

## SECTION I

### PUBLISHED INTERNATIONAL APPLICATIONS

### DEMANDES INTERNATIONALES PUBLIÉES

(51) Not classified / non classée

(11) WO 03/026377 (13) A2

(21) PCT/KR02/01827

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 2001-0060509 28 Sep/sep 2001 KR  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AC/DC CHARGER FOR MOBILE PHONE

• CHARGEUR CA/CC POUR TELEPHONE MOBILE

(71) PHOSPHOR ELECTRONICS CO. LTD. [KR/KR]; 308-17 Simgok 3-dong, Wonmi-gu, 420-010 Bucheon-city, Gyunggi-do (KR).

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

(72, 75) SEO, Myung-Soo [KR/KR]; 308-17 Simgok 3-dong, Wonmi-gu, 420-825 Bucheon-city, Gyunggi-do (KR).

(74) YOU ME PATENT & LAW FIRM; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, 135-080 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP 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 SI 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 IE IT LU MC NL PT SE 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 03/026379 (13) A2

(21) PCT/US02/29530

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 60/325,087 25 Sep/sep 2001 US  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ELECTRONIC FISHING DEVICE STEERABLE IN AZIMUTH AND DEPTH BY REMOTE CONTROL OR PREPROGRAMMED INSTRUCTIONS

• DISPOSITIF DE PECHE ELECTRONIQUE DIRIGEABLE EN AZIMUT ET EN PROFONDEUR AU MOYEN D'UNE

COMMANDE A DISTANCE OU D'INSTRUCTIONS PREPROGRAMMEES

(71, 72) MUELLER, Jack, C. [US/US]; 2216 Lorraine Drive, Carrollton, TX 75006 (US).

(74) DIAZ, Michael, L.; Suite 200, 555 Republic Drive, Plano, TX 75074 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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) Not classified / non classée

(11) WO 03/026380 (13) A2

(21) PCT/US02/29943

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 09/962,949 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD FOR A TWO PIECE SPRAY NOZZLE

• SYSTEME ET PROCEDE POUR BUSE DE PULVERISATION EN DEUX PARTIES

(71, 72) PY, Daniel [FR/US]; 8 Normandy Road, Larchmont, NY 10538 (US).

(74) TOBIN, Robert, T. et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 03/026381 (13) A2

(21) PCT/US02/30669

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 09/965,786 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR DIRECTING INFORMATION TO PARTICULAR GAME PLAYERS

• PROCEDE ET APPAREIL POUR ENVOYER DES INFORMATIONS A DES JOUEURS SPECIFIQUES

(71) IGT [US/US]; A Nevada Corporation, 9295 Prototype Drive, Reno, NV 89511 (US).

(72) ROWE, Rick; 2312 N. Green Valley Pkwy, Apt. #925, Henderson, NV 89014 (US). OBERBERGER, Mike; 4591 Lynnfield Court, Reno, NV 89509 (US).

(74) WEIDE, Scott, R.; Weide & Miller, Ltd., 330 South 3rd Street, Suite 1130, Las Vegas, NV 89101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 03/026382 (13) A2

(21) PCT/US02/30684

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 09/964,914 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BUMPER CRUSH TOWER WITH RINGS OF VARIED STRENGTH

• COLONNE POUR POUTRE DE PARE-CHOC DOTEE D'ANNEAUX A RESISTANCE VARIABLE

(71) SHAPE CORPORATION [US/US]; 1900 Hayes Street, Grand Haven, MI 49417 (US).

(72) NEES, Rainier, B.; 9410 Ottawa House Drive, West Olive, MI 49460 (US).

- HEATHERINGTON, David, W.; 16151 Harbor View Drive, Spring Lake, MI 49456 (US). GLASGOW, Scott, C.; 15356 Green Oak, Grand Haven, MI 49417 (US). RUSELL, Jack (nmi); 1115 Green Briar, North Muskegon, MI 49445 (US).
- (74) GIRDWOOD, Daniel, L., et al. / etc.; Price, Heneveld, Cooper, De Witt & Litton, 695 Kenmoor, S.E., Post Office Box 2567, Grand Rapids, MI 49501-2567 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A01B 79/00, A01G 7/00
- (11) WO 03/026383 (13) A1
- (21) PCT/DE02/03192
- (22) 27 Aug/août 2002 (27.08.2002)
- (25) de (26) de
- (30) 101 48 746.0 26 Sep/sep 2001 DE (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND DEVICE FOR DETERMINING AND INFLUENCING THE STATE OF PLANTS IN A CONTACT-LESS MANNER
- PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER SANS CONTACT ET D'INFLUENCER L'ETAT DE PLANTES
- (71) NORSK HYDRO ASA [NO/NO]; Bygdoy Allé 2, N-0257 Oslo (NO).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) REUSCH, Stefan [DE/DE]; Von-dem-Busch-Strasse 40a, 48249 Dülmen (DE).
- (74) HANNIG, Wolf-D.; Cohausz Hannig Daci-dowicz & Partner, Friedlander Strasse 37, 12489 Berlin (DE).
- (81) AM AU AZ BG BR BY CA CN CO CR CZ DM EC EE HR HU ID IL IN IS JP KR KZ LT LV MX NO NZ PH PL RO SG SI SK TJ TM TR UA US UZ.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AM AU AZ BG BR BY CA CN CO CR CZ DM EC EE HR HU ID IL IN IS JP KR KZ LT LV MX NO NZ PH PL RO SG SI SK TJ TM TR UA UZ EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
- (t) for the following designations / pour les désignations suivantes : AM AU AZ BG BR BY CA CN CO CR CZ DM EC EE HR HU ID IL IN IS JP KR KZ LT LV MX NO NZ PH PL RO SG SI SK TJ TM TR UA UZ EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
- (u) for / pour US only / seulement
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- (51)<sup>7</sup> A01D 33/04
- (11) WO 03/026384 (13) A1
- (21) PCT/GB02/04392
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 0123166.1 26 Sep/sep 2001 GB (26.09.2001)
- (30) 0204342.0 25 Feb/fév 2002 GB (25.02.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • AN AGRICULTURAL SEPARATOR
- SEPARATEUR DE GRAINS
- (71) RICHARD PEARSON LIMITED [GB/GB]; Priory Road, Freiston, Lincolnshire PE22 0JZ (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COULAM, John, Patrick [GB/GB]; c/o Richard, John, Patrick, Priory Road, Freiston, Boston, Lincolnshire PE22 0JZ (GB).
- (74) LYNDON-STANFORD, Edward, Willoughby, Brooke; Marks & Clerk, 57-60 Lincolns Inn Fields, London WC2A 3LS (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A01D 34/00, A01F 12/46, B60R 21/16
- (11) WO 03/026385 (13) A1
- (21) PCT/US01/28049
- (22) 7 Sep/sep 2001 (07.09.2001)
- (25) en (26) en
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ARTICULATED COMBINE
- MOISSONNEUSE-BATTEUSE ARTICULEE
- (71, 72) DILLON, Ben, N. [US/US]; 206 Greensprings Drive, Columbus, OH 43235 (US).
- (72) SPARROW, Thomas, E.; 1036 Sunset Boulevard, Hawley, MN 56549 (US).
- (74) MUELLER, Jerry, K., Jr. et al. / etc.; Mueller and Smith, LPA, 7700 Rivers Edge Drive, Columbus, OH 43235 (US).
- (81) BR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)<sup>7</sup> A01D 69/08
- (11) WO 03/026386 (13) A1
- (21) PCT/FR02/03246
- (22) 23 Sep/sep 2002 (23.09.2002)
- (25) fr (26) fr
- (30) 01/12214 21 Sep/sep 2001 FR (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • COUPLING BETWEEN DRIVE SHAFT AND ROTARY CUTTING MEMBER AND DEVICE EQUIPPED WITH SAME
- COUPLEUR ENTRE ARBRE MOTEUR ET ORGANE DE COUPE ROTATIF ET DISPOSITIF DE COUPE EQUIPE D'UN TEL COUPLEUR
- (71, 72) CHABRUT, Michel [FR/FR]; Bazouin, F-17170 La Ronde (FR). LEROUX, Claude [FR/FR]; 39, bis rue Lacombe, F-85490 Benet (FR).
- (74) LAGET, Jean-Loup; Cabinet Brema, 78, avenue Raymond Poincaré, F-75116 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A01F
- (11) WO 03/026387 (13) A2
- (21) PCT/US02/31012
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 60/325,032 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • STRIPPER AND FLAIL DELIMBER AND DEBARKER
- DEBROSSAILLEUSE, ECORCEUSE ET EBRANCHEUSE A FLEAUX
- (71, 72) TAPSCOTT, Charles [US/US]; 54 Rolling Road, S., Scottsville, VA 24590 (US).
- (74) WRIGHT, Bryan, D. et al. / etc.; Woods, Rogers & Hazlegrove, PLC, P.O. Box 2964, Charlottesville, VA 22902 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A01F 15/04
- (11) WO 03/026388 (13) A1
- (21) PCT/ES02/00404
- (22) 14 Aug/août 2002 (14.08.2002)
- (25) es (26) es

(30) P200101931 20 Aug/août 2001 ES  
(20.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MACHINE FOR THE RECOVERY OF FOREST, AGRICULTURAL AND/OR URBAN WASTE

• MACHINE PERMETTANT DE RECUPERER DES RESIDUS FORESTIERS, AGRICOLES ET/OU URBAINS

(71) RECUPERACION Y TRATAMIENTO DE BIOMASA-TRABISA S.L. [ES/ES]; C/Perimetral, s/n, E-46390 San Antonio de Requena, Valencia (ES).

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

(72, 75) GARCIA GARCIA, Francisco [ES/ES]; Perimetral s/n, E-46360 San Antonio de Requena, Valencia (ES).

(74) NARANJO MARCOS, Antonia; P.o De La Habana 200, E-28036 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 ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(r) for all designations / pour toutes les désignations

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

(11) WO 03/026389 (13) A2

(21) PCT/US02/30796

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,614 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MANIPULATION OF PLANT POLYSACCHARIDE SYNTHASES

• MANIPULATION DE SYNTHASES DE POLYSACCHARIDES VEGETAUX

(71) PIONEER HI-BRED INTERNATIONAL, INC. [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50319 (US).

(72) DHUGGA, Kanwarpal, S.; 8320 Barnham Drive, Johnston, IA 50131 (US). TOMES, Dwight, T.; 2672 Brookview Lane, Van Meter, IA 50261 (US).

(74) ROUSE, Janice, L. et al. / etc.; 7100 N.W. 62nd Avenue, Darwin Building, Johnston, IA 50131-1000 (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR).

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

(11) WO 03/026390 (13) A2

(21) PCT/US02/30978

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/967,552 28 Sep/sep 2001 US  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PLANT REPRODUCTION POLYNUCLEOTIDES AND METHODS OF USE

• POLYNUCLEOTIDES DE REPRODUCTION DE PLANTES ET LEURS PROCEDES D'UTILISATION

(71) PIONEER HI-BRED INTERNATIONAL, INC. [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50309 (US). E.I. DU PONT DE NEMOURS & CO. [US/US]; 1007 Market Street, Suite 9000, DuPont Building, Wilmington, DE 19898 (US).

(72) DANILEVSKAYA, Olga; 6004 Dogwood Circle, Johnston, IA 50131 (US). MIAO, Guo-Hua; 8617 N.W. 70th Court, Johnston, IA 50131 (US). MORGANTE, Michele; 2306 Lorelei Lane, Wilmington, DE 19810 (US). SAKAI, Hajime; 31 Bridle Brook Lane, Newark, DE 19711 (US). SIMMONS, Carl; 4228 Holland Drive, Des Moines, IA 50310 (US). WENG, Zude; Apartment 301, 495 Leslie Court, Des Plaines, IL 60016 (US). FAMODU, Omolayo, O.; 216 Barrett Run Place, Newark, DE 19702 (US). HANTKE, Sabine; MPS Cologne GMBH, Neurather Ring 1, 51063 Koein, NRW (DE). BUTLER, Karlene, H.; 844 Broadfield Drive, Newark, DE 19713 (US).

(74) VARLEY, Karen, K., et al. / etc.; 7100 N.W. 62nd Avenue, Darwin Building, Johnston, IA 50131-1000 (US).

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

(51)<sup>7</sup> A01H 1/00, 1/04, 4/00, 5/00, 5/10

(11) WO 03/026391 (13) A1

(21) PCT/US02/30508

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 09/964,281 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MUTANT DWARFISM ALLELE OF CLEOME

• ALLELE MUTANT DU NANISME DU CLEOME

(71) GOLDSMITH SEEDS, INC. [US/US]; 2280 Hecker Pass Highway, Gilroy, CA 95020 (US).

(72) PERKINS, Ralph, Tyler, III; 1176 Petersen Drive, Gilroy, CA 95020 (US).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A01H 1/02, 5/10, C12N 15/82, C07K 14/415

(11) WO 03/026392 (13) A1

(21) PCT/EP02/08252

(22) 24 Jul/juil 2002 (24.07.2002)

(25) de (26) de

(30) 101 36 378.8 26 Jul/juil 2001 DE  
(26.07.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MALE STERILITY IN GRASSES OF THE GENUS LOLIUM

• STERILITE MALE DANS DES GRAMINEES DU GENRE LOLIUM

(71) NORDDEUTSCHE PFLANZENZUCHT HANS-GEORG LEMBKE KG [DE/DE]; Hohenlieth, 24363 Holtsee (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GAUE, Inge [DE/DE]; Seestrasse 1, 23999 Kaltenhof (DE). BAUDIS, Heinrich [DE/DE]; Haus Nr. 8, 23999 Malchow (DE).

(74) NEUEFEIND, Regina; Maiwald Patentanwalts GmbH, Elisenhof, Elisenstrasse 3, 80335 München (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

(11) WO 03/026393 (13) A2

(21) PCT/US02/29539

(22) 18 Sep/sep 2002 (18.09.2002)

- (25) en (26) en
- (30) 60/323,892 21 Sep/sep 2001 US  
(21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FISHING LURE AND METHOD OF USING SAME  
• LEURRE DE PECHE ET PROCEDE D'UTILISATION ASSOCIE
- (71) **ADVANCED ANGLING CONCEPTS, LLC** [US/US]; 3535 Market Street, Suite 725, Philadelphia, PA 19104 (US).
- (72) **GOMES, Chad**; 1324 Locust Street, Apt. 814, Philadelphia, PA 19107 (US). **THIBODEAU, Brett**; 1200 Veitch Street, Apt. 400, Arlington, VA 22201 (US). **YATSKO, Chris**; 825 Village Circle, Blue Bell, PA 19422 (US).
- (74) **GOLUB, Daniel, H.**; 1701 Market Street, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
(s) for all designations / pour toutes les désignations  
(t) for all designations / pour toutes les désignations
- 
- (51)<sup>7</sup> A01K
- (11) **WO 03/026394** (13) A2
- (21) PCT/US02/30355
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/324,576 24 Sep/sep 2001 US  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CATHEPSIN G (CTSG) DISRUPTIONS, COMPOSITIONS AND METHODS RELATING THERETO  
• INTERRUPTIONS DE LA CATHEPSINE G (CTSG), COMPOSITIONS ET PROCEDES ASSOCIES A CES INTERRUPTIONS
- (63) US 60/324,576 (CON)  
24 Sep/sep 2001 (24.09.2001)
- (71) **DELTAGEN, INC.** [US/US]; 740 Bay Road, Redwood City, CA 94063 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WISOTZKEY, Robert, G.** [US/US]; 5408 Ruth Avenue, Oakland, CA 94601 (US). **KIRK, Christopher, J.** [US/US]; 1010 Roosevelt Avenue, Redwood City, CA 94061 (US).
- (74) **BURKE, John, E. et al. / etc.**; Deltagen, Inc., 740 Bay Road, Redwood City, CA 94063 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A01K
- (11) **WO 03/026396** (13) A2
- (21) PCT/US02/30357
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/324,556 24 Sep/sep 2001 US  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • TRANSGENIC MICE CONTAINING SOCS-5 CYTOKINE SIGNALLING SUPPRESSOR GENE DISRUPTIONS  
• SOURIS TRANSGENIQUES CONTENANT DES DISRUPTIONS D'UN GENE
- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- SUPPRESSEUR DE LA SIGNALISATION DES CYTOKINES SOCS-5
- (63) US 60/324,556 (CON)  
24 Sep/sep 2001 (24.09.2001)
- (71) **DELTAGEN, INC.** [US/US]; 740 Bay Road, Redwood City, CA 94063 (US).  
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- (72, 75) **ALLEN, Keith, D.** [US/US]; 224 Custer Trail, Cary, NC 27513 (US). **MOORE, Mark** [US/US]; 880 Blandford Avenue, Redwood City, CA 94061 (US). **ZHANG, Qin** [CN/US]; 2167 Alexander Way, Pleasanton, CA 94588 (US). **KIRK, Christopher, J.** [US/US]; 1010 Roosevelt Avenue, Redwood City, CA 94061 (US).
- (74) **BURKE, John, E. et al. / etc.**; Deltagen, Inc., 740 Bay Road, Redwood City, CA 94063 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A01K
- (11) **WO 03/026397** (13) A2
- (21) PCT/US02/30358
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/324,561 24 Sep/sep 2001 US  
(24.09.2001)
- (30) 60/391,222 24 Jun/juin 2002 US  
(24.06.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • THYROTROPIN RELEASING HORMONE RECEPTOR DISRUPTIONS, COMPOSITIONS AND METHODS RELATING THERETO  
• DISRUPTIONS DU RECEPTEUR DE LA THYROLIBERINE, COMPOSITIONS ET METHODES CORRESPONDANTES
- (63) US 60/324,561 (CON)  
24 Sep/sep 2001 (24.09.2001)  
US 60/391,222 (CON)  
24 Jun/juin 2002 (24.06.2002)
- (71) **DELTAGEN, INC.** [US/US]; 740 Bay Road, Redwood City, CA 94063 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ALLEN, Keith, D.** [US/US]; 224 Custer Trail, Cary, NC 27513 (US). **BRENNAN, Thomas, J.** [US/US]; 325 Rockwood Drive, South San Francisco, CA 94080 (US).
- (74) **BURKE, John, E. et al. / etc.**; Deltagen, Inc., 740 Bay Road, Redwood City, CA 94063 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

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

(11) WO 03/026398 (13) A2

(21) PCT/US02/30359

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,823 24 Sep/sep 2001 US  
(24.09.2001)

(30) 60/391,144 24 Jun/juin 2002 US  
(24.06.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • VIA ARGININE VASOPRESSIN RE-  
CEPTOR DISRUPTIONS, COMPOSI-  
TIONS AND METHODS RELATING  
THERETO

• DISRUPTIONS DU RECEPTEUR DE  
L'ARGININE-VASOPRESSINE VIA,  
COMPOSITIONS ET METHODES COR-  
RESPONDANTES

(63) US 60/324,823 (CON)  
24 Sep/sep 2001 (24.09.2001)

US 60/391,144 (CON)  
24 Jun/juin 2002 (24.06.2002)

(71) DELTAGEN, INC. [US/US]; 740 Bay Road,  
Redwood City, CA 94063 (US).

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les États désignés sauf US)

(72, 75) BRENNAN, Thomas, J. [US/US]; 325  
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94080 (US). ZHANG, Qin [Stateless / apa-  
tride/US]; 2167 Alexander Way, Pleasanton,  
CA 94588 (US).

(74) BURKE, John, E. et al. / etc.; Deltagen,  
Inc., 740 Bay Road, Redwood City, CA 94063  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

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

(11) WO 03/026399 (13) A2

(21) PCT/US02/30361

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,703 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • GNG4 GENE DISRUPTIONS, COMPO-  
SITIONS AND METHODS RELATED  
THERETO

• DISRUPTIONS DU GENE GNG4, COM-  
POSITIONS ET METHODES CORRES-  
PONDANTES

(63) US 60/324,703 (CON)  
24 Sep/sep 2001 (24.09.2001)

(71) DELTAGEN, INC. [US/US]; 740 Bay Road,  
Redwood City, CA 94063 (US).

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les États désignés sauf US)

(72, 75) ALLEN, Keith, D. [US/US]; 224 Custer  
Trail, Cary, NC 27513 (US). KIRK, Christo-  
pher, J. [US/US]; 1010 Roosevelt Avenue,  
Redwood City, CA 94061 (US).

(74) BURKE, John, E. et al. / etc.; Deltagen,  
Inc., 740 Bay Road, Redwood City, CA 94063  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

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

(11) WO 03/026400 (13) A2

(21) PCT/US02/30362

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,768 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METABOTROPIC GLUTAMATE RE-  
CEPTOR 4B (mGluR4) DISRUPTIONS,  
COMPOSITIONS AND METHODS RE-  
LATING THERETO

• DISRUPTIONS DU RECEPTEUR ME-  
TABOTROPIQUE DU GLUTAMATE 4B  
(MGLUR4), COMPOSITIONS ET ME-  
THODES ASSOCIEES

(63) US 60/324,768 (CON)  
24 Sep/sep 2001 (24.09.2001)

(71) DELTAGEN, INC. [US/US]; 740 Bay Road,  
Redwood City, CA 94063 (US).

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

(72, 75) ALLEN, Keith, D. [US/US]; 224 Custer  
Trail, Cary, NC 27513 (US). BRENNAN,  
Thomas, J. [US/US]; 325 Rockwood Drive,  
South San Francisco, CA 94080 (US).  
PHILLIPS, Russell [US/US]; 612 Cam-  
bridge Avenue #3, Menlo Park, CA 94025  
(US).

(74) BURKE, John, E. et al. / etc.; Deltagen,  
Inc., 740 Bay Road, Redwood City, CA 94063  
(US).

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

LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

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

(11) WO 03/026401 (13) A2

(21) PCT/US02/30364

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,789 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • Kv3.3b POTASSIUM CHANNEL DIS-  
RUPTIONS, COMPOSITIONS AND  
METHODS RELATED THERETO

• DISRUPTIONS DU GENE KV3.3B DU  
CANAL POTASSIQUE, COMPOSI-  
TIONS ET METHODES ASSOCIEES

(63) US 60/324,789 (CON)  
24 Sep/sep 2001 (24.09.2001)

(71) DELTAGEN, INC. [US/US]; 740 Bay Road,  
Redwood City, CA 94063 (US).

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les États désignés sauf US)

(72, 75) GUENTHER, Catherine [US/US];  
731 Chestnut Street #109, San Carlos, CA  
94070 (US). ALLEN, Keith, D. [US/US];  
224 Custer Trail, Cary, NC 27513 (US).  
ZHANG, Qin [CN/US]; 2167 Alexander  
Way, Pleasanton, CA 94588 (US).

(74) BURKE, John, E. et al. / etc.; Deltagen,  
Inc., 740 Bay Road, Redwood City, CA 94063  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

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

(11) WO 03/026402 (13) A2

(21) PCT/US02/30365

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,685 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CARBOXYPEPTIDASE N (CPN) DIS-  
RUPTIONS COMPOSITIONS AND  
METHODS RELATING THERETO

• COMPOSITIONS A BASE DE DISRUP-  
TIONS DE LA CARBOXYPEPTIDASE  
N (CPN) ET METHODES ASSOCIEES

- (63) US 60/324,685 (CON)  
24 Sep/sep 2001 (24.09.2001)
- (71) DELTAGEN, INC. [US/US]; 740 Bay Road, Redwood City, CA 94063 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WISOTZKEY, Robert, G. [US/US]; 5408 Ruth Avenue, Oakland, CA 94601 (US). ZHANG, Qin [CN/US]; 2167 Alexander Way, Pleasanton, CA 94588 (US).
- (74) BURKE, John, E. et al. / etc.; 740 Bay Road, Redwood City, CA 94063 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A01K
- (11) WO 03/026403 (13) A2
- (21) PCT/US02/30506
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/324,639 24 Sep/sep 2001 US (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CTSZ DISRUPTIONS, COMPOSITIONS AND METHODS RELATING THERETO  
• DISRUPTIONS DU GENE CTSZ, COMPOSITIONS ET METHODES CORRESPONDANTES
- (63) US 60/324,639 (CON)  
24 Sep/sep 2001 (24.09.2001)
- (71) DELTAGEN, INC. [US/US]; 740 Bay Road, Redwood City, CA 94063 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WISOTZKEY, Robert, G. [US/US]; 5408 Ruth Avenue, Oakland, CA 94601 (US). KIRK, Christopher, J. [US/US]; 1010 Roosevelt Avenue, Redwood City, CA 94061 (US).
- (74) BURKE, John, E. et al. / etc.; Deltagen, Inc., 740 Bay Road, Redwood City CA 94063 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A01K 15/00, A61J 17/00
- (11) WO 03/026405 (13) A1
- (21) PCT/ES02/00446
- (22) 23 Sep/sep 2002 (23.09.2002)
- (25) es (26) es
- (30) U 200102336 24 Sep/sep 2001 ES (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ITEM FOR CHEWING  
• ARTICLE A MASTIQUER
- (71) QUALILLET S.L. [ES/ES]; Ctra. de Vilalbons Km. 0,8, E-08504 Saint Julià de Vilatorrada (ES).  
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- (72, 75) AYMERICH ISERN, Joan [ES/ES]; Blanqueig, 11, E-08506-Caldetenes (ES). SERRALLONGA GUTIERREZ, Lluís [ES/ES]; Mestral, 38, E-08512 Saint Hipòlit de Voltregà (ES).
- (74) CURELL SUÑOL, Marcelino et al. / etc.; Passèig de Gràcia, 65 bis, E-08008 Barcelona (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 ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A01K 61/00, 63/00, 63/04
- (11) WO 03/026406 (13) A1
- (21) PCT/AU01/01205
- (22) 26 Sep/sep 2001 (26.09.2001)
- (25) en (26) en
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • AQUACULTURE PROCESS AND APPARATUS  
• PROCEDE ET APPAREIL D'AQUACULTURE
- (71, 72) JABLONSKY, Viktor [AU/AU]; 40/140 William Street, Melbourne, VIC 3000 (AU).
- (74) ALLENS ARTHUR ROBINSON PATENT & TRADE MARKS ATTORNEYS; Stock Exchange Centre, 530 Collins 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 ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI 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 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).
- 
- (51)<sup>7</sup> A01K 67/00, 67/033, 67/027, G01N 33/00, C12N 15/00, 15/09, 15/63, 15/70, 15/74, 5/00, 5/02
- (11) WO 03/026407 (13) A1
- (21) PCT/US02/30507
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/324,620 24 Sep/sep 2001 US (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • GLYCEROL KINASE GENE DISRUPTIONS, COMPOSITIONS AND METHODS RELATED THERETO  
• DISRUPTIONS DE GENES A GLYCEROL-KINASE, COMPOSITIONS ET PROCEDES S'Y RAPPORTANT
- (63) US 60/324,620 (CON)  
24 Sep/sep 2001 (24.09.2001)
- (71) DELTAGEN, INC. [US/US]; 740 Bay Road, Redwood City, CA 94063 (US).  
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(72, 75) WILES, Michael, V. [GB/US]; 9 Beech Hill Road, Mount Desert, ME 04660 (US).  
KIRK, Christopher, J. [US/US]; 1010 Roosevelt Avenue, Redwood City, CA 94061 (US).

(74) BURKE, John, E. et al. / etc.; Deltagen, Inc., 740 Bay Road, Redwood City, CA 94063 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

(11) WO 03/026408 (13) A1

(21) PCT/JP02/09611

(22) 19 Sep/sep 2002 (19.09.2002)

(25) ja (26) ja

(30) 2001/287698 20 Sep/sep 2001 JP (20.09.2001)

(30) 2002/177666 18 Jun/juin 2002 JP (18.06.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MODEL ANIMAL WITH OVEREXPRESSION OF REGUCALCIN

• MODÈLE ANIMAL PRÉSENTANT UNE SUREXPRESSION DE RÉGUCALCINE

(71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [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)

(72, 75) YAMAGUCHI, Masayoshi [JP/JP]; 15-5, Senagawa 1-chome, Shizuoka-shi, Shizuoka 491-0913 (JP).

(74) HIROTA, Masanori; 3F, Wakabayashi Building, 8-5, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> A01K 67/027, 67/00, 67/033, G01N 33/00, C12N 15/00, 15/09, 15/63, 15/70, 15/74, 5/00, 5/02, A01N 43/00

(11) WO 03/026409 (13) A2

(21) PCT/US02/30363

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,803 24 Sep/sep 2001 US (24.09.2001)

(30) 60/367,235 25 Mar/mar 2002 US (25.03.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • KV1.7 POTASSIUM CHANNEL DISRUPTIONS, COMPOSITIONS AND METHODS RELATING THERETO

• DISRUPTIONS DU GENE KV1.7 DU CANAL POTASSIQUE, COMPOSITIONS ET METHODES ASSOCIEES

(63) US 60/324,803 (CON) 24 Sep/sep 2001 (24.09.2001)

US 60/367,235 (CON) 25 Mar/mar 2002 (25.03.2002)

(71) DELTAGEN, INC. [US/US]; 740 Bay Road, Redwood City, CA 94063 (US).

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

(72, 75) ALLEN, Keith, D. [US/US]; 224 Custer Trail, Cary, NC 27513 (US). ZHANG, Qin [Stateless / apatride/US]; 2167 Alexander Way, Pleasanton, CA 94588 (US).

(74) BURKE, John, E. et al. / etc.; Deltagen, Inc., 740 Bay Road, Redwood City, CA 94063 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A01K 79/02

(11) WO 03/026410 (13) A1

(21) PCT/AU02/01297

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) PR 7902 25 Sep/sep 2001 AU (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SHARK REPELLING FIELD GENERATING CORD

• CORDON GENERATEUR DE CHAMP MAGNETIQUE ANTI-REQUIN

(71) SEACHANGE TECHNOLOGY HOLDINGS PTY LTD [AU/AU]; 3A Rowells Road, Lockleys, S.A. 5032 (AU).

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(72, 75) WESCOMBE-DOWN, Michael [AU/AU]; 16 David Avenue, Glenelg, S.A. 5045 (AU).

(74) MADDERNS; Level 1, 64 Hindmarsh Square, Adelaide, S.A. 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

(11) WO 03/026411 (13) A2

(21) PCT/US02/29396

(22) 16 Sep/sep 2002 (16.09.2002)

(25) en (26) en

(30) 09/968,411 27 Sep/sep 2001 US (27.09.2001)

(30) 10/156,265 28 May/mai 2002 US (28.05.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NOZZLE FOR AGRICULTURAL SPRAYERS

• BUSE DE PULVERISATEUR AGRICOLE

(71) HYPRO CORPORATION [US/US]; 375 Fifth Avenue N.W., New Brighton, MN 55112-3288 (US).

(72) SWAN, Trevor, William, Bartlett; 61 High Street, Over, Cambridgeshire CB4 5NB (GB).

(74) NIKOLAI, Thomas, J.; Nikolai & Mersereau, P.A., 900 Second Avenue South, Suite 820, Minneapolis, MN 55402-3813 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les designations

(t) for all designations / pour toutes les designations

(51)<sup>7</sup> A01M 13/00, 19/00

(11) WO 03/026412 (13) A1

(21) PCT/AU02/01313

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) PR 7900 25 Sep/sep 2001 AU (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AN APPARATUS AND METHOD FOR EXTERMINATION OF VERMIN

• APPAREIL ET PROCÉDE D'EXTERMINATION DE LA VERMINE

(71, 72) JENKINS, Michael, Eric [AU/AU]; 55 Shierlaw Street, Richmond, S.A. 5033 (AU).

(74) LESICAR PERRIN; 49 Wright Street, Adelaide, S.A. 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 NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A01M 21/00, B05C 1/08, 17/025, 17/035

(11) WO 03/026413 (13) A1

(21) PCT/AU02/01300

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) PR 7914 26 Sep/sep 2001 AU  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AN IMPROVED GARDEN EDGER  
• COUPE-GAZON PERFECTIONNE

(71, 72) SALIBA, Charles, William [AU/AU];  
211 Grange Avenue, Marsden Park, New  
South Wales 2765 (AU).

(74) SMEEETON, Anthony, Richard; DAVIES  
COLLISON CAVE, Level 10, 10 Barrack  
Street, Sydney, New South Wales 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A01M 21/04, E01H 11/00, A01N 25/16

(11) WO 03/026414 (13) A1

(21) PCT/NZ02/00194

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 514497 27 Sep/sep 2001 NZ  
(27.09.2001)

(30) 519805 26 Jun/juin 2002 NZ  
(26.06.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR  
WEED CONTROL WITH HOT FOAM  
• PROCEDE ET APPAREIL POUR ELIMI-  
NER LES MAUVAISES HERBES AVEC  
DE LA MOUSSE CHAUDE

(71, 72) TINDALL, Denis, Walter [NZ/NZ];  
130 Waipuna Road East, Auckland 1006  
(NZ). REID, David, Garth [NZ/NZ];  
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JAMES, Gibb, William [NZ/NZ]; 3/16  
Bernie Edwards Place, Auckland, 1706 (NZ).

(74) WILSON, Kathryn, S. et al. / etc.; KPMG  
Centre, Level 12, 85 Alexandra Street, Private  
Bag 3140, Hamilton 2001 (NZ).

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

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

(11) WO 03/026415 (13) A2

(21) PCT/US02/29468

(22) 17 Sep/sep 2002 (17.09.2002)

(25) en (26) en

(30) 60/324,083 21 Sep/sep 2001 US  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • INSECTICIDAL DIAMIDES  
• DIAMIDES INSECTICIDES

(71) E.I. DU PONT DE NEMOURS AND  
COMPANY [US/US]; 1007 Market Street,  
Wilmington, DE 19898 (US).

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

(72, 75) LAHM, George, Philip [US/US]; 148  
Fairhill Drive, Wilmington, DE 19808 (US).  
SELBY, Thomas, Paul [US/US]; 116 Hunter  
Court, Wilmington, DE 19808 (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  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE 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 SD SE SG  
SI 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 IE IT LU MC NL PT SE SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)*

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

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

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

(11) WO 03/026416 (13) A2

(21) PCT/US02/29793

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 60/324,002 21 Sep/sep 2001 US  
(21.09.2001)

(30) 10/243,012 13 Sep/sep 2002 US  
(13.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND COMPOSITIONS FOR  
USE IN AGRICULTURE  
• PROCEDES ET COMPOSITIONS DES-  
TINES A L'AGRICULTURE

(71) COGNIS CORPORATION [US/US]; Suite  
200, 2500 Renaissance Boulevard, Gulph  
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(72) BROWN, David, W.; 424 Highland Av-  
enue, Ambler, PA 19002 (US). BREINDEL,  
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19446 (US). BROADBENT, Ronald, W.;  
737 Jarrett Road, Horsham, PA 19044 (US).  
WIGGINS, Michael, S.; 2405 Hillock Court,  
Lansdale, PA 19446 (US).

(74) DRACH, John, E.; Cognis Corporation,  
Suite 200, 2500 Renaissance Boulevard,  
Gulph Mills, PA 19406 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

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

(11) WO 03/026417 (13) A2

(21) PCT/US02/30118

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 60/324,308 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF INCREASING EXPRES-  
SION OF HETEROLOGOUS PROTEINS  
IN PLANTS

• PROCEDE D'AUGMENTATION DE  
L'EXPRESSION DE PROTEINES HE-  
TEROLOGUES DANS DES PLANTES

(71) PRODIGENE, INC. [US/US]; Suite 100,  
101 Gateway Boulevard, College Station, TX  
77854 (US).

(72) HOOD, Elizabeth; 1112 Finney Circle,  
College Station, TX 77845 (US). HOWARD,  
John; 5819 Stallion Ridge Rd., College Sta-  
tion, TX 77845 (US). DELANEY, Donna;  
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77845 (US).

(74) SWEENEY, Patricia, A.; 1835 Pleasant  
Street, West Des Moines, IA 50265 (US).



(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

(11) WO 03/026418 (13) A2

(21) PCT/US02/30931

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 60/326,534 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND COMPOSITIONS FOR REGULATION OF CELL DEATH IN PLANTS

• PROCEDES ET COMPOSITIONS PERMETTANT DE REGULER LA MORT CELLULAIRE CHEZ DES PLANTES

(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) EPPLE, Petra [US/US]; 215 Cedarwood Lane, Carboro, NC 27510 (US). DANGL, Jeffery, L. [US/US]; 208 Lake Court, Chapel Hill, NC 27516 (US).

(74) TAYLOR, Arles, A., Jr.; Jenkins & Wilson, P.A., Suite 1400, University Tower, 3100 Tower Boulevard, Durham, NC 27707 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A01N 1/02

(11) WO 03/026419 (13) A1

(21) PCT/US02/30906

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,594 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A SIMPLE, FULLY TRANSPORTABLE DEVICE FOR MAINTAINING AN EXCISED HEART IN OPTIMUM CONDITION FOR TRANSPLANTATION

• DISPOSITIF SIMPLE, ENTIEREMENT TRANSPORTABLE, DE MAINTIEN EN CONDITION OPTIMALE DE COEUR EXCISE DESTINE A ETRE TRANSPLANTE

(71, 72) HULL, Harry, F. [US/BR]; Rua Iguape, 61, Vinhedo, SP 13280 (BR). GOOD, Edward, F., M., D. [US/US]; 18213 Sandy Cove, Houston, TX 77058 (US).

(74) SZABO, Paul, E.; Calfee, Halter & Griswold LLP, 1400 McDonald Investment Center, 800 Superior Avenue, Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A01N 25/00, 25/02, 33/02, 47/44, A61L 2/18, G02C 13/00, A61P 27/04, 31/02, A61K 9/08, 47/02, 47/14, 47/16, 47/22, 47/26, 31/14, 31/155

(11) WO 03/026420 (13) A1

(21) PCT/JP02/09358

(22) 12 Sep/sep 2002 (12.09.2002)

(25) ja (26) ja

(30) 2001-281591 17 Sep/sep 2001 JP (17.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BACTERICIDAL SOLUTIONS

• SOLUTIONS BACTERICIDES

(71) MENICON CO., LTD. [JP/JP]; 21-19, Aoi 3-chome, Naka-ku, Nagoya-shi, Aichi 460-0006 (JP).

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(72, 75) HOZUMI, Kentaro [JP/US]; #506, 259 Congressional Lane, Rockville, MD 20852 (US). MORI, Osamu [JP/JP]; c/o MENICON CO., LTD. Central Research Laboratories, 1-10, Takamori-dai 5-chome, Kasugai-shi, Aichi 487-0032 (JP). TSUZUKI, Akira [JP/JP]; c/o MENICON CO., LTD. Central Research Laboratories, 1-10, Takamori-dai 5-chome, Kasugai-shi, Aichi 497-0032 (JP).

(74) NAKASHIMA, Michio et al. / etc.; NAKASHIMA & NAKASHIMA, NAGOYA DIA BLDG.-1, 16-22, Meieki 3-chome, Nakamura-ku, Nagoya-shi, Aichi 450-0002 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> A01N 25/00

(11) WO 03/026421 (13) A1

(21) PCT/US02/30706

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,297 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FUNGICIDAL COMPOSITIONS AND THEIR APPLICATIONS IN AGRICULTURE

• COMPOSITIONS FONGICIDES ET APPLICATIONS CORRESPONDANTES DANS L'AGRICULTURE

(71) MONSANTO TECHNOLOGY, LLC [US/US]; 800 North Lindbergh Boulevard, St. Louis, MO 63167 (US).

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

(72, 75) ASRAR, Jawed [US/US]; 14949 Royal Brook, Chesterfield, MO 63017 (US). HEP- PNER, Claudia [GB/GB]; 24 Egremont Road, Hardwick, Cambridgeshire CB3 7XR (GB). DING, Yiwei [US/US]; 423 Castle Pines Court, Ballwin, MO 63921 (US).

(74) DUNLAP, Charles, E. et al. / etc.; Nelson Mullins Riley & Scarborough, Keenan Building, Third Floor, 1330 Lady Street, Columbia, SC 29201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A01N 25/02, 43/60, 43/40, 39/04, 39/02, 37/40 // (A01N 43/60, 25:02) (A01N 43/40, 25:02) (A01N 39/04, 25:02) (A01N 39/02, 25:02) (A01N 37/40, 25:02)

(11) WO 03/026422 (13) A1

(21) PCT/US02/08830

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/325,289 26 Sep/sep 2001 US (26.09.2001)

(30) 60/325,342 26 Sep/sep 2001 US (26.09.2001)

(30) 60/325,343 26 Sep/sep 2001 US (26.09.2001)

(30) 60/361,016 28 Feb/fév 2002 US (28.02.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HERBICIDE MICROEMULSION-FORMING-CONCENTRATES, MICROEMULSIONS, AND METHODS

• CENTRES FORMANT UNE MICROEMULSION HERBICIDE, MICROEMULSIONS ET PROCEDES

(71) PLATTE CHEMICAL CO. [US/US]; 419 18 Street, Greeley, CO 80631-5852 (US).

(72) HEROLD, Anthony, E.; 1836 14th Avenue, Greeley, CO 80631 (US). BEARDMORE,

- Richard, A.; 930 Clydesdale Lane, Windsor, CO 80550 (US). PARRISH, Scott, K.; 16417 North Napa Lane, Spokane, WA 99208 (US).
- (74) SCHULTE, Daniel, C. et al. / etc.; Kagan Binder, PLLC, 221 Main Street North, Suite 200, Stillwater, MN 55082 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 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).
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- (51)<sup>7</sup> A01N 25/08  
(11) WO 03/026423 (13) A1  
(21) PCT/US02/30490  
(22) 26 Sep/sep 2002 (26.09.2002)  
(25) en (26) en  
(30) 60/325,395 27 Sep/sep 2001 US (27.09.2001)  
(30) Not furnished / 17 Sep/sep 2002 US non communiqué (17.09.2002)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • ATTRACTANT PHEROMONE FOR THE COLORADO POTATO BEETLE  
• PHEROMONE ATTRACTIVE POUR LE DORYPHORE DE LA POMME DE TERRE  
(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).
- (72) DICKENS, Joseph, C.; 4430 Columbia Road, Ellicott City, MD (US). OLIVER, James; 11139 Johns Hopkins Road, Laurel, MD 20723 (US).
- (74) PENDORF, Stephan, A. et al. / etc.; Pendorf & Cutliff, P.O. Box 20445, Tampa, FL 33622-0445 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A01N 39/02, 39/04, 37/40, 43/40 // (A01N 39/02, 61:00, 59:26, 59:02, 59:00, 37:02) (A01N 39/02, 61:00, 59:26, 59:02, 59:00, 37:02) (A01N 37/40, 61:00, 59:26, 59:02, 59:00, 37:02)  
(11) WO 03/026424 (13) A1  
(21) PCT/US02/08787
- (22) 21 Mar/mar 2002 (21.03.2002)  
(25) en (26) en  
(30) 60/325,342 26 Sep/sep 2001 US (26.09.2001)  
(30) 60/325,289 26 Sep/sep 2001 US (26.09.2001)  
(30) 60/325,343 26 Sep/sep 2001 US (26.09.2001)  
(30) 60/361,016 28 Feb/fév 2002 US (28.02.2002)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • HERBICIDE COMPOUND IN ACID FORM AND ACIDIFYING AGENT  
• COMPOSE HERBICIDE SOUS FORME D'ACIDE ET AGENT ACIDIFIANT  
(71) PLATTE CHEMICAL CO. [US/US]; 419 18 Street, Greeley, CO 80631-5852 (US).
- (72) PARRISH, Scott, K.; 16417 North Napa Lane, Spokane, WA 99208 (US). BEARDMORE, Richard, A.; 930 Clydesdale Lane, Windsor, CO 80550 (US). HEROLD, Anthony, E.; 1836 14th Avenue, Greeley, CO 80631 (US).
- (74) SCHULTE, Daniel, C. et al. / etc.; Kagan Binder, PLLC, 221 North Main Street, Suite 200, Stillwater, MN 55082 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 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).
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- (51)<sup>7</sup> A01N 43/54, 47/40, 43/88  
(11) WO 03/026425 (13) A1  
(21) PCT/JP02/08638  
(22) 28 Aug/août 2002 (28.08.2002)  
(25) ja (26) ja  
(30) 2001-271535 7 Sep/sep 2001 JP (07.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • PEST CONTROL COMPOSITION  
• COMPOSITION ANTIPARASITAIRE  
(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) SATO, Naoki [JP/JP]; 8-7-20-317, Honmachi, Toyonaka-shi, Osaka 560-0021 (JP).
- (74) KUBOYAMA, Takashi 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 BY BZ CA CH 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 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 SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A01N 47/38  
(11) WO 03/026426 (13) A1  
(21) PCT/EP02/10103  
(22) 10 Sep/sep 2002 (10.09.2002)  
(25) de (26) de  
(30) 101 46 591.2 21 Sep/sep 2001 DE (21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • HERBICIDES CONTAINING SUBSTITUTED THIEN-3-YL-SULFONYLAMINO(THIO)CARBONYL-TRIAZOLIN(THI)ONE  
• HERBICIDES CONTENANT DE LA THIEN-3-YL-SULFONYLAMINO(THIO) CARBONYLTRIAZOLIN (THI) ONE SUBSTITUEE  
(71) BAYER CROPSCIENCE AG [DE/DE]; Alfred-Nobel-Strasse 50, 40789 Monheim (DE).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) FEUCHT, Dieter [DE/DE]; Ackerweg 9, 40789 Monheim (DE). DAHMEN, Peter [DE/DE]; Altebrücker Str. 61, 41470 Neuss (DE). DREWES, Mark, Wilhelm [DE/DE]; Goethestr. 38, 40764 Langenfeld (DE). PONTZEN, Rolf [DE/DE]; Am Kloster 69, 42799 Leichlingen (DE). GESING, Ernst, Rudolf, F. [DE/DE]; Trillser Graben 4, 40699 Erkrath (DE).
- (74) BAYER CROPSCIENCE AG; Legal and Patents, Patents and Licensing, 51368 Leverkusen (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 SI 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 IE IT LU MC NL PT SE 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 SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A01N 47/38  
(11) WO 03/026427 (13) A1  
(21) PCT/EP02/10104  
(22) 10 Sep/sep 2002 (10.09.2002)  
(25) de (26) de  
(30) 101 46 590.4 21 Sep/sep 2001 DE (21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • SELECTIVE HERBICIDES BASED ON SUBSTITUTED THIEN-3-YL-SULFONYLAMINO(THIO)CARBONYL-TRIAZOLIN(THI)ONES AND SAFENERS  
• HERBICIDES SELECTIFS A BASE DE THIEN-3-YL-SULFONYLAMINO(THIO)CARBONYL-TRIAZOLIN(THI)ONES SUBSTITUEES ET DE PHYTOPROTECTEURS  
(71) BAYER CROPSCIENCE AG [DE/DE]; Alfred-Nobel-Strasse 50, 40789 Monheim (DE). (for all designated States except / pour tous les États désignés sauf US)  
(72, 75) FEUCHT, Dieter [DE/DE]; Ackerweg 9, 40789 Monheim (DE). DAHMEN, Peter [DE/DE]; Altebrücker Str. 61, 41470 Neuss (DE). DREWES, Mark, Wilhelm [DE/DE]; Goethestr. 38, 40764 Langenfeld (DE). PONTZEN, Rolf [DE/DE]; Am Kloster 69, 42799 Leichlingen (DE). GESING, Ernst-Rudolf [DE/DE]; Trillser Graben 4, 40699 Erkrath (DE). SCHWARZ, Hans-Georg [DE/DE]; Heinenbusch 19c, 40764 Langenfeld (DE). MÜLLER, Klaus-Helmut [AT/DE]; Solfstr. 19, 40593 Düsseldorf (DE).

(74) BAYER CROPSCIENCE AG; Legal and Patents, Patents and Licensing, 51368 Leverkusen (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 SI 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 IE IT LU MC NL PT SE 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 SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A01N 57/20  
(11) WO 03/026428 (13) A1  
(21) PCT/EP02/10299  
(22) 13 Sep/sep 2002 (13.09.2002)

(25) en (26) en  
(30) 60/323,550 20 Sep/sep 2001 US (20.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • COMPOUNDS, COMPOSITIONS, AND METHODS OF USE FOR GLYPHOSATE SALTS OF ETHER AMINES  
• COMPOSES, COMPOSITIONS ET METHODES D'UTILISATION POUR DES SELS DE GLYPHOSATE D'ETHER AMINES  
(71) BASF CORPORATION [US/US]; 3000 Continental Drive-North, Mount Olive, NJ 07828-1234 (US). BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).  
(72) JONES, Rita, S.; 1004 S. Wellonsburg Place, Apex, NC 27502 (US).  
(74) WERNER, Frank et al. / etc.; c/o BASF Aktiengesellschaft, 67056 Ludwigshafen (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A01N 57/20 // (A01N 57/20, 61:00, 59:02, 59:00, 25:04  
(11) WO 03/026429 (13) A1  
(21) PCT/US02/08952  
(22) 21 Mar/mar 2002 (21.03.2002)  
(25) en (26) en  
(30) 60/325,343 26 Sep/sep 2001 US (26.09.2001)  
(30) 60/325,289 26 Sep/sep 2001 US (26.09.2001)  
(30) 60/325,342 26 Sep/sep 2001 US (26.09.2001)  
(30) 60/361,016 28 Feb/fév 2002 US (28.02.2002)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • HERBICIDE COMPOSITIONS COMPRISING SUSPENSION CONCENTRATE WITH GLYPHOSATE ACID, METHODS OF PREPARATION, AND METHODS OF USE  
• COMPOSITIONS HERBICIDES COMPRENANT UNE SUSPENSION CONCENTREE RENFERMANT DU GLYPHOSATE ACIDE  
(71) PLATTE CHEMICAL CO. [US/US]; 419 18 Street, Greeley, CO 80631-5852 (US).  
(72) HEROLD, Anthony, E.; 1836 14th Avenue, Greeley, CO 80631 (US). BEARDMORE, Richard, A.; 930 Clydesdale Lane, Windsor, CO 80550 (US). PARRISH, Scott, K.; 16417 North Napa Lane, Spokane, WA 99208 (US).  
(74) SCHULTE, Daniel, C. et al. / etc.; Kagan Binder, PLLC, 221 Main Street North, Suite 200, Stillwater, MN 55082 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

(51)<sup>7</sup> A01N 65/00  
(11) WO 03/026430 (13) A1  
(21) PCT/US02/30178  
(22) 23 Sep/sep 2002 (23.09.2002)  
(25) en (26) en  
(30) 60/324,761 25 Sep/sep 2001 US (25.09.2001)  
(30) 60/350,004 17 Jan/jan 2002 US (17.01.2002)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • TREATMENT OF ALLERGIC RHINITIS  
• TRAITEMENT DE LA RHINITE ALLERGIQUE  
(63) US 60/324,761 (CON) 25 Sep/sep 2001 (25.09.2001)  
US 60/350,004 (CON) 17 Jan/jan 2002 (17.01.2002)  
(71) EASTWEST PHARMACEUTICALS INTERNATIONAL LLC [US/US]; 33 Hemingway Street, Shrewsbury, MA 01545 (US). (for all designated States except / pour tous les États désignés sauf US)  
(72, 75) HSU, Ching-Hsiang [—/—]; 118 Yu Der Road, 11-2 floor, Northern District, Taichung (TW).  
(74) TSAO, Rocky, Y.; Fish & Richardson PC, 225 Franklin Street, Boston, MA 02110-2804 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A21D 8/04, C12N 1/16 // (C12N 1/16, C12R 1:85)  
(11) WO 03/026431 (13) A1  
(21) PCT/ES02/00431  
(22) 13 Sep/sep 2002 (13.09.2002)  
(25) es (26) es  
(30) P200102067 14 Sep/sep 2001 ES (14.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • USE OF STRAINS OF TORULASPORA DELBRUECKII IN THE PRODUCTION OF SWEET DOUGHS

- UTILISATION DE SOUCHES DE TORULASPORA DELBRUECKII DANS LA PRODUCTION DE PATES SUCREES

(71) CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS [ES/ES]; C/ Serrano, 117, E-28006 Madrid (ES). UNIVERSIDAD DE VALENCIA [ES/ES]; L'Antiga Senda de Senent, 11 (Edif. Alameda), E-46023 Valencia (ES).

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

(72, 75) RANDEZ GIL, María, Francisca [ES/ES]; Instituto de Agroquímica y Tecnología de Alimentos, Apartado 73, E-46100 Burjassot (Valencia) (ES). PRIETO ALEMÁN, José, Antonio [ES/ES]; Instituto de Agroquímica y Tecnología de Alimentos, Apartado 73, E-46100 Burjassot (Valencia) (ES). HERNÁNDEZ LÓPEZ, María, José [ES/ES]; Universidad de Valencia, L'Antiga Senda de Senent, 11 (Edif. Alameda), E-46023 Valencia (ES).

(74) REPRESA SÁNCHEZ, Domingo; Consejo Superior de Investigaciones Científicas, C/ Serrano, 117, E-28006 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 ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A22B 5/00

(11) WO 03/026432 (13) A1

(21) PCT/DK02/00602

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) PA 2001 01400 26 Sep/sep 2001 DK (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SUCTION HEAD FOR CLEANING OF THE SURFACE OF CARCASS PARTS

- TETE D'ASPIRATION PERMETTANT DE NETTOYER LA SURFACE DE PORTIONS DE CARCASSE

(71) SLAGTERIERNES FORSKNINGINSTITUT [DK/DK]; Maglegaardsvej 2, DK-4000 Roskilde (DK).

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

(72, 75) SOERENSEN, Jens, Joerren [DK/DK]; Blekingegade 1, 4, DK-2300 Koebenhavn S (DK). TEILMANN, Jens [DK/DK]; Bekkasinvej 12, Himmelvej, DK-4000 Roskilde (DK). MOELLER, Helge [DK/DK]; Soellingsvej 6, DK-2920 Charlottenlund (DK).

(74) SLAGTERIERNES FORSKNINGINSTITUT; Maglegaardsvej 2, DK-4000 Roskilde (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 GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A23C 9/12, A47J 41/00, B65D 1/10

(11) WO 03/026433 (13) A1

(21) PCT/FR02/03198

(22) 19 Sep/sep 2002 (19.09.2002)

(25) fr (26) fr

(30) 01/12410 27 Sep/sep 2001 FR (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • JAR FOR YOGURT PREPARATION AND HOUSEHOLD YOGURT MAKER

- POT DE PREPARATION DE YAOURT ET YAOURTIERE MENAGERE

(71) SEB S.A. [FR/FR]; Les 4 M, Chemin du Petit Bois, F-69130 Ecully (FR).

(72) LEVERRIER, Bruno; Hameau de Flagy, F-14210 Sainte Honorine Du Fay (FR). CURIS, Anne-Sophie; 10, allée du Mesnil, F-35572 Chantepie Cedex (FR).

(74) GOSSOT, Patrick; SAS. Groupe SEB Moulinex, Propriété Industrielle, 8, rue du Colonel Rémy, F-14054 Caen Cedex (FR).

(81) CN RU.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A23G 7/00

(11) WO 03/026434 (13) A1

(21) PCT/GB02/04331

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 0122962.4 25 Sep/sep 2001 GB (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SORTING STICKS FOR LOLLIPOPS

- TRI DE BATONS POUR SUCETTES

(71) APV SYSTEMS LIMITED [GB/GB]; Manor Drive, Paston Parkway, Peterborough PE4 7AP (GB).

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

(72, 75) WRAY, Martyn, Thomas [GB/GB]; 11 Ermine Rise, Great Casterton, Stamford PE9 4AJ (GB). HALL, Russell, Kevin [GB/GB]; 19 Horse Gate, Deeping St James, Peterborough PE6 8EN (GB).

(74) BARKER BRETTELL; Medina Chambers, Town Quay, Southampton SO14 2AQ (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A23K 1/175, 1/18

(11) WO 03/026435 (13) A1

(21) PCT/US02/30372

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 60/324,593 25 Sep/sep 2001 US (25.09.2001)

(30) 10/246,720 19 Sep/sep 2002 US (19.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • RUMINANT FEED COPOSITIONS CONTAINING METALS

- COMPOSITIONS ALIMENTAIRES POUR RUMINANTS CONTENANT DES METAUX

(71, 72) CECAVA, Michael, J. [US/US]; 8760 North, 100 East, Decatur, IN 46733 (US). DOANE, Perry, H. [US/US]; 10203 North, 200 East, Decatur, IN 46733 (US). DUNN, James, L. [US/US]; 4350 West, 500 North, Decatur, IN 46733 (US).

(74) LUDWIG, Steven, R. et al. / etc.; Sterne, Kessler, Goldstein &amp; Fox P.L.L.C., Suite 600, 1100 New York Avenue, Washington, DC 20005-3934 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A23K 1/18, 1/00, 1/10

(11) WO 03/026436 (13) A1

(21) PCT/US02/30217

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/962,399 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NEW PET FOOD COMPOSITION AND METHOD

• NOUVELLE COMPOSITION DE NOURRITURE POUR ANIMAUX DOMESTIQUES ET PROCEDE CONNEXE

(71) HILL'S PET NUTRITION, INC. [US/US]; 400 Southwest 8th Street, Topeka, KS 66603 (US).

(72) CHEUK, Wai, Lun; 5708 S.W. 33rd Court, Topeka, KS 66614 (US). DIERKING, Mark, Lee; 4700 N.W. Redwood Drive, Topeka, KS 66618 (US).

(74) BARANCIK, Martin, B.; Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855-1343 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

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

(11) WO 03/026437 (13) A2

(21) PCT/US02/29761

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 60/323,895 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FRYING APPARATUS WITH CLOSED LOOP COMBUSTION CONTROL AND METHOD

• APPAREIL DE FRITURE AVEC COMMANDE DE COMBUSTION EN BOUCLE FERMEE ET PROCEDE ASSOCIE

(71) THE FRYMASTER CORPORATION [US/US]; 8700 Line Avenue, P.O. Box 51000, Shreveport, LA 71135-1000 (US).

(72) TAYLOR, Raymond, G.; 1610 Ontario, Shreveport, LA 71106 (US).

(74) GREELEY, Paul, D.; Ohlandt, Greeley, Ruggiero and Perle, L.L.P., One Landmark Square, 10th Floor, Stamford, CT 06901-2682 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A23L 1/0522, 1/054, 1/0562, 1/09, 1/305, 1/10, A61K 31/197, 47/26, 47/36, 47/42, 47/10

(11) WO 03/026438 (13) A1

(21) PCT/CA02/01441

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 2,358,045 25 Sep/sep 2001 CA (25.09.2001)

(30) 60/348,584 15 Jan/jan 2002 US (15.01.2002)

(30) 60/396,548 18 Jul/juil 2002 US (18.07.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A CARBOHYDRATE-BASED DELIVERY SYSTEM FOR CREATINE AND OTHER BIOACTIVE INGREDIENTS

• SYSTEME D'ADMINISTRATION A BASE D'HYDRATE DE CARBONE POUR LA CREATINE ET D'AUTRES AGENTS BIOACTIFS

(71) 9103-3019 QUEBEC, INC. [CA/CA]; 147 Dufferin Road, Hampstead, Quebec H3X 2Y2 (CA).

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

(72, 75) FARBER, Michael [CA/CA]; 850 Muir, Apt. 401, Ville St. Laurent, Quebec H4L 5M4 (CA). FARBER, Jonathan [CA/CA]; 8804 Ernest Savignac, Montreal, Quebec H2M 2M3 (CA).

(74) MBM & CO.; P.O. Box 809, Station B, Ottawa, Ontario K1P 5P9 (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 SD SE SG SI 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 IE IT LU MC NL PT SE 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 all designations / pour toutes les désignations

(51)<sup>7</sup> A23L 1/0522, 1/054, 1/0562, 1/09, 1/305, 1/10, A61K 31/197, 47/26, 47/36, 47/42, 47/10

(11) WO 03/026439 (13) A1

(21) PCT/CA02/01442

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 2,358,045 25 Sep/sep 2001 CA (25.09.2001)

(30) 60/348,584 15 Jan/jan 2002 US (15.01.2002)

(30) 60/396,548 18 Jul/juil 2002 US (18.07.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A STARCH-BASED DELIVERY SYSTEM FOR CREATINE

• SYSTEME D'ADMINISTRATION A BASE D'AMIDON POUR CREATINE

(71) 9103-3019 QUEBEC, INC. [CA/CA]; 147 Dufferin Road, Hampstead, Quebec H3X 2Y2 (CA).

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

(72, 75) FARBER, Michael [CA/CA]; 850 Muir, Apt. 401, Ville St. Laurent, Quebec H4L 5M4 (CA). FARBER, Jonathan [CA/CA]; 8804 Ernest Savignac, Montreal, Quebec H2M 2M3 (CA).

(74) MBM & CO.; P.O. Box 809, Station B, Ottawa, Ontario K1P 5P9 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 all designations / pour toutes les désignations

(51)<sup>7</sup> A23L 1/172, 1/302

(11) WO 03/026440 (13) A1

(21) PCT/US02/30269

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/965,642 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MASA FLAVORED CEREAL GERM AND A PROCESS FOR MAKING SAME

• GERMES DE CEREALES AROMATISES AU MASA ET PROCEDE DE PRODUCTION DESDITS GERMES

(71) CARGILL, INCORPORATED [US/US]; P.O. Box 5624, Minneapolis, MN 55440-5624 (US).

(72) BRUBACHER, Edward; 1128 East 56th Street, Indianapolis, IN 46220 (US). PAUSE, James; 10105 Cornith Way, Avon, IN 46123 (US). SHEEHAN, Steve, T.; 12232 Bedrock Court, Fishers, IN 46038 (US). ANSUI, Xu; 5278 Ivy Hill Drive, Carmel, IN 46033 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A23L 1/19, A23D 7/00, A23G 3/00  
(11) WO 03/026441 (13) A1  
(21) PCT/JP02/09801  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) ja (26) ja  
(30) 2001/293253 26 Sep/sep 2001 JP  
(26.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • FOAMING OIL-IN-WATER TYPE  
EMULSIONS AND PROCESS FOR  
PRODUCING THE SAME  
• EMULSIONS DE TYPE HUILE-  
DANS-EAU POUVANT SE TRANS-  
FORMER EN MOUSSE ET PROCEDE  
DE PRODUCTION CORRESPONDANT
- (71) FUJI OIL COMPANY, LIMITED [JP/JP];  
1-5, Nishishinsaibashi 2-chome, Chuo-ku,  
Osaka-shi, Osaka 542-0086 (JP).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) ICHIYAMA, Hiroyuki [JP/JP]; c/o  
Fuji Oil Company, Limited, Hannan Factory,  
1, Sumiyoshi-cho, Izumisano-shi, Osaka  
598-8540 (JP). NISHITANI, Masahiro  
[JP/JP]; c/o Fuji Oil Company, Limited,  
Hannan Factory, 1, Sumiyoshi-cho, Izu-  
misano-shi, Osaka 598-8540 (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A23L 1/20, A23D 9/00, A23L 1/315  
(11) WO 03/026442 (13) A1  
(21) PCT/JP02/09751  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) ja (26) ja  
(30) 2001/294770 26 Sep/sep 2001 JP  
(26.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • TOFU EMULSION AS FOOD MATE-  
RIAL, PROCESS FOR PRODUCING  
THE SAME, PROCESSED FOODS US-  
ING THE TOFU EMULSION AND  
PROCESS FOR PRODUCING THE  
SAME  
• EMULSION DE TOFU UTILISEE  
EN TANT QUE BASE ALIMEN-  
TAIRE, PROCEDE DE PRODUCTION
- DE CETTE EMULSION, ALIMENT  
TRAITE UTILISANT CETTE EMUL-  
SION DE TOFOU ET PROCEDE DE  
PRODUCTION DE CES ALIMENTS
- (71) ASAHI FOOD PROCESSING CO., LTD.  
[JP/JP]; 21-6, Higashi-Ikebukuro 4-chome,  
Toshima-ku, Tokyo 170-0013 (JP).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) TAGUCHI, Akihiro [JP/JP]; c/o Asahi  
Food Processing Co., Ltd., Foods Laboratory,  
17-8, Mochita 2-chome, Gyoda-shi, Saitama  
361-0056 (JP). NAKAGAWA, Eriko [JP/JP];  
c/o Asahi Food Processing Co., Ltd., Foods  
Laboratory, 17-8, Mochita 2-chome, Gyoda-  
shi, Saitama 361-0056 (JP). TOKUMARU,  
Nobumichi [JP/JP]; c/o Asahi Food Process-  
ing Co., Ltd., Foods Laboratory, 17-8, Mo-  
chita 2-chome, Gyoda-shi, Saitama 361-0056  
(JP). IWAMOTO, Yasushi [JP/JP]; c/o Asahi  
Food Processing Co., Ltd., Foods Laboratory,  
17-8, Mochita 2-chome, Gyoda-shi, Saitama  
361-0056 (JP).
- (74) SUZUKI, Shoji et al. / etc.; Nihonseimeiy-  
otsuya Bldg. 6th Fl., 16-2, Samoncho, Shin-  
juku-ku, Tokyo 160-0017 (JP).
- (81) JP KR US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> A23L 1/216, 1/217, A23P 1/08, A23B 7/06  
(11) WO 03/026443 (13) A1  
(21) PCT/GB02/04332  
(22) 25 Sep/sep 2002 (25.09.2002)  
(25) en (26) en  
(30) 0123015.0 25 Sep/sep 2001 GB  
(25.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD OF PREPARING A POTATO  
BASED FOOD PRODUCT  
• PROCEDE DE FABRICATION D'UN  
PRODUIT ALIMENTAIRE A BASE DE  
POMMES DE TERRE
- (71, 72) HOWARD, John, G. [GB/GB];  
Breacham Lodge, Church Lane, Bircham,  
King's Lynn PE31 6QW (GB).
- (74) GRAY, James; Withers & Rogers, Goldings  
House, 2 Hays Lane, London SE1 2HW (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A23L 1/30, 2/38, 2/52, 1/304, 1/302  
(11) WO 03/026444 (13) A1  
(21) PCT/AT02/00279  
(22) 25 Sep/sep 2002 (25.09.2002)  
(25) de (26) de
- (30) A 1534/2001 27 Sep/sep 2001 AT  
(27.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • MIXTURE OF BASE-CONTAINING MI-  
CRONUTRIENT SUBSTANCES  
• MELANGE DE SUBSTANCES MICRO-  
NUTRITIVES RENFERMANT DES  
BASES
- (71) ÖKOPHARM FORSCHUNGS- UND  
ENTWICKLUNGS GMBH [AT/AT];  
Moosham 29, A-5580 Unternberg (AT).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) FUCHS, Norbert [AT/AT]; Bruckdorf  
135, A-5571 Mariapfarr (AT). KÖSSLER,  
Peter [AT/AT]; Bruckdorf 135, A-5571 Mari-  
apfarr (AT).
- (74) SONN, Helmut et al. / etc.; Reimergasse 14,  
A-1010 Wien (AT).
- (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A23L 1/303, 2/52  
(11) WO 03/026445 (13) A1  
(21) PCT/US02/30516  
(22) 26 Sep/sep 2002 (26.09.2002)  
(25) en (26) en  
(30) 60/324,909 27 Sep/sep 2001 US  
(27.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • VITAMIN FORTIFICATION OF FOOD-  
STUFFS  
• VITAMINISATION DE PRODUITS ALI-  
MENTAIRES
- (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) LING, Alvin [US/US]; 14138 Car-  
dinal Lane, Houston, TX 77079 (US).  
WYLAND, Alan [US/US]; 657 Willow-  
wood Avenue, Altamonte Springs, FL 32714  
(US). WILLIAMS, Karen [US/US]; 12206  
Windermere Crossing Circle, Winger Garden,  
FL 34787 (US).
- (74) BIRCH, Anthony, L. et al. / etc.; Finnegan,  
Henderson, Farabow, Garrett & Dunner,  
L.L.P., 1300 I Street, NW, Washington, DC  
20005-3315 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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

Published / Publiée : (a)

RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)<sup>7</sup> A23L 1/304, 1/03

(11) WO 03/026446 (13) A1

(21) PCT/JP01/08119

(22) 19 Sep/sep 2001 (19.09.2001)

(25) ja (26) ja

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • FOOD-ADDITIVE SLURRY COMPOSITION AND POWDER COMPOSITION, AND FOOD COMPOSITION CONTAINING THESE

- COMPOSITION D'ADDITIF ALIMENTAIRE EN POUDRE ET EN COULIS ET COMPOSITION ALIMENTAIRE LES CONTENANT

(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) HOJO, Hisakazu [JP/JP]; c/o Maruo Calcium Company Limited, 1455, Nishioka, Uozumi-cho, Akashi-shi, Hyogo 674-0084 (JP). KUBOTA, Naoki [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 BY BZ CA CH 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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA 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 BG CH CY CZ DE DK EE 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).

(51)<sup>7</sup> A23L 1/32

(11) WO 03/026447 (13) A1

(21) PCT/US02/29704

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/961,790 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • CONTINUOUS PROCESS FOR PRODUCTION OF SCRAMBLED EGGS

- PROCEDE CONTINU DE PRODUCTION D'OEUF BROUILLES

(71) CARGILL, INCORPORATED [US/US]; P.O. Box 5624, Minneapolis, MN 55440-5624 (US).

(72) SANDERSON, Charles; 111 Marquette Avenue South, #3003, Minneapolis, MN 55401 (US). UPTAIN, Kevin; 2250 South Plymouth Road, #112, Minnetonka, MN 55305 (US). PROCHNOW, Robert; One Eldorado, Delwood, MN 55110 (US).

(74) KRUEGER, James, P. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A24C 5/34

(11) WO 03/026448 (13) A1

(21) PCT/JP02/09817

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001/291064 25 Sep/sep 2001 JP (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • VISUAL INSPECTION SYSTEM FOR ROD-LIKE ARTICLE

- SYSTEME DE CONTROLE VISUEL POUR ARTICLE SEMBLABLE A UNE TIGE

(71) JAPAN TOBACCO INC. [JP/JP]; 2-1, Toranomon 2-chome, Minato-ku, Tokyo 105-8422 (JP).

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

(72, 75) HANAOKA, Chihiro [JP/JP]; c/o JAPAN TOBACCO INC., 17-7, Yokokawa 1-chome, Sumida-ku, Tokyo 130-8603 (JP). OTAKA, Yasuhiro [JP/JP]; c/o JAPAN TOBACCO INC., 17-7, Yokokawa 1-chome, Sumida-ku, Tokyo 130-8603 (JP). KIDA, Shinzo [JP/JP]; c/o JAPAN TOBACCO INC., 17-7, Yokokawa 1-chome, Sumida-ku, Tokyo 130-8603 (JP).

(74) NAGATO, Kanji; 5F, SKK Bldg., 8-1, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

(11) WO 03/026449 (13) A2

(21) PCT/BR02/00134

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) PI0104789-2 25 Sep/sep 2001 BR (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • CONSTRUCTIVE ARRANGEMENT FOR A MANUAL OR AUTOMATIC LIVE-SAVING JACKET

- CONFIGURATION D'UN GILET DE SAUVETAGE A ACTIONNEMENT MANUEL OU AUTOMATIQUE

(71, 72) HODARA, Alberto, Cesar [BR/BR]; Rua Dona Laura, 655/801, CEP-90430-180 Porto Alegre, RS (BR).

(74) PINHEIRO NETO - ADVOGADOS; Rua Boa Vista, 254 - 9º andar, CEP-01014-907 São Paulo, SP (BR).

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

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

(11) WO 03/026450 (13) A2

(21) PCT/EP02/07731

(22) 11 Jul/juil 2002 (11.07.2002)

(25) en (26) en

(30) VR2001A000101 21 Sep/sep 2001 IT (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • CLOTHING ITEM

- VETEMENT

(71, 72) MISTURA, Giovanni [IT/IT]; Via Madonnina, 82, I-37057 S. Giovanni Lupatoto (IT).

(74) LANZONI, Luciano; Bugnion S.p.A., Via Garibaldi, 19, I-37121 Verona (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A42B

(11) WO 03/026451 (13) A2

(21) PCT/KR02/01829

- (22) 27 Sep/sep 2002 (27.09.2002)  
 (25) ko (26) en  
 (30) 2001/30052 U 28 Sep/sep 2001 KR  
 (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HEADGEAR  
 • COUVRE-CHEF
- (71) YUPOONG, INC. [KR/KR]; 416-1, Guro-dong, Guro-gu, 152-050 Seoul (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PARK, Haeng-Sam [KR/KR]; BF2 183-178, Huikyung-dong, Dongdaemun-gu, 130-090 Seoul (KR).
- (74) YOU ME PATENT & LAW FIRM; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, 135-080 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A42B 3/32  
 (11) WO 03/026452 (13) A1  
 (21) PCT/CA02/01455  
 (22) 25 Sep/sep 2002 (25.09.2002)  
 (25) en (26) en  
 (30) 2,357,690 25 Sep/sep 2001 CA  
 (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • LOCKING DEVICE FOR ADJUSTABLE HELMETS  
 • DISPOSITIF DE VERROUILLAGE POUR CASQUES REGLABLES
- (71) BAUER NIKE HOCKEY, INC. [CA/CA]; 1200 Boulevard International, St-Jérôme, Québec J7Z 5T5 (CA).  
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- (72, 75) RACINE, Bertrand [CA/US]; 1895 NW 143rd J-12, Portland, OR 97229 (US).
- (74) GEORGIEV, Stephan, P. et al. / etc.; Smart & Biggar, Suite 3400, 1000 de la Gauchetière Street West, Montreal, Quebec H3B 4W5 (CA).
- (81) US.  
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> A43B  
 (11) WO 03/026453 (13) A2  
 (21) PCT/US02/29548  
 (22) 18 Sep/sep 2002 (18.09.2002)  
 (25) en (26) en  
 (30) 09/960,627 21 Sep/sep 2001 US  
 (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FOOTWEAR WITH BLADDER TYPE STABILIZER  
 • CHAUSSURE AVEC STABILISATEUR DE TYPE VESSIE
- (71) NIKE INTERNATIONAL LTD. [US/US]; One Bowerman Drive, Beaverton, OR 97005-6453 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) POTTER, Daniel, R. [US/US]; 1604 Birch Street, Forest Grove, OR 97116 (US).  
 VOGEL, Lorrie, G. [US/US]; 13305 Fox Run, Lake Oswego, OR 97034 (US).
- (74) NIEGOWSKI, James, A.; Banner & Witcoff, Ltd., 11th floor, 1001 G. Street, N.W., Washington, DC 20001-4597 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A43B 3/20  
 (11) WO 03/026454 (13) A1  
 (21) PCT/ES02/00450  
 (22) 25 Sep/sep 2002 (25.09.2002)  
 (25) es (26) es  
 (30) 2332 2001 26 Sep/sep 2001 CL  
 (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SHOE PROTECTOR  
 • PROTECTION POUR CHAUSSURE
- (71, 72) HARRISON EYQUEM, Felipe Luis [CL/ES]; C.M.U. Pedro Cerbuna, Ciudad Universitaria, E-50009 Zaragoza (ES).
- (81) AT BG BR CH CN CZ DE DK EE ES FI GB LU PT SE SK TR US.  
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Declaration / Déclaration :  
*(u) for / pour US only / seulement*
- 
- (51)<sup>7</sup> A43B 7/28, B29D 31/515, A43D 1/02  
 (11) WO 03/026455 (13) A1  
 (21) PCT/FR02/03031  
 (22) 6 Sep/sep 2002 (06.09.2002)  
 (25) fr (26) fr  
 (30) 01/12615 27 Sep/sep 2001 FR  
 (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR MAKING A PREFORMED MODULE FOR A THERMOFORMED SOLE, PREFORMED MODULE AND THERMOFORMED SOLE  
 • PROCEDE DE FABRICATION D'UN MODULE PREFORME POUR SEMELLE THERMOFORMEE, MODULE PREFORME ET SEMELLE THERMOFORMEE
- (71) CAPRON GUY S.A. [FR/FR]; Zone d'activité du Tgv - Zone Coriolis, 71210 Ecuisses (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CAPRON, Guy, Alain [FR/FR]; 25, le Bois Labert, 71670 Le Breuil (FR).
- (74) NITHARDT, Roland; Cabinet Nithardt & Associés S.A., B.P. 1445, F-68071 Mulhouse Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A44B 1/04  
 (11) WO 03/026456 (13) A1  
 (21) PCT/KR02/01777  
 (22) 19 Sep/sep 2002 (19.09.2002)  
 (25) en (26) en  
 (30) 2001-29806 U 27 Sep/sep 2001 KR  
 (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • AN ORNAMENT FOR DECORATING A BUTTON  
 • ORNEMENT DE DECORATION DE BOUTON
- (71, 72) PARK, Mi-Ran [KR/KR]; #302, Keo-sung Villa, 241-22, Bulkwang-1 dong., Eunpyung-gu, Seoul 122-856 (KR).
- (74) LEE, Hi-Gwon; #303, Daedong Building, 1407-9, Deokjin-dong 1-ga, Deokjin-gu, Jeon Ju 561-811 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A45D 7/02  
 (11) WO 03/026457 (13) A1  
 (21) PCT/BE01/00167  
 (22) 25 Sep/sep 2001 (25.09.2001)  
 (25) fr (26) fr  
 (43) 3 Apr/avr 2003 (03.04.2003)



(54) • HAIR STRAIGHTENING AND STYLING DEVICE

• DISPOSITIF DEFRISEUR ET MODELEUR DE CHEVEUX.

(71) FACO S.A. [BE/BE]; Avenue de l'Indépendance 25, B-4020 Wandre (BE).

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

(72, 75) RIZZUTO, Leandro [US/US]; 229 Byram Shore Road, Greenwich, CT 06830 (US).

(74) VAN MALDEREN, Michel et al. / etc.; c/o Office Van Malderen, Bld. de la Sauvenière 85/43, B-4000 Liège (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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA 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 GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A45D 44/00

(11) WO 03/026458 (13) A2

(21) PCT/US02/29515

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 60/324,493 24 Sep/sep 2001 US (24.09.2001)

(30) 60/357,001 14 Feb/fév 2002 US (14.02.2002)

(30) 29/157,727 22 Mar/mar 2002 US (22.03.2002)

(30) 60/405,126 22 Aug/août 2002 US (22.08.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS AND METHOD FOR CUSTOM COSMETIC DISPENSING

• APPAREIL ET PROCÉDE DE DISTRIBUTION A LA DEMANDE DE COSMETIQUES

(71) IMX LABS, INC. [US/US]; 689 Suffield, Birmingham, MI 48009 (US).

(72) BARTHOLOMEW, Julie, R.; 689 Suffield, Birmingham, MI 48009 (US). JOBE, Richard, T.; 4817 Avocet Ct., Dayton, OH 45424 (US). BODIKER, Thomas, C., II; 4314 Gorman Avenue, Englewood, OH 45322 (US). O'MEARA, Timothy, E.; 2369 Lantz Rd., Beavercreek, OH 45434 (US). HANSELMAN, Dave; 916 E. Pearl Street, Miamisburg, OH 45342 (US). FOLEY, Jim; 4196 Wagner Rd., Kettering, OH 45429 (US).

(74) DOBRUSIN, Eric, M.; Dobrusin & Then-nisch PC, 401 S. Old Woodward Avenue, Suite 311, Birmingham, MI 48009 (US).

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

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A45D 44/22, A61F 5/01, 5/02

(11) WO 03/026459 (13) A1

(21) PCT/JP02/09750

(22) 24 Sep/sep 2002 (24.09.2002)

(25) ja (26) ja

(30) 2001/288035 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CHIN ORTHOTIC

• APPAREIL ORTHOPÉDIQUE POUR LE MENTON

(71, 72) NISHIOKA, Masaki [JP/JP]; 39-14, Nakatchara 2-chome, Kouhoku-ku, Yokohama-shi, Kanagawa 222-0023 (JP).

(74) SASAI, Hiroki; Kiyoken Bldg., Yokohama-Just, 12-6, Takashima 2-chome, Nishi-ku, Yokohama-shi, Kanagawa 220-0011 (JP).

(81) CN KR US.

Published / Publiée : (c)

(51)<sup>7</sup> A46B 3/16

(11) WO 03/026460 (13) A1

(21) PCT/IB02/03094

(22) 5 Aug/août 2002 (05.08.2002)

(25) it (26) en

(30) BO01A000578 21 Sep/sep 2001 IT (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CLEANING ELEMENT FOR BROOMS OR BRUSHES

• ELEMENT NETTOYANT POUR BALAIS ET BROSSES

(71, 72) SARTORI, Francesco [IT/IT]; Via San Felice, 44, I-40122 Bologna (IT).

(74) LANZONI, Luciano; Bugnion S.p.A., Via Goito, 18, I-40126 Bologna (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A47B 25/00

(11) WO 03/026461 (13) A1

(21) PCT/DE02/02198

(22) 17 Jun/juin 2002 (17.06.2002)

(25) de (26) de

(30) 201 14 288.0 31 Aug/août 2001 DE (31.08.2001)

(30) 201 18 182.7 8 Nov/nov 2001 DE (08.11.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TABLE TENNIS TABLE

• TABLE DE PING-PONG

(71) HEINZ KETTLER GMBH & CO. KG [DE/DE]; Hauptstrasse 28, 59469 Ense (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROCHOLL, Reinhard [DE/DE]; Im Spring 26, 59494 Soest (DE). KETTLER, Joachim [DE/DE]; Fasanenweg 9, 59469 Ense (DE). KETTLER, Heinz [DE/DE]; Zum Stakenberg 7, 59469 Ense (DE).

(74) BASFELD, Rainer et al. / etc.; Ostentor 9, 59757 Arnsberg (DE).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> A47B 96/06

(11) WO 03/026462 (13) A1

(21) PCT/US02/29729

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 09/961,333 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MOUNTING BRACKET FOR AN INSULATOR ASSEMBLY

• SUPPORT DE MONTAGE POUR ENSEMBLE ISOLATEUR

(71) HUBBELL INCORPORATED [US/US]; 584 Derby Milford Road, Orange, CT 06466-4024 (US).

(72) ROBERTS, Gerald; 152 Payne, Paris, MO 65275 (US).

(74) BICKS, Mark et al. / etc.; Roylance, Abrams, Berdo & Goodman, L.L.P., 1300 19th Street, N.W., Suite 600, Washington, DC 20036 (US).

(81) AE AG AL AM AT (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 SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A47D 15/00, A62B 35/00, B60R 22/10, 22/12

(11) WO 03/026463 (13) A1

(21) PCT/US01/29957

(22) 26 Sep/sep 2001 (26.09.2001)

(25) en (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • VEHICULE PASSENGER SAFETY DEVICES

• DISPOSITIFS DE SECURITE POUR PASSAGER DE VEHICULE

(71, 72) STOLL, Louise, F. [US/US]; 1509 N. Colonial Court, Arlington, VA 22209 (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 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA 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 GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A47G 7/06, 7/08, A01G 9/02, 9/04, B65D 85/52

(11) WO 03/026464 (13) A1

(21) PCT/AU02/01299

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 2001100401 24 Sep/sep 2001 AU (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FLOWER CONTAINER

• POT A FLEURS

(71) S & M WATSON PTY LTD [AU/AU]; 10 Seaforth Avenue, Broadbeach Waters, Gold Coast, QLD 4218 (AU).

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(72, 75) WATSON, Loraine, Gaye [AU/AU]; 10 Seaforth Avenue, Broadbeach Waters, Gold Coast, QLD 4218 (AU).

(74) GARDNER, John, R, G; Suite 398, 15 Albert Avenue, Broadbeach, Gold Coast, QLD 4218 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A47G 27/04

(11) WO 03/026465 (13) A1

(21) PCT/IB02/02442

(22) 25 Jun/juin 2002 (25.06.2002)

(25) de (26) de

(30) 2001 1181/01 26 Jun/juin 2001 CH (26.06.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ANTI-SLIP ARRANGEMENT FOR CARPETS

• DISPOSITIF ANTIDERAPANT POUR TAPIS

(71, 72) ELKUCH, Sigmund [LL/LI]; Im Gapetsch 8, FL-9494 Schaan (LI).

(74) ROSENICH, Paul et al. / etc.; Patentbüro Paul Rosenich AG, BGZ, FL-9497 Triesenberg (LI).

(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 SD SE SG SI SK (Utility model / modèle d'utilité) 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).

(51)<sup>7</sup> A47G 29/20, E05B 63/24

(11) WO 03/026466 (13) A1

(21) PCT/DK02/00543

(22) 20 Aug/août 2002 (20.08.2002)

(25) da (26) en

(30) PA 2001 01234 20 Aug/août 2001 DK (20.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A CASE FOR RECEIVING AND KEEPING PARCELS IN A THEFTPROOF MANNER

• BOITIER DESTINE A RECEVOIR ET RENFERMER DES COLIS DE MANIERE INVOLABILE

(71) SÖLUND EXTERIEUR APS [DK/DK]; Efterårsvej 9, DK-4654 Fakse Ladeplads (DK).

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

(72, 75) SÖLUND, Jørgen [DK/DK]; Efterårsvej 9, DK-4654 Fakse Ladeplads (DK). STENTOFTE, Lars [DK/DK]; Øresundsallé 7, DK-2790 Dragør (DK).

(74) HOLME PATENT A/S; Vesterbrogade 20, DK-1620 Copenhagen V (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A47J

(11) WO 03/026467 (13) A2

(21) PCT/EP02/10114

(22) 10 Sep/sep 2002 (10.09.2002)

(25) en (26) en

(30) MI01A001974 21 Sep/sep 2001 IT (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM FOR TRANSFERRING INDIVIDUAL COFFEE PACKAGES FROM A CONTAINER TO THE EXTRACTION CHAMBER OF A MACHINE FOR MAKING ESPRESSO COFFEE

• SYSTEME PERMETTANT DE TRANSFERER DES EMBALLAGES DE CAFE INDIVIDUELS D'UN CONTENANT A LA CHAMBRE D'EXTRACTION D'UNE MACHINE A EXPRESSO

(71) ILLYCAFFE' S.P.A. [IT/IT]; Via Flavia, 110, I-34147 Trieste (IT).

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

(72, 75) DELLA PIETRA, Bruno [IT/IT]; Illycaffè S.p.A., Via Flavia, 110, I-34147 Trieste (IT). RACCHI, Gianfranco [IT/IT]; Illycaffè S.p.A., Via Flavia, 110, I-34147 Trieste (IT). RACCHI, Pierpaolo [IT/IT]; Illycaffè S.p.A., Via Flavia, 110, I-34147 Trieste (IT). SUGGI LIVERANI, Furio [IT/IT]; Illycaffè S.p.A., Via Flavia, 110, I-34147 Trieste (IT).

(74) FERRAILOLO, Rossana et al. / etc.; Via Napo Torriani, 10, I-20124 Milano (IT).

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

(51)<sup>7</sup> A47J

(11) WO 03/026468 (13) A2

(21) PCT/FR02/03216

(22) 20 Sep/sep 2002 (20.09.2002)

(25) fr (26) fr

(30) 01/12411 27 Sep/sep 2001 FR (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HOUSEHOLD YOGURT MAKER

• YAOURTIERE MENAGERE

(71) SEB S.A. [FR/FR]; Les 4 M, Chemin du Petit Bois, F-69130 Ecully (FR).

(72) LEVERRIER, Bruno; Hameau de Flagy, F-14210 Sainte Honorine Du Fay (FR).

CURIS, Anne-Sophie; 10, allée du Mesnil, F-35572 Chantepie Cedex (FR).

(74) GOSSOT, Patrick; SAS. Groupe SEB Moulinex, Propriété Industrielle, 8, rue du Colonel Rémy, F-14054 Caen Cedex (FR).

(81) CN RU.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declaration / Déclaration :

(f) for all designations / pour toutes les désignations

(51)<sup>7</sup> A47J

(11) WO 03/026469 (13) A2

(21) PCT/US02/30903

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/966,805 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COUNTER-TOP ELECTRIC COOKER HAVING A SAFETY SHUT-OFF SWITCH

• FOUR ELECTRIQUE POSABLE A COMMUTATEUR D'ARRET SECURISE

(71) HEARTHWARE HOME PRODUCTS, INC. [US/US]; 302 Terrace Drive, Mundelein, IL 60060 (US).

(72) MOON, Jung, S.; 421 Foxford Drive, Buffalo Grove, IL 60089 (US). LEE, Heejin; 7848 Nursery Drive, Gurnee, IL 60031 (US). LIU, Rong; 519 South Milwaukee Avenue, Wheeling, IL 60090 (US). CHAE, Kitak; 480 PungNap 1 Dong, SongPa-Ku, 138-041 (KR).

(74) KIM, B., Joe; Bell, Boyd & Lloyd LLC, P.O. Box 1135, Chicago, IL 60690-1135 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A47J 31/06

(11) WO 03/026470 (13) A2

(21) PCT/NL02/00614

(22) 23 Sep/sep 2002 (23.09.2002)

(25) nl (26) en

(30) 1019013 21 Sep/sep 2001 NL (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CAPPUCCINO PREPARATION

• PREPARATION DE CAPPUCCINO

(71) SARA LEE/DE N.V. [NL/NL]; Keulsekade 143, NL-3532 AA Utrecht (NL).

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

(72, 75) KNITEL, Joseph, Theodoor [NL/NL]; Groeneweg 85, NL-3531 VC Utrecht (NL).

(74) PRINS, A. W.; Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A47K 3/28

(11) WO 03/026471 (13) A1

(21) PCT/US02/30910

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/965,150 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ADD-ON MULTI-HEAD BODY SPRAY SHOWER

• DOUCHE POUR PULVERISATION CORPORELLE, A POMMES MULTIPLES, POUVANT ETRE AJOUTEE A UN SYSTEME EXISTANT

(71) ALSONS CORPORATION [US/US]; 3010 West Mechanic Street, Hillsdale, MI 49242 (US).

(72) PETROVIC, John, Edward; 3360 Mechanic Road, Hillsdale, MI 49242 (US). TALBOT, Todd, Alex; 4542 Sid Drive, Jackson, MI 49201 (US).

(74) ARTZ, John, A.; Artz & Artz, P.C., Suite 250, 28333 Telegraph Road, Southfield, MI 48034 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A47K 10/16

(11) WO 03/026472 (13) A1

(21) PCT/DE02/03505

(22) 19 Sep/sep 2002 (19.09.2002)

(25) de (26) de

(30) 201 15 633.4 22 Sep/sep 2001 DE (22.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TOILET PAPER

• PAPIER HYGIENIQUE

(71, 72) FRIEDRICH, Helmuth [DE/DE]; Hezenbergstrasse 15, 74172 Neckarsulm (DE).

(74) MÜLLER, Hans et al. / etc.; Lerchenstrasse 56, 74074 Heilbronn (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> A47K 10/42

(11) WO 03/026473 (13) A1

(21) PCT/US02/18595

(22) 12 Jun/juin 2002 (12.06.2002)

(25) en (26) en

(30) 09/965,645 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IMPROVED WET WIPE DISPENSING

• DISTRIBUTION DE CHIFFON HUMIDE AMELIOREE

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) VOGEL, Nathan; 3179 Greenwood Lane, Sturgeon Bay, WI 54235 (US). LANGE, Scott, R.; 2074 Shawnee Lane, Oshkosh, WI 54901 (US). HUANG, Yung; 2420 W. Seneca Drive, Appleton, WI 54914 (US).

(74) NELSON, Albin, J. et al. / etc.; Schwegman, Lundberg, Woessner, & Kluth, P.A., 1600 TCF Tower, 121 South Eighth Street, Minneapolis, MN 55402 (US).

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

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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 CH CY DE DK EE 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)

(t) for all designations / pour toutes les désignations

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

(11) WO 03/026474 (13) A2

(21) PCT/IL02/00788

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 145680 26 Sep/sep 2001 IL  
(26.09.2001)

(30) 10/007,103 4 Dec/déc 2001 US  
(04.12.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ROBOTIC VACUUM CLEANER

• ASPIRATEUR ROBOT

(71) FRIENDLY ROBOTICS LTD. [IL/IL]; Ha'yassur Street 1, 60920 Kadima (IL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ABRAMSON, Shai [IL/IL]; Haerez Street 4, 42815 Pardesia (IL). LEVIN, Shalom [IL/IL]; Misol Haganim Street 16, 30300 Atlit (IL). ZASLAVSKY, Ran [IL/IL]; Ben Gurion Street 6, Apartment 12, 44257 Kfar Saba (IL).

(74) LANGER, Edward; Shibolet, Yisraeli, Roberts, Zisman & Co., Montefiore St. 46, 65201 Tel-Aviv (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

(11) WO 03/026475 (13) A2

(21) PCT/IL02/00790

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) PCT/IL01/00903 25 Sep/sep 2001 IL  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ANASTOMOTIC DELIVERY SYSTEM  
• SYSTEME DE DISTRIBUTION ANASTOMOTIQUE

(63) US PCT/IL02/00215 and (CIP)  
18 Mar/mar 2002 (18.03.2002)

(71) BY-PASS, INC. [US/US]; 40 RAMLAND ROAD, ORANGEBURG, NY 10962 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOSHAKOVE, Amir [IL/IL]; P.O. BOX 378, 60944 MOSHAV BAZRA (IL). KILEMNIK, Ido [IL/IL]; 35 NORDAU STREET, 46585 HERZELIA (IL). HEFER, Gil [IL/IL]; 8/8 HERZFELD STREET, 44415 KPAR SABA (IL). FRIEDMAN,

Aharon, Shlomo [IL/IL]; 30/3 GOT LEVIN STREET, 32922 HAIFA (IL). NATIV, Ofer [IL/IL]; 11 HAMAAYAN STREET, 75210 RISHON-LEZION (IL).

(74) FENSTER, Paul et al. / etc.; Fenster and Company Patent Attorneys Ltd., P.O. Box 10256, 49002 Petach Tikva (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

(11) WO 03/026476 (13) A2

(21) PCT/IL02/00792

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/324,937 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS AND METHOD FOR CRYOSURGICAL TREATMENT OF TUMORS OF THE BREAST

• APPAREIL ET PROCÉDE DE TRAITEMENT CRYOCHIRURGICAL DE TUMEURS DU SEIN

(71) GALIL MEDICAL LTD. [IL/IL]; Yokneam Industrial Park, P.O. Box 224, 20 692 Yokneam (IL).

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(72, 75) ZVULONI, Roni [IL/IL]; Hantke Street 67, Haifa 34 608 (IL). AMIR, Uri [IL/IL]; Neve Savyon, Almog Street 6, 60 405 Or Yehuda (IL). SCHECHTER, Doris [IL/IL]; Hakovshim Street 99, 30 900 Zikhron Yakov (IL). BARKAMA, Ravit [IL/IL]; Hameysadim Street 19, 43 216 Raanana (IL).

(74) G. E. EHRlich (1995) LTD.; Bezalel Street 28, 52 521 Ramat Gan (IL).

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

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

(11) WO 03/026477 (13) A2

(21) PCT/IL02/00794

(22) 29 Sep/sep 2002 (29.09.2002)

(25) en (26) en

(30) 60/324,937 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE, SYSTEM, AND METHOD FOR CRYOSURGICAL TREATMENT OF CARDIAC ARRHYTHMIA

• DISPOSITIF, SYSTEME ET PROCÉDE DE TRAITEMENT CRYOCHIRURGICAL DE L'ARYTHMIE CARDIAQUE

(71) GALIL MEDICAL LTD. [IL/IL]; Yokneam Industrial Park, P.O. Box 224, 20 692 Yokneam (IL).

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(72, 75) ZVULONI, Roni [IL/IL]; Hantke Street 67, 34 608 Haifa (IL).

(74) G. E. EHRlich (1995) LTD.; Bezalel Street 28, 52 521 Ramat Gan (IL).

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

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

(11) WO 03/026478 (13) A2

(21) PCT/US02/28127

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 60/324,088 24 Sep/sep 2001 US  
(24.09.2001)

(30) 09/961,690 25 Sep/sep 2001 US  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD FOR DIAGNOSING AND/OR REDUCING TINNITUS

• SYSTEME ET PROCÉDE DESTINÉ A DIAGNOSTIQUER ET/OU A REDUIRE L'ACOUPHENE

(71) THE UNIVERSITY OF IOWA RESEARCH FOUNDATION [US/US]; 214 Technology Innovation Center, Oakdale Research Campus, Iowa City, IA 52242 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RUBINSTEIN, Jay, T. [US/US]; 3721 Macbride View Drive, Solon, IA 52333 (US).

- BROWN, Carolyn, J.** [US/US]; 1305 Santa Fe Drive, Iowa City, IA 52246 (US). **TYLER, Richard, S.** [CA/US]; P.O. Box 854, West Branch, IA 52358 (US).
- (74) **FLESHNER, Mark, L.** et al. / etc.; Fleshner & Kim, LLP, P.O. Box 221200, Chantilly, VA 20153-1200 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(54) • METHODS OF SUPPRESSING MICROCGLIAL ACTIVATION  
• METHODES PERMETTANT DE SUPPRIMER L'ACTIVATION MICROGLIALE
- (71) **COGNOSCI, INC.** [US/US]; 2 Davis Drive, Research Triangle Park, NC 27709-2076 (US).  
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- (72, 75) **LASKOWITZ, Daniel, T.** [US/US]; 214 Cobblestone Drive, Chapel Hill, NC 27516 (US). **MATTHEW, William, D.** [US/US]; 4200 Cobscook Drive, Durham, NC 27707 (US). **MCMILLIAN, Michael** [US/US]; 1000 Route 202, Rareton, NJ 08869 (US).
- (74) **WEISS MCLEOD, Bonnie** 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHODS AND APPARATUS EMPLOYING IONIZING RADIATION FOR TREATMENT OF CARDIAC ARRHYTHMIA  
• METHODES ET DISPOSITIF UTILISANT UN RAYONNEMENT IONISANT POUR LE TRAITEMENT DE L'ARYTHMIE CARDIAQUE
- (71) **NOVOSTE CORPORATION** [US]; 3890 Steve Reynolds Boulevard, Norcross, GA 30093 (US).
- (72) **BONAN, Raoul**; 9451 Saint Louis, Mirabel, Quebec J7N 2W4 (CA). **LARSEN, Charles, E.**; 6080 Cherokee Trace, Cumming, GA 30130 (US). **TRIP, Roelof**; 3317 Rae Place, Lawrenceville, GA 30044 (US). **SCHUMER, Douglas, B.**; 688 Mountain Drive NE, Atlanta, GA 30342 (US). **GRIFFIS, Jack, C., III**; 1133 Druid Lake, Decatur, GA 30033 (US). **LEROHL, Andrew, L.**; 1495 Smoke Hill Drive, Hoschton, GA 30548 (US).
- (74) **MCFARRON, Gary, W.** et al. / etc.; Cook, Alex, McFarron, Manzo, Cummings & Mehler, Ltd., Suite 2850, 200 West Adams Street, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(54) • OPTICALLY-ABSORBING NANOPARTICLES FOR ENHANCED TISSUE REPAIR  
• NANOPARTICULES A ABSORPTION OPTIQUE DESTINEES A UNE REPARATION AMELIOREE D'UN TISSU
- (71) **RICE UNIVERSITY** [—/US]; 6100 Main, Houston, TX 77020 (US).
- (72) **WEST, Jennifer, L.**; 3523 Senova Drive, Pearland, TX 77584 (US). **DREZEK, Rebekah**; 550 Kirby Drive, Apt. 831, Houston, TX 77030 (US). **SERSHEN, Scott**; 2010 McClendon St., Apt. No. 1, Houston, TX 77030 (US). **HALAS, Nancy, J.**; 2309 Goldsmith, Houston, TX 77030 (US).
- (74) **CATENA, Gino**; Fulbright & Jaworski L.L.P., 1301 McKinney, Suite 5100, Houston, TX 77010-3095 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • SYSTEM AND METHODS FOR PERFORMING SURGICAL PROCEDURES AND ASSESSMENTS  
• SYSTEME ET PROCES POUR EVALUATIONS ET ACTES CHIRURGICAUX
- (71) **NUVASIVE, INC.** [US/US]; 10065 Old Grove Road, San Diego, CA 92131 (US).  
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- (72) **BLEWETT, Jeffrey** (deceased / décédé).
- (72, 75) **GHARIB, James** [US/US]; 10918 Derwydown Way, San Diego, CA 92130 (US). **KAULA, Norbert** [US/US]; 8258 West 72nd Avenue, Arvada, CO 80005 (US). **FARQUHAR, Allen** [US/US]; 6220 Hannon Court, San Diego, CA 92117 (US). **FINLEY, Eric** [US/US]; 10548 Caminito Banyon, San Diego, CA 92131 (US). **ELBANNA, Jamil** [US/US]; 17285 Grandee Place, San Diego, CA 92128 (US). **MARTINELLI, Scot** [US/US]; 9624 Pasao Montril, San Diego, CA 92129 (US).
- (74) **SPANGLER, Jonathan, D.**; NuVasive, Inc., 10065 Old Grove Road, San Diego, CA 92131 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • VENTRICULAR INFARCT ASSIST DEVICES AND METHODS FOR USING IT
- DISPOSITIF D'ASSISTANCE POUR INFARCTUS VENTRICULAIRE ET SES PROCÉDES D'UTILISATION
- (71) THE FOUNDRY, INC. [US/US]; 604-D Fifth Avenue, Redwood City, CA 94063 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GIFFORD, Hanson, S., III [US/US]; 3180 Woodside Road, Woodside, CA 94062 (US). ANDREAS, Bernard, H. [US/US]; 633 California Way, Redwood City, CA 94062 (US).
- (74) HAN, Johnney, U. et al. / etc.; Morrison & Foerster, LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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) 09/963,848 25 Sep/sep 2001 US (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PERICARDIUM REINFORCING DEVICES AND METHODS OF USING THEM
- DISPOSITIFS DE RENFORCEMENT DU PERICARDE ET LEURS PROCÉDES D'UTILISATION
- (71) THE FOUNDRY, INC. [US/US]; 604-D Fifth Avenue, Redwood City, CA 94063 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FRENCH, Ronald, G. [US/US]; 1564 Heatherdale Avenue, Santa Clara, CA 95050 (US). CHEW, Sunmi, K. [US/US]; 1599 Martin Avenue, San Jose, CA 95126 (US). GIFFORD, Hanson, S., III [US/US]; 3180 Woodside Road, Woodside, CA 94062 (US). ANDREAS, Bernard, H. [US/US]; 633 California Way, Redwood City, CA 94062 (US).
- (74) HAN, Johnney, U. et al. / etc.; Morrison & Foerster, LLP, 755 Page Mill Road, Palo Alto, California 94304-1018 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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/US02/30705
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- (25) en (26) en
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- (54) • EYELET REINFORCEMENT AT THE TISSUE-SUTURE INTERFACE
- OEILLET POUR RENFORCER UNE ZONE TISSU-SUTURE
- (63) US 60/325,256 (CON) 27 Sep/sep 2001 (27.09.2001)
- (71) MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH [US/US]; 200 First Street S.W., Rochester, MN 55905 (US).  
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- (72, 75) ZHAO, Chunfeng [CN/US]; 2130 9th Avenue N.E., Rochester, MN 55906 (US). AMADIO, Peter, C. [US/US]; 816 9th Avenue S.W., Rochester, MN 55902 (US). SUN, Yu-Iong [CN/US]; 507 2nd Street N.W.#2, Rochester, MN 55901 (US). AN, Kai-Nan [US/US]; 685 Itasca Court, Rochester, MN 55901 (US). ZOBITZ, Mark, E. [US/US]; 1826 Terracewood Drive N.W., Rochester, MN 55901 (US).
- (74) ELLINGER, Mark, S. et al. / etc.; Fish & Richardson P.C., P.A., Suite 3300, 60 South Sixth Street, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B
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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MEDICAL RETRIEVAL DEVICE
- DISPOSITIF D'EXTRACTION MEDICALE
- (71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).
- (72) CARRISON, Harold, F.; 410 Dolores Court, Pleasanton, CA 94566 (US). FARNHOLTZ, Roger, D.; 495 Kansas Way, Fremont, CA 94539 (US). TO, Linh; 2689 Kimball Drive, San Jose, CA 95121 (US). NGO, Tra, Huong; 1265 Lodestone Drive, San Jose, CA 95132 (US).
- (74) PASTERNAK, Dahna, S.; Robins & Pasternak LLP, 545 Middlefield Road, Suite 180, Menlo Park, CA 94025 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TN 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(54) • DIAGNOSIS AND TREATMENT OF VASCULAR DISEASE  
• DIAGNOSTIC ET TRAITEMENT D'UNE MALADIE VASCULAIRE

(71) VITIVITY, INC. [US/US]; 1 Kendall Square, Building 700, Cambridge, MA 02139 (US).  
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(72, 75) MCCARTHY, Jeanette [US/US]; 3625 Dupont Street, San Diego, CA 92106 (US).

(74) SMITH, DeAnn, F.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US) et al. / etc.

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

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(30) 60/325,190 28 Sep/sep 2001 US  
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(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BIOPOLYMER AND BIOPOLYMER-CELL COMPOSITIONS FOR NERVE TISSUE REPAIR  
• COMPOSITIONS DE BIOPOLYMERES ET DE BIOPOLYMERES-CELLULES PERMETTANT DE REPARER UN TISSU NERVEUX

(71) UNIVERSITY OF FLORIDA [US/US]; 223 Grinter Hall, Gainesville, FL 32611-5500 (US). GOLDBERG, Eugene, P. [US/US]; 618 E. 3rd Avenue, Mt. Dora, FL 32657 (US). STREIT, Jacob, Wolfgang [DE/US]; 16414 NW 110th Ave., Alachua, FL 32615 (US). STOPEK, Joshua, B. [US/US]; 312 SW 10th St. #3, Gainesville, FL 32601 (US).  
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(74) CLARKE, Dennis, P.; Miles & Stockbridge, Suite 500, 1751 Pinnacle Drive, McLean, VA 22102-3833 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> A61B  
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(30) 60/325,732 28 Sep/sep 2001 US  
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(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND COMPOSITIONS FOR PREVENTION, DIAGNOSIS, AND TREATMENT OF CANCER USING BISPECIFIC MOLECULES

• METHODES ET COMPOSITIONS DE PREVENTION, DE DIAGNOSTIC, ET DE TRAITEMENT DU CANCER AU MOYEN DE MOLECULES BISPECIFIQUES

(71) ELUSYS THERAPEUTICS, INC. [US/US]; 10 Bloomfield Avenue, Pine Brook, NJ 07058 (US).  
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(72, 75) JACKSON, David [US/US]; 49 Guyencourt Road, Greenville, DE 19807 (US). NARDONE, Linda [US/US]; 252 Ackerman Place, Pompton Lakes, NJ 07442 (US).

(74) ANTLER, Adriane, M. et al. / etc.; Pennic & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> A61B  
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(25) en (26) en  
(30) 09/966,237 28 Sep/sep 2001 US  
(28.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)

(54) • EPICARDIAL COOLED STABILIZER FOR BEATING HEART SURGERY

• STABILISATEUR EPICARDIQUE RE-FROIDI POUR CHIRURGIE A COEUR BATTANT

(71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK [US/US]; 116th Street and Broadway, New York, NY 10027 (US).  
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(72, 75) D'ALESSANDRO, David, A. [US/US]; 54 Riverside Drive, Apartment 3B, New York, NY 10024 (US). OZ, Mehmet, C. [US/US]; Villa G, 100 Winston Drive, Cliffside Park, NJ 07010 (US).

(74) DIPPERT, William, H.; Reed Smith LLP, 29th floor, 599 Lexington Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> A61B  
(11) WO 03/026492 (13) A2  
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(22) 27 Sep/sep 2002 (27.09.2002)  
(25) en (26) en  
(30) 60/326,379 28 Sep/sep 2001 US  
(28.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PREVENTION AND TREATMENT OF RESTENOSIS BY LOCAL ADMINISTRATION OF DRUG  
• PREVENTION ET TRAITEMENT DE LA RESTENOSE PAR L'ADMINISTRATION LOCALE D'UN MEDICAMENT

(71) ESPERION THERAPEUTICS INC. [US/US]; 695 KMS Place, 3621 S. State Street, Ann Arbor, MI 48108 (US). CEDARS-SINAI MEDICAL CENTER [US/US]; 8700 Beverley Boulevard, Los Angeles, CA 90048 (US).

(72) BISGAIER, Charles, L.; 3605 Tanglewood Drive, Ann Arbor, MI 48105 (US).

(74) PABST, Patrea, L. et al. / etc.; Holland & Knight LLP, One Atlantic Center, 1201 West Peachtree Street, N.E., Suite 2000, Atlanta, GA 30309-3400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL

- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A61B  
(11) WO 03/026493 (13) A2  
(21) PCT/US02/31107  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) en (26) en  
(30) 60/325,946 28 Sep/sep 2001 US (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DIAGNOSIS AND TREATMENT OF DISEASES CAUSED BY MUTATIONS IN CD72  
• DIAGNOSTIC ET TRAITEMENT DE MALADIES INDUITES PAR DES MUTATIONS DANS LE GENE CD72
- (71, 72) YANG, Bing [US/US]; 15 Cobblestone Place, Saginaw, MI 48603 (US).
- (74) REN, Zhibin; Quarles & Brady LLP, P.O. Box 2113, Madison, WI 53701-2113 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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/US02/31273  
(22) 30 Sep/sep 2002 (30.09.2002)  
(25) en (26) en  
(30) 60/326,137 28 Sep/sep 2001 US (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • GALECTINS-1-AND-4 IN TUMOR DEVELOPMENT  
• GALECTINES-1-ET -4 DANS LE DEVELOPPEMENT DES TUMEURS
- (71) SIDNEY KIMMEL CANCER CENTER [US/US]; 10835 Altman Row, San Diego, CA 92121 (US). UNIVERSITY OF MISSOURI [US/US]; 4 Agriculture Building, Columbia, MO 65211 (US). LA JOLLA INSTITUTE FOR ALLERGY AND IMMUNOLOGY [US/US]; 10355 Science Centre Drive, San Diego, CA 92121 (US).
- (72) HUFLEJT, Margaret, E.; 6333 La Jolla Blvd. #267, La Jolla, CA 92037 (US). MOS-SINE, Valeri, V.; 101 Bourn Avenue, Columbia, MO 65203 (US). CROFT, Michael; 11516 Hadar Drive, San Diego, CA 92126 (US).
- (74) MURASHIGE, Kate, H. 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 BY BZ CA CH CN CO CR CU CZ DE DK
- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B  
(11) WO 03/026495 (13) A2  
(21) PCT/US02/31932  
(22) 26 Sep/sep 2002 (26.09.2002)  
(25) en (26) en  
(30) 60/324,871 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • AIRCRAFT MEDICAL UNIT  
• INSTALLATION MEDICALE AER-RIENNE
- (71, 72) KEOGH, Marvin [US/US]; 7309 Clybourn Avenue, Sun Valley, CA 91352 (US).
- (74) ABRAHAMS, Colin, P.; Law Offices 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B  
(11) WO 03/026496 (13) A2  
(21) PCT/US02/31938  
(22) 23 Sep/sep 2002 (23.09.2002)  
(25) en (26) en  
(30) 09/966,813 28 Sep/sep 2001 US (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • TRANSMURAL ABLATION TOOL AND METHOD  
• INSTRUMENT D'ABLATION PAR VOIE TRANSMURALE, ET PROCEDE
- (71) ETHICON, INC. [US/US]; U.S. Route 22, Somerville, NJ 08876 (US).
- (72) PENDEKANTI, Rajesh; 448 Vandevceer Road, Bridgewater, NJ 08807 (US). WELLMAN, Parris, S.; 61 Taurus Dr., Apt. 3A, Hillsborough, NJ 08844 (US).
- (74) JOHNSON, Philip, 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 BY BZ CA CH CN CO CR CU CZ DE DK
- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 1/00  
(11) WO 03/026497 (13) A1  
(21) PCT/JP02/09754  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) ja (26) ja  
(30) 2001/292230 25 Sep/sep 2001 JP (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ENDOSCOPE INSERTION DIRECTION SENSING METHOD AND ENDOSCOPE INSERTION DIRECTION SENSING APPARATUS  
• PROCEDE ET APPAREIL DE DETECTION DE LA DIRECTION D'INSERTION D'UN ENDOSCOPE
- (71) OLYMPUS OPTICAL CO., LTD. [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) NISHIMURA, Hirokazu [JP/JP]; 1-1-103, Kinugaoka 1-chome, Hachioji-shi, Tokyo 192-0912 (JP). NONAMI, Tet-suo [JP/JP]; 70-24, Minamidaira 2-chome, Hino-shi, Tokyo 191-0041 (JP).
- (74) ITOH, Susumu; Musashi Bldg., 4-4, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> A61B 1/247, 1/05  
(11) WO 03/026498 (13) A1  
(21) PCT/US02/11160  
(22) 28 Mar/mar 2002 (28.03.2002)  
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(30) 09/827,997 6 Apr/avr 2001 US (06.04.2001)
- (30) PCT/US01/11475 7 Apr/avr 2001 US (07.04.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DENTAL VIDEO IMAGING SYSTEM  
• SYSTÈME D'IMAGERIE VIDÉO DENTAIRE
- (71) DENTSPLY INTERNATIONAL INC. [US/US]; 570 West College Avenue, York, PA 17405 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) COOPER, David [US/US]; 7365 Almaden Lane, Carlsbad, CA 92009 (US).
- (74) SATTIZAHN, Brian; McNees Wallace & Nurick LLC, P.O. Box 1166, 100 Pine Street, Harrisburg, PA 17108-1166 (US).



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

(51)<sup>7</sup> A61B 3/14

(11) WO 03/026499 (13) A1

(21) PCT/JP02/09254

(22) 11 Sep/sep 2002 (11.09.2002)

(25) en (26) en

(30) 2001-285022 19 Sep/sep 2001 JP (19.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • OPHTHALMOLOGIC IMAGE-TAKING APPARATUS  
• APPAREIL DE PRISE DE VUE OPHTHALMOLOGIQUE

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).  
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(72, 75) TAKAI, Motoya [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).

(74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN KR US.

(51)<sup>7</sup> A61B 5/00, 5/16, 10/00

(11) WO 03/026500 (13) A1

(21) PCT/AU02/00348

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 76084/01 25 Sep/sep 2001 AU (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR DIAGNOSING SCHIZOPHRENIA AND SCHIZOPHRENIA SUBTYPE  
• PROCEDE ET APPAREIL DE DIAGNOSTIC DE LA SCHIZOPHRENIE ET D'UN SOUS-TYPE DE SCHIZOPHRENIE

(71) THE UNIVERSITY OF QUEENSLAND [AU/AU]; St Lucia, Brisbane, Queensland 4072 (AU). UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC. [US/US]; 223 Grinter Hall, Gainesville, FL 32611 (US).

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

(72, 75) WHITE, Keith, D. [US/US]; 1205 NW 38th Street, Gainesville, FL 32605-4801 (US). KULDAU, John, M. [US/US]; 4914 NW 19th Place, Gainesville, FL 32605-3499

(US). LEONARD, Christiana, M. [US/US]; 4914 NW 19th Place, Gainesville, FL 32605-3499 (US). PETTIGREW, John, Douglas [AU/AU]; 207/180 Swann Road, Taringa, Queensland 4068 (AU).

(74) FISHER ADAMS KELLY; Level 13, AMP Place, 10 Eagle Street, Brisbane, Queensland 4000 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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).

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

(11) WO 03/026501 (13) A2

(21) PCT/US02/28115

(22) 5 Sep/sep 2002 (05.09.2002)

(25) en (26) en

(30) 09/965,303 27 Sep/sep 2001 US (27.09.2001)

(30) 10/109,301 27 Mar/mar 2002 US (27.03.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NON-INVASIVE DEVICE AND METHOD FOR THE DIAGNOSIS OF PULMONARY VASCULAR OCCLUSIONS  
• DISPOSITIF ET PROCEDE NON INVASIFS PERMETTANT DE DIAGNOSTIQUER LES OCCLUSIONS VASCULAIRES PULMONAIRES

(71) CHARLOTTE-MECKLENBURG HOSPITAL AUTHORITY D/B/A CAROLINAS MEDICAL CENTER [US/US]; P.O. Box 32861, Charlotte, NC 18232-2861 (US).

(72) KLINE, Jeffrey, A.; 12026 Matthew Martin Lane, Charlotte, NC 28216 (US).

(74) MCGUIRE, George, R.; Hancock & Estabrook, LLP, 1500 Mony Tower I, P.O. Box 4976, Syracuse, NY 13221-4976 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(71) CHARLOTTE-MECKLENBURG HOSPITAL AUTHORITY D/B/A CAROLINAS MEDICAL CENTER [US/US]; P.O. Box 32861, Charlotte, NC 18232-2861 (US).

(72) KLINE, Jeffrey, A.; 12026 Matthew Martin Lane, Charlotte, NC 28216 (US).

(74) MCGUIRE, George, R.; Hancock & Estabrook, LLP, 1500 Mony Tower I, P.O. Box 4976, Syracuse, NY 13221-4976 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

(11) WO 03/026502 (13) A1

(21) PCT/US02/30192

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en

(26) en

(30) 09/960,648 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IMPROVED METHOD AND APPARATUS FOR SAMPLING CERVICAL TISSUE

• AMELIORATION APPORTEE A UN PROCEDE ET A UN APPAREIL DE PRELEVEMENT DE TISSUS CERVICAUX

(71) R & G MEDICAL AND DEVELOPMENT CORP. [US/US]; 10664 Avenida Santa Ana, Boca Raton, FL 33498 (US).

(72) SAK, Robert, F.; 5101 Deer Run Drive, Ft. Pierce, FL 34851 (US).

(74) MOTTLEY, Darrell, G.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61B 5/026, 5/00

(11) WO 03/026503 (13) A1

(21) PCT/IL01/00900

(22) 25 Sep/sep 2001 (25.09.2001)

(25) en (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTIPARAMETRIC APPARATUS FOR MONITORING MULTIPLE TISSUE VITALITY PARAMETERS

• APPAREIL A PARAMETRES MULTIPLES DESTINE A MESURER DES PARAMETRES MULTIPLES RELATIFS A LA VITALITE DES TISSUS

(71) VITAL MEDICAL LTD. [IL/IL]; P.O. Box 7292, Kiriat Matalon, 49170 Petah Tikva (IL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PEWZNER, Eliahu [IL/IL]; 23 Or Hahaim Street, 71919 Modiin Ilit (IL). MAYEVSKY, Avraham [IL/IL]; 23 Hameshorer Street, 52650 Ramat Gan (IL). JARONKIN, Alexander Vasilievitch [IL/IL]; 19/19 Zalman Shazar Street, 75700 Rishon L'Zion (IL). DERZY, Igor [IL/IL]; 6 Usishkin Street, 49260 Petah Tikvah (IL).

(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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU

SD SE SG SI 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 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).

(51)<sup>7</sup> A61B 5/053, 5/04

(11) WO 03/026504 (13) A1

(21) PCT/JP02/09655

(22) 19 Sep/sep 2002 (19.09.2002)

(25) ja (26) ja

(30) 2001-286997 20 Sep/sep 2001 JP  
(20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AUTOMATIC, CONTINUOUS MEASURING DEVICE FOR A VENTRICLE VOLUME

• DISPOSITIF DE MESURE, AUTOMATIQUE ET CONTINU, DE VOLUME VENTRICULAIRE

(71) JAPAN as represented by PRESIDENT OF NATIONAL CARDIOVASCULAR CENTER [JP/JP]; 7-1, Fujishirodai 5-chome, Suita-shi, Osaka 565-8565 (JP). NATIONAL SPACE DEVELOPMENT AGENCY OF JAPAN [JP/JP]; 4-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo 105-8060 (JP). THE JAPAN SPACE FORUM [JP/JP]; 29-6, Hamamatsu-cho 1-chome, Minato-ku, Tokyo 105-0013 (JP).

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(72, 75) SUNAGAWA, Kenji [JP/JP]; 9-16, Kita-kasugaoka 3-chome, Ibaraki-shi, Osaka 567-0048 (JP). UEMURA, Kazunori [JP/JP]; 5-1-202, Nishi-midorigaoka 1-chome, Toyonaka-shi, Osaka 560-0005 (JP).

(74) KIYOHARA, Yoshihiro; 1-23, Sonezaki-shinchi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0002 (JP).

(81) AU CA GB JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)<sup>7</sup> A61B 5/055, G01R 33/48, A61G 17/34

(11) WO 03/026505 (13) A1

(21) PCT/JP02/09618

(22) 19 Sep/sep 2002 (19.09.2002)

(25) ja (26) ja

(30) 2001-285331 19 Sep/sep 2001 JP  
(19.09.2001)

(30) 2001-285949 19 Sep/sep 2001 JP  
(19.09.2001)

(30) 2002-96291 29 Mar/mar 2002 JP  
(29.03.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TREATMENT TOOL AND MAGNETIC RESONANCE IMAGER

• OUTIL DE TRAITEMENT ET IMAGEUR A RESONANCE MAGNETIQUE

(71) HITACHI MEDICAL CORPORATION [JP/JP]; 1-14, Uchikanda 1-chome, Chiyoda-ku, Tokyo 100-0047 (JP).

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

(72, 75) IIZUKA, Chikako [JP/JP]; 2691-11, Yurigaoka 2-chome, Moriya-shi, Ibaraki 302-0110 (JP). NAGAO, Hisako [JP/JP]; 103-10-107, Nedo, Kashiwa-shi, Chiba 277-0831 (JP). TAKAHASHI, Tetsuhiko [JP/JP]; 3-4-24-910, Sakae-cho, Souka-shi, Saitama 340-0011 (JP). KUROME, Akira [JP/JP]; 17-4-510, Koaoa, Kashiwa-shi, Chiba 277-0803 (JP). NAGAOKA, Takayuki [JP/JP]; 8-16-11-101, Nishishidzu, Sakura-shi, Chiba 285-0845 (JP). ISHIZUKA, Takashi [JP/JP]; 858-2, Kunugi, Fujishiro-machi, Kitasoma-gun, Ibaraki 300-1511 (JP). KOMURA, Kazumi [JP/JP]; 531-7, Matsudosinden, Matsudo-shi, Chiba 270-2241 (JP). HARADA, Junta [JP/JP]; 3-1-12-201, Jingumae, Shibuya-ku, Tokyo 150-0001 (JP). TAJIMA, Michiko [JP/JP]; 2-19-2-601, Hakusan, Abiko-shi, Chiba 270-1154 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> A61B 5/15, 5/145

(11) WO 03/026506 (13) A1

(21) PCT/JP01/08125

(22) 19 Sep/sep 2001 (19.09.2001)

(25) ja (26) ja

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS FOR MEASURING COMPONENT AND CHIP

• APPAREIL POUR MESURER UN COMPOSANT ET PUCE

(71) TERUMO KABUSHIKI KAISHA [JP/JP]; 44-1, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).

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

(72, 75) SONODA, Kouichi [JP/JP]; c/o Terumo kabushiki kaisha, 1500, Inokuchi, Nakai-machi, Ashigarakami-gun, Kanagawa 259-0151 (JP). NISHIKAWA, Hisao [JP/JP]; c/o Terumo kabushiki kaisha, 1500, Inokuchi, Nakai-machi, Ashigarakami-gun, Kanagawa 259-0151 (JP). TAKINAMI, Masao [JP/JP]; c/o Terumo kabushiki kaisha, 1500, Inokuchi, Nakai-machi, Ashigarakami-gun, Kanagawa 259-0151 (JP).

(74) WATANABE, Mochitoshi et al. / etc.; Hayakawa-tonakai Bldg. 3F, 12-5, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 101-0032 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI 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 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).

(51)<sup>7</sup> A61B 5/22

(11) WO 03/026507 (13) A1

(21) PCT/SE02/01767

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 0103238-2 28 Sep/sep 2001 SE  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AN APPARATUS FOR EVALUATING MANUAL DEXTERITY

• APPAREIL PERMETTANT D'ÉVALUER LA DEXTERITE MANUELLE

(71, 72) JOHANSSON, Roland, Sixten [SE/SE]; Sofiahemsvägen 24, S-907 38 Umeå (SE).

(74) ZACCO SWEDEN AB et al. / etc.; P.O. Box 23101, Sveavägen 170, S-104 35 Stockholm (SE).

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

(51)<sup>7</sup> A61B 8/00

(11) WO 03/026508 (13) A1

(21) PCT/JP02/00945

(22) 6 Feb/fév 2002 (06.02.2002)

(25) ja (26) ja

(30) 2001-286315 20 Sep/sep 2001 JP  
(20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ULTRASONOGRAPH

• ECHOGRAPHE

(71) HITACHI MEDICAL CORPORATION [JP/JP]; 1-14, Uchikanda 1-chome, Chiyoda-ku, Tokyo 101-0047 (JP).

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(72, 75) UMEMURA, Shin-ichiro [JP/JP]; c/o Hitachi, Ltd., Central Research Laboratory, 280, Higashi-koigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP). KAWABATA, Ken-ichi [JP/JP]; c/o Hitachi, Ltd., Central Research Laboratory, 280, Higashi-koigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP).

(74) OGAWA, Katsuo; Nitto International Patent Office, Yusenkayabacho Building, 9-8, Nihonbashi-kayabacho 2-chome, Chuo-ku, Tokyo 103-0025 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> A61B 10/00  
(11) WO 03/026509 (13) A2  
(21) PCT/US02/07782  
(22) 14 Mar/mar 2002 (14.03.2002)  
(25) en (26) en  
(30) PCT/US01/42240 20 Sep/sep 2001 US  
(20.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • TISSUE-SAMPLING INSTRUMENT AND METHODS OF USE  
• INSTRUMENT DE PRELEVEMENT DE TISSU ET TECHNIQUES D'UTILISATION

(71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as represented by THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; The National Institutes of Health, Office of Technology Transfer, Suite 325, 6011 Executive Boulevard, Rockville, MD 20852-3804 (US).  
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(72, 75) KASS, Erik, S. [US/US]; 4602 Davidson Drive, Chevy Chase, MD 20815 (US). VAN WAES, Carter [US/US]; 18925 Lindenhouse Road, Gaithersburg, MD 20879 (US).

(74) NOONAN, William, D.; Klarquist Sparkman, LLP, One World Trade Center, Suite 1600, 121 S.W. Salmon Street, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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)<sup>7</sup> A61B 13/00  
(11) WO 03/026510 (13) A1  
(21) PCT/US02/24943  
(22) 6 Aug/août 2002 (06.08.2002)  
(25) en (26) en  
(30) 09/924,265 7 Aug/août 2001 US  
(07.08.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD FOR VISION EXAMINATION UTILIZING FAULT DETECTION  
• SYSTEME ET PROCEDURE D'EXAMEN DE LA VUE METTANT EN OEUVRE LA DETECTION DE DEFAULTS

(71) DIOPSY, INC. [US/US]; 335 Main Street, Metuchen, NJ 08840 (US).

(72) HU, Z., George; 106 Anderson Street, Raritan, NJ 08869 (US). ZEMON, Marc, Vance; 30 East Street, West Nyack, NY 10994 (US).

DERR, Peter; 16 Inverness Lane, East Windsor, NJ 08520 (US).

(74) DRESNER, Arthur; Reed Smith LLP, 599 Lexington Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61B 17/00  
(11) WO 03/026511 (13) A1  
(21) PCT/DE02/03581  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) de (26) de  
(30) 101 47 145.9 25 Sep/sep 2001 DE  
(25.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTIFUNCTIONAL INSTRUMENT FOR USE IN MICROINVASIVE SURGERY

• INSTRUMENT MULTIFONCTIONS POUR CHIRURGIE MICRO-INVASIVE

(71, 72) KUNZ, Reiner [DE/DE]; Tucholskyhöhe 4, 14532 Kleinmachnow (DE).

(74) KÖNIG, Beate et al. / etc.; König & Köster, Morassistrasse 8, 80469 München (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61B 17/00  
(11) WO 03/026512 (13) A1  
(21) PCT/US02/06759  
(22) 4 Mar/mar 2002 (04.03.2002)  
(25) en (26) en  
(30) 60/324,613 24 Sep/sep 2001 US  
(24.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BLADELESS OBTURATOR  
• OBTURATEUR SANS LAME

(71) APPLIED MEDICAL RESOURCES CORPORATION [US/US]; 22872 Avenida

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(72, 75) PINGLETON, Edward, D. [US/US]; 26993 Albillo Court, Laguna Niguel, CA 92677 (US). WIXEY, Matthew, A. [US/US]; 34028 Selva Road, Unit 75, Dana Point, CA 92629 (US). KAHLE, Hank [US/US]; 25 Wrangler Court, Trabusco Canyon, CA 92679 (US).

(74) MYERS, Richard, L.; 22872 Avenida Empressa, Rancho Santa Margarita, CA 92688 (US).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> A61B 17/02, 17/00

(11) WO 03/026513 (13) A1  
(21) PCT/US02/30272  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) en (26) en  
(30) 09/963,143 25 Sep/sep 2001 US  
(25.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND DEVICES FOR INSERTING AND MANIPULATING SURGICAL INSTRUMENTS

• PROCEDES ET DISPOSITIFS D'INSERTION ET DE MANIPULATION D'INSTRUMENTS CHIRURGICAUX

(71) SDGI HOLDINGS, INC. [US/US]; 300 Delaware Avenue, Suite 508, Wilmington, DE 19801 (US).

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

(72, 75) KLEEMAN, Thomas, J. [US/US]; 48 Constitution Drive, Bedford, NH 03110-4201 (US). DUNCAN, James, P. [US/US]; 5495 Plum Tree Cove, Southaven, MS 38671 (US).

(74) WARBOLD, David, A. et al. / etc.; Medtronic, Inc., 710 Medtronic Parkway, LC340, Minneapolis, MN 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B 17/02, 17/17

(11) WO 03/026514 (13) A1  
(21) PCT/US02/30861  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) en (26) en  
(30) 09/965,018 27 Sep/sep 2001 US  
(27.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • METHODS AND INSTRUMENTATION FOR VERTEBRAL INTERBODY FUSION  
• METHODES ET INSTRUMENTS POUR LA FUSION INTERCORPS VERTEBRAUX
- (71) SDGI HOLDINGS, INC. [US/US]; 300 Delaware Avenue, Suite 508, Wilmington, DE 19801 (US).
- (72) BURKUS, Kenneth, J.; 7162 Williams Hill Road, Columbus, GA 31904 (US). MCGAHAN, Thomas, V.; 4904 Harvest Fields Circle, Memphis, TN 38125 (US). DERIDDER, Steven, D.; 6255 Skylight Drive, Bartlett, TN 38135 (US). DORCHAK, John, D.; P.O. Box 400, Midland, GA 31820 (US).
- (74) WARBOLD, David, A. et al. / etc.; Medtronic, INC., 710 Medtronic Parkway, LC340, Minneapolis, MN 55432 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 17/072  
(11) WO 03/026515 (13) A2  
(21) PCT/US02/19968  
(22) 26 Jun/juin 2002 (26.06.2002)  
(25) en (26) en  
(30) 09/962,684 26 Sep/sep 2001 US (26.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DEVICE AND METHOD OF SEQUENTIALLY FIRING STAPLES USING SPRINGS AND A ROTARY OR LINEAR SHUTTER  
• DISPOSITIF ET PROCEDE PERMETTANT DE PROJETER DES AGRAFES EN SEQUENCE A L'AIDE DE RESORTS ET D'UN OBTURATEUR ROTATIF OU LINEAIRE
- (71) SCIMED LIFE SYSTEMS, INC. [US/US]; One SciMed Place, Maple Grove, MN 55311-1566 (US).
- (72) HARTWICK, Darrell, J.; 145 Washington Street, Unit #1, Newton, MA 02458 (US).
- (74) BRAINARD, Charles, R. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 17/128  
(11) WO 03/026516 (13) A1  
(21) PCT/US02/19969  
(22) 26 Jun/juin 2002 (26.06.2002)  
(25) en (26) en  
(30) 09/957,356 21 Sep/sep 2001 US (21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • APPARATUS AND METHOD FOR DEPLOYING A CLIP TO COMPRESS BODY TISSUE  
• APPAREIL ET PROCEDE PERMETTANT DE DEPLOYER UNE AGRAFE DESTINEE A COMPRIMER DES TISSUS CORPORELS
- (71) SCIMED LIFE SYSTEMS, INC. [US/US]; One SciMed Place, Maple Grove, MN 55311-1566 (US).
- (72) JUGENHEIMER, Kristin, A.; 73 Fifth Street, Apt. 3, Cambridge, MA 02141-1798 (US). DURGIN, Russell, F.; 146 Knott Street, Attleboro, MA 02703-3202 (US). ADAMS, Mark, L.; 123 Rayburn Road, Stoughton, MA 02072-1773 (US). MONROE, Mark; 79 Mayflower Road, Plympton, MA 02367-1600 (US).
- (74) BRAINARD, Charles, R. et al. / etc.; Kenyon & Kenyon, Suite 700, 1500 K Street, N.W., Washington, DC 20005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 17/17  
(11) WO 03/026517 (13) A1  
(21) PCT/GB02/04334  
(22) 25 Sep/sep 2002 (25.09.2002)  
(25) en (26) en  
(30) 0123257.8 27 Sep/sep 2001 GB (27.09.2001)  
(30) 0126437.3 3 Nov/nov 2001 GB (03.11.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SURGICAL INSTRUMENTS  
• INSTRUMENTS CHIRURGICAUX
- (71) DEPUY INTERNATIONAL LIMITED [GB/GB]; St Anthony's Road, Beeston, Leeds LS11 8DT (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HONL, Matthias [DE/DE]; Allgemeines, Krankenhaus Barmbeck, Orthopaedie, Rubenkamp 148, 222291 Hamburg (DE). BROOKS, James [GB/GB]; 1 West Lodge Cottages, Hag Farm Road, Burley-in-Wharfedale LS29 7AB (GB). ALFONSI, Stefano [GB/GB]; 151 Apperley Road, Apperley Bridge, Bradford BD10 0AX (GB). MOORE, Gary [GB/GB]; 6 Old Hall Close, Haworth, Keighley BD22 8BW (GB).
- (74) BELCHER, Simon, James; Urquhart-Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61B 17/28  
(11) WO 03/026519 (13) A1  
(21) PCT/NL02/00622
- Burley-in-Wharfedale LS29 7AB (GB). ALFONSI, Stefano [GB/GB]; 151 Apperley Road, Apperley Bridge, Bradford BD10 0AX (GB). MOORE, Gary [GB/GB]; 6 Old Hall Close, Haworth, Keighley BD22 8BW (GB).
- (74) BELCHER, Simon, James; Urquhart-Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(22) 26 Sep/sep 2002 (26.09.2002)

(25) nl (26) en

(30) 1019041 26 Sep/sep 2001 NL  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FORCEPS  
• FORCEPS(71) SENTITIC [NL/NL]; Bergselaan 40 b,  
NL-3037 CA Rotterdam (NL).  
*(for all designated States except / pour tous  
les États désignés sauf US)*(71, 72) VAN DEN BERG, Freddy, Petrus,  
Adrianus [NL/NL]; Bergselaan 40 b,  
NL-3037 CA Rotterdam (NL).(74) JORRITSMA, Ruurd; Nederlandsch Oc-  
trooibureau, Scheveningsweg 82, P.O. Box  
29720, NL-2502 LS The Hague (NL).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).(51)<sup>7</sup> A61B 17/70

(11) WO 03/026520 (13) A1

(21) PCT/FR01/02955

(22) 24 Sep/sep 2001 (24.09.2001)

(25) fr (26) fr

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM FOR MAINTAINING AT  
LEAST TWO BONE PORTIONS RELA-  
TIVE TO EACH OTHER• SYSTEME POUR MAINTENIR AU  
MOINS DEUX PORTIONS D'OS L'UNE  
PAR RAPPORT A L'AUTRE(71, 72) BOUVET, Jean-Claude [FR/FR]; 11,  
route de Corbeil, F-91590 Mondeville (FR).(74) FLAVENOT, Bernard; Abritt, 17, rue du  
Docteur Charcot, F-91290 La Norville (FR).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR  
IE IT LU MC NL PT SE TR).(51)<sup>7</sup> A61B 17/70

(11) WO 03/026521 (13) A1

(21) PCT/FR02/03263

(22) 25 Sep/sep 2002 (25.09.2002)

(25) fr (26) fr

(30) 01/12354 26 Sep/sep 2001 FR  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • VERTEBRAL FIXING DEVICE

• DISPOSITIF DE FIXATION VERTE-  
BRALE(71) SPINE NEXT [FR/FR]; 23 Parvis des  
Chartrons, La Cité Mondiale, F-33000 Bor-  
deaux (FR).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) MAZDA, Keyvan [FR/FR]; 17 Rue  
Houdart, F-75020 PARIS (FR). LE  
COUEDIC, Régis [FR/FR]; 4, rue Blan-  
quefort, F-33000 Bordeaux (FR).(74) DRONNE, Guy 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  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61B 17/70

(11) WO 03/026522 (13) A2

(21) PCT/US02/31011

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,804 28 Sep/sep 2001 US  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SKELETAL STABILIZATION IM-  
PLANT  
• IMPLANT DE STABILISATION DU  
SQUELETTE(71) SULZER SPINE-TECH INC. [US/US];  
7375 Bush Lake Road, Minneapolis, MN  
55439-2029 (US).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) BANICK, Christopher, M. [US/US];  
1370 North Arm Drive, Orono, MN 55364  
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SON, David, A. [US/US]; 2948 Zarthan  
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16285 Parkview Drive, S.E., Prior Lake, MN  
55372 (US).(74) PARSONS, Nancy, J.; Merchant & Gould  
P.C., P.O. Box 2903, Minneapolis, MN  
55402-0903 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).(51)<sup>7</sup> A61B 17/70

(11) WO 03/026523 (13) A1

(21) PCT/US02/31201

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 60/325,809 28 Sep/sep 2001 US  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CONNECTION ROD FOR SCREW OR  
HOOK POLYAXIAL SYSTEM AND  
METHOD OF USE• TIGE DE CONNEXION POUR SYS-  
TEME POLYAXIAL A VIS OU CRO-  
CHET ET PROCEDE D'UTILISATION(71, 72) RITLAND, Stephen [US/US]; 1150 N.  
San Francisco Street, Flagstaff, AZ 86001  
(US).(74) YASKANIN, Mark, L. et al. / etc.; Sheridan  
Ross P.C., Suite 1200, 1560 Broadway, Den-  
ver, CO 80202-5141 (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 ES FI GB GD GE GH GM HR  
HU ID 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 PL PT RO RU SD  
SE SG SI SK SL TJ TM 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61B 18/08, 17/32

(11) WO 03/026524 (13) A2

(21) PCT/US02/30777

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/963,676 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR  
MEASURING AND CONTROLLING  
BLADE DEPTH OF A TISSUE CUT-  
TING APPARATUS IN AN ENDO-  
SCOPIC CATHETER• PROCEDE ET DISPOSITIF PERMET-  
TANT DE MESURER ET DE REGLER  
LA PROFONDEUR DE LA LAME D'UN  
DISPOSITIF DE COUPE DE TISSUS  
DANS UN CATHETER ENDOSCO-  
PIQUE(71) SCIMED LIFE SYSTEMS, INC. [US/US];  
One Scimed Place, Maple Grove, MN 55311,  
United States of America (US).(72) CHIN, Yem; 35 University Avenue, Burling-  
ton, MA 01803 (US). GRIEGO, John; 46  
Roberta Road, Blackstone, MA 01504 (US).(74) LYNCH, John, E. et al. / etc.; Fulbright &  
Jaworski L.L.P., 801 Pennsylvania Avenue,  
N. W. Washington, D. C., 20004-2635 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B 18/14

(11) WO 03/026525 (13) A1

(21) PCT/US02/31006

(22) 28 Sep/sep 2002 (28.09.2002)

(25) en (26) en

(30) 60/326,043 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IMPEDANCE CONTROLLED TISSUE ABLATION APPARATUS AND METHOD

• APPAREIL ET PROCEDE D'ABLATION DE TISSU COMMANDES PAR IMPEDANCE

(71) RITA MEDICAL SYSTEMS, INC. [US/US]; 967 North Shoreline Boulevard, Mountain View, CA 94043 (US).

(72) PEARSON, Robert, M.; 4694 La Crescent Loop, San Jose, CA 95136 (US). DANIEL, Steven, A.; 40874 Calido Place, Fremont, CA 94539 (US). BALBIERZ, Daniel, J.; 973 Cambridge Road, Redwood City, CA 94061 (US). JOHNSON, Theodore, C.; 1534 Pine Valley Boulevard, Apt. 12, Ann Arbor, MI 48104 (US). YASSINZADEH, Zia; 11240 Mt. Hamilton Road, San Jose, CA 95140 (US).

(74) DEHLINGER, Peter, J. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61C

(11) WO 03/026526 (13) A2

(21) PCT/US02/30165

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 60/324,695 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ADJUSTABLE ORTHODONTIC BAND

• BAGUE D'ORTHODONTIE REGLABLE

(71) CONFORM ORTHODONTICS, INC. [US/US]; 3317 Melendy Drive, San Carlos, CA 94070 (US).

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

(72, 75) PEACOCK, James, C., III [US/US]; 3371 Melendy Drive, San Carlos, CA 94070 (US).

(74) PEACOCK, James, C., III; 3371 Melendy Drive, San Carlos, CA 94070 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61C 7/00

(11) WO 03/026527 (13) A1

(21) PCT/US02/24096

(22) 30 Jul/juil 2002 (30.07.2002)

(25) en (26) en

(30) 09/965,707 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • USE OF FINITE ELEMENT ANALYSIS FOR ORTHODONTIC MECHANICS AND APPLIANCE SELECTION

• RECOURS A L'ANALYSE DES ELEMENTS FINIS POUR SELECTIONNER DES TRAITEMENTS ET APPAREILS D'ORTHODONTIE

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

(72) LAI, Ming-Lai; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). CHEN, Andrew W.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) CHRISTOFF, James, D. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(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 SD SE SG SI SK (Utility model / modèle d'utilité) 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 IE IT LU MC NL

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61C 11/00

(11) WO 03/026528 (13) A1

(21) PCT/US02/28558

(22) 9 Sep/sep 2002 (09.09.2002)

(25) en (26) en

(30) 09/965,418 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND TOOLS FOR ORAL HYGIENE

• PROCEDE ET OUTILS D'HYGIENE BUCCO-DENTAIRE

(71) CERAMOPTEC INDUSTRIES, INC. [US/US]; 515 Shaker Road, East Longmeadow, MA 01028 (US).

(72) WOLFGANG, Neuberger; 905 Beta Tower Financial Park, 87000 F.T. Labuan (MY).

(74) SKUTNIK, Bolesh, J.; CeramOptec Industries, Inc., 515 Shaker Road, Eastmeadow, MA 01028 (US).

(81) AU BR CA CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> A61F

(11) WO 03/026529 (13) A2

(21) PCT/US02/29503

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/957,921 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TAMPON APPLICATOR WITH IMPROVED FINGERGRIP

• APPLICATEUR DE TAMPON A ORGANE DE PREHENSION DIGITALE AMELIORE

(71) PLAYTEX PRODUCTS, INC. [US/US]; 300 Nyalas Farms Road, Westport, CT 06880 (US).

(72) REJAI, Jamshid; 139 Beech Drive, Dover, DE 19904 (US). NORQUEST, Robert, C.; 142 Carnoustie Road, Dover, DE 19904 (US). MILLER, Michael, L.; 635 Lakewood Place, Dover, DE 19904 (US).

(74) RUGGIERO, Charles, N., J.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61F 2/00

(11) WO 03/026530 (13) A1

(21) PCT/FR02/03226

(22) 20 Sep/sep 2002 (20.09.2002)

(25) fr (26) fr

(30) 01/12228 21 Sep/sep 2001 FR (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMPLETE AND UNIVERSAL IMPLANT FOR FRONT PATH HERNIA REPAIR

• IMPLANT COMPLET ET UNIVERSEL POUR LA REPARATION DES HERNIES PAR VOIE ANTERIEURE

(71) SOFRADIM PRODUCTION [FR/FR]; 116, avenue de Formans, F-01600 Trevoux (FR).

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

(72, 75) NEGRO, Paolo [IT/IT]; Via Sistina, 14, I-00187 Roma (IT).

(74) CABINET GERMAIN & MAUREAU; 12, rue Boileau, F-69006 Lyon (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61F 2/00

(11) WO 03/026531 (13) A2

(21) PCT/US02/29537

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/961,129 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DELIVERING A URETERAL STENT  
• MISE EN PLACE D'UN STENT URETERAL

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

(72) REEVER, Kenneth, P.; 179 Dutcher Street, Hopedale, MA 01747 (US).

(74) TOSTI, Robert, J.; Testa, Hurwitz & Thibault, L.L.P., High Street Tower, 125 High Street, Boston, MA 02110 (US).

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

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

(51)<sup>7</sup> A61F 2/00

(11) WO 03/026532 (13) A2

(21) PCT/US02/30726

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/331,332 28 Sep/sep 2001 US (28.09.2001)

(30) 60/327,629 5 Oct/oct 2001 US (05.10.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MEDICAL DEVICES COMPRISING NANOMATERIALS AND THERAPEUTIC METHODS UTILIZING THE SAME

• DISPOSITIFS MEDICAUX CONTENANT DES NANOMATERIAUX, ET METHODES THERAPEUTIQUES FAISANT APPEL AUXDITS DISPOSITIFS

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

(72) WEBER, Jan; 18112 89th Place North, Maple Grove, MN 55311 (US).

(74) JORDAHL, Kimberly, S. et al. / etc.; Kagan Binder, PLLC, Suite 200 Maple Island Building, 221 Main Street North, Stillwater, MN 55082 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61F 2/06

(11) WO 03/026533 (13) A1

(21) PCT/GB02/04318

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 0122965.7 24 Sep/sep 2001 GB (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A DETECTABLE STENT AND METHOD OF MAKING SAME

• ENDOPROTHESE DETECTABLE ET PROCEDE DE PRODUCTION

(71) BIOCOMPATIBLES LIMITED [GB/GB]; Champman House, Weydon Lane, Farnham GU9 8QL (GB).

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

(72, 75) LUPTON, Henry, William [IE/IE]; Minehill House, Renville West, Oranmore, Co. Galway (IE).

(74) WALLACE, Sheila, Jane et al. / etc.; Lloyd Wise, ., Commonwealth House, 1-19 New Oxford Street, London WC1A 1LW (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61F 2/06

(11) WO 03/026534 (13) A1

(21) PCT/US02/29077

(22) 13 Sep/sep 2002 (13.09.2002)

(25) en (26) en

(30) 09/965,473 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • STENT DELIVERY CATHETER WITH GROOVED BALLOON AND METHODS OF MAKING SAME

• CATHETER D'INTRODUCTION DE STENT POURVU D'UN BALLONNET RAINURE ET PROCEDES DE FABRICATION DUDIT CATHETER

(71) MEDTRONIC AVE, INC. [US/US]; 3576 Unocal Place, Santa Rosa, CA 95403 (US).

(72) GUINAN, Terry; Parkmore Business Park West, Galway (IE). FEENEY, Tom; Borna-curra, Ballygar, Galway (IE).

(74) MARESH, Catherine, C. et al. / etc.; Medtronic Ave, Inc., 3576 Unocal Place, Santa Rosa, CA 95403 (US).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)<sup>7</sup> A61F 2/06

(11) WO 03/026535 (13) A2

(21) PCT/US02/29867

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/960,260 21 Sep/sep 2001 US (21.09.2001)

(30) 60/360,614 28 Feb/fév 2002 US (28.02.2002)

(30) 10/244,870 17 Sep/sep 2002 US (17.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • INTRAVASCULAR DEVICE AND CARRIER TUBE WITH INTERFERENCE FIT MEMBER

- DISPOSITIF INTRAVASCULAIRE ET TUBE SUPPORT MUNI D'UN ELEMENT D'AJUSTEMENT AVEC SER-RAGE
- (71) SCIMED LIFE SYSTEMS, INC. [US/US]; One SciMed Place, Maple Grove, MN 55311, United States of America (US).
- (72) GUPTA, Ajay; 3012 Valento Lane, Little Canada, MN 55117 (US). BENJAMIN, Albert, S.; 2674 Elm Street, Maplewood, MN 55109 (US). POWELL, August, L.; 10440 245th Avenue, Zimmerman, MN 55398 (US). USCHOLD, John, E.; 37535 Normandale Avenue, North Branch, MN 55056 (US). MCGLINCH, Timothy; 1653 Scheffer Avenue, St. Paul, MN 55116 (US). MLSNA, Tim; 525 Upland Road, St. Michael, MN 55376 (US). PETERSON, Dean, A.; 8613 Oregon Avenue North, Brooklyn Park, MN 55445 (US). ROBINSON, David, B.; 25 Pleasantview Road, Chanhassen, MN 55317 (US).
- (74) WICKHEM, Scot, J. et al. / etc.; Crompton, Seager & Tuft LLC, 331 Second Avenue South, Suite 895, Minneapolis, MN 55401-2246 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61F 2/06
- (11) WO 03/026536 (13) A1
- (21) PCT/US02/31035
- (22) 30 Sep/sep 2002 (30.09.2002)
- (25) en (26) en
- (30) 09/965,770 28 Sep/sep 2001 US (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • LONGITUDINAL FOCUSSED FORCE STENT
- ENDOPROTHESE A CONCENTRATION LONGITUDINALE DES FORCES
- (71) X TECHNOLOGIES INC. [US/US]; 15042 Parkway Loop, Suite A, Tustin, CA 92780 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SOLAR, Ronald, J. [US/US]; 12495 Figtree Street, San Diego, CA 92131 (US). LIEBER, Glen, L. [US/US]; 13959 Poway Valley Road, Poway, CA 92064 (US).
- (74) DIPPERT, William, H.; Reed Smith LLP, 29th floor, 599 Lexington Avenue, New York, NY 10022 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> A61F 2/12
- (11) WO 03/026537 (13) A1
- (21) PCT/IL02/00776
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) en (26) en
- (30) 145576 24 Sep/sep 2001 IL (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • BREAST PROSTHESIS FILLED WITH FIBERS
- PROTHESE MAMMAIRE REMPLIE DE FIBRES
- (71, 72) WEINBERGER, Avishai [IL/IL]; 13A Arlozorov Street, 52481 Ramat-Gan (IL). TUCKER, Revital [IL/IL]; 1B Hazohar Street, 62507 Tel-Aviv (IL).
- (74) FREIMANN, Daniel; P.O. Box 29814, 61297 Tel-Aviv (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> A61F 2/44
- (11) WO 03/026538 (13) A1
- (21) PCT/US02/31013
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en
- (30) 60/325,585 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MODULAR SPINAL FUSION DEVICE
- DISPOSITIF MODULAIRE DE FUSION RACHIDIENNE
- (71, 72) HOUFBURG, Rodney, L. [US/US]; 16285 Parkview Drive, S.E., Prior Lake, MN 55372 (US).
- (74) PARSONS, Nancy, J.; Merchant & Gould P.C., P.O.Box 2903, Minneapolis, Minnesota 55402-0903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61F 2/54
- (11) WO 03/026539 (13) A1
- (21) PCT/SE02/01514
- (22) 26 Aug/août 2002 (26.08.2002)
- (25) sv (26) en
- (30) 0102837-2 27 Aug/août 2001 SE (27.08.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FIXING DEVICE FOR FINGER PROSTHESIS
- DISPOSITIF DE FIXATION SUR UNE PROTHESE DIGITALE
- (71) BERGOMED AB [SE/SE]; Järnvägsgatan 3, S-592 30 Vadstena (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BRIMALM, Stellan [SE/SE]; Skänningegatan 3, S-592 32 Vadstena (SE).
- (74) STRÖM & GULIKSSON IP AB; Berzelius Science Park, S-582 25 Linköping (SE).
- (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61F 5/44, A61L 28/00
- (11) WO 03/026540 (13) A1
- (21) PCT/DK02/00622
- (22) 23 Sep/sep 2002 (23.09.2002)
- (25) en (26) en
- (30) PA 2001 01390 24 Sep/sep 2001 DK (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • AN OSTOMY APPLIANCE
- DISPOSITIF DE STOMIE
- (71) COLOPLAST A/S [DK/DK]; Holtedam 1, DK-3050 Humlebaek (DK).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ANDERSEN, Birthe, Vestbo [DK/DK]; Hovgaardsparken 9, 2. th, DK-3060 Espergærde (DK). OLSEN, Hans [DK/DK]; Usseroed Kongevej 85B, DK-2970 Hoersholm (DK).
- (74) COLOPLAST A/S; Kim Nilausen, Patent Dept., Holtedam 1, DK-3050 Humlebaek (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 SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)<sup>7</sup> A61F 5/448, 5/441, 5/443

(11) WO 03/026541 (13) A1

(21) PCT/DK02/00623

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) PA 2001 01389 24 Sep/sep 2001 DK (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AN OSTOMY APPLIANCE  
• ACCESSOIRE POUR STOMIE

(71) COLOPLAST A/S [DK/DK]; Høltedam 1, DK-3050 Humlebæk (DK).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CIOK, Danuta [PL/DK]; Violen's Kvarter 8, DK-2990 Nivaa (DK). HANSEN, Michael [DK/DK]; Dyrholmens 33, Strand Esb., DK-3250 Gilleleje (DK).

(74) NILAUSEN, Kim; Coloplast A/S, Høltedam 1, DK-3050 Humlebæk (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 SD SE SG SI SK (Utility model / modèle d'utilité) 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61F 9/013

(11) WO 03/026542 (13) A1

(21) PCT/DE02/01527

(22) 26 Apr/avr 2002 (26.04.2002)

(25) de (26) de

(30) 201 15 585.0 21 Sep/sep 2001 DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • EYE SURGICAL INSTRUMENT  
• INSTRUMENT DE CHIRURGIE OCULAIRE

(71) GEUDER AG [DE/DE]; Hertzstrasse 4, 69126 Heidelberg (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOHMANN, Chris [DE/DE]; Silberne Fischgasse 13, 93047 Regensburg (DE).

(74) ULLRICH & NAUMANN; Patent- und Rechtsanwältin, Luisenstrasse 14, 69115 Heidelberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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).

(51)<sup>7</sup> A61F 13/00

(11) WO 03/026543 (13) A2

(21) PCT/US02/28878

(22) 10 Sep/sep 2002 (10.09.2002)

(25) en (26) en

(30) 09/965,169 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • EFFICIENT THONG PANTILINER WITH FOLD-OVER ATTACHMENT MEANS  
• PROTEGE-SLIP OPTIMAL POUR STRING, DOTE DE MOYENS DE FIXATION A REPLI

(71) TYCO HEALTHCARE RETAIL SERVICES AG [CH/CH]; Schwertstrasse, No. 9, CH-8200 Schaffhausen (CH).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GLAUG, Frank, S. [US/US]; 110 Crimson Place, Chester Springs, PA 19425 (US). BABUSIK, Kimberly [US/US]; 11 North East Avenue, Wenonah, NJ 08090 (US).

(74) STEIN, Barry, A.; CAESAR, RIVISE, BERNSTEIN, COHEN & POKOTILOV, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61F 13/15, A61L 15/42, 15/44, 15/62

(11) WO 03/026544 (13) A1

(21) PCT/GB02/04361

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 0123280.0 27 Sep/sep 2001 GB (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • THERAPEUTIC WOUND DRESSINGS WITH EXUDATE-DEPENDENT ENLARGEMENT OF APERTURES

• PANSEMENTS THERAPEUTIQUES AVEC AGRANDISSEMENT D'OUVERTURES EN FONCTION DE L'EXUDAT

(71) JOHNSON & JOHNSON MEDICAL LIMITED [GB/GB]; Erskine House, 68-73 Queen Street, Edinburgh EH2 4NH (GB).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIRKWOOD, Andrew, James [GB/GB]; 19 Stephenson's Walk, Cottingham, Hull HU16 4QG (GB). CULLEN, Breda, Mary [GB/GB]; 7 Consort Street, Skipton, North Yorkshire BD23 1HR (GB). SILCOCK, Derek, Walter [GB/GB]; 2 Ash Grove, Skipton, North Yorkshire BD23 1QP (GB). WARRICK, Jonathon [GB/GB]; 79 Clayton Hall Road, Crosshills, North Yorkshire BD20 7TA (GB).

(74) JAMES, Anthony, Christopher, W., P. et al. / etc.; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61F 13/15

(11) WO 03/026545 (13) A2

(21) PCT/JP02/09367

(22) 12 Sep/sep 2002 (12.09.2002)

(25) en (26) en

(30) 2001-289941 21 Sep/sep 2001 JP (21.09.2001)

(30) 2001-346577 12 Nov/nov 2001 JP (12.11.2001)

(30) 2001-349620 15 Nov/nov 2001 JP (15.11.2001)

(30) 2001-369516 4 Dec/déc 2001 JP (04.12.2001)

(30) 2001-380516 13 Dec/déc 2001 JP (13.12.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DISPOSABLE DIAPER  
• COUCHE JETABLE

(71) **KAO CORPORATION** [JP/JP]; 14-10, Nihonbashi Kayaba-cho 1-chome, Chuo-ku, Tokyo 103-8210 (JP).

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

(72, 75) **KOYAMA, Takao** [JP/JP]; Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3497 (JP). **ITO, Hidekazu** [JP/JP]; Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3497 (JP). **INADA, Hiroshi** [JP/JP]; Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3497 (JP). **ARIMURA, Takahiro** [JP/JP]; Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3497 (JP).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61F 13/475

(11) **WO 03/026546** (13) A1

(21) PCT/US02/29639

(22) **18 Sep/sep 2002 (18.09.2002)**

(25) en (26) en

(30) 09/957,906 **21 Sep/sep 2001** US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **LIGHT ABSORBENT PAD WITH SIDE LEAKAGE BARRIER SYSTEM**

• **SERViette ABSORBANTE LEGERE AVEC SYSTEME DE BARRIERE AUX FUITES LATERALES**

(71) **TYCO HEALTHCARE RETAIL SERVICES AG** [CH/CH]; Schwertstrasse, No. 9, CH-8200 Schaffhausen (CH).

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

(72, 75) **HARRIZ, John** [US/US]; 12 Dougherty Boulevard, Apt. D-4, Glen Mills, PA 19342 (US). **BRUCE, Christa** [US/US]; 2722 County Line Road, Ardmore, PA 19003 (US). **LEVY, Ruth** [US/US]; 46 Basswood Court, Collegenille, PA 19426 (US).

(74) **STEIN, Barry, A.**; Caesar, Rivise, Bernstein, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61G 3/00

(11) **WO 03/026547** (13) A1

(21) PCT/US02/09060

(22) **22 Mar/mar 2002 (22.03.2002)**

(25) en (26) en

(30) 09/815,878 **22 Sep/sep 2001** US (22.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **LIFT DEVICE WITH VARIABLE SPEED ACTUATION**

• **DISPOSITIF ELEVATEUR A COMMANDE A VITESSE VARIABLE**

(71) **MAXON LIFT CORPORATION** [US/US]; 11921 Slausen Avenue, Santa Fe Springs, CA 90670 (US).

(72) **KARAPET, Ablabutyán**; 1349 Raymond Avenue, Glendale, CA 91201 (US).

(74) **MEYER, David, J.**; Manatt, Phelps & Phillips, LLP, 11355 West Olympic Boulevard, Los Angeles, CA 90064 (US).

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

(51)<sup>7</sup> A61G 5/10, 5/04, 3/08

(11) **WO 03/026548** (13) A1

(21) PCT/AU02/01339

(22) **27 Sep/sep 2002 (27.09.2002)**

(25) en (26) en

(30) PR 7980 **27 Sep/sep 2001** AU (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **ADJUSTABLE WHEELCHAIR**

• **FAUTEUIL ROULANT REGLABLE**

(71) **BARIBUNMA HOLDINGS PTY LIMITED** [AU/AU]; Unit 3, 16 Stanley Street, Peakhurst, NSW 2210 (AU).

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

(72, 75) **BANCROFT, Peter, John** [AU/AU]; 137 Morts Road, Mortdale, NSW 2223 (AU).

(74) **HODGKINSON OLD McINNES**; Level 3, 20 Alfred Street, Milsons Point, NSW 2061 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61G 5/14

(11) **WO 03/026549** (13) A1

(21) PCT/CH02/00518

(22) **20 Sep/sep 2002 (20.09.2002)**

(25) en (26) en

(30) 1744/01 **21 Sep/sep 2001** CH (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **RAISING WHEEL CHAIR**

• **FAUTEUIL ROULANT A RELEVAGE**

(71) **LEVO AG** [CH/CH]; Anglikerstrasse 20, CH-5610 Wohlen (CH).

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

(72, 75) **MEYER, Bruno** [CH/CH]; Zelgweg 3, CH-5610 Wohlen (CH).

(74) **RIEDERER, Conrad, A.** et al. / etc.; Riederer Hasler & Partner Patentanwälte AG, Elestastrasse 8, CH-7310 Bad Ragaz (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61G 5/14

(11) **WO 03/026550** (13) A1

(21) PCT/CH02/00519

(22) **20 Sep/sep 2002 (20.09.2002)**

(25) en (26) en

(30) 1745/01 **21 Sep/sep 2001** CH (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **RAISING WHEEL CHAIR**

• **FAUTEUIL ROULANT A RELEVAGE**

(71) **LEVO AG** [CH/CH]; Anglikerstrasse 20, CH-5610 Wohlen (CH).

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

(72, 75) **MEYER, Bruno** [CH/CH]; Zelgweg 3, CH-5610 Wohlen (CH).

(74) **RIEDERER, Conrad, A.** et al. / etc.; Riederer Hasler & Partner Patentanwälte AG, Elestastrasse 8, CH-7310 Bad Ragaz (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 NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61H 1/02, A63B 21/068

(11) WO 03/026551 (13) A1

(21) PCT/DE02/03413

(22) 13 Sep/sep 2002 (13.09.2002)

(25) de (26) de

(30) 101 45 999.8 18 Sep/sep 2001 DE  
(18.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS FOR CARRYING OUT  
PHYSIOTHERAPEUTIC EXERCISES

• APPAREIL POUR EFFECTUER DES  
EXERCICES PHYSIOTHERAPEU-  
TIQUES

(71, 72) LUZ, Helmut [DE/DE]; Fasanenweg  
26, 31191 Algermissen (DE). STOLARZ,  
Andrzej [PL/PL]; ul. Tatrzańska 11b/34,  
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(74) SCHEFFLER, Jörg; Hagemann, Braun &  
Held, Hildesheimer Strasse 133, 30173 Han-  
nover (DE) et al. / etc.

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

(51)<sup>7</sup> A61H 23/02

(11) WO 03/026552 (13) A1

(21) PCT/JP01/08262

(22) 21 Sep/sep 2001 (21.09.2001)

(25) ja (26) ja

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ULTRASONIC BEAUTY TREATMENT  
PROBE

• SONDE DE TRAITEMENT COSME-  
TIQUE ULTRASONORE

(71) YAMAN LTD. [JP/JP]; 4-4, Furuishiba  
1-chome, Koto-ku, Tokyo 135-0045 (JP).  
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(72, 75) YAMAZAKI, Iwao [JP/JP]; c/o YA-  
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ruishiba 1-chome, Koto-ku, Tokyo 135-0045  
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(74) MAKI, Tetsuro et al. / etc.; Suite 402,  
Shuwa Kioicho Park Bldg., 3-6, Kioi-cho,  
Chiyoda-ku, Tokyo 102-0094 (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 PH PL PT RO RU SD  
SE SG SI 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 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).

(51)<sup>7</sup> A61H 39/04

(11) WO 03/026553 (13) A1

(21) PCT/ES02/00444

(22) 20 Sep/sep 2002 (20.09.2002)

(25) es (26) es

(30) U 200102356 25 Sep/sep 2001 ES  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • THERAPEUTIC DEVICE FOR TREAT-  
ING SYMPTOMS CAUSED BY DIS-  
EASES

• DISPOSITIF THERAPEUTIQUE POUR  
LE TRAITEMENT DE SYMPTOMES  
DUS A DES MALADIES

(71, 72) GARCIA MENENDEZ, José, Jesús  
[ES/ES]; Avenida de Europa, 23, portal  
12-1°C, E-28224 Madrid (ES).

(74) PONS ARIÑO, Angel; Pons Patentes y  
Marcas, S.L., Glorieta de Rubén Darío, 4,  
E-28010 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 ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61H 39/08, A61N 5/06

(11) WO 03/026554 (13) A1

(21) PCT/EP02/10498

(22) 19 Sep/sep 2002 (19.09.2002)

(25) de (26) de

(30) 201 15 555.9 21 Sep/sep 2001 DE  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE FOR APPLYING AT LEAST  
A LASER NEEDLE ON A PATIENT'S  
BODY

• DISPOSITIF D'APPLICATION D'AU  
MOINS UNE AIGUILLE LASER SUR  
LE CORPS D'UN PATIENT

(71, 72) WEBER, Michael [DE/DE]; Hinter der  
Pumpe 6, 37697 Laufenfoerde (DE).

(74) LORENZ, Werner; Alte Ulmer Strasse 2,  
89522 Heidenheim (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 PH PL PT RO RU  
SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(r) for all designations / pour toutes les

désignations

(s) for all designations / pour toutes les

désignations

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désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> A61J

(11) WO 03/026555 (13) A2

(21) PCT/IN02/00124

(22) 28 May/mai 2002 (28.05.2002)

(25) en (26) en

(30) 921/MUM/2001 25 Sep/sep 2001 IN  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FLOATING OSMOTIC DEVICE FOR  
CONTROLLED RELEASE DRUG DE-  
LIVERY

• DISPOSITIF OSMOTIQUE FLOTTANT  
POUR L'ADMINISTRATION DE MEDI-  
CAMENTS A LIBERATION REGULEE

(71) J.B. CHEMICALS & PHARMACEUTI-  
CALS LTD. [IN/IN]; Neelam Centre, "B"  
Wing, 4th Floor, Hind Cycle Road, Worli,  
Mumbai 400 025 Maharashtra (IN).

(72) MEHTA, Bharat, Pravinchandra; 5,  
Avillion, Little Gibbs Road, Malabar Hill,  
Mumbai 400 006 Maharashtra (IN). DOSHI,  
Madhukant, Mansukhlal; 9 Chhabal, Han-  
soti Lane, Ghatkopar (W), Mumbai 400  
077, Maharashtra (IN). JOSHI, Milind,  
Dattatraya; B-402, Prakriti Apt., K.K. Mill  
Compound, Mohanji Sundarji Road, Radhu-  
nath Nagar, Thane (W), Maharashtra (IN).

(74) MODY, Shirish, Bhagwanlal; J.B. Chemi-  
cals & Pharmaceuticals Ltd., Neelam Centre,  
"B" Wing, 4th Floor, Hind Cycle Road, Worli,  
Mumbai 400 018, Maharashtra (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 SI SK SL TJ TM TN TR TT  
TZ UA UG US UZ VN YU ZA ZM ZW.

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 SD SE SG

SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU

ZA ZM ZW

(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 SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(51)<sup>7</sup> A61J

(11) WO 03/026556 (13) A2

(21) PCT/US02/27712

(22) 30 Aug/août 2002 (30.08.2002)

(25) en (26) en

(30) 60/318,737 12 Sep/sep 2001 US (12.09.2001)

(30) 60/318,698 12 Sep/sep 2001 US (12.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BREATH-ENHANCED ULTRASONIC NEBULIZER AND DEDICATED UNIT DOSE AMPOULE

- NEBULISEUR ULTRASONORE FACILITANT LA RESPIRATION ET AMPOULE DE DOSE UNITAIRE ASSOCIEE

(71) IVAX CORPORATION [US/US]; 4400 Biscayne Boulevard, Miami, FL 33137 (US). (only for / seulement pour BB)

(71) IVAX U.K., LTD. [GB/GB]; Albert Basin, Royal Docks, London E16 2QJ (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARNEY, Brian [GB/GB]; The Medlars, Cage End, Hatfield Broad Oak, Essex CM22 7HP (GB). CHEW, Sophia [GB/GB]; 4 Carlton House, Wolfe Crescent, London SE16 6SL (GB). FAIRBURN, Paul [GB/GB]; 4 Ash Meadow, Much Hadam, Hertfordshire (GB). O'LEARY, David [GB/GB]; 25 Newburgh Road, Grays, Little Thurrock, Essex RM17 6UG (GB). STRIEBIG, Rachel [GB/GB]; Flat 3, Finlay House, 13 Victoria Park Square, Bethnal, London E2 9PB (GB). STRIEBIG, Rachel [GB/GB]; Flat 3, Finlay House, 13 Victoria Park Square, Bethnal, London E2 9PB (GB).

(74) LEVI-MINZI, Simona; Ivax Corporation, 4400 Biscayne Boulevard, Miami, FL 33137 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61J

(11) WO 03/026557 (13) A2

(21) PCT/US02/29563

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/960,833 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND DEVICE FOR THE IONOPHORETIC DELIVERY OF A DRUG  
• PROCEDE ET DISPOSITIF D'ADMINISTRATION PAR IONOPHORESE D'UN MEDICAMENT

(71) IOMED, INC. [US/US]; 3383 West 1820 South, Salt Lake City, UT 84104 (US).

(72) FISCHER, Gregory, A.; 2552 East, Salt Lake City, UT 84120 (US).

(74) FACTOR, Jody, L.; Factor &amp; Partners, LLC, Suite 5G/H, 1327 W. Washington Blvd., Chicago, IL 60607 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61J

(11) WO 03/026558 (13) A2

(21) PCT/US02/30184

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,043 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND APPARATUSES FOR ASSURING QUALITY AND SAFETY OF DRUG ADMINISTRATION AND MEDICAL PRODUCTS AND KITS

- PROCEDES ET APPAREILS PERMETTANT D'ASSURER LA QUALITE ET L'INNOCUITE D'UNE ADMINISTRATION DE MEDICAMENT, DE PRODUITS MEDICAUX ET DE KITS

(71) SCOTT LABORATORIES, INC. [US/US]; 2804 N. Loop 289, Lubbock, TX 79415 (US).

(72) HICKLE, Randall, S.; 2404 Topeka Avenue, Lubbock, TX 79410 (US). COBB, Nicholas, Edward; 6805 - 5th Street, Lubbock, TX 79416 (US).

(74) CROWSON, Celine, Jimenez; Hogan &amp; Hartson, LLP, 555 Thirteenth Street, N.W., Washington, DC 20004-1109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61J

(11) WO 03/026559 (13) A2

(21) PCT/US02/31450

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 60/325,971 28 Sep/sep 2001 US (28.09.2001)

(30) 60/379,428 9 May/mai 2002 US (09.05.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NASAL NEBULIZER  
• NEBULISEUR NASAL

(71) KURVE TECHNOLOGY, INC [US/US]; 723 191st Street SW, Lynnwood, WA 98036 (US).

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

(72, 75) GIROUX, Marc [US/US]; 723 191st Street SW, Lynnwood, WA 98036 (US).

(74) CONFORTI, Vita, G.; Davis Wright Tremaine LLP, 2600 Century Square, 1501 Fourth Avenue, Seattle, WA 98101-1688 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61J 3/10

(11) WO 03/026560 (13) A1

(21) PCT/JP02/09808

(22) 24 Sep/sep 2002 (24.09.2002)

(25) ja (26) ja

(30) 2001-292682 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTI-CORED MOLDED ARTICLE, METHOD OF PRODUCING THE SAME, AND DEVICE FOR PRODUCING THE SAME

- ARTICLE MOULE MULTICANAUX, AINSI QUE PROCEDE ET DISPOSITIF DE PRODUCTION DE CET ARTICLE

(71) SANWA KAGAKU KENKYUSHO CO.,LTD [JP/JP]; 35, Higashisotoboricho, Higashi-ku, Nagoya-shi, Aichi 461-8631 (JP).

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

(72, 75) OZEKI, Yuichi [JP/JP]; c/o SANWA KAGAKU KENKYUSHO CO., LTD, 35, Higashisotoboricho, Higashi-ku,

- Nagoya-shi, Aichi 461-8631 (JP). **KONDO, Yoshiya** [JP/JP]; c/o SANWA KAGAKU KENKYUSHO CO., LTD, 35, Higashisotoboricho, Higashi-ku, Nagoya-shi, Aichi 461-8631 (JP). **WATANABE, Yukinao** [JP/JP]; c/o SANWA KAGAKU KENKYUSHO CO., LTD, 35, Higashisotoboricho, Higashi-ku, Nagoya-shi, Aichi 461-8631 (JP).
- (74) **HIROE, Takenori** et al. / etc.; 4-3, Usa 3-chome, Gifu-shi, Gifu 500-8368 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61J 35/78, A61P 3/10, 37/00  
 (11) WO 03/026561 (13) A2  
 (21) PCT/US02/30341  
 (22) 25 Sep/sep 2002 (25.09.2002)  
 (25) en (26) en  
 (30) 09/967,030 27 Sep/sep 2001 US (27.09.2001)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • COMPOSITIONS AND METHODS FOR TREATMENT OF DIABETES  
 • COMPOSITIONS ET METHODES POUR LE TRAITEMENT DU DIABETE
- (71, 72) **ZIEGLER, Randy, H.** [US/US]; 3499 Wimbledon Way, Costa Mesa, CA 92626 (US).
- (74) **KIRCHANSKI, Stefan, J.**; Crosby, Heafey, Roach & May, Suite 700, 1901 Avenue of the Stars, Los Angeles, CA 90067 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61K  
 (11) WO 03/026562 (13) A2  
 (21) PCT/IL02/00786  
 (22) 24 Sep/sep 2002 (24.09.2002)  
 (25) en (26) en  
 (30) 60/324,060 24 Sep/sep 2001 US (24.09.2001)  
 (30) 60/358,728 25 Feb/fév 2002 US (25.02.2002)
- (30) 10/109,572 29 Mar/mar 2002 US (29.03.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHODS OF GROWING CRYSTALS OF FREE, ANTIBIOTIC-COMPLEXED, AND SUBSTRATE-COMPLEXED LARGE RIBOSOMAL SUBUNITS, AND METHODS OF RATIONALLY DESIGNING OR IDENTIFYING ANTIBIOTICS USING STRUCTURE COORDINATE DATA DERIVED FROM SUCH CRYSTALS  
 • METHODES DE DEVELOPPEMENT DE CRISTAUX DE GRANDES SOUS-UNITES RIBOSOMALES LIBRES COMPLEXEES A DES SUBSTRATS ET COMPLEXEES A DES ANTIBIOTIQUES, ET METHODES DE CONCEPTION RATIONNELLE OU D'IDENTIFICATION D'ANTIBIOTIQUES A L'AIDE DE COORDONNEES STRUCTURALES DERIVEES DE CES CRISTAUX
- (71) **YEDA RESEARCH AND DEVELOPMENT CO. LTD.** [IL/IL]; The Weizmann Institute of Science, P.O. Box 95, 76100 Rehovot (IL). **MAX PLANCK SOCIETY MAX-PLANCK-GESELLSCHAFT ZUR FOERDERUNG DER WISSENSCHAFTEN E.V.** [DE/DE]; Hogartenstrasse 8, 80539 Munchen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **YONATH, Ada** [IL/IL]; Rupin Street 37, 76345 Rechovot (IL). **BASHAN, Anat** [IL/IL]; Bar Cochva Street 20, 74058 Nes Ziona (IL). **ZARIVACH, Raz** [IL/IL]; Sitvanit Street 7, 81513 Yavne (IL). **FRANCESCHI, Francois** [DE/US]; 9 Warwickshire Drive, Killingworth, CT 06419 (US). **SCHLUENZEN, Frank** [DE/DE]; Breslaustrasse 13, 22880 Wedel (DE). **HARMS, Joerg** [DE/DE]; Seestrasse 8b, 22607 Hamburg (DE). **ALBRECHT, Renate** [DE/DE]; Fluchthornweg 8, 12107 Berlin (DE). **BERISIO, Rita** [IT/IT]; Via Duomo, 242, I-80138 Napoli (IT).
- (74) **G.E. EHRlich (1995) LTD.**; Bezalel Street 28, 52521 Ramat Gan (IL).
- (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61K  
 (11) WO 03/026564 (13) A2  
 (21) PCT/SE02/01748  
 (22) 26 Sep/sep 2002 (26.09.2002)  
 (25) en (26) en  
 (30) 09/965,556 27 Sep/sep 2001 US (27.09.2001)  
 (30) 0103858-7 20 Nov/nov 2001 SE (20.11.2001)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • PHARMACEUTICAL COMPOSITION  
 • COMPOSITION PHARMACEUTIQUE
- (71) **PHARMACIA AB** [SE/SE]; S-112 87 Stockholm (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ARNERIC, Stephen, P.** [US/US]; 3498 Whistling Lane, Portage, MI 49024 (US). **ANDERSSON, Per-Olof** [SE/US]; 15 Dogwood Drive, Whitehouse Station, NJ 08889 (US).
- (74) **TANNERFELDT, Agneta** et al. / etc.; Pharmacia AB, Patent Department, S-112 87 Stockholm (SE).

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

(51)<sup>7</sup> A61K

(11) WO 03/026565 (13) A2

(21) PCT/US02/28918

(22) 11 Sep/sep 2002 (11.09.2002)

(25) en (26) en

(30) 09/962,009 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMPOSITION AND TREATMENT METHOD FOR BRAIN AND SPINAL CORD INJURIES

• COMPOSITION ET PROCEDE DE TRAITEMENT DES LESIONS CEREBRALES ET MEDULLAIRES

(71, 72) WANG, Yanming [CN/US]; 203 Summer Street, Malden, MA 02148 (US).

(74) RIGBY, Robert, E., Jr. et al. / etc.; Cesari and McKenna, LLP, 88 Black Falcon Avenue, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 03/026566 (13) A2

(21) PCT/US02/29165

(22) 13 Sep/sep 2002 (13.09.2002)

(25) en (26) en

(30) 60/323,997 21 Sep/sep 2001 US (21.09.2001)

(30) 10/242,008 12 Sep/sep 2002 US (12.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ATLASTIN

• ATLASTINE

(71) THE REGENTS OF THE UNIVERSITY OF MICHIGAN [US/US]; 3003 South State Street, Ann Arbor, MI 48109 (US).

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

(72, 75) FINK, John, K. [US/US]; 2361 Placid Way, Ann Arbor, MI 48105 (US). ZHAO,

Xinping [US/US]; 3234 North Pemberton Circle Drive, Houston, TX 77025 (US).

(74) CARROLL, Peter, G. et al. / etc.; Medlen & Carroll, LLP, 101 Howard Street, Suite 350, San Francisco, CA 94105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 03/026567 (13) A2

(21) PCT/US02/29417

(22) 17 Sep/sep 2002 (17.09.2002)

(25) en (26) en

(30) 60/325,615 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • USE OF NEURAMINIDASE INHIBITORS TO PREVENT FLU ASSOCIATED BACTERIAL INFECTIONS

• UTILISATION D'INHIBITEURS DE LA NEURAMINIDASE DANS LA PREVENTION DES INFECTIONS BACTERIENNES ASSOCIEES A LA GRIPPE

(71) ST. JUDE CHILDREN'S RESEARCH HOSPITAL, INC. [US/US]; 322 N. Lauderdale, Memphis, TN 38105-2794 (US).

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(72, 75) McCULLERS, Jonathan, A. [US/US]; 8310 Heather Glen Drive, Germantown, TN 38138 (US).

(74) COLUTER, Kathryn, L. et al. / etc.; Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 03/026568 (13) A2

(21) PCT/US02/29436

(22) 17 Sep/sep 2002 (17.09.2002)

(25) en (26) en

(30) 60/324,124 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ANDROSTANES AS ANDROGEN RECEPTOR MODULATORS

• ANDROSTANES TENANT LIEU DE MODULATEURS DE RECEPTEUR D'ANDROGENE

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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(72, 75) WANG, Jiabing [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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 03/026569 (13) A2

(21) PCT/US02/29514

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/957,773 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMPOSITION AND METHOD FOR THE TREATMENT OF HYPERCHOLESTEROLEMIA AND HYPERLIPIDEMIA IN MAMMALS

• COMPOSITION ET METHODE DE TRAITEMENT DE L'HYPERCHOLESTEROLEMIE ET DE L'HYPERLIPIDEMIE CHEZ DES MAMMIFERES

(71, 72) NIAZI, Sarfaraz, K. [US/US]; 20 Riverside Drive, Deerfield, IL 60015 (US).

(74) SHEKLETON, Gerald, T. et al. / etc.; Welsh & Katz, Ltd., 120 South Riverside Plaza, 22nd Floor, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 03/026570 (13) A2

(21) PCT/US02/29669

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 60/324,566 **24 Sep/sep 2001** US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • REDUCED TOXICITY CISPLATIN FORMULATIONS AND METHODS FOR USING THE SAME  
• FORMULATIONS DE CISPLATINE A TOXICITE REDUITE ET LEURS PROCEDES D'UTILISATION

(71) TOSK, INC. [US/US]; 2125 Delaware Avenue, Suite B, Santa Cruz, CA 95060 (US).  
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(72, 75) FOGARTY, Patrick [US/US]; 2125 Delaware Avenue, Suite B, Santa Cruz, CA 95060 (US).

(74) FIELD, Bret, E.; Bozicevic, Field & Francis, L.L.P. 200 Middlefield Road, Suite 200, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 03/026571 (13) A2

(21) PCT/US02/29715

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 60/326,639 **24 Sep/sep 2001** US  
(24.09.2001)

(30) 60/331,893 **21 Nov/nov 2001** US  
(21.11.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROCESS FOR PREPARING 17-ALLYL AMINO GELDANAMYCIN (17-AAG) AND OTHER ANSAMYCINS  
• PROCEDE DE PREPARATION DE 17-ALLYL AMINO GELDANAMYCINE (17-AAG) ET D'AUTRES ANSAMYCINES

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(74) KREÜSSER, Edward O.; BROBECK, PHLEGER & HARRISON, 12390 El Camino Real, San Diego, CA 92130 (US).

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

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 03/026572 (13) A2

(21) PCT/US02/30002

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 60/325,127 **26 Sep/sep 2001** US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CRYSTALLINE FORMS OF CARBAPENEM ANTIBIOTICS AND METHODS OF PREPARATION  
• FORMES CRISTALLINES D'ANTIBIOTIQUES A BASE DE CARBAPENEME ET PROCEDES DE PREPARATION

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
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(72, 75) BRANDS, Karel, M., J. [NL/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). CVETOVICH, Raymond [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). CROCKER, Louis, S. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). WARD, Michael, D. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). MAHAJAN, Amar, J. [IN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). WENSLow, Robert, M. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). WILLIAMS, John, M. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). SIDLER, Daniel, R. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). FISHER, Elizabeth, S. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). JOBSON, Ronald [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). ORELLA, Charles [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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 03/026573 (13) A2

(21) PCT/US02/30004

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 60/324,485 **24 Sep/sep 2001** US  
(24.09.2001)

(30) 60/378,612 **7 May/mai 2002** US  
(07.05.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SCREENING AND SELECTION METHODS FOR STATIN DRUG COMBINATIONS  
• METHODES D'ANALYSE ET DE SELECTION D'ASSOCIATIONS DE MEDICAMENTS A BASE DE STATINES

(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) PRUEKSARITANONT, Thomayant [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) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> A61K

(11) WO 03/026574 (13) A2

(21) PCT/US02/30210

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,704 **24 Sep/sep 2001** US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND COMPOSITIONS TO DETERMINE THE CHEMOSENSITIZING DOSE OF SURAMIN USED IN COMBINATION THERAPY  
• PROCEDES ET COMPOSITIONS PERMETTANT DE DETERMINER LA DOSE DE CHIMIOSENSIBILISATION DE LA SURAMINE UTILISEE DANS UNE THERAPIE ASSOCIATIVE

(71, 72) AU, Jessie, L.-S. [US/US]; 2287 Palmleaf Ct., Columbus, OH 43210 (US). WIEN-TJES, M., Guillaume [US/US]; 2287 Palmleaf Ct., Columbus, OH 43210 (US).

(74) MUELLER, Jerry, K., Jr. et al. / etc.; Mueller and Smith, LPA, 7700 Rivers Edge Drive, Columbus, OH 43235 (US).

(81) AE AG AL AU BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EC EE GE GD GE GH GM HR HU ID IL IN IS JP KE KP KR KZ LC LK LR LS LT LV MA MG MK MN MW MX MZ NO NZ OM PH PL RO SD SG SI SK SL TN 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> A61K  
(11) WO 03/026575 (13) A2  
(21) PCT/US02/30258  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) en (26) en  
(30) 09/962,920 24 Sep/sep 2001 US (24.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • MOLECULES SPECIFIC FOR NPFF RECEPTORS AND USES THEREOF  
• MOLECULES SPECIFIQUES DES RECEPTEURS NPFF ET UTILISATIONS DE CES DERNIERES  
(71) SYNAPTIC PHARMACEUTICAL CORPORATION [US/US]; 215 College Road, Paramus, NJ 07652 (US).
- (72) BOTEJU, Lakmal, W.; 39 Grissing Court, Cedar Grove, NJ 07009 (US). KONKEL, Michael, J.; 69 MacArthur Avenue, Garfield, NJ 07026 (US). KAWAKAMI, Joel, K.; 49 Blakely Lane, Newfoundland, NJ 07435 (US). WETZEL, John; 16-08 Well Drive, Fairlawn, NJ 07410 (US).
- (74) WHITE, John, P.; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K  
(11) WO 03/026576 (13) A2  
(21) PCT/US02/30266  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) en (26) en  
(30) 60/324,400 24 Sep/sep 2001 US (24.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • INDUCTION OF BROWN ADIPOCYTES BY TRANSCRIPTION FACTOR NFE2L2  
• INDUCTION D'ADIPOCYTES BRUNS AU MOYEN DU FACTEUR DE TRANSCRIPTION NFE2L2  
(71) BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE [US/US]; Louisiana State University, 111 System Building, Baton Rouge, LA 70808 (US).  
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- (74) DAVIS, Bonnie, J.; Taylor, Porter, Brooks & Phillips, P.O. Box 2471, Baton Rouge, LA 70821-2471 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K  
(11) WO 03/026577 (13) A2  
(21) PCT/US02/30282  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) en (26) en  
(30) 09/963,103 24 Sep/sep 2001 US (24.09.2001)  
(30) 10/252,947 23 Sep/sep 2002 US (23.09.2002)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • P-AMIDOBENZYLETHERS IN DRUG DELIVERY AGENTS  
• P-AMIDOBENZYL ETHER DANS DES AGENTS D'ADMINISTRATION DE MEDICAMENTS  
(71) SEATTLE GENETICS, INC. [US/US]; 21823 30th Drive, S.E., Bothell, WA 98021 (US).  
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(72, 75) SENTER, Peter, D. [US/US]; 9000 40th Avenue N.E., Seattle, WA 98115 (US). TOKI, Brian, E. [US/US]; 16720 6th Avenue West, C-204, Lynnwood, WA 98037 (US).
- (74) ANTLER, Adriane, M. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K  
(11) WO 03/026578 (13) A2  
(21) PCT/US02/30489  
(22) 26 Sep/sep 2002 (26.09.2002)  
(25) en (26) en  
(30) 09/964,240 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)  
(54) • PINE CONE EXTRACTS AND USES THEREOF  
• EXTRAITS DE POMME DE PIN ET UTILISATIONS DE CES EXTRAITS  
(71, 72) TANAKA, Akiko [US/US]; 10900 Roosevelt Blvd., St. Petersburg, FL 33716-2308 (US). JESSIP, John [US/US]; 10900 Roosevelt Blvd., St. Petersburg, FL 33716-2308 (US). BRADLEY, William, Guy [US/US]; 10900 Roosevelt Blvd., St. Petersburg, FL 33716-2308 (US).
- (74) PENDORF, Stephan, A. et al. / etc.; Pendorf & Cutliff, P.O. Box 20445, Tampa, FL 33622-0445 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K  
(11) WO 03/026579 (13) A2  
(21) PCT/US02/30578  
(22) 25 Sep/sep 2002 (25.09.2002)  
(25) en (26) en  
(30) 60/325,499 25 Sep/sep 2001 US (25.09.2001)  
(30) 60/339,284 11 Dec/déc 2001 US (11.12.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHODS FOR EPITOPE-SPECIFIC AND CYTOKINE/ANTICYTOKINE COMBINATION IMMUNOTHERAPIES FOR MODULATION OF PATHOGENIC IMMUNE RESPONSES IN IMMUNE MEDIATED DISEASES  
• METHODES DESTINEES A DES IMMUNOTHERAPIES SPECIFIQUES DES EPITOPES ET COMBINANT LA CYTOKINE/L'ANTICYTOKINE EN VUE DE MODULER DES REPOSES IMMUNITAIRES PATHOGENES DANS DES MALADIES IMMUNITAIRES  
(63) US 60/325,499 (CIP) 25 Sep/sep 2001 (25.09.2001)  
US 60/339,284 (CIP) 11 Dec/déc 2001 (11.12.2001)  
(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, 12th floor, Oakland, CA 94607-5200 (US).  
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(72, 75) ALBANI, Salvatore [IT/US]; 629 4th Street, Encinitas, CA 92024 (US). MARTINS, Alberto [IT/IT]; Via Taverma 115, I-Piacenza (IT).
- (74) HAILE, Lisa, A.; Gary Cary Ware & Friedenrich LLP, Suite 1600, 4365 Executive Drive, San Diego, CA 92121-2133 (US).



(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 03/026580 (13) A2

(21) PCT/US02/30581

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 09/962,059 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • INTERACTIVE THERAPEUTIC ENCLOSURES

• ENVELOPPES THERAPEUTIQUES INTERACTIVES

(71) THE REGENTS OF THE UNIVERSITY OF MICHIGAN [US/US]; 3003 South State Street, Ann Arbor, MI 48109-1280 (US).

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(72, 75) REES, Riley [US/US]; 1756 Plymouth Road, Suite 290, Ann Arbor, MI 48105 (US). KIM, Jiyoun [KP/US]; 442 Waymarket, Ann Arbor, MI 48103 (US). REMICK, Daniel [US/US]; 5098 Scio Church Road, Ann Arbor, MI 48103 (US). ADAMSON, Belinda [US/US]; 1756 Plymouth Road, Suite 343, Ann Arbor, MI 48105 (US).

(74) BOND, Jason, R. et al. / etc.; Medlen & Carroll, LLP, 101 Howard Street, Suite 350, San Francisco, CA 94105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 03/026581 (13) A2

(21) PCT/US02/30621

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/325,246 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PHARMACEUTICAL COMPOSITIONS AND METHODS FOR TREATING CANCER

• COMPOSITIONS PHARMACEUTIQUES ET METHODES DE TRAITEMENT DU CANCER

(71) INTERMUNE, INC. [US/US]; 3280 Bayshore Boulevard, Brisbane, CA 94005 (US).

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

(72, 75) EMLEN, James, W. [US/US]; 5469 Jasmine Street, Greenwood Village, CO 80111 (US). TREIGER, Brent, F., G. [US/US]; 461 Juanita Way, Los Altos, CA 94022 (US).

(74) LILLIS, Marcella 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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

(51)<sup>7</sup> A61K

(11) WO 03/026582 (13) A2

(21) PCT/US02/30671

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/325,657 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF PREPARING PHENOXY ALKANOIC, ALKENOIC, AND ALKANOIC ACIDS AND SALTS THEREOF VIA A DICARBOXYLATE INTERMEDIATE

• PROCEDE DE PREPARATION DES ACIDES PHENOXY ALCANOIQUE, ALKENOIQUE ET ALKANOIQUE ET DE LEURS SELS AU MOYEN D'UN INTERMEDIAIRE DICARBOXYLATE

(71) EMISPHERE TECHNOLOGIES INC. [US/US]; 765 Old Saw Mill River Road, Tarrytown, NY 10591 (US).

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

(72, 75) BERNADINO, Joseph, N. [US/US]; 8 Ocean Drive West, Stamford, CT 06902 (US).

(74) LUDWIG, Peter, S. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 03/026583 (13) A2

(21) PCT/US02/30685

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/325,221 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PULLULAN BASED FILM FORMING COSMETIC COMPOSITIONS

• COMPOSITIONS COSMETIQUES A BASE DE PULLULANE FORMANT UN FILM

(71) LAVIPHARM LABORATORIES INC. [US/US]; 69 Princeton-Hightstown Road, East Windsor, NJ 08520 (US).

(72) ZOLOTARSKY, Yelena; Lavipharm Laboratories Inc., 69 Princeton-Hightstown Road, East Windsor, NJ 08520 (US). O'HALLORAN, David; Lavipharm Laboratories Inc., 69 Princeton-Hightstown Road, East Windsor, NJ 08520 (US).

(74) DEIBERT, Thomas, S.; Dechert, P.O.Box 5218, Princeton, NJ 08543 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 03/026584 (13) A2

(21) PCT/US02/30700

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 09/963,875 26 Sep/sep 2001 US (26.09.2001)

(30) 10/120,687 11 Apr/avr 2002 US (11.04.2002)

(30) 10/136,891 2 May/mai 2002 US (02.05.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • STEM CELLS OF THE ISLETS OF LANGERHANS AND THEIR USE IN TREATING DIABETES MELLITUS

• CELLULES SOUCHES DES ILOTS DE LANGERHANS ET LEUR UTILISATION DANS LE TRAITEMENT DU DIABETE SUCRE

(71) THE GENERAL HOSPITAL CORPORATION [US/US]; 55 Fruit Street, Boston, MA 02114 (US).

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

(72, 75) **HABENER, Joel, F.** [US/US]; 156 Grant Avenue, Newton, MA 02459 (US). **ZULEWSKI, Henryk** [DE/CH]; Offenburgstrasse 55, CH-4057 Basel (CH). **THOMAS, Melissa, K.** [US/US]; One Longfellow Place, Boston, MA 02114 (US). **ABRAHAM, Elizabeth, J.** [US/US]; 119 Utica Street, Quincy, MA 02169 (US). **VALLEJO, Mario** [ES/ES]; Paseo Infanta Isabel 15, 3D, E-28014 Madrid (ES). **LEECH, Colin, A.** [GB/US]; 128 D Tudor Street, South Boston, MA 02127 (US). **NOLAN, Anna, Louise** [GB/US]; 40 Harvard Avenue #4, Brookline, MA 02446 (US). **LECHNER, Andreas** [DE/US]; 2 Foster Ct., #2, Boston, MA 02109 (US).

(74) **WILLIAMS, Kathleen, Madden;** Palmer & Dodge LLP, 111 Huntington Avenue, Boston, MA 02199-7613 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K

(11) **WO 03/026585** (13) A2

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(22) **26 Sep/sep 2002 (26.09.2002)**

(25) en (26) en

(30) 60/325,105 **26 Sep/sep 2001 US (26.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMPOSITIONS AND METHODS FOR INHIBITING ECCRINE PERSPIRATION IN HUMANS

• COMPOSITIONS ET PROCÉDES PERMETTANT D'INHIBER LA SUDATION ECCRINE CHEZ L'ÊTRE HUMAIN

(71, 72) **LUKACSKO, Alison, B.** [US/US]; 11 Brookfield Way, West Windsor, NJ 08560 (US).

(74) **MYERS, Richard, L.;** Myers, Dawes & Andras LLP, Suite 1150, 19900 MacArthur Boulevard, Irvine, CA 92612 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) **WO 03/026586** (13) A2

(21) PCT/US02/30920

(22) **27 Sep/sep 2002 (27.09.2002)**

(25) en (26) en

(30) 60/326,112 **28 Sep/sep 2001 US (28.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PIOGLITAZONE HYDROCHLORIDE  
• CHLORHYDRATE DE PIOGLITAZONE

(71) **TEVA PHARMACEUTICAL INDUSTRIES LTD.** [IL/IL]; Basel Street 5, P.O. Box 3190, 49131 Petah Tiqva (IL).

(for all designated States except / pour tous les États désignés sauf 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) **WIZEL, Shlomit** [IL/IL]; Yehuda Hanassi 2, Petah Tiqva 49742 (IL). **FINOGUEEV, Sergey** [IL/IL]; P.O. Box 3029, 90100 Quiriat Arbaa 213/8 (IL). **HILDESHEIM, Jean** [IL/IL]; Rothchild 30, Mazkeret Batya (IL).

(74) **BRAINARD, Charles, R.** et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) **WO 03/026587** (13) A2

(21) PCT/US02/30989

(22) **26 Sep/sep 2002 (26.09.2002)**

(25) en (26) en

(30) 60/324,874 **26 Sep/sep 2001 US (26.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMPOUNDS USEFUL FOR TREATING HEPATITIS C VIRUS

• COMPOSES POUR TRAITER LE VIRUS DE L'HEPATITE C

(71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P. O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).

(72) **PRIESTLEY, Eldon, Scott;** 109 Ramunno Circle, Hockessin, DE 19797 (US). **DEICCO, Carl, P.;** 102 Indian Springs Road, Kennett Square, PA 19348 (US). **HUDYMA, Thomas, W.;** 105R Black Walnut Drive, Durham, CT -6422 (US). **ZHENG, Xiaofan;** 46 Dundee Drive, Cheshire, CT 06410 (US).

(74) **MORSE, David** et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) **WO 03/026588** (13) A2

(21) PCT/US02/31019

(22) **27 Sep/sep 2002 (27.09.2002)**

(25) en (26) en

(30) 60/326,032 **28 Sep/sep 2001 US (28.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND APPARATUS FOR EXTRUSION OF VESICLES AT HIGH PRESSURE

• METHODES ET APPAREILS D'EXTRUSION DE VESICULES A HAUTE PRESSION

(71) **ESPERION THERAPEUTICS, INC.** [US/US]; 3621 S. State Street, 695 KMS Place, Ann Arbor, MI 48108 (US).

(72) **HILL, Knut, R.;** 225 Outer Lane, Ypsilant, MI 48198 (US). **RODRIGUEZA, Wendi;** 2148 Vail Court, Ann Arbor, MI 48108 (US). **SY, Gavin, A.;** 2795 Winwood Drive, #167, Ann Arbor, MI 48105 (US).

(74) **CORUZZI, Laura, A.** et al. / etc.; Pennic & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) **WO 03/026589** (13) A2

(21) PCT/US02/31039

(22) **30 Sep/sep 2002 (30.09.2002)**

(25) en (26) en

(30) 60/326,184 **28 Sep/sep 2001 US (28.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND COMPOSITIONS FOR TREATING HEPATITIS C VIRUS USING 4'-MODIFIED NUCLEOSIDES

• PROCÉDES ET COMPOSITIONS POUR LE TRAITEMENT DU VIRUS DE L'HEPATITE C AU MOYEN DE NUCLEOSIDES MODIFIES EN 4'

(71) **IDENIX (CAYMAN) LIMITED** [—/—]; Walker Secretaries, Walker House, Grand Cayman (KY). **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE** [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR). **L'UNIVERSITE MONTPELLIER II** [FR/FR]; 2 Place Eugène Bataillon, F-34095 Montpellier Cedex 5 (FR).

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(72, 75) **GOSSELIN, Gilles** [FR/FR]; 82, rue Calvin, 400 Avenue Paul Rimbaud, F-34080 Montpellier (FR). **IMBACH, Jean-Louis** [FR/FR]; 1108, rue Las Sorbes, Impasse des Luques, F-34000 Montpellier (FR). **SOMMADOSSI, Jean-Pierre** [FR/US]; 7 Lowell Street, Cambridge, MA 02138 (US).

(74) **KNOWLES, Sherry, M.**; King & Spalding, 191 Peachtree St., Atlanta, GA 30303-1763 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K**

(11) **WO 03/026590** (13) **A2**

(21) PCT/US02/31091

(22) **27 Sep/sep 2002 (27.09.2002)**

(25) en (26) en

(30) 60/325,664 **28 Sep/sep 2001** US  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **BIOLOGICAL CONTROL OF NANOPARTICLES**  
• **REGULATION BIOLOGIQUE DE NANOPARTICLES**

(71) **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West 7th Street, Austin, TX 78701 (US).

(72) **BELCHER, Angela, M.**; 35 Balfour Street, Lexington, MA 02421 (US). **SMALLEY, Richard, E.**; Rice University, Space Science Bldg, Room 301a, 6100 Main Street, Houston, TX 77005-1892 (US). **RYAN, Esther**; 11653 Cherryview Lane, San Jose, CA 95116 (US). **LEE, Seung-Wuk**; Rice University, Space Science Bldg, Room 301a, 6100 Main Street, Houston, TX 77005-1892 (US).

(74) **WARREN, Sanford, E., Jr.** et al. / etc.; Gardere Wynne Sewell LLP, Suite 3000, 1601 Elm Street, Dallas, TX 75201-4761 (US).

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

SE SG SI SK SL TJ TM TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K**

(11) **WO 03/026591** (13) **A2**

(21) PCT/US02/31944

(22) **24 Sep/sep 2002 (24.09.2002)**

(25) en (26) en

(30) 60/324,406 **24 Sep/sep 2001** US  
(24.09.2001)

(30) GB0200507.2 **10 Jan/jan 2002** GB  
(10.01.2002)

(30) 60/392,109 **28 Jun/juin 2002** US  
(28.06.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **MODIFICATION OF FEEDING BEHAVIOR**

• **MODIFICATION DE COMPORTEMENT ALIMENTAIRE**

(71) **IMPERIAL COLLEGE INNOVATIONS LTD.** [GB/GB]; 47 Prince's Gate, Exhibition Road, London SW72QA (GB). **OREGON HEALTH AND SCIENCE UNIVERSITY** [US/US]; 2525 S.W. First Avenue, Suite AD-120, Portland, OR 97201 (US).

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(72, 75) **COWLEY, Michael** [AU/US]; 6724 S.E. 19th Avenue, Portland, OR 97202 (US). **CONE, Roger** [US/US]; 16563 S. Hattan Road, Oregon City, OR 97045 (US). **LOW, Malcolm** [NZ/US]; 4650 S.W. Upper Drive, Lake Oswego, OR 97035 (US). **BUTLER, Andrew** [NZ/US]; 3730 S.W. 12th Avenue, Apartment 10, Portland, OR 97201 (US). **BLOOM, Stephen, Robert** [GB/GB]; Imperial College Innovations Limited, 47 Prince's Gate, Exhibition Road, London SW72QA (GB). **SMALL, Caroline, Jane** [GB/GB]; Imperial College Innovations Limited, 47 Prince's Gate, Exhibition Road, London SW72QA (GB). **BATTERHAM, Rachel, Louise** [GB/GB]; Imperial College Innovations Limited, 47 Prince's Gate, Exhibition Road, London SW72QA (GB). **GHATEI, Mohammad, Ali** [GB/GB]; Imperial College Innovations Limited, 47 Prince's Gate, Exhibition Road, London SW72QA (GB).

(74) **POLLEY, Richard, J.**; Klarquist Sparkman, LLP, One World Trade Center, Suite 1600, 121 SW Salmon Street, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> **A61K 7/00**

(11) **WO 03/026592** (13) **A2**

(21) PCT/FR02/03235

(22) **23 Sep/sep 2002 (23.09.2002)**

(25) fr (26) fr

(30) 01/12473 **27 Sep/sep 2001** FR  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **USE OF A MIXTURE OF OIL OF MELALEUCA ALTERNIFOLIA AND AVOCADINE<sup>SM</sup> WHICH IS INCORPORATED IN MICROCAPSULES THAT ARE FIXED TO ANY FABRIC IN ORDER TO FIRM THE SKIN**

• **UTILISATION DU MELANGE D'HUILE DE MELALEUCA ALTERNIFOLIA ET D'AVOCADINE<sup>®</sup> INCORPORÉ DANS DES MICROCAPSULES FIXÉES SUR TOUT TEXTILE POUR RAFFERMIR LA PEAU**

(71) **SEDERMA** [FR/FR]; 29, rue du Chemin Vert - BP 33, F-78612 Le Perray-en Yvelines Cedex (FR).

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

(72, 75) **LINTNER, Karl** [FR/FR]; 69, rue de l'Assomption, F-75016 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 7/00**

(11) **WO 03/026593** (13) **A2**

(21) PCT/FR02/03236

(22) **23 Sep/sep 2002 (23.09.2002)**

(25) fr (26) fr

(30) 01/12472 **27 Sep/sep 2001** FR  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **USE OF VIRGIN GOURD SEED OIL WHICH IS INCORPORATED IN MICROCAPSULES THAT ARE FIXED TO ANY FABRIC IN ORDER TO FIRM AND TONE THE SKIN**

• **UTILISATION D'HUILE VIERGE DE PEPIN DE COURGE INCORPORÉE DANS DES MICROCAPSULES FIXÉES SUR TOUT TEXTILE POUR RAFFERMIR ET TONIFIER LA PEAU**

(71) **SEDERMA** [FR/FR]; 29, rue du Chemin Vert - BP 33, F-78612 Le Perray-en-Yvelines Cedex (FR).

- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINTNER, Karl [FR/FR]; 69, rue de l'Assomption, F-75016 Paris (FR).
- (74) SEDERMA; 29, rue du Chemin Vert - BP 33, F-78612 Le Perray-en-Yvelines Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 7/00
- (11) WO 03/026594 (13) A2
- (21) PCT/FR02/03237
- (22) 23 Sep/sep 2002 (23.09.2002)
- (25) fr (26) fr
- (30) 01/12470 27 Sep/sep 2001 FR (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • USE OF GINGER OIL WHICH IS INCORPORATED IN MICROCAPSULES WHICH ARE FIXED TO ANY FABRIC IN ORDER TO IMPROVE MICROCIRCULATION AND TO ELIMINATE SWELLING AND HEAVY LEG SENSATIONS
- UTILISATION D'HUILE DE GINGEMBRE INCORPORÉE DANS DES MICROCAPSULES FIXÉES SUR TOUT TEXTILE POUR AMÉLIORER LA MICROCIRCULATION ET ÉLIMINER LES SENSATIONS DE GONFLEMENT ET DE JAMBE LOURDE
- (71) SEDERMA [FR/FR]; 29, rue du Chemin Vert - BP 33, F-78612 Le Perray-en-Yvelines Cedex (FR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINTNER, Karl [FR/FR]; 69, rue de l'Assomption, F-75016 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 7/00, 7/42, 7/44, C07G 3/00
- (11) WO 03/026595 (13) A1
- (21) PCT/US02/29290
- (22) 16 Sep/sep 2002 (16.09.2002)
- (25) en (26) en
- (30) 09/957,920 21 Sep/sep 2001 US (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SUNSCREEN COMPOSITIONS
- COMPOSITIONS ANTISOLAIRES
- (71) PLAYTEX PRODUCTS, INC. [US/US]; 300 Myala Farms Road, Westport, CT 06880 (US).
- (72) SANOGUEIRA, James; 4 Kimmissy Court, Suffern, NY 10901 (US). FULLER, Jennifer; 217 Summit Road, Mahwah, NJ 07430 (US).
- (74) RUGGIERO, Charles, N., J.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> A61K 7/06, 7/13, 7/135, C07C 315/04
- (11) WO 03/026597 (13) A1
- (21) PCT/FR02/03242
- (22) 23 Sep/sep 2002 (23.09.2002)
- (25) fr (26) fr
- (30) 01/12375 26 Sep/sep 2001 FR (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • COSMETIC COMPOSITION CONTAINING SULPHINIC ACID DERIVATIVES
- COMPOSITION COSMÉTIQUE CONTENANT DES DÉRIVÉS D'ACIDE SULFINIQUE
- (71) L'OREAL [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEGRAND, Frédéric [FR/FR]; 3, avenue du Château du Loir, F-92400 Courbevoie (FR). LAGRANGE, Alain [FR/FR]; 5, rue de Montry, F-77700 Coupvray (FR).
- (74) LHOSTE, Catherine; L'Oréal D.I.P.L., 6, rue Bertrand Sincholle, F-92117 Clichy Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> A61K 7/06, 7/00, 7/48
- (11) WO 03/026598 (13) A1
- (21) PCT/JP02/09457
- (22) 13 Sep/sep 2002 (13.09.2002)
- (25) ja (26) ja
- (30) 2001-285790 19 Sep/sep 2001 JP (19.09.2001)
- (30) 2002-251201 29 Aug/août 2002 JP (29.08.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (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 /

- (54) • EXTERNAL PREPARATION  
• PREPARATION EXTERNE
- (71) LION CORPORATION [JP/JP]; 3-7, Honjo 1-chome, Sumida-ku, Tokyo 130-8644 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) YOKOMAKU, Atsushi [JP/JP]; c/o LION CORPORATION, 3-7, Honjo 1-chome, Sumida-ku, Tokyo 130-8644 (JP). ITO, Taketoshi [JP/JP]; c/o LION CORPORATION, 3-7, Honjo 1-chome, Sumida-ku, Tokyo 130-8644 (JP). AONO, Megumi [JP/JP]; c/o LION CORPORATION, 3-7, Honjo 1-chome, Sumida-ku, Tokyo 130-8644 (JP). WATANABE, Shinichi [JP/JP]; c/o LION CORPORATION, 3-7, Honjo 1-chome, Sumida-ku, Tokyo 130-8644 (JP). NISHIDA, Yuichi [JP/JP]; c/o LION CORPORATION, 3-7, Honjo 1-chome, Sumida-ku, Tokyo 130-8644 (JP).
- (74) KOJIMA, Takashi et al. / etc.; GINZA OHTSUKA Bldg., 2F, 16-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61K 7/06, 7/48
- (11) WO 03/026599 (13) A1
- (21) PCT/US02/30096
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) en (26) en
- (30) 60/325,021 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PERSONAL CLEANSING COMPOSITIONS COMPRISING SILICONE RESIN-CONTAINING ADHESIVES  
• COMPOSITIONS NETTOYANTES POUR L'HYGIENE CORPORELLE, CONTENANT DES ADHESIFS QUI RENFERMENT DE LA RESINE SILICONE
- (71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) CHAPPELL, Michael, Jahi; 9210-2A Deercross Parkway, Blue Ash, OH 45236 (US). CLAPP, Mannie, Lee; 5042 Lexington Court, Mason, OH 45040 (US). JOHNSON, Eric, Scott; 4575 Aspen Drive, Hamilton, OH 45011 (US). TAYLOR, Rebecca, Ann; 1300 Corydale Drive, Fairfield, OH 45014 (US). MCHUGH, Colin, Michael; 5485 Patriot Court, Mason, OH 45040 (US). SMITH, Edward, Dewey, III; 6880 Man-O-War Lane, Mason, OH 45040 (US).
- (74) REED, David, T. et al. / etc.; The Procter & Gamble Company, 6110 Center Hill Rd., Cincinnati, OH 45224 (US).
- (81) AE AG AL AM AT 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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> A61K 7/15, 7/155
- (11) WO 03/026600 (13) A1
- (21) PCT/US02/30770
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 09/965,354 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • TOPICAL APPLICATION OF CHROMOPHORES FOR HAIR REMOVAL  
• APPLICATION TOPIQUE DE CHROMOPHORES POUR L'ÉPILATION
- (71) CERAMOPTEC INDUSTRIES, INC. [US/US]; 515 Shaker Road, East Longmeadow, MA 01028 (US).
- (72) SUMIAN, Chryslain; Spitzweidenweg 30, 07743 Jena (DE). NEUBERGER, Wolfgang; 905 Beta Tower Financial Park, 87000 F.T. Labuan (MY). MORDON, Serge; 21, avenue des Villas, F-59491 Villeneuve d'Ascq (FR).
- (74) CERAMOPTEC INDUSTRIES, INC.; Skutnik, Bolesh, J., 515 Shaker Road, East Longmeadow, MA 01028 (US).
- (81) AU BR CA CN IN JP KR RU.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> A61K 7/16
- (11) WO 03/026601 (13) A1
- (21) PCT/KR02/01748
- (22) 18 Sep/sep 2002 (18.09.2002)
- (25) ko (26) en
- (30) 2001/59880 27 Sep/sep 2001 KR (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ORAL COMPOSITION FOR TREATING SENSITIVE TEETH  
• COMPOSITION ADMINISTREE PAR VOIE ORALE POUR TRAITER LA SENSIBILITE DENTAIRE
- (71) LG HOUSEHOLD & HEALTH CARE LTD. [KR/KR]; 20, Youido-dong, Youngdeungpo-gu, 150-010 Seoul (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KANG, Taek-Kyun [KR/KR]; 107-1101, Paikhap APT, Wolpyong-2-dong, Seo-gu, 302-282 Daejeon (KR). KIM, Young-Ho [KR/KR]; 108-804, Sejong APT, 462-5, Jeonmin-dong, Yusong-gu, 305-390 Daejeon (KR). AHN, Jae-Hyun [KR/KR]; 13-801, Soojeong APT, Dunsan-dong, Seo-gu, 302-120 Daejeon (KR).
- (74) LEE, Byung-Hyun; # 705, New Seoul Bldg., 828-8, Yeoksam-dong, Kangnam-gu, 135-080 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 7/32, 7/48, 39/08
- (11) WO 03/026602 (13) A2
- (21) PCT/DE02/03561
- (22) 23 Sep/sep 2002 (23.09.2002)
- (25) de (26) de
- (30) 101 46 647.1 21 Sep/sep 2001 DE (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MEDICINE FOR PREVENTING AND TREATING BROMIDROSIS  
• MEDICAMENT POUR LA PROPHYLAXIE ET LA THERAPIE DE BROMIDROSE
- (71, 72) HECKMANN, Marc [DE/DE]; Waldstr. 1, 82343 Pöcking (DE).
- (74) BETTENHAUSEN, Berthold et al. / etc.; Dehmel & Bettenhausen, Patentanwälte, Müllerstr. 1, 80469 München (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 7/48, 31/56, 31/715
- (11) WO 03/026603 (13) A1
- (21) PCT/EP02/10042
- (22) 7 Sep/sep 2002 (07.09.2002)
- (25) de (26) de
- (30) 101 46 500.9 21 Sep/sep 2001 DE (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)

(54) • COSMETIC AND/OR DERMATOLOGICAL ACTIVE INGREDIENT COMBINATION OF TRITERPENES AND CYCLODEXTRINS

• ASSOCIATION DE PRINCIPES ACTIFS, EN PARTICULIER DE TRITERPENES ET CYCLODEXTRINES, A USAGE COSMETIQUE ET/OU DERMATOLOGIQUE

(71) BEIERSDORF AG [DE/DE]; Unnastrasse 48, 20245 Hamburg (DE).

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

(72, 75) RASCHKE, Thomas [DE/DE]; Eichhörnchenweg 5, 22529 Pinneberg (DE). RODE, Timo [DE/DE]; Heussweg 67, 20255 Hamburg (DE). SCHÖNROCK, Uwe [DE/DE]; Lerchenweg 33, 23866 Nahe (DE).

(74) BEIERSDORF AG; Unnastrasse 48, 20245 Hamburg (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)<sup>7</sup> A61K 7/48, A61P 17/10

(11) WO 03/026604 (13) A1

(21) PCT/FR02/03220

(22) 20 Sep/sep 2002 (20.09.2002)

(25) fr (26) fr

(30) 01/12259 24 Sep/sep 2001 FR (24.09.2001)

(30) 02/02001 18 Feb/fév 2002 FR (18.02.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ANTI-INFLAMMATORY DERMOCOSMETOLOGIC COMPOSITION IN PARTICULAR FOR TREATING ACNE AND SEBORRHEIC DERMATITIS

• COMPOSITION DERMOCOSMETOLOGIQUE A VISEE ANTI-INFLAMMATOIRE, EN PARTICULIER POUR LE TRAITEMENT DE L'ACNE ET DE LA DERMITE SEBORRHEÏQUE

(71) PIERRE FABRE DERMO-COSMETIQUE [FR/FR]; 45, place Abel Gance, F-92100 Boulogne-Billancourt (FR).

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

(72, 75) FORT-LACOSTE, Lydie [FR/FR]; 184, chemin des Condomines, F-31860 Labarthe sur Leze (FR). ARIES, Marie-Françoise [FR/FR]; 13, rue du Grand Sud, F-31750 Escalquens (FR). DUSSERT, Anne-Sophie [FR/FR]; 16, rue Auguste Dide, F-31500 Toulouse (FR).

(74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> A61K 7/48

(11) WO 03/026605 (13) A2

(21) PCT/FR02/03256

(22) 24 Sep/sep 2002 (24.09.2002)

(25) fr (26) fr

(30) 01/12270 24 Sep/sep 2001 FR (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COSMETIC COMPOSITION FOR HUMAN SKIN AND HAIR CARE

• COMPOSITION COSMETIQUE POUR LE SOIN DE LA PEAU ET DES CHEVEUX DE L'HOMME

(71) LABORATOIRES CLARINS [FR/FR]; 4, rue Berteaux-Dumas, F-92200 Neuilly-sur-Seine (FR).

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

(72, 75) COURTIN, Olivier [FR/FR]; 6 bis, rue de Belles Feuilles, F-92100 Boulogne-sur-Seine (FR).

(74) BREESE, Pierre et al. / etc.; Breesé-Majerowicz, 3, avenue de l'Opéra, F-75001 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 7/48, 7/00, A61P 17/00, 17/04

(11) WO 03/026606 (13) A1

(21) PCT/JP02/09895

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001-291915 25 Sep/sep 2001 JP (25.09.2001)

(30) 2001-291916 25 Sep/sep 2001 JP (25.09.2001)

(30) 2002-92392 28 Mar/mar 2002 JP (28.03.2002)

(30) 2002-186446 26 Jun/juin 2002 JP (26.06.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMPOSITIONS FOR IMPROVING SKIN BARRIER FUNCTION

• COMPOSITIONS AMELIORANT LA FONCTION BARRIERE DE LA PEAU

(71) SEKISUI CHEMICAL CO., LTD. [JP/JP]; 4-4, Nishitenma 2-chome, Kita-ku, Osaka-shi, Osaka 530-8565 (JP).

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

(72, 75) SHIMIZU, Tatsuo [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho, Mishima-gun, Osaka 618-8589 (JP). KURIYAMA, Kiyoshi [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho, Mishima-gun, Osaka 618-8589 (JP).

(74) YASUTOMI, Yasuo; Chuo BLDG., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) AU CA CN KR NZ RU US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> A61K 7/48, 7/50

(11) WO 03/026607 (13) A2

(21) PCT/US02/29663

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 09/964,143 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • EMOLLIENT SKIN CONDITIONING CREAM AND METHOD

• CREME REVITALISANTE ET EMOLLIEN-TE ET PROCEDE ASSOCIE

(71) CRABTREE & EVELYN, LTD. [US/US]; 102 Peake Brook Road, P.O. Box 167, Woodstock, CT 06281-0167 (US).

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

(72, 75) MCLAUGHLIN, James, Hugh [—/US]; 108 Pomfret Road, Brooklyn, CT 06234 (US).

(74) MILLER, Richard, N.; 188 Garner Avenue, Bloomfield, NJ 07003 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE 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 SD SE SG  
SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT 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)<sup>7</sup> A61K 7/48

(11) WO 03/026608 (13) A1

(21) PCT/US02/30097

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 60/325,023 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • TOPICAL COMPOSITIONS CONTAINING FLUID-ABSORBENT SOLIDS AND ADHESIVE FLUIDS  
• COMPOSITIONS TOPIQUES CONTENANT DES SOLIDES ABSORBANTS LES LIQUIDES ET DES LIQUIDES ADHESIFS

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) CLAPP, Mannie, Lee; 5042 Lexington Court, Mason, OH 45040 (US). TAYLOR, Rebecca, Ann; 1300 Corydale Drive, Fairfield, OH 45014 (US). MCHUGH, Colin, Michael; 5485 Patriot Court, Mason, OH 45040 (US). SUNKEL, Jorge, Max; 460 Fairview Place, Cincinnati, OH 45219 (US). FELTS, Timothy, James; 481 Ridgelawn Avenue, Hamilton, OH 45013 (US). SMITH, Edward, Dewey, III; 6880 Man-O-War Lane, Mason, OH 45040 (US). SYFERT, Scott, William; 2828 Erie Avenue, Cincinnati, OH 45208 (US). RODDY, Michael, Joseph; 4115 Malaer Drive, Cincinnati, OH 45241 (US). CORKERY, Robert, William; 3532 Pape Avenue, Cincinnati, OH 45208 (US).

(74) REED, David, T. et al. / etc.; The Procter & Gamble Company, 6110 Center Hill Rd., Cincinnati, OH 45224 (US).

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

(51)<sup>7</sup> A61K 7/50

(11) WO 03/026609 (13) A1

(21) PCT/EP01/10903

(22) 20 Sep/sep 2001 (20.09.2001)

(25) de (26) de

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • SKIN AND HAND CARE AGENTS  
• AGENTS DE SOIN DE LA PEAU ET DES MAINS

(71) STOCKHAUSEN GMBH & CO.KG [DE/DE]; Bäckerpfad 25, D-47805 Krefeld (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VEEGER, Marcel [DE/DE]; Knobbenhof 11, D-47874 Goch (DE). KLOTZ, Andreas [DE/DE]; Grevenbroicher Str. 8, D-41516 Grevenbroicher (DE). MAEHSE, Gerda [DE/DE]; Saassenstrasse 9, D-47807 Krefeld (DE). HÄUSLER, Beatrice [DE/DE]; Elsternweg 28, D-47804 Krefeld (DE). FAENSEN, Karin [DE/NL]; Franziskanerstraat 46a, NL-6462 CP Kerkrade (NL).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EC EE GD GE GH GM HR ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NO NZ PL RO RU SD SG SI SK SL TJ TM TT TZ UA UG UZ VN YU ZA 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)<sup>7</sup> A61K 9/00

(11) WO 03/026610 (13) A2

(21) PCT/IB02/03969

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 981/DEL/2001 25 Sep/sep 2001 IN  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • PROCESS FOR THE PREPARATION OF FAST DISSOLVING DOSAGE FORM  
• PROCEDE DE PREPARATION D'UNE FORME POSOLOGIQUE A DISSOLUTION RAPIDE

(71) RANBAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, 110 019 New Delhi (IN).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MADAN, Ashish [IN/IN]; 17A, Pocket - 9, Kalkaji Extension, DDA Flats, 110 019 New Delhi (IN). TREHAN, Anupam [IN/IN]; C-208, Mansarovar Garden, 110 015 New Delhi (IN). ARORA, Vinod, Kumar [IN/IN]; 20 B, DG II, Vikas Puri, 110 018 New Delhi (IN).

(74) RANBAXY LABORATORIES LIMITED; c/o Deshmukh, Jayadeep R., 600 College Road East, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 9/00

(11) WO 03/026611 (13) A2

(21) PCT/US02/30447

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 09/964,273 26 Sep/sep 2001 US  
(26.09.2001)

(30) 10/183,035 26 Jun/juin 2002 US  
(26.06.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • PREPARATION OF SUBMICRON SIZED NANOPARTICLES VIA DISPERSION AND SOLVENT OR LIQUID PHASE REMOVAL

- PREPARATION DE NANOPARTICULES SUBMICRONIQUES PAR DISPERSION ET ELIMINATION D'UN SOLVANT OU D'UNE PHASE LIQUIDE

(71) BAXTER INTERNATIONAL INC. [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US).

(72) BRYNJELSEN, Sean; 4 Walnut Grove Ct., Lake-In-The-Hills, IL 60156 (US). STERNBERG, Shmuel; 709 E. Lenox Lane, Palatine, IL 60067 (US). DUNHAM, Andrew, J.; 1939 West Bluff Court, Round Lake, IL 60073 (US). DOTY, Mark, J.; 610 Kenilworth, Grayslake, IL 60030 (US). KIPP, James, E.; 609 Hermosa Avenue, Wauconda, IL 60084 (US). JAYSWAL, Nailesh; 29 Meigs Court, Bensenville, IL 60106 (US). NARAYANAN, Krishnaswamy; 2721 Minot Lane, Waukesha, WI 53188 (US).

(74) BUONAIUTO, Mark, J. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> A61K 9/00

(11) WO 03/026612 (13) A2

(21) PCT/US02/31066

(22) 28 Sep/sep 2002 (28.09.2002)

- (25) en (26) en
- (30) 09/966,939 **28 Sep/sep 2001** US  
(28.09.2001)
- (30) 09/966,509 **28 Sep/sep 2001** US  
(28.09.2001)
- (30) 09/966,497 **28 Sep/sep 2001** US  
(28.09.2001)
- (30) 09/967,414 **28 Sep/sep 2001** US  
(28.09.2001)
- (30) 09/966,450 **28 Sep/sep 2001** US  
(28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DOSAGE FORMS HAVING AN INNER CORE AND OUTER SHELL
- FORME PHARMACEUTIQUE COMPRENANT UN NOYAU INTERNE ET UNE COQUE EXTERNE
- (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, 75) BUNICK, Frank, J. [US/US]; 750 E. Cherry Road, Quakertown, PA 18951 (US). SOWDEN, Harry, S. [US/US]; 209 WOODS ROAD, GLENSIDE, PA 19038 (US). THOMAS, Martin [US/GB]; 7401 Trescott Drive, Lake Worth, FL 33467 (US). BURKE, John [US/US]; 2468 Oleander Circle, Jamison, PA 18929 (US). LEE, Der-Yang [US/US]; 10 Kentworth Court, Flemington, NJ 08822 (US).
- (74) JOHNSON, Philip, S. et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> A61K 9/00, 9/20, A23G 3/00
- (11) WO 03/026614 (13) A1
- (21) PCT/US02/31115
- (22) 28 Sep/sep 2002 (28.09.2002)
- (25) en (26) en
- (30) 09/966,939 **28 Sep/sep 2001** US  
(28.09.2001)
- (30) 09/966,509 **28 Sep/sep 2001** US  
(28.09.2001)
- (30) 09/966,497 **28 Sep/sep 2001** US  
(28.09.2001)
- (30) 09/967,414 **28 Sep/sep 2001** US  
(28.09.2001)
- (30) 09/966,450 **28 Sep/sep 2001** US  
(28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DOSAGE FORM CONTAINING A CONFECTIONERY COMPOSITION
- FORME DE DOSAGE CONTENANT UNE COMPOSITION DE CONFISERIE
- (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, 75) BUNICK, Frank, J. [US/US]; 750 E. Cherry Road, Quakertown, PA 18951 (US). GILMOR, Timothy, P. [US/US]; 639 South Broad Street, apt M8, Lansdale, PA 19446 (US). LABELLA, Gus, B. [US/US]; 176 Stine Drive, Collegetown, PA 19426 (US). MCNALLY, Gerard, P. [US/US]; 177 Coldstream Drive, Berwyn, PA 19312 (US). THOMAS, Martin [GB/US]; 7401 Trescott Drive, Lake Worth, FL 33467 (US). SOWDEN, Harry, S. [US/US]; 209 Woods Road, Glenside, PA 19038 (US). LEE, Der-Yang [US/US]; 10 Kentworth Court, Flemington, NJ 08822 (US).
- (74) JOHNSON, Philip, S. et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> A61K 9/00, 9/28, 9/20
- (11) WO 03/026613 (13) A1
- (21) PCT/US02/31067
- (22) 28 Sep/sep 2002 (28.09.2002)
- (25) en (26) en
- (30) 09/966,939 **28 Sep/sep 2001** US  
(28.09.2001)
- (30) 09/966,509 **28 Sep/sep 2001** US  
(28.09.2001)
- (30) 09/966,497 **28 Sep/sep 2001** US  
(28.09.2001)
- (30) 09/967,414 **28 Sep/sep 2001** US  
(28.09.2001)
- (30) 09/966,450 **28 Sep/sep 2001** US  
(28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MODIFIED RELEASE DOSAGE FORMS
- FORMES DE DOSAGE A LIBERATION MODIFIEE
- (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, 75) LEE, Der-Yang [US/US]; 10 Kentworth Court, Flemington, NJ 08822 (US). LI, Shun-Por [US/US]; 1615 Clearbrook Road, Lansdale, PA 19446 (US). PARIKH, Narendra [US/US]; 14 Sycamore Lane, Long Valley, NJ 07853 (US). MCTEIGUE, Dan [US/US]; 106 N. Main Street, North Wales, PA 19454 (US). SOWDEN, Harry, S. [US/US]; 209 Woods Road, Glenside, PA 19038 (US). THOMAS, Martin [US/GB]; 7401 Trescott Drive, Lake Worth, FL 33467 (US). WYNN, David [US/US]; 1267 Huntingdon Road, Abington, PA 19001 (US).
- (74) JOHNSON, Philip, S. et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 9/00, 9/20, 9/28

(11) WO 03/026616 (13) A1

(21) PCT/US02/31164

(22) 28 Sep/sep 2002 (28.09.2002)

(25) en (26) en

(30) 09/966,939 28 Sep/sep 2001 US (28.09.2001)

(30) 09/966,509 28 Sep/sep 2001 US (28.09.2001)

(30) 09/966,497 28 Sep/sep 2001 US (28.09.2001)

(30) 09/967,414 28 Sep/sep 2001 US (28.09.2001)

(30) 09/966,450 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • EDIBLE COMPOSITION AND DOSAGE FORM COMPRISING AN EDIBLE SHELL

• COMPOSITION COMESTIBLE ET FORME PHARMACEUTIQUE COMPRENANT UNE ENVELOPPE COMESTIBLE

(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, 75) BUNICK, Frank, J. [US/US]; 750 E. Cherry Road, Quakertown, PA 18951 (US). LABELLA, Gus, B. [US/US]; 176 Stine Drive, Collegeville, PA 19426 (US). SOWDEN, Harry, S. [US/US]; 209 Woods Road, Glenside, PA 19038 (US).

(74) JOHNSON, Philip, S. et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08903 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 9/127

(11) WO 03/026617 (13) A2

(21) PCT/EP02/10653

(22) 27 Sep/sep 2002 (27.09.2002)

(25) de (26) de

(30) 101 48 065.2 28 Sep/sep 2001 DE (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • (ESTER)-LYSOLECITHINS IN LIPOSOMES

• (ESTER)-LYSOLECITHINES DANS DES LIPOSOMES

(71) MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V. [DE/DE]; Hofgartenstrasse 8, 80539 München (DE).

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

(72, 75) EIBL, Jörg [DE/DE]; Heinrich-Deppering Ring 22, 37120 Bovenden (DE).

(74) WEICKMANN & WEICKMANN; Postfach 860 820, 81635 München (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> A61K 9/127

(11) WO 03/026618 (13) A1

(21) PCT/US02/30997

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 60/325,673 28 Sep/sep 2001 US (28.09.2001)

(30) 60/364,734 14 Mar/mar 2002 US (14.03.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LOCALIZED NON-INVASIVE BIOLOGICAL MODULATION SYSTEM

• SYSTEME DE MODULATION BIOLOGIQUE NON EFFRACTIF LOCALISE

(71) SAOIRSE CORPORATION [US/US]; 3 Ames Street, #120, Cambridge, MA 02139 (US).

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

(72, 75) KANE, Patrick, D. [US/US]; 6900 Shane Place, Anchorage, AK 02139 (US).

(74) EISENSTEIN, Ronald, I.; Nixon Peabody LLP, 101 Federal Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 9/16, 9/20, 9/32, 9/36, 9/40, 9/42, 31/496, 45/00, 47/30, 47/32, 47/34, 47/36, 47/38, 47/42, 47/44

(11) WO 03/026619 (13) A1

(21) PCT/JP02/09910

(22) 26 Sep/sep 2002 (26.09.2002)

(25) ja (26) ja

(30) 2001-295143 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • GRANULES HAVING IMPROVED DOSING PROPERTIES

• GRANULES PRESENTANT DES PROPRIETES DE DOSAGE AMELIOREES

(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) MURAI, Kouji [JP/JP]; c/o Pharmaceutical Research Institute, Kyowa Hakko Kogyo Co., Ltd., 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 (JP). UCHIDA, Akihiro [JP/JP]; c/o Pharmaceutical Research Institute, Kyowa Hakko Kogyo Co., Ltd., 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 (JP).

AIMOTO, Masaharu [JP/JP]; c/o Pharmaceutical Research Institute, Kyowa Hakko Kogyo Co., Ltd., 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 (JP). KATO, Yasuki [JP/JP]; c/o Pharmaceutical Research Institute, Kyowa Hakko Kogyo Co., Ltd., 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 9/20, 35/78

(11) WO 03/026620 (13) A1

(21) PCT/DE02/02634

(22) 15 Jul/juil 2002 (15.07.2002)

(25) de (26) de

(30) 101 44 108.8 3 Sep/sep 2001 DE (03.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR PRODUCING TABLETS FROM PLANT EXTRACTS

• PROCEDE DE PRODUCTION DE COMPRIMES A PARTIR D'EXTRAITS VEGETAUX

(71) STEIGERWALD ARZNEIMITTELWERK GMBH [DE/DE]; Havelstrasse 5, 64295 Darmstadt (DE).

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

(72, 75) **KROLL, Ulrike** [DE/DE]; Pater-Delp-Strasse 11, 64839 Münster (DE). **KUPER, Willi** [DE/DE]; Erfurter Strasse 2, 68649 Gross-Rohrheim (DE).

(74) **WABLAT, Wolfgang**; Potsdamer Chaussee 48, 14129 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 9/20**

(11) **WO 03/026621** (13) A2

(21) PCT/FR02/03205

(22) **19 Sep/sep 2002 (19.09.2002)**

(25) fr (26) fr

(30) 01/12189 **21 Sep/sep 2001 FR (21.09.2001)**

(30) 02/02514 **28 Feb/fév 2002 FR (28.02.2002)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR MAKING AN ORAL PHARMACEUTICAL PRODUCT WITH TELL-TALE AGENTS, IN PARTICULAR OF TASTE AND RESULTING PRODUCT

• PROCEDE DE FABRICATION D'UN PRODUIT PHARMACEUTIQUE ADMINISTRABLE PAR VOIE ORALE AVEC DES AGENTS DETROMPEURS NOTAMMENT DE GOUT ET PRODUIT OBTENU

(71) **ELLIPSE PHARMACEUTICALS** [FR/FR]; 4, allée du Doyen G. Brus, F-33600 Pessac (FR).

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

(72, 75) **BORDES-PICARD, Frédérique** [FR/FR]; Résidence du Petit Parc, 56, rue du Vélodrome, F-33200 Bordeaux (FR). **LACAZE-SAINT JEAN, Catherine** [FR/FR]; 13, rue du Colonel Bordes, F-33510 Andernos (FR). **TERRASSIN, Laurent** [FR/FR]; 30, rue du Béarn, F-33700 Mérignac (FR).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

Declarations / Déclarations :

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

(51)<sup>7</sup> **A61K 9/20, 38/55, 47/02**

(11) **WO 03/026622** (13) A1

(21) PCT/GB02/04292

(22) **20 Sep/sep 2002 (20.09.2002)**

(25) en (26) en

(30) 09/962,429 **24 Sep/sep 2001 US (24.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LISINAPRIL COMPOSITIONS HAVING LARGE-PARTICLE DCPD

• COMPOSITIONS DE LISINAPRIL A DCPD A GROSSES PARTICULES

(71) **ASTRAZENECA AB** [SE/SE]; Sodertalje, S-151 85 (SE).

(only for / seulement pour MG)

(71) **ASTRAZENECA UK LIMITED** [GB/GB]; 15 Stanhope Gate, London, Greater London W1Y 6LN (GB).

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

(72, 75) **ROBERTS, Ronald, John** [GB/GB]; Charter Way, Macclesfield, Cheshire SK10 2NA (GB). **BOWEN, David, Brandon** [GB/GB]; Charter Way, Macclesfield, Cheshire SK10 2NA (GB).

(74) **GAINNEY, Laurence, David, Scott et al.** / etc.; ASTRAZENECA, Global Intellectual Property, Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 9/20, 47/26, 31/42, A61P 29/00**

(11) **WO 03/026623** (13) A1

(21) PCT/US02/30161

(22) **23 Sep/sep 2002 (23.09.2002)**

(25) en (26) en

(30) 60/325,356 **26 Sep/sep 2001 US (26.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • INTRAORALLY DISINTEGRATING VALDECOXIB COMPOSITIONS

• COMPOSITIONS DE VALDECOXIB SE DÉSINTÉGRANT DANS LA BOUCHE

(71) **PHARMACIA CORPORATION** [US/US]; Corporate Patent Department, 800 N. Lindbergh Boulevard - 04E, St. Louis, MO 63167 (US).

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

(72, 75) **LE, Trang, T.** [US/US]; 312 Richmond Place, Vernon Hills, IL 60061 (US). **LUDWIG, Blake, C.** [US/US]; 805 Keith Avenue, Waukegan, IL 60085 (US). **REO, Joseph, P.** [US/US]; 5914 Bluejay Drive, Kalamazoo, MI 49009 (US). **UDAY, Shah, J.** [US/US]; 3683 Lealeaf Court, Hoffman Estates, IL 60195 (US). **YAMAMOTO, Ken** [JP/US]; 7596 Carnoustie Street, Portage, MI 49024 (US).

(74) **FOURNIER, David, B. et al.** / etc.; Pharmacia Corporation, Corporate Patent Dept., Mail Zone O4J, 800 N. Lindbergh Boulevard, St. Louis, MO 63167 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **A61K 9/20**

(11) **WO 03/026624** (13) A1

(21) PCT/US02/31022

(22) **28 Sep/sep 2002 (28.09.2002)**

(25) en (26) en

(30) 09/966,939 **28 Sep/sep 2001 US (28.09.2001)**

(30) 09/966,509 **28 Sep/sep 2001 US (28.09.2001)**

(30) 09/966,497 **28 Sep/sep 2001 US (28.09.2001)**

(30) 09/967,414 **28 Sep/sep 2001 US (28.09.2001)**

(30) 09/966,450 **28 Sep/sep 2001 US (28.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MODIFIED RELEASE DOSAGE FORMS

• FORMES PHARMACEUTIQUES A LIBERATION MODIFIEE

(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, 75) **LEE, Der-Yang** [US/US]; 10 Kentworth Court, Flemington, NJ 08822 (US).

- LI, Shun-Por [US/US]; 1615 Clearbrook Road, Lansdale, PA 19446 (US). SOWDEN, Henry, S. [US/US]; 209 Woods Road, Glenside, PA 19038 (US). THOMAS, Martin [US/GB]; 7401 Trescott Drive, Lake Worth, FL 33467 (US). WYNN, David [US/US]; 1267 Huntingdon Road, Abington, PA 19001 (US).
- (74) JOHNSON, Philip, S. et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> A61K 9/20
- (11) WO 03/026625 (13) A1
- (21) PCT/US02/31024
- (22) 28 Sep/sep 2002 (28.09.2002)
- (25) en (26) en
- (30) 09/966,939 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/966,509 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/966,497 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/967,414 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/966,450 28 Sep/sep 2001 US (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MODIFIED RELEASE DOSAGE FORMS
- FORMES PHARMACEUTIQUES A LIBERATION MODIFIEE
- (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, 75) LEE, Der-Yang [US/US]; 10 Kentworth Court, Flemington, NJ 08822 (US). LI, Shun-Por [US/US]; 1615 Clearbrook Road, Lansdale, PA 19446 (US). PARIKH, Narendra [US/US]; 14 Sycamore Lane, Long Valley, NJ 07853 (US). SOWDEN, Harry, S. [US/US]; 209 Woods Road, Glenside, PA 19038 (US). THOMAS, Martin [US/GB]; 7401 Trescott Drive, Lake Worth, FL 33467 (US). WYNN, David [US/US]; 1267 Huntingdon Road, Abington, PA 19001 (US).
- (74) JOHNSON, Philip, S. et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> A61K 9/28
- (11) WO 03/026628 (13) A2
- (21) PCT/US02/31063
- (22) 28 Sep/sep 2002 (28.09.2002)
- (25) en (26) en
- (30) 09/966,939 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/966,509 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/966,497 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/967,414 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/966,450 28 Sep/sep 2001 US (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • COMPOSITE DOSAGE FORMS
- FORMES PHARMACEUTIQUES COMPOSITES
- (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, 75) BUNICK, Frank, J. [US/US]; 750 E. Cherry Road, Quakertown, PA 18951 (US). LEE, Der-Yang [US/US]; 10 Kentworth Court, Flemington, NJ 08822 (US). MCNALLY, Gerard, P. [US/US]; 177 Coldstream Drive, Berwyn, PA 19312 (US). SOWDEN, Harry, S. [US/US]; 209 Woods Road, Glenside, PA 19038 (US). THOMAS, Martin [US/GB]; 7401 Trescott Drive, Lake Worth, FL 33467 (US).
- (74) JOHNSON, Philip, S. et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> A61K 9/20
- (11) WO 03/026627 (13) A1
- (21) PCT/US02/31163
- (22) 28 Sep/sep 2002 (28.09.2002)
- (25) en (26) en
- (30) 09/966,939 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/966,509 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/966,497 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/967,414 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/966,450 28 Sep/sep 2001 US (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)

- (54) • COMPOSITE DOSAGE FORMS HAVING AN INLAID PORTION
- FORME PHARMACEUTIQUE COMPOSITE AYANT UNE PARTIE INCRUSTEE
- (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, 75) LEE, Der-Yang [US/US]; 10 Kentworth Court, Flemington, NJ 08822 (US). SOWDEN, Harry, S. [US/US]; 209 Woods Road, Glenside, PA 19038 (US). THOMAS, Martin [US/GB]; 7401 Trescott Drive, Lake Worth, FL 33467 (US).
- (74) JOHNSON, Philip, S. et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 9/28
- (11) WO 03/026630 (13) A1
- (21) PCT/US02/31129
- (22) 28 Sep/sep 2002 (28.09.2002)
- (25) en (26) en
- (30) 09/966,939 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/966,509 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/966,497 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/967,414 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/966,450 28 Sep/sep 2001 US (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DOSAGE FORMS HAVING AN INNER CORE AND OUTER SHELL WITH DIFFERENT SHAPES
- FORMES DOSIFIÉES PRESENTANT UN NOYAU INTERNE ET UNE COUCHE EXTERNE DE FORMES DIFFÉRENTES
- (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, 75) BUNICK, Frank, J. [US/US]; 750 E. Cherry Road, Quakertown, PA 18951 (US). LEE, Der-Yang [US/US]; 10 Kentworth Court, Flemington, NJ 08822 (US). MCNALLY, Gerard, P. [US/US]; 177 Coldstream Drive, Berwyn, PA 19312 (US). THOMAS, Martin [US/GB]; 7401 Trescott Drive, Lake Worth, FL 33467 (US). SOWDEN, Harry, S. [US/US]; 209 Woods Road, Glenside, PA 19038 (US).
- (74) JOHNSON, Philip, S. et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 9/28
- (11) WO 03/026629 (13) A2
- (21) PCT/US02/31117
- (22) 28 Sep/sep 2002 (28.09.2002)
- (25) en (26) en
- (30) 09/966,939 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/966,509 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/966,497 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/967,414 28 Sep/sep 2001 US (28.09.2001)
- (30) 09/966,450 28 Sep/sep 2001 US (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MODIFIED RELEASE DOSAGE FORMS
- FORMES DE DOSAGE A LIBERATION MODIFIÉE
- (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, 75) LEE, Der-Yang [US/US]; 10 Kentworth Court, Flemington, NJ 08822 (US). LI, Shun-Por [US/US]; 1615 Clearbrook Road, Lansdale, PA 19446 (US). SOWDEN, Harry, S. [US/US]; 209 WOODS ROAD, GLENSIDE, PA 19038 (US). THOMAS, Martin [US/US]; 7401 Trescott Drive, Lake Worth, FL 33467 (US). WYNN, David [US/US]; 1267 Huntingdon Road, Abington, PA 19001 (US).
- (74) JOHNSON, Philip, S. et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 9/72, 31/192, 31/407, 31/405, 31/473
- (11) WO 03/026631 (13) A1
- (21) PCT/US02/18543
- (22) 13 May/mai 2002 (13.05.2002)
- (25) en (26) en
- (30) 60/294,203 24 May/mai 2001 US (24.05.2001)
- (30) 60/317,479 5 Sep/sep 2001 US (05.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DELIVERY OF DRUG ESTERS THROUGH AN INHALATION ROUTE
- ADMINISTRATION D'ESTERS MEDICAMENTEUX PAR INHALATION
- (71) ALEXZA MOLECULAR DELIVERY CORPORATION [US/US]; 1001 E. Meadow Circle, Palo Alto, CA 94303 (US).
- (72) RABINOWITZ, Joshua, D.; 750 N. Shoreline Blvd. #50, Mountain View, CA 94043 (US). ZAFFARONI, Alejandro, C.; 1 Faxon Forest, Atherton, CA 94027 (US).
- (74) ECKMAN, Richard, R. et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 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).
- 
- (51)<sup>7</sup> A61K 31/00
- (11) WO 03/026632 (13) A2
- (21) PCT/US02/30477
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 60/325,044 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SUBSTITUTED PHENOL COMPOUNDS USEFUL FOR ANESTHESIA AND SEDATION
- COMPOSES PHENOLIQUES SUBSTITUES UTILES POUR L'ANESTHESIE ET LA SEDATION
- (71) THERAVANCE, INC. [US/US]; 901 Gateway Boulevard, South San Francisco, CA 94080 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) JENKINS, Thomas E [US/US]; 190 Canada Vista Drive, La Honda, CA 94020 (US). JI, Yu-Hua [CN/US]; 700 Freepport Lane, Redwood City, CA 94065 (US). WU, Huiwei [CN/US]; 366 Mullet Court, Foster City, CA 94404 (US). BOLTON, Jennifer [CA/US]; 2375 Mariposa Street #1, San Francisco, CA 94110 (US).

(74) **BOONE, David, E et al. / etc.;** Theravance, Inc., 901 Gateway Boulevard, South San Francisco, CA 94080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 31/05, A61P 33/00 // (A61K 31/05, 31:045)**

(11) **WO 03/026633** (13) A1

(21) PCT/IT01/00487

(22) **25 Sep/sep 2001 (25.09.2001)**

(25) it (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **NATURAL PHARMACEUTICAL COMPOSITION AGAINST PARASITOSIS IN BEES**

• **COMPOSITION PHARMACEUTIQUE NATURELLE ACTIVE CONTRE UNE PARASITOSE AFFECTANT LES ABEILLES**

(71, 72) **NIZZETTO, Emanuele** [Stateless / apatride/IT]; Via G. Mazzoni, 30, I-36023 Longare (IT).

(74) **KLAUSNER, E.;** Ufficio Internazionale Brevetti, Ing. C. Gregorj S.p.A., Via Dogana, 1, I-20123 Milan (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 SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG 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).

(51)<sup>7</sup> **A61K 31/132, A61P 25/32 // C07C 211/11, 211/13**

(11) **WO 03/026634** (13) A1

(21) PCT/ES02/00442

(22) **19 Sep/sep 2002 (19.09.2002)**

(25) es (26) es

(30) P 200102126 **24 Sep/sep 2001** ES (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **AMINES WITH ANTIALCOHOLIC AGENTS**

• **AMINES S'UTILISANT EN TANT QU'AGENTS ANTI-ALCOOLISME**

(71) **GARBIL PHARMA INVESTIGACION CHILE LTDA.** [CL/CL]; 382, avenida Los Leones, Oficina 402, Santiago de Chile (CL).

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

(72, 75) **BILBENY LOJO, Norberto** [ES/CL]; 382, Avenida Los Leones, Oficina 402, Santiago de Chile (CL). **GARCIA MADRID, Hernán** [CL/CL]; 382, Avenida Los Leones, Oficina 402, Santiago de Chile (CL).

(74) **SUGRAÑES MOLINE, Pedro;** 304, calle Provenza, E-08008 Barcelona (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 ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 31/135, 31/4184, 31/4468, 31/451, 31/485, 38/33, A61P 5/50, A61K 45/06**

(11) **WO 03/026635** (13) A2

(21) PCT/US02/18419

(22) **11 Jun/juin 2002 (11.06.2002)**

(25) en (26) en

(30) 09/878,751 **11 Jun/juin 2001** US (11.06.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **IMPROVED METHOD OF TREATING THE SYNDROME OF TYPE 2 DIABETES IN HUMANS**

• **PROCEDE AMELIORE DE TRAITEMENT DU SYNDROME DU DIABETE DE TYPE 2 CHEZ LES HUMAINS**

(71) **CPD, LLC** [US/US]; 5854 Schumann Drive, Madison, WI 53711 (US).

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

(72, 75) **CLEMENS, Anton, H.** [US/US]; 5854 Schumann Drive, Madison, WI 53711 (US).

(74) **HARTWIG, Gregory, J. et al. / etc.;** Michael Best & Friedrich LLP, One South Pinckney Street, Madison, WI 53701-1806 (US).

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

(51)<sup>7</sup> **A61K 31/138, A61P 7/02, 9/00, 9/10**

(11) **WO 03/026636** (13) A1

(21) PCT/JP02/09937

(22) **26 Sep/sep 2002 (26.09.2002)**

(25) ja (26) ja

(30) 2001/292855 **26 Sep/sep 2001** JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **THROMBUS/THROMBOGENESIS INHIBITORS**

• **INHIBITEURS DE THROMBUS/THROMBOGENESE**

(71) **MITSUBISHI PHARMA CORPORATION** [JP/JP]; 6-9, Hiranomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).

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

(72, 75) **KOBAYASHI, Yoshikazu** [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, Tokyo Head Office, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). **AZUMA, Hiroshi** [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, Tokyo Head Office, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). **MOURI, Yuku** [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, Tokyo Head Office, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP).

(74) **TAKAYANAGI, Masau;** MITSUBISHI PHARMA CORPORATION, Intellectual Property Department, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 31/155, 9/22, A61P 3/10**

(11) **WO 03/026637** (13) A2

(21) PCT/IN02/00194

(22) **27 Sep/sep 2002 (27.09.2002)**

(25) en (26) en

(30) 941/MUM/2001 **28 Sep/sep 2001** IN (28.09.2001)

(30) 942/MUM/2001 **28 Sep/sep 2001** IN (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **DOSAGE FORM FOR TREATMENT OF DIABETES MELLITUS**

• **FORME POSOLOGIQUE POUR TRAITER LE DIABETE SUCRE**

(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) **TYEBJI, Ziauddin, Z.** [IN/IN]; Sun Pharma Advanced Research Center, Akota Road, Akota, Baroda 390 020 (IN). **REDDY, Harivardhan, L.** [IN/IN]; Sun Pharma Advanced Research Center, Akota Road, Akota, Baroda 390 020 (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 SI 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 IE IT LU MC NL PT SE 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> A61K 31/155, 31/16

(11) WO 03/026638 (13) A1

(21) PCT/US02/30214

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/961,521 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NEUROPROTECTIVE TREATMENT METHODS USING SELECTIVE INOS INHIBITORS

• METHODES DE TRAITEMENT NEUROPROTECTEUR DANS LESQUELLES ON UTILISE DES INHIBITEURS INOS SELECTIFS

(71) PHARMACIA CORPORATION [US/US]; 800 North Lindbergh Boulevard, -, St. Louis, MO 63167 (US).

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

(71, 72) MANNING, Pamela, T. [US/US]; 3535 Highway T, -, Labadie, MO 63055 (US). CONNOR, Jane, R. [US/US]; 7027 Waterman Avenue, -, University City, MO 63130 (US).

(74) NEALEY, Tara, A. et al. / etc.; SONNENSCHEIN NATH & ROSENTHAL, Attention: IP Department - St. Louis Office, P.O. Box #061080, Wacker Drive Station - Sears Tower, Chicago, IL 60606-1080 (US).

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

(51)<sup>7</sup> A61K 31/18, 31/17

(11) WO 03/026639 (13) A1

(21) PCT/US02/29876

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 09/961,576 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NOVEL COMPOSITIONS CONTAINING ANTIMICROBIALS AND UREA FOR THE TREATMENT OF DERMATOLOGICAL DISORDERS AND METHODS FOR THEIR USE

• NOUVELLES COMPOSITIONS CONTENANT DES AGENTS ANTIMICROBIENS ET DE L'UREE DESTINEES AU TRAITEMENT D'AFFECTIONS DERMATOLOGIQUES ET TECHNIQUES D'UTILISATION DE CES COMPOSITIONS

(71) BRADLEY PHARMACEUTICALS, INC. [US/US]; 383 Route 46 West, Fairfield, NJ 07004-2402 (US).

(72) BHAGWAT, Dileep; 383 Route 46 West, Fairfield, NJ 07004 (US). GLASSMAN, Bradley, P.; 383 Route 46 West, Fairfield, NJ 07004 (US). GLASSMAN, Daniel; 383 Route 46 West, Fairfield, NJ 07004-2402 (US).

(74) DAIGNAULT, Ronald, A.; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 31/22, A61P 37/08, 17/04

(11) WO 03/026640 (13) A1

(21) PCT/NZ01/00202

(22) 28 Sep/sep 2001 (28.09.2001)

(25) en (26) en

(30) 507229 28 Sep/sep 2001 NZ (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TREATING FOOD ALLERGIES AND/OR FOOD INTOLERANCES

• TRAITEMENT D'ALLERGIES ALIMENTAIRES ET/OU D'INTOLERANCES ALIMENTAIRES

(71) MERACOL CORPORATION LIMITED [NZ/NZ]; 2 Weona Place, Westmere, Auckland (NZ).

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

(72, 75) MEAKIN, Timothy, David [NZ/NZ]; 35 Totara Road, Whenuapai, Auckland (NZ). HEATLY, Craig, Leonard [NZ/NZ]; 19 O'Neills Avenue, Takapuna, Auckland (NZ). CADWALLADER, Dianne [NZ/NZ]; 2 Weona Place, Westmere, Auckland (NZ).

(74) A J PARK et al. / etc.; Huddart Parker Building, 1 Post Office Square, Wellington (NZ).

(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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA 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 GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/275, 31/365, 38/12, 31/195

(11) WO 03/026641 (13) A2

(21) PCT/GB02/04232

(22) 17 Sep/sep 2002 (17.09.2002)

(25) en (26) en

(30) 0122914.5 22 Sep/sep 2001 GB (22.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MODULATION OF STAT ACTIVITY

• MODULATION DE L'ACTIVITE DE STAT

(71) UNIVERSITY OF NOTTINGHAM [GB/GB]; Research Business Unit, University Park, Nottingham NG7 2RD (GB).

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

(72, 75) SHAW, Peter [GB/GB]; 145 Harrow Road, Wollaton, Nottingham NG8 1FL (GB). PRITCHARD, Davi [GB/GB]; University of Nottingham, Research Business Park, Nottingham NG7 2RD (GB). LI, Li [GB/GB]; 6 Topliss Road, Beeston, Nottingham NG9 5AS (GB).

(74) I.P.21 LIMITED; Norwich Research Park, Colney, Norwich, Norfolk NR4 7UT (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 SI 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 IE IT LU MC NL  
PT SE 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 SD SE SG  
SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT 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)<sup>7</sup> A61K 31/282, 9/19, A61P 35/00

(11) WO 03/026642 (13) A1

(21) PCT/JP02/09607

(22) 19 Sep/sep 2002 (19.09.2002)

(25) ja (26) ja

(30) 2001/290265 21 Sep/sep 2001 JP  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FREEZE-DRIED PHARMACEUTICAL  
PREPARATION

• PREPARATION PHARMACEUTIQUE  
LYOPHILISEE

(71) SUMITOMO PHARMACEUTICALS  
CO., LTD. [JP/JP]; 2-8, Doshomachi  
2-chome, Chuo-ku, Osaka-shi, Osaka  
541-8510 (JP).

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

(72, 75) MIZUNO, Kimihiro [JP/JP]; Ikedasat-  
sukigaoka-parkhouse 309, 7-12, Satsuki-  
gaoka 2-chome, Ikeda-shi, Osaka 563-0029  
(JP).

(74) TAKASHIMA, Hajime; Fujimura Yamato  
Seimei Bldg., 2-14, Fushimimachi 4-chome,  
Chuo-ku, Osaka-shi, Osaka 541-0044 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR 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  
NO NZ OM PH PL PT RO RU SD SE SG SI  
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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/397, 45/06, A61P 17/00

(11) WO 03/026643 (13) A2

(21) PCT/US02/29652

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 60/323,942 21 Sep/sep 2001 US  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND THERAPEUTIC COM-  
BINATIONS FOR THE TREATMENT

OF XANTHOMA USING STEROL AB-  
SORPTION INHIBITORS

• METHODES ET COMBINAISONS  
THERAPEUTIQUES UTILES POUR  
LE TRAITEMENT DU XANTHOME  
EFFECTUE AVEC DES INHIBITEURS  
D'ABSORPTION DU STEROL

(71) SCHERING CORPORATION [US/US];  
2000 Galloping Hill Road, Kenilworth, NJ  
07033-0530 (US).

(72) DAVIS, Harry, R.; 64 River Bend Road,  
Berkeley Heights, NJ 07922 (US).

(74) CANNONI, Ann, Marie; Schering-Plough  
Corporation, Patent Department, K-6-1 1990,  
2000 Galloping Hill Road, Kenilworth, NJ  
07033-0530 (US).

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

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

Declaration / Déclaration :

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> A61K 31/397, 45/06, C07D 205/08, A61P  
9/00

(11) WO 03/026644 (13) A1

(21) PCT/US02/29756

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 60/323,937 21 Sep/sep 2001 US  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS FOR TREATING OR PRE-  
VENTING VASCULAR INFLAMMA-  
TION USING STEROL ABSORPTION  
INHIBITOR(S)

• METHODES DE TRAITEMENT OU DE  
PREVENTION D'UNE INFLAMMA-  
TION VASCULAIRE AU MOYEN D'UN  
OU D'INHIBITEURS D'ABSORPTION  
DE STEROL

(71) SCHERING CORPORATION [US/US];  
2000 Galloping Hill Road, Kenilworth, NJ  
07033-0530 (US).

(72) DAVIS, Harry, R.; 64 River Bend Road,  
Berkeley Heights, NJ 07922 (US).

(74) CANNONI, Ann, Marie; Schering-Plough  
Corporation, Patent Department, K-6-1 1990,  
2000 Galloping Hill Road, Kenilworth, NJ  
07033-0530 (US).

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

(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 IE IT LU MC NL

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

Declaration / Déclaration :

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> A61K 31/40, 9/08, A61P 35/00, C07D  
207/09

(11) WO 03/026645 (13) A1

(21) PCT/JP02/09628

(22) 19 Sep/sep 2002 (19.09.2002)

(25) ja (26) ja

(30) 2001/286674 20 Sep/sep 2001 JP  
(20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TETRAPEPTIDE DERIVATIVE CRYSTALS

• CRISTAUX D'UN DERIVE DE TETRA-  
PEPTIDE

(71) TEIKOKU HORMONE MFG. CO., LTD.  
[JP/JP]; 5-1, Shibaura 2-chome, Minato-ku,  
Tokyo 108-8532 (JP).

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

(72, 75) MIYAZAKI, Koichi [JP/JP]; 1-2-6-406,  
Kokubukita, Ebina-shi, Kanagawa 243-0406  
(JP). KEINO, Katsuyuki [JP/JP]; 6-13-2, Ki-  
tayamada, Tsuzuki-ku, Yokohama-shi, Kanaga-  
wa 224-0021 (JP). KANADA, Arihiro  
[JP/JP]; 2-20-15-506, Shimokodanaka, Naka-  
hara-ku, Kawasaki-shi, Kanagawa 211-0041  
(JP). MINAMI, Nobuyoshi [JP/JP]; 60-12,  
Honjuku-cho, Asahi-ku, Yokohama-shi,  
Kanagawa 241-0023 (JP).

(74) ODAJIMA, Heikichi et al. / etc.; Oda-  
jima Patent Office, Nippon Jitensha Bldg.,  
9-15, Akasaka 1-chome, Minato-ku, Tokyo  
107-0052 (JP).

(81) AU CA CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR  
IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> A61K 31/409, 31/4439, C07D 487/22

(11) WO 03/026646 (13) A1

(21) PCT/US02/20148

(22) 26 Jun/juin 2002 (26.06.2002)

(25) en (26) en

(30) 09/964,286 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PHOTODYNAMIC PORPHYRIN AN-  
TIMICROBIAL AGENTS

• AGENTS ANTIMICROBIENS PHOTO-  
DYNAMIQUES A BASE DE PORPHY-  
RINE

(71) FRONTIER SCIENTIFIC, INC [US/US];  
195 South 700 West, Logan, UT 84323 (US).

(72) BOMMER, Jerry; 2597 South Carriage  
Way, Franklin, ID 83237 (US). JORI, Giulio;  
Via Cavalieri 18, I-35100 Padova (IT).

(74) METCALF, Craig; MADSON & MET-  
CALF, 15 West South Temple, Suite 900, Salt  
Lake City, UT 84101 (US).

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

- MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 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).
- 
- (51)<sup>7</sup> A61K 31/415, C07D 231/06, 401/12,  
A61K 31/4155, C07D 401/06
- (11) WO 03/026647 (13) A1
- (21) PCT/EP02/10433
- (22) 17 Sep/sep 2002 (17.09.2002)
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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • NOVEL 4,5-DIHYDRO-1H-PYRAZOLE  
DERIVATIVES HAVING CBI-ANTAG-  
ONISTIC ACTIVITY
- NOUVEAUX DERIVES 4,5-DIHY-  
DRO-1H-PYRAZOLE PRESENTANT  
UNE ACTIVITE ANTAGONISTE A CBI
- (71) SOLVAY PHARMACEUTICALS B.V.  
[NL/NL]; C.J. van Houtenlaan 36, NL-1381  
CP Weesp (NL).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) KRUSE, Cornelis, G. [NL/NL]; Solvay  
Pharmaceuticals B.V., c/o C.J. van Houten-  
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- (74) MUIS, Maarten; OCTROOIBUREAU  
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Weesp (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/415, 31/4439, 31/4709, 31/4725,  
31/4545, 31/4155, 31/497, A61P 5/26, 15/08
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- (25) en (26) en
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(27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHODS OF INCREASING EN-  
DOGENOUS TESTOSTERONE LEV-  
ELS
- METHODES POUVANT AUGMENTER  
DES CONCENTRATIONS EN TESTOS-  
TERONE ENDOGENE
- (71) APPLIED RESEARCH SYSTEMS ARS  
HOLDING N.V. [NL/NL]; 15 Piertermaai,  
Curacao (AN).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) BRONDYK, William, H. [US/US]; 52  
Darby Drive, Mansfield, MA 02048 (US).  
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STALL, Stephen, J. [GB/US]; 31 Marsh  
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- (74) TREANOR, Richard, L.; Oblon, Spivak,  
McClelland, Maier & Neustadt, P.C., 1940  
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BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/4155, 31/421, A61P 35/00, C07D  
403/12, 405/14, 471/04, 413/12
- (11) WO 03/026650 (13) A1
- (21) PCT/US02/30922
- (22) 27 Sep/sep 2002 (27.09.2002)
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(27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • 3-(HETEROARYLAMINO)METHY-  
LENE-1,3-DIHYDRO-2H-INDOL-2-  
ONES AS KINASE INHIBITORS
- 3-(HETEROARYLAMINO)ME-  
THYLENE-1,3-DIHYDRO-2H-IN-  
DOL-2-ONES EN TANT QU'INHIBI-  
TEURS DE KINASE
- (71) ALLERGAN, INC. [US/US]; 2525 Dupont  
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- (72) ANDREWS, Steven, W.; 2020 Kent-  
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- (74) BARAN, Robert, J. et al. / etc.; Allergan,  
Inc., 2525 Dupont Drive, Irvine, CA 92612  
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/415, C07D 231/06, 401/12,  
A61K 31/4155, 31/4725, C07D 401/04
- (11) WO 03/026648 (13) A1
- (21) PCT/EP02/10435
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- (25) en (26) en
- (30) 01203849.3 21 Sep/sep 2001 EP  
(21.09.2001)



(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF INHIBITING THE PRODUCTION AND/OR EFFECTS OF INTESTINAL PRO-INFLAMMATORY CYTOKINES, PROSTAGLANDINS AND OTHERS

• METHODE D'INHIBITION DE LA PRODUCTION ET/OU DES EFFETS DES CYTOKINES PROINFLAMMATOIRES INTESTINALES, DES PROSTAGLANDINES ET AUTRES

(71) INDEVUS PHARMACEUTICALS, INC. [US/US]; Suite 200, 99 Hayden Avenue, Lexington, MA 024421-7966 (US).

(72) MERLOS ROCA, Manuel; Copernico, 15, E-08021 Barcelona (ES).

(74) SIRA, Serge et al. / etc.; Katten Muchin Zavis Rosenman, Suite 1600, 525 West Monroe Street, Chicago, IL 60661-3693 (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 31/437, C07D 471/16, A61P 7/02

(11) WO 03/026652 (13) A1

(21) PCT/US02/29491

(22) 17 Sep/sep 2002 (17.09.2002)

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(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LACTAM-CONTAINING COMPOUNDS AND DERIVATIVES THEREOF AS FACTOR XA INHIBITORS

• COMPOSES CONTENANT DU LACTAME ET LEURS DERIVES EN TANT QU'INHIBITEURS DU FACTEUR XA

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; Patent Department, P.O. Box 4000, Princeton, NJ 08543-4000 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) PINTO, Donald [US/US]; 425 Brentford Road, Kennett Square, PA 19348 (US). QUAN, Mimi [US/US]; 113 Venus Drive, Newark, DE 19711 (US). ORWAT, Michael [US/US]; 18 S. Colts Neck Way, Hockessin, DE 19707 (US). LI, Yun-Long [CN/US]; 104 Shrewsbury Drive, Wilmington, DE 19810 (US). HAN, Wei [CN/US]; 17 Springbrook Lane, Newark, DE 19711 (US). QIAO, Jennifer [CN/US]; 22D Presidential Drive, Wilmington, DE 19807 (US). LAM, Patrick [US/US]; 6 Ridgeway Drive, Chadds Ford, PA 19317 (US). KOCH, Stephanie [US/US]; 7 Federal Farm Drive, Boothwyn, PA 19061 (US).

(74) BELFIELD, Jing, S. et al. / etc.; Patent Department, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 31/4545, 31/155, A61P 3/10 // (A61K 31/4545, 31:155)

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(25) en (26) en

(30) P 0103939 27 Sep/sep 2001 HU (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PHARMACEUTICAL COMPOSITION COMPRISING METFORMIN AND N-2-HYDROXY-3-(1-PIPERIDINYL)-PROPOXY! PYRIDINE-1-OXIDE-3-CARBOXIMIDOYL CHLORIDE

• COMPOSITION PHARMACEUTIQUE COMPRENANT UNE METFORMINE ET UN CHLORURE DE N-[2-HYDROXY-3-(1-PIPERIDINYL)-PROPOXY]-PYRIDINE-1-OXYDE-3-CARBOXYMIDOYLE

(71) BIOREX KUTATÓ ÉS FEJLESZTŐ RT. [HU/HU]; Szabadságpuszta, H-8200 Veszprém (HU). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) BÍRÓ, Katalin [HU/HU]; Tövis u. 7/b, H-1022 Budapest (HU). KÜRTHY, Mária [HU/HU]; Balassi B. u. 5, H-8230 Balatonfüred (HU). JEDNÁKOVITS, Andrea [HU/HU]; Lévai u. 3, H-2000 Szentendre (HU). MOGYORÓSI, Tamás [HU/HU]; Rákóczi u. 7.II/4, H-8200 Veszprém (HU). MÁTYÁS, István [SK/SK]; Feszty Á.u.I/2, 94701 Hurbanovo (SK). ÜRÖGDY, László [HU/HU]; Teleki u. 80, H-1184 Budapest (HU). JEGESNÉ CSÁKAI, Zita [HU/HU]; Hétvezér u.6, H-8194 Vilonya (HU). RÁCZ, Timea [HU/HU]; Petöfi u.58, H-7400 Kaposvár (HU).

(74) S.B.G. & K. PATENT AND LAW OFFICES; Andrassy út 113, H-1062 Budapest (HU).

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

(51)<sup>7</sup> A61K 31/465, 9/70, 47/10, 47/32, 47/34, 47/36, 47/38, 47/46, A61P 25/34

(11) WO 03/026654 (13) A1

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(22) 20 Sep/sep 2002 (20.09.2002)

(25) ja (26) ja

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(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NICOTINE-CONTAINING FILM PREPARATION

• PREPARATION POUR FILM CONTENANT DE LA NICOTINE

(71) KYUKYU PHARMACEUTICAL CO.,LTD. [JP/JP]; 2-10, Nihonbashi honcho 4-chome, Chuo-ku, , Tokyo 103-0023 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) AWAMURA, Tsutomu [JP/JP]; c/o KYUKYU PHARMACEUTICAL CO., LTD., 32-7, Hibari, Kosugi-machi, Imizu-gun, Toyama 939-0351 (JP). SAWAI, Yoshihiro [JP/JP]; c/o KYUKYU PHARMACEUTICAL CO., LTD., 32-7, Hibari, Kosugi-machi, Imizu-gun, Toyama 939-0351 (JP).

(74) OHTAWA, Akitoshi et al. / etc.; New Eiwa BLDG., 3-2, Nishishinbashi 2-chome, Minato-ku, , Tokyo 105-0003 (JP).

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(51)<sup>7</sup> A61K 31/465, 9/20, 9/48

(11) WO 03/026655 (13) A1

(21) PCT/SE02/01611

(22) 10 Sep/sep 2002 (10.09.2002)

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(30) 0103211-9 27 Sep/sep 2001 SE (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NEW FORMULATIONS AND USE THEREOF

• NOUVELLES FORMULATIONS ET UTILISATION DE CES DERNIERES

(71) PHARMACIA AB [SE/SE]; S-112 87 Stockholm (SE). *(for all designated States except / pour tous les États désignés sauf US)*

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(74) HEDENSTRÖM, John; c/o Pharmacia AB, Box 941, S-251 09 Helsingborg (SE).

(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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A61K 31/465, 9/20, 9/48  
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 (25) en (26) en  
 (30) 0103210-1 27 Sep/sep 2001 SE (27.09.2001)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • NEW FORMULATIONS AND USE THEREOF  
 • NOUVELLES FORMULATIONS ET LEUR UTILISATION  
 (71) PHARMACIA AB [SE/SE]; S-112 87 Stockholm (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) LANDH, Tomas [SE/SE]; Skyttelinjen 195, S-226 49 Lund (SE). LINDBERG, Nils-Olof [SE/SE]; Sveagatan 100 C, S-216 15 Malmö (SE).  
 (74) HEDENSTRÖM, John; Pharmacia AB, Box 941, S-251 09 Helsingborg (SE).  
 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A61K 31/47, 31/205  
 (11) WO 03/026657 (13) A1  
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 (25) en (26) en  
 (30) 09/963,088 24 Sep/sep 2001 US (24.09.2001)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • COMPOUNDS FOR THE TREATMENT OF PAIN  
 • COMPOSES UTILES POUR LE TRAITEMENT DE LA DOULEUR  
 (71) SYNAPTIC PHARMACEUTICAL CORPORATION [US/US]; 215 College Road, Paramus, NJ 07652 (US).  
 (72) FORRAY, Carlos, C.; 304 Spring Valley Road, Paramus, NJ 07652 (US). CRAIG, Douglas; 21 Eagle Drive, Emerson, NJ 07630 (US). KAWAKAMI, Joel; 49 Blakely Lane, Newfoundland, NJ 07435 (US). KONKEL, Michael, J.; 69 MacArthur Avenue, Garfield, NJ 07026 (US). BOTEJU, Lakmal, W.; 39 Grissing Court, Cedar Grove, NJ 07009 (US). WETZEL, John, M.; 16-08 Well Drive, Fairlawn, NJ 07410 (US). NOBEL, Stewart, A.; 75 West Honeysuckle Road, Lake Forest, IL 60045 (US). WAN, Honghe; 720 Forest Street, Kearny, NJ 07032 (US).  
 (74) WHITE, John, P.; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A61K 31/495, 31/445, A61P 17/04  
 (11) WO 03/026658 (13) A1  
 (21) PCT/EP02/10502  
 (22) 19 Sep/sep 2002 (19.09.2002)  
 (25) en (26) en  
 (30) 01122730.3 21 Sep/sep 2001 EP (21.09.2001)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • METHOD FOR THE TREATMENT OR PREVENTION OF ATOPIC DERMATITIS  
 • PROCEDE DE TRAITEMENT OU DE PREVENTION DE DERMITE ATOPIQUE  
 (71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH [DE/DE]; Binger Strasse 173, 55216 INGELHEIM (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) OHMURA, Tsuyoshi [JP/JP]; 3-30-7 Toyono-chou, Osaka, Osaka 593-0105 (JP). SATOH, Hisashi [JP/JP]; 3-3-11 Koori, Ibaraki-shi, Osaka 567-0072 (JP). KOMUNE, Kunihiko [JP/JP]; 2-7-3-1102 Obana, Kawanishi, Hyogo 666-0015 (JP).  
 (74) BOEHRINGER INGELHEIM INTERNATIONAL GMBH; Binger Strasse 173, 55216 INGELHEIM (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A61K 31/496, C07D 215/22, A61P 25/18  
 (11) WO 03/026659 (13) A1  
 (21) PCT/JP02/09858  
 (22) 25 Sep/sep 2002 (25.09.2002)  
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 (30) 2,379,005 27 Mar/mar 2002 CA (27.03.2002)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • LOW HYGROSCOPIC ARIPIRAZOLE DRUG SUBSTANCE AND PROCESSES FOR THE PREPARATION THEREOF  
 • SUBSTANCE PHARMACEUTIQUE D'ARIPIRAZOLE FAIBLEMENT HYGROSCOPIQUE ET METHODES DE PREPARATION ASSOCIEES  
 (71) OTSUKA PHARMACEUTICAL CO., LTD. [JP/JP]; 9, Kanda-Tsukasacho 2-chome, Chiyoda-ku, Tokyo 101-8535 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) BANDO, Takuji [JP/JP]; 31-3, Minamishomachi 2-chome, Tokushima-shi, Tokushima 770-0045 (JP). AOKI, Satoshi [JP/JP]; 132-6, Muyachokurosaki Miyazu, Naruto-shi, Tokushima 772-0001 (JP). KAWASAKI, Junichi [JP/JP]; 112-2, Tainohama Aza Kaya, Kitajimacho, Itano-gun, Tokushima 771-0204 (JP). ISHIGAMI, Makoto [JP/JP]; 61-3, Shozui Higashikatsuchi, Aizumicho, Itano-gun, Tokushima 771-1273 (JP). TANIGUCHI, Youichi [JP/JP]; 5-70-701, Sumiyoshi 4-chome, Tokushima-shi, Tokushima 770-0861 (JP). YABUCHI, Tsuyoshi [JP/JP]; 900-25, Kawauchicho Omatsu, Tokushima-shi, Tokushima 771-0131 (JP). FUJIMOTO, Kiyoshi [JP/JP]; 43-74, Ot-suchoyagura Aza Rokunokoshi, Naruto-shi, Tokushima 772-0035 (JP). NISHIOKA, Yoshihiro [JP/JP]; 5-3, Nakagirai Aza Ushikainohigashinokoshi, Matsushigecho, Itano-gun, Tokushima 771-0212 (JP). KOBAYASHI, Noriyuki [JP/JP]; 21-5, Nakashowacho 3-chome, Tokushima-shi, Tokushima 770-0944 (JP). FUJIMURA, Tsutomu [JP/JP]; 71, Otsuchoyagura Aza Kita, Naruto-shi, Tokushima 772-0035 (JP). TAKAHASHI, Masanori [JP/JP]; 7-1, Sangenyachosoto, Tokushima-shi, Tokushima 770-8025 (JP). ABE, Kaoru [JP/JP]; 2-23-808, Suehiro 1-chome, Tokushima-shi, Tokushima 770-0866 (JP). NAKAGAWA, Tomonori [JP/JP]; Grace78-205, 78, Sasagino Aza Hachiyamakaitaku, Matsushigecho, Itano-gun, Tokushima 771-0219 (JP). SHINHAMMA, Koichi [JP/JP]; 9-15, Kitajosanjimacho 3-chome, Tokushima-shi, Tokushima 770-0812 (JP). UTSUMI, Naoto [JP/JP]; B202, Muyacho Benzaiten Aza Mitsui-cho, Naruto-shi, Tokushima 772-0014 (JP). TOMINAGA, Michiaki [JP/JP]; 310-6, Takaiso, Kamiitacho, Itano-gun, Tokushima 771-1346 (JP). OI, Yoshihiro [JP/JP]; 8-33, Kitatamiya 1-chome, Tokushima-shi, Tokushima 770-0003 (JP). YAMADA, Shohei [JP/JP]; 5-11, Tomiyoshi Aza Toyoyoshi, Aizumicho, Itano-gun, Tokushima 771-1231 (JP). TOMIKAWA, Kenji [JP/JP]; 31-11, Kokufuchoido Aza Maeno, Tokushima-shi, Tokushima 779-3118 (JP).  
 (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 BY BZ CA CH 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 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/496, C07D 409/06

(11) WO 03/026660 (13) A1

(21) PCT/US02/30398

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 60/324,712 25 Sep/sep 2001 US  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AN ENANTIOMERICALLY PURE DI-  
ARYLMETHYLPYPERAZINE AND  
METHODS OF USING SAME

• DIARYLMETHYLPYPERAZINE SOUS  
FORME ENANTIOMERE PURE ET SES  
PROCEDES D'UTILISATION

(71) ARDENT PHARMACEUTICALS, INC.  
[US/US]; 631 United Drive, Suite 200,  
Durham, NC 27713 (US).

(72) CHANG, Kwen-Jen; 104 Sierra Drive,  
Chapel Hill, NC 27514 (US).

(74) HULTQUIST, Steven, J. et al. / etc.; In-  
tellectual 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  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/505, 31/506, A61P 3/10, C07D  
239/42, 403/10, 409/12, 401/12, 405/12

(11) WO 03/026661 (13) A1

(21) PCT/JP02/09350

(22) 12 Sep/sep 2002 (12.09.2002)

(25) ja (26) ja

(30) 2001-279671 14 Sep/sep 2001 JP  
(14.09.2001)

(30) 2002-121012 23 Apr/avr 2002 JP  
(23.04.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • INSULIN SECRETION ACCELERATOR  
AND NOVEL PYRIMIDINE DERIVA-  
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• ACCELERATEUR DE SECRETION DE  
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(71) YAMANOUCI PHARMACEUTICAL  
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(72, 75) YONETOKU, Yasuhiro [JP/JP]; c/o  
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(JP). NEGORO, Kenji [JP/JP]; c/o Ya-

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Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585  
(JP). MORITOMO, Hiroyuki [JP/JP]; c/o

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Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585  
(JP). IMANISHI, Naoki [JP/JP]; c/o Ya-

manouchi Pharmaceutical Co., Ltd., 21,  
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Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585  
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Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585  
(JP). MISAWA, Hana [JP/JP]; c/o Ya-

manouchi Pharmaceutical Co., Ltd., 21,  
Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585  
(JP). YOSHIDA, Shigeru [JP/JP]; c/o Ya-

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Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585  
(JP). OHISHI, Takahide [JP/JP]; c/o Ya-

manouchi Pharmaceutical Co., Ltd., 21,  
Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585  
(JP).

(74) NAGAI, Shozo et al. / etc.; c/o Yamanouchi  
Pharmaceutical Co., Ltd., Patent Department,  
17-1, Hasune 3-chome, Itabashi-ku, Tokyo  
174-8612 (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 NO NZ OM PH PL PT RO RU  
SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/505, A61P 29/00, C07D 401/14

(11) WO 03/026662 (13) A1

(21) PCT/US02/30538

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 60/324,987 25 Sep/sep 2001 US  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SOLID-STATE FORMS  
OF N-(2-HYDROXY-  
ACETYL)-5-(4-PIPERIDYL)-4-(4-

PYRIMIDINYL)-3-(4-  
CHLOROPHENYL)PYRAZOLE

• FORMES A L'ETAT SOLIDE DU  
N-(2-HYDROXYACETYL)-5-(4-PIPE-  
RIDYL)-4-(4-PYRIMIDINYL)-3-(4-  
CHLOROPHENYL)PYRAZOLE

(71) PHARMACIA CORPORATION [US/US];  
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(72, 75) ALLEN, Kimberley, C. [GB/US]; 2104  
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1089 Miller Lane, Apt. 107, Buffalo Grove,  
IL 60089 (US). SEYMOUR, Christine, B.  
[US/US]; 727 Redwood Lane, Glenview, IL  
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(74) WILLIAMS, Scott, A. et al. / etc.; Phar-  
macia Corporation, Corporate Patent Depart-  
ment, 800 N. Lindbergh Blvd., Mail Zone  
O4E, St. Louis, MO 63167 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 31/506, 31/501, C07D 401/14, A61P  
29/00

(11) WO 03/026663 (13) A1

(21) PCT/US02/30409

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 60/324,987 25 Sep/sep 2001 US  
(25.09.2001)

(30) 60/381,261 17 May/mai 2002 US  
(17.05.2002)

(30) 60/383,691 28 May/mai 2002 US  
(28.05.2002)

- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PROCESS FOR MAKING SUBSTITUTED PYRAZOLES  
• PROCEDE DE PREPARATION DE PYRAZOLES SUBSTITUES
- (71) PHARMACIA CORPORATION [US/US]; Corporate Patent Department, 800 North Lindbergh Blvd., Mail Zone 04E, St. Louis, MO 63167 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ALLEN, Kimberly, K. [GB/US]; 2104 West Arthur, Apartment 3, Chicago, IL 60645 (US). ANDERSON, Dennis, K. [US/US]; 6 Bridle Spur Ct., St. Charles, MO 63303 (US). BALDUS, John, E. [US/US]; 2340 Louisiana Ave., St. Louis, MO 63104 (US). CLARK, Jerry, D. [US/US]; 2606 Jamison, Alton, IL 62002 (US). EDENY, Albert, D. [US/US]; 113 Black Lantern Trail, St. Peters, MO 63376 (US). LAU, Patrick, H. [US/US]; 2067 Meadowbrook Way, Chesterfield, MO 63017 (US). MCDERMOTT, Lisa, L. [US/US]; 9188 HWY. 185, Sullivan, MO 63080 (US). MOE, Jodi, L. [US/US]; 1089 Miller Lane, Apt. 107, Buffalo Grove, IL 60089 (US). MUDIPALLI, Partha, S. [IN/US]; 4800 Carol Street, Apt. 1A, Skokie, IL 60077 (US). NAING, Win [MM/US]; 1198 Noonning Tree Drive, Chesterfield, MO 63017 (US). SELNESS, Shaun, R. [US/US]; 1875 Cedarmill Dr., Chesterfield, MO 63017 (US). SEYMOUR, Christine, B. [US/US]; 727 Redwood Lane, Glenview, IL 60077 (US). VISWANATH, Shekhar [IN/US]; 12208 Turkey Creek Ct., Maryland Heights, MO 63045 (US). WALKER, John, K. [US/US]; 11946 Autumn Lakes Drive, Maryland Heights, MO 63043 (US).
- (74) GRYTE, David, M.; Harness, Dickey & Pierce, P.L.C., Suite 400, 7700 Bonhomme, St. Louis, MO 63105 (US) et al. / etc.
- (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A61K 31/506, C07D 401/14, 403/14, 405/14, 409/14, 413/14, 417/14
- (11) WO 03/026664 (13) A1
- (21) PCT/US02/30836
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 60/325,110 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • 2-PHENYLAMINO-4- (5-PYRAZOLYLAMINO) -PYRAMIDINE DERIVATIVES AS KINASE INHIBITORS, IN PARTICULAR, SRC KINASE INHIBITORS  
• DERIVES DE 2-PHENYLAMINO-4-(5-PYRAZOLYLAMINO)-PYRIMIDINE
- DERIVES DE LA 2-PHENYLAMINO-4-(5-PYRAZOLYLAMINO) -PYRAMIDINE, INHIBITEURS DE KINASES ET EN PARTICULIER DE LA KINASE SRC
- (71) BAYER CORPORATION [US/US]; 100 Bayer Road, Pittsburgh, PA 15205 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) DIXON, Julie [US/US]; 81 Peck Road, Bethany, CT 06524 (US). DUMAS, Jacques [FR/US]; 98 Farmview Rd., Bethany, CT 06524 (US). BRENNAN, Catherine [US/US]; 25 Braeside Dr., Hamden, CT 06514 (US). HATOUM-MOKDAD, Holia [US/US]; 43 Joseph Lane, Hamden, CT 06514 (US). LEE, Wendy [US/US]; 282 Evergreen Avenue, Hamden, CT 06518 (US). SIBLEY, Robert [US/US]; 1187 Mount Carmel Avenue, North Haven, CT 06473 (US). BEAR, Brian [US/US]; 373 Acorn Lane, Milford, CT 06460 (US).
- (74) GREENMAN, Jeffrey, M. et al. / etc.; Bayer Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA 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 IE IT LU MC NL PT SE 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*
- (t) for all designations / pour toutes les désignations*
- (51)<sup>7</sup> A61K 31/506, C07D 403/12
- (11) WO 03/026665 (13) A1
- (21) PCT/US02/30980
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 60/325,110 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • 2-PHENYLAMINO-4- (5-PYRAZOLYLAMINO)-PYRIMIDINE DERIVATIVES AS KINASE INHIBITORS, IN PARTICULAR, SRC KINASE INHIBITORS  
• DERIVES DE 2-PHENYLAMINO-4-(5-PYRAZOLYLAMINO)-PYRIMIDINE
- EN TANT QU'INHIBITEURS DE LA KINASE, NOTAMMENT, DES INHIBITEURS DE LA KINASE SRC
- (71) BAYER CORPORATION [US/US]; 100 Bayer Road, Pittsburgh, PA 15205 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) DIXON, Julie [US/US]; 81 Peck Road, Bethany, CT 06524 (US). SCOTT, William, J. [US/US]; 210 Saddle Hill Drive, Guilford, CT 06437 (US). DUMAS, Jacques [FR/US]; 98 Farmview Rd., Bethany, CT 06524 (US). BRENNAN, Catherine [US/US]; 25 Braeside Dr., Hamden, CT 06514 (US). HATOUM-MOKDAD, Holia [US/US]; 43 Joseph Lane, Hamden, CT 06514 (US).
- (74) GREENMAN, Jeffrey, M. et al. / etc.; Bayer Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*
- (t) for all designations / pour toutes les désignations*
- (51)<sup>7</sup> A61K 31/506, C07D 401/14, 403/12, 405/14, 409/14, 417/14, A61P 35/00
- (11) WO 03/026666 (13) A1
- (21) PCT/US02/30984
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 60/325,110 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • 2-PHENYLAMINO-4- (5-PYRAZOLYLAMINO)-PYRIMIDINE DERIVATIVES AS KINASE INHIBITORS, IN PARTICULAR, AS SRC KINASE INHIBITORS  
• DERIVES DE 2-PHENYLAMINO-4-(5-PYRAZOLYLAMINO)-PYRIMIDINE UTILISES COMME INHIBITEURS DE LA KINASE, EN PARTICULIER COMME INHIBITEURS DE LA KINASE SRC

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(72, 75) **DIXON, Julie** [US/US]; 81 Peck Road, Bethany, CT 06524 (US). **DUMAS, Jacques** [FR/US]; 98 Farmview Rd., Bethany, CT 06524 (US). **BRENNAN, Catherine** [US/US]; 25 Braeside Dr., Hamden, CT 06514 (US). **HATOUM-MOKDAD, Holia** [US/US]; 43 Joseph Lane, Hamden, CT 06514 (US). **LEE, Wendy** [US/US]; 282 Evergreen Avenue, Hamden, CT 06518 (US). **SIBLEY, Robert** [US/US]; 1187 Mount Carmel Avenue, North Haven, CT 06473 (US). **BEAR, Brian** [US/US]; 373 Acorn Lane, Milford, CT 06460 (US). **CHANDLER, Brent** [US/US]; 40 Westwood Road, Apt. 2, New Haven, CT 06515 (US). **MIRANDA, Karl** [IN/US]; 204 Aspen Glen Drive, Hamden, CT 06518 (US). **CHEN, Gang** [CN/US]; 28224 Town Walk Drive, Hamden, CT 06518 (US). **CHEN, Zhi** [CN/US]; 865 Mix Avenue, #409, Hamden, CT 06514 (US). **BRITTELLI, David** [US/US]; 240 Stony Creek Road, Branford, CT 06405 (US). **CLARK, Roger, B.** [US/US]; 185 Preston Avenue, Middletown, CT 06457 (US).

(74) **GREENMAN, Jeffrey, M. et al.** / etc.; Bayer Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).

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

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61K 31/517, 31/47, A61P 13/10, C07D 239/72, 215/38

(11) WO 03/026667 (13) A1

(21) PCT/US02/30259

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/963,129 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • QUINAZOLINO- AND QUINOLINO-GUANIDINES AS LIGANDS FOR THE NEUROPEPTIDE FF (NPFF) RECEPTORS

• QUINAZOLINO- ET QUINOLINO-GUANIDINES UTILISEES COMME LIGANDS POUR LES RECEPTEURS DU NEUROPEPTIDE FF (NPFF)

(71) **SYNAPTIC PHARMACEUTICAL CORPORATION** [US/US]; 215 College Road, Paramus, NJ 07652 (US).

(72) **KAWAKAMI, Joel, K.**; 49 Blakely Lane, Newfoundland, NJ 07435 (US). **KONKEL, Michael, J.**; 69 MacArthur Avenue, Garfield, NJ 07026 (US). **BOTEJU, Lakmal, W.**; 39 Grissing Court, Cedar Grove, NJ 07009 (US). **WETZEL, John, M.**; 16-08 Well Drive, Fairlawn, NJ 07410 (US). **NOBLE, Stewart, A.**; 75 West Honeysuckle Road, Lake Forest, IL 60045 (US). **WAN, Honghe**; 720 Forest Street, Kearny, NJ 07032 (US).

(74) **WHITE, John, P.**; Cooper & Dunahm LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/55

(11) WO 03/026668 (13) A1

(21) PCT/US02/30213

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/961,816 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • OPHTHALMOLOGIC TREATMENT METHODS USING SELECTIVE INOS INHIBITORS

• PROCEDES DE TRAITEMENT OPHTHALMOLOGIQUE FAISANT APPEL A DES INHIBITEURS SELECTIFS DE LA NOSI

(71) **PHARMACIA CORPORATION** [US/US]; 800 North Lindbergh Boulevard, -, St. Louis, MO 63167 (US).

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

(72, 75) **MANNING, Pamela, T.** [US/US]; 3535 Highway T, -, Labadie, MO 63055 (US). **CONNOR, Jane, R.** [US/US]; 7027 Waterman Avenue, -, University City, MO 63130 (US).

(74) **NEALEY, Tara, A. et al.** / etc.; SONNENSCHWEIN NATH & ROSENTHAL, Attention: IP Department - St. Louis Office, P.O. Box #061080, Wacker Drive Station - Sears Tower, Chicago, IL 60606-1080 (US).

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

Published / Publiée : (c)

(51)<sup>7</sup> A61K 31/55

(11) WO 03/026669 (13) A1

(21) PCT/US02/31337

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 60/325,933 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MONOBACTAM ANTIBACTERIAL COMPOUNDS AND METHODS OF USE THEREOF

• COMPOSES ANTIBACTERIENS DE LA FAMILLE DES MONOBACTAMS ET PROCEDES D'UTILISATION

(63) US 60/325/933 (CIP) 28 Sep/sep 2001 (28.09.2001)

(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) **SHAWAR, Ribhi** [US/US]; Chiron Corporation, 4560 Horton Street, Emeryville, CA 94608-2916 (US).

(74) **COLLIER, Steven, W.**; Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US) et al. / etc.

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

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(51)<sup>7</sup> A61K 31/565, 31/57, 31/444, 31/4174, A61P 1/16, G01N 33/50

(11) WO 03/026670 (13) A2

(21) PCT/GB02/04350

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 0123063.0 25 Sep/sep 2001 GB (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • COMPOSITIONS FOR THERAPY  
• COMPOSITIONS THERAPEUTIQUES
- (71) THE UNIVERSITY COURT OF THE UNIVERSITY OF ABERDEEN [GB/GB]; Regent Walk, Aberdeen, Aberdeenshire AB24 3FX (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WRIGHT, Matthew, Christopher [GB/GB]; Molecular and Cell Biology, University of Aberdeen, Institute of Medical Sciences, Aberdeen, Aberdeenshire AB25 2ZD (GB).
- (74) KREMER, Simon, M. et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London, Greater London WC2B 6HP (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/57 // 31/57, 31:496  
(11) WO 03/026671 (13) A1  
(21) PCT/US02/29373  
(22) 13 Sep/sep 2002 (13.09.2002)  
(25) en (26) en  
(30) 60/323,951 21 Sep/sep 2001 US (21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD OF TREATING MIDDLE EAR INFECTIONS  
• PROCEDE DE TRAITEMENT DE L'INFECTION DE L'OREILLE MOYENNE
- (71) ALCON, INC. [CH/CH]; Bosch 69, P. O. Box 62, CH-6331 Hunenberg (CH).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WALL, Michael, G. [US/US]; 4417 Ledgeview Road, Fort Worth, TX 76109 (US). CONROY, Peter, J. [US/US]; 3805 Lenox Drive, Fort Worth, TX 76107-1713 (US).
- (74) RYAN, Patrick, M. et al. / etc.; Alcon Research, Ltd., R & D Counsel Q-148, 6201 South Freeway, Fort Worth, TX 76134-2099 (US).
- (81) AU BR CA CN JP KR MX PH PL RU US ZA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> A61K 31/575, A61P 3/06, 9/10  
(11) WO 03/026672 (13) A1  
(21) PCT/CA02/01457  
(22) 26 Sep/sep 2002 (26.09.2002)  
(25) en (26) en
- (30) 09/965,687 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • A METHOD OF REDUCING THE *IN VIVO* CHOLESTEROL ESTER TRANSFER PROTEIN MEDIATED TRANSFER OF CHOLESTERYL ESTERS BETWEEN HIGH DENSITY LIPOPROTEINS (HDL) AND LOW DENSITY LIPOPROTEINS (LDL)  
• PROCEDE DE REDUCTION DU TRANSFERT <I>IN VIVO</I> D'ESTERS DE CHOLESTERYLE DONT LA MEDIATION EST ASSUREE PAR LA PROTEINE DE TRANSFERT DES ESTERS DE CHOLESTEROL, ENTRE LES LIPOPROTEINES DE HAUTE DENSITE (HDL) ET LES LIPOPROTEINES DE BASSE DENSITE (LDL)
- (71) FORBES MEDI-TECH INC. [CA/CA]; 200-750 West Pender Street, Vancouver, British Columbia V6C 2T8 (CA).
- (72) PRITCHARD, P., Haydn; 3286 West 38th Avenue, Vancouver, British Columbia V6N 2X6 (CA). WASAN, Kishor, M.; #607-518 West 14th Avenue, Vancouver, British Columbia V4Z 5N2 (CA).
- (74) BEN-OLIEL, Susan, M., M.; 2983 West 41st Avenue, Vancouver, British Columbia V6N 3C8 (CA).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD 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 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> A61K 31/6615, 31/661, A61P 9/14, 35/00, 5/48, 17/16, 17/00  
(11) WO 03/026673 (13) A1  
(21) PCT/AU02/01321  
(22) 26 Sep/sep 2002 (26.09.2002)  
(25) en (26) en  
(30) PCT/AU01/01206 26 Sep/sep 2001 AU (26.09.2001)  
(30) 2002951045 27 Aug/août 2002 AU (27.08.2002)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MODULATION OF VITAMIN STORAGE  
• MODULATION DU STOCKAGE DE VITAMINES
- (71) VITAL HEALTH SCIENCES PTY LTD. [AU/AU]; Level 2, 90 William Street, Melbourne, VIC 3000 (AU).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WEST, Simon, Michael [AU/AU]; 3 Verdon Street, Williamstown, VIC 3016 (AU). KANNAR, David [AU/AU]; 182 Belgrave Hallam Road, Belgrave South, VIC 3160 (AU).
- (74) ALLENS ARTHUR ROBINSON PATENT & TRADE MARKS ATTORNEYS; Stock Exchange Centre, 530 Collins 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 ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/70, C07H 23/00  
(11) WO 03/026674 (13) A1  
(21) PCT/US02/31038  
(22) 30 Sep/sep 2002 (30.09.2002)  
(25) en (26) en  
(30) 60/326,183 28 Sep/sep 2001 US (28.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • COADMINISTRATION OF TRANSPORT PROTEIN WITH CONJUGATED COBALAMIN TO DELIVER AGENTS  
• ADMINISTRATION COMBINEE DE PROTEINES DE TRANSPORT ET DE COBALAMINE CONJUGUEE POUR DELIVRANCE D'AGENTS
- (71) MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH [US/US]; 200 First Street S.W., Rochester, MN 55905 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COLLINS, Douglas, A. [US/US]; 1150 Meadowlark Court S.W., Rochester, MN 55902 (US).
- (74) KNOWLES, Sherry, M.; King & Spalding, 191 Peachtree Street, Atlanta, GA 30303-1763 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> A61K 31/70  
(11) WO 03/026675 (13) A1  
(21) PCT/US02/31203  
(22) 30 Sep/sep 2002 (30.09.2002)  
(25) en (26) en  
(30) 60/326,192 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND COMPOSITIONS FOR TREATING FLAVIVIRUSES AND PESTIVIRUSES USING 4'-MODIFIED NUCLEOSIDE

- PROCÉDES ET COMPOSITIONS POUR TRAITER DES FLAVIVIRUS ET DES PESTIVIRUS AU MOYEN D'UN NUCLEOSIDE MODIFIÉ EN POSITION 4'

(71) IDENIX (CAYMAN) LIMITED [—/—]; Walker Secretaries, Walker House, Grand Cayman (KY). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR). L'UNIVERSITE MONTPELLIER II [FR/FR]; 2 Place Eugène Bataillon, F-34095 Montpellier Cedex 5 (FR).

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

(72, 75) GOSSELIN, Gilles [FR/FR]; 82, rue Calvin, 400 Avenue Paul Rimbaud, F-34080 Montpellier (FR). IMBACH, Jean-Louis [FR/FR]; 1108, rue Las Sorbes, Impasse des Luques, F-34000 Montpellier (FR). SOMMADOSSI, Jean-Pierre [FR/US]; 7 Lowell Street, Cambridge, MA 02138 (US).

(74) KNOWLES, Sherry, M.; King &amp; Spalding, 191 Peachtree Street, Atlanta, GA 30303-1763 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 31/7004, 31/7048, A61P 25/00, 25/14, 43/00

(11) WO 03/026676 (13) A1

(21) PCT/US02/30194

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 60/324,440 24 Sep/sep 2001 US (24.09.2001)

(30) 10/000,000 23 Sep/sep 2002 US (23.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ANTICONVULSANT DERIVATIVES USEFUL FOR THE TREATMENT OF RESTLESS LIMB SYNDROME AND PERIODIC LIMB MOVEMENT DISORDER

- DERIVES ANTICONVULSIFS UTILES DANS LE TRAITEMENT DU SYNDROME DES MEMBRES SANS REPOS ET DU MOUVEMENT INVOLONTAIRE DES MEMBRES

(71) ORTHO-MCNEIL PHARMACEUTICAL, INC. [US/US]; U.S. Route #202, P.O. Box 300, Raritan, NJ 08869-0602 (US).

(72) ABUZZAHAB, Faruk, S., Sr.; 2601 East Lake Isles Parkway, Minneapolis, MN 55408-1052 (US).

(74) JOHNSON, Philip, S. et al. / etc.; Johnson &amp; Johnson, One Johnson &amp; Johnson Plaza, New Brunswick, NJ 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 31/702, 31/722, 31/7008, C07H 5/06, A61P 19/02, 29/00

(11) WO 03/026677 (13) A1

(21) PCT/IS02/00016

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 6085 26 Sep/sep 2001 IS (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PHARMACEUTICAL COMPOSITION COMPRISING CHITO-OLIGOMERS

- COMPOSITION PHARMACEUTIQUE COMPRENANT DES CHITO-OLIGOMERES

(71) PRIMEX EHF. [IS/IS]; Holmaslod 2, IS-101 Reykjavik (IS).

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

(72, 75) EINARSSON, Jon, M. [IS/IS]; Bauganesi 6, IS-101 Reykjavik (IS). GILASON, Johannes [IS/IS]; Midtuni 56, IS-105 Reykjavik (IS). PETER, Martin [DE/DE]; Institut für Organische Chemie und Strukturanalytik, Karl-Liebknecht-Str.24-25, Haus 25, D/O.06-0.07, 14476 Golm (DE). BAHRKE, Sven [DE/DE]; Institut für Organische Chemie und Strukturanalytik, Karl-Liebknecht-Str.24-25, Haus 25, D/O.06-0.07, 14476 Golm (DE).

(74) A &amp; P ARNASON; Efstalciti 5, IS-103 Reykjavik (IS).

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

Published / Publiée : (a)

Declaration / Déclaration :

*(u) for / pour US only / seulement*(51)<sup>7</sup> A61K 31/74

(11) WO 03/026678 (13) A1

(21) PCT/KR02/01762

(22) 18 Sep/sep 2002 (18.09.2002)

(25) ko (26) en

(30) 2001/0059205 25 Sep/sep 2001 KR (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NOVEL PHARMACEUTICAL COMPOSITION WITH IMPROVED DEFOAMING ACTIVITY

- COMPOSITION PHARMACEUTIQUE A ACTIVITE DE DEMOUSSAGE AMELIOREE

(71) DASAN MEDICHEM CO., LTD. [KR/KR]; 3rd Floor, Samguang Bldg., 100, Dangsang-dong 2ga, Youngdeungpo-gu, 150-042 Seoul (KR).

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

(72, 75) KIM, Hak-Hyung [KR/KR]; 612-1203 Cheonggu apt., Imae-dong, Bundang-gu, 463-905 Seongnam-city, Gyunggi-do (KR). OH, Yun-Ok [KR/KR]; 302 Dongkyung Villa, 1135-36 Yeonsan 4-dong, Yeonje-gu, 611-823 Busan-city (KR).

(74) YOU ME PATENT &amp; LAW FIRM; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, 135-080 Seoul (KR).

(81) BR JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 33/00

(11) WO 03/026679 (13) A2

(21) PCT/GB02/04387

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 0123115.8 26 Sep/sep 2001 GB (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SALINE SOLUTIONS FOR CLINICAL OR COSMETIC USE

- SOLUTIONS SALINES D'USAGE CLINIQUE OU COSMETIQUE

(71) PHARMA SOL INTERNATIONAL LIMITED [GB/GB]; Beechlawn House, Hurtmore Road, Godalming, Surrey GU2 7RA (GB).

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

(72, 75) SCHMIDT, Ryszard, Jan [GB/GB]; 25 Coates Lane, Barnoldswick BB18 6HJ (GB). BIGGS, James, Martin [GB/GB]; Beechlawn House, Hurtmore Road, Godalming GU7 2RA (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61K 33/08, 33/01
- (11) WO 03/026680 (13) A2
- (21) PCT/US02/30162
- (22) 23 Sep/sep 2002 (23.09.2002)
- (25) en (26) en
- (30) 09/962,622 24 Sep/sep 2001 US  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND TOPICAL FORMULA-  
TION FOR TREATING SKIN CONDI-  
TIONS ASSOCIATED WITH AGING  
• METHODE ET FORMULATION TO-  
PIQUE PERMETTANT DE TRAITER  
DES MALADIES DE LA PEAU ASSO-  
CIEES AU VIEILLISSEMENT
- (71) DERMATRENDS, INC. [US/US]; Suite A,  
10130 Sorrento Valley Road, San Diego, CA  
92121 (US).
- (72) MAIBACH, Howard, I.; 2745 Larkin Street,  
San Francisco, CA 94109 (US). LUO, Eric,  
C.; 6833 Saint Lawrence Street, Plano, TX  
75024 (US). HSU, Tsung-Min; 11745 Stoney  
Peak Drive Apt. #222, San Diego, CA 92128  
(US).
- (74) REED, Dianne, E.; Reed & Eberle LLP,  
Suite 210, 800 Menlo Avenue, Menlo Park,  
CA 94025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61K 33/18, A61P 15/02, 31/12, A61M  
31/00
- (11) WO 03/026681 (13) A1
- (21) PCT/AU02/01312
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) en (26) en
- (30) PR 7909 25 Sep/sep 2001 AU  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • INACTIVATION OF PAPILOMAVIRUS  
• INACTIVATION DE PAPILOMAVI-  
RUS
- (71, 72) MCCLOSKEY, Jenny, Colleen  
[AU/AU]; 38 Woodroyd Street, Mount  
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- (72, 75) FOX, Richard, Alan [AU/AU]; 27 Ev-  
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- (74) FREEHILLS CARTER SMITH BEA-  
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bourne, Victoria 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 ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61K 35/60
- (11) WO 03/026682 (13) A1
- (21) PCT/NO02/00336
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 20014670 26 Sep/sep 2001 NO  
(26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • USE OF A COMPOSITION BASED ON  
FISH SOFT ROE  
• UTILISATION D'UNE COMPOSITION  
A BASE DE LAITANCE DE POISSON
- (71) FIRMENICH SA [—/CH]; 1, route des Je-  
unes, CH-1211 Geneva 8 (CH).  
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les États désignés sauf US)*
- (72, 75) BJØRGE, Oddvar [NO/NO]; N-6057  
Ellingsøy (NO). BJØRGE, Jan [NO/NO];  
N-6057 Ellingsøy (NO).
- (74) ONSAGERS AS et al. / etc.; PB 6963, St.  
Olavs Plass, N-0103 Oslo (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61K 35/84, 35/64, A61P 1/14, 35/00
- (11) WO 03/026683 (13) A1
- (21) PCT/CN02/00616
- (22) 4 Sep/sep 2002 (04.09.2002)
- (25) zh (26) zh
- (30) 01131281.5 5 Sep/sep 2001 CN  
(05.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HEALTH CARING PRODUCT FOR EN-  
HANCING IMMUNITY AND DELAY-  
ING AGING
- PRODUIT DE SOINS DE SANTE PER-  
METTANT DE STIMULER L'IMMU-  
NITE ET DE RETARDER LE VIEILLIS-  
SEMENT
- (71, 72) ZHU, Xiaoping [CN/CN]; Kang Bo  
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longchang, Guangdong, Heyuan 517000  
(CN).
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(CN).
- (74) CHINA KANGXIN & PARTNERS; Room  
2313, Xinlong Plaza, Jia 33, Erlong Street,  
Xicheng District, Beijing 100045 (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 NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- (51)<sup>7</sup> A61K 38/06, 31/198, A61P 25/18, 25/28
- (11) WO 03/026684 (13) A1
- (21) PCT/AU02/01320
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 60/325,061 27 Sep/sep 2001 US  
(27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MODULATION OF PHYSIOLOGICAL  
PROCESSES AND AGENTS USEFUL  
FOR SAME  
• MODULATION DE PROCEDES PHY-  
SIOLOGIQUES ET AGENTS UTILES A  
CET EFFET
- (71) THE MENTAL HEALTH RESEARCH  
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(AU).  
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les États désignés sauf US)*
- (72, 75) BUSH, Ashley, I. [US/US]; 91 Summer  
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Finch Street, East Malvern, Victoria 3144  
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pellier Drive, Highton, Victoria 3216 (AU).
- (74) OBRANOVICH, Tania, D. et al. / etc.;  
Davies Collison Cave, 1 Little Collins Street,  
Melbourne, Victoria 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 ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A61K 38/08, 38/10, A61P 1/16, 3/00, 3/06
- (11) WO 03/026685 (13) A1
- (21) PCT/JP02/09570
- (22) 18 Sep/sep 2002 (18.09.2002)
- (25) ja (26) ja
- (30) 2001-288874 21 Sep/sep 2001 JP  
(21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • AGENTS IMPROVING LIPID METABOLISM IN LIVER  
• AGENTS AMELIORANT LE METABOLISME LIPIDIQUE DANS LE FOIE
- (71) FUJI OIL COMPANY, LIMITED [JP/JP]; 1-5, Nishishinsaibashi 2-chome, Chuo-ku, Osaka-shi, Osaka 542-0086 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FUKUDA, Nobuhiro [JP/JP]; 4-35(801), Oimatsu 1-chome, Miyazaki-shi, Miyazaki 880-0801 (JP). SAKONO, Masanobu [JP/JP]; 5-49(204), Ehira-nishi 1-chome, Miyazaki-shi, Miyazaki 880-0051 (JP). NAKAMORI, Toshihiro [JP/JP]; c/o Fuji Oil Company, Limited, Hannan Factory, 1, Sumiyoshi-cho, Izumisano-shi, Osaka 598-8540 (JP). FURUTA, Hitoshi [JP/JP]; c/o Fuji Oil Company, Limited, Hannan Factory, 1, Sumiyoshi-cho, Izumisano-shi, Osaka 598-8540 (JP). SUGANO, Michihiro [JP/JP]; 38-23, Najima 5-chome, Higashi-ku, Fukuoka-shi, Fukuoka 813-0043 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A61K 38/21, A61P 31/12, 35/00 // (A61K 38/21, 31:194)
- (11) WO 03/026686 (13) A1
- (21) PCT/RU01/00389
- (22) 27 Sep/sep 2001 (27.09.2001)
- (25) en (26) en
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • POTENTIATING THE THERAPEUTIC EFFECTS OF INTERFERONS  
• POTENTIALISATION DES EFFETS THERAPEUTIQUES DES INTERFERONS
- (71, 72) POMYTKIN, Igor A. [RU/RU]; Shkolny bulv., 1B-35, Chernogolovka, Moskovskaya obl. 142432 (RU). VERTELETSKY, Pavel V. [RU/RU]; ul. Pogodinskaya, 2/3-80, Moscow, 11921 (RU). SVENTYTSKY, Evgeny N. [RU/RU]; ul. Sjezhenskaya, 24-54, St.Petersburg, 197198 (RU).
- (74) AGENCY OF INTELLECTUAL PROPERTY PROTECTION AND DEVELOPMENT ERMAKOVA, STOLIAROVA & ASSOCIATES; Petroverigsky per, 4, 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 PL PT RO RU SD SE SG SI 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 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).
- (51)<sup>7</sup> A61K 38/44
- (11) WO 03/026687 (13) A1
- (21) PCT/US02/31309
- (22) 30 Sep/sep 2002 (30.09.2002)
- (25) en (26) en
- (30) 60/325,937 28 Sep/sep 2001 US  
(28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DELIVERY SYSTEM FOR BIOLOGICAL COMPONENT  
• SYSTEME DE DISTRIBUTION DE COMPOSANT BIOLOGIQUE
- (71) NUTRACEUTIX, INC. [US/US]; 8340 154th Avenue NE, Seattle, WA 98052-3864 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BOREK, Tanya [US/US]; 44723 SE 146th Street, North Bend, WA 98045 (US). FEDERICI, Catherine [US/US]; 830 17th Avenue, Seattle, WA 98122 (US). HITE, Michael, P. [US/US]; 1711 E. Olive Way, Apt. 113, Seattle, WA 98008 (US). LONDON, Christopher [US/US]; 17108 SE 35th Street, Bellevue, WA 98008 (US). TURNER, Stephen, J. [US/US]; 16209 SE 263rd Place, Covington, WA 98042 (US).
- (74) CONFORTI, Vita, G.; Davis Wright Tremaine LLP, 2600 Century Square, 1501 Fourth Avenue, Seattle, WA 98101-1688 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A61K 39/00, C12N 5/00, C12P 21/04, A01N 37/18
- (11) WO 03/026689 (13) A1
- (21) PCT/US02/30343
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/324,453 24 Sep/sep 2001 US  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • AUTOLOGOUS GROWTH FACTOR COCKTAIL COMPOSITION, METHOD OF PRODUCTION AND USE  
• COMPOSITION COCKTAIL A BASE DE FACTEURS DE CROISSANCE AUTOLOGUES, SON PROCEDE DE PRODUCTION ET SON UTILISATION
- (71) VERIGEN [DE/DE]; Hemmelrather Weg 201, 51377 Leverkusen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ZHENG, Ming, Hao [AU/AU]; 2 Kingsland Avenue, City Beach, W.A. 6015 (AU). ASCULAI, Samuel, S. [US/CA]; 53 McCaul Street, Unit #13, Toronto, Ontario M5T 2W9 (CA).
- (74) BEARDELL, Louis, W. et al. / etc.; Morgan, Lewis & Bockius, LLP, 1701 Market Street, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 39/00, 39/02, C12N 1/00, 1/20

(11) WO 03/026690 (13) A1

(21) PCT/US02/30844

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,796 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • INCAPACITATED WHOLE-CELL IM-  
MUNOGENIC BACTERIAL COMPOSI-  
TIONS  
• COMPOSITIONS IMMUNOGENES DE  
CELLULES ENTIERES DE BACTERIES  
RENDUES INCAPABLES

- (71) GANGAGEN, INC. [US/US]; 3279 Emer-  
son Street, Palo Alto, CA 94306 (US).  
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les États désignés sauf US)

- (72, 75) RAMACHANDRAN, Janakiraman  
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- (74) FRANCIS, Carol L.; BOZICEVIC, FIELD  
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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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 39/39, 38/17, A61P 37/02

(11) WO 03/026691 (13) A2

(21) PCT/IB02/04080

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) MI2001A001986 25 Sep/sep 2001 IT  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • METHOD  
• PROCEDE

- (71) FONDAZIONE CENTRO SAN RAF-  
FAELE DEL MONTE TABOR [IT/IT]; Via  
Olgettina, 60, I-20132 Milan (IT).  
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les États désignés sauf US)

- (72, 75) BIANCHI, Marco [IT/IT]; Fondazione  
Centro San Raffaele del Monte Tabor, Via  
Olgettina, 60, I-20132 Milan (IT). MAN-  
FREDI, Angelo [IT/IT]; Fondazione Centro  
San Raffaele del Monte Tabor, Via Olgettina,  
60, I-20132 Milan (IT).

- (74) MALLALIEU, Catherine, Louise 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  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> A61K 39/395

(11) WO 03/026692 (13) A2

(21) PCT/GB02/04358

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 0123156.2 26 Sep/sep 2001 GB  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • TREATMENT OF CHRONIC JOINT IN-  
FLAMMATION  
• TRAITEMENT DE L'INFLAMMATION  
ARTICULAIRE CHRONIQUE

- (71) ISIS INNOVATION LIMITED [GB/GB];  
Ewert House, Ewert Place, Summertown, Ox-  
ford OX2 7SG (GB).  
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les États désignés sauf US)

- (72, 75) ISAACS, John [GB/GB]; Medical  
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- (74) MARCHANT, James, Ian; Elkington and  
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Sevenoaks, Kent TN13 1XR (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 39/395

(11) WO 03/026693 (13) A2

(21) PCT/GB02/04386

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 0123276.8 27 Sep/sep 2001 GB  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • USES OF AGENTS THAT BIND IM-  
MUNE-SYSTEM COMPONENTS  
• UTILISATIONS D'AGENTS QUI SE  
LIENT A DES ELEMENTS DU SYS-  
TEME IMMUNITAIRE

- (71) IMPERIAL COLLEGE INNOVATIONS  
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Imperial College, London SW7 2AZ (GB).  
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les États désignés sauf US)

- (72, 75) HUSSELL, Tracey [GB/GB]; Impe-  
rial College Innovations Limited, Sherfield  
Building, Imperial College, London SW7  
2AZ (GB). HUMPHREYS, Ian [GB/GB];  
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field Building, Imperial College, London  
SW7 2AZ (GB).

- (74) LEE, Nicholas, John 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  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 41/00

(11) WO 03/026694 (13) A2

(21) PCT/US01/44390

(22) 28 Nov/nov 2001 (28.11.2001)

(25) en (26) en

(30) 09/727,287 29 Nov/nov 2000 US  
(29.11.2000)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • METHOD AND APPARATUS FOR  
TREATMENT OF VIRAL INFECTION  
• METHODE ET APPAREIL DE TRAITE-  
MENT D'UNE INFECTION VIRALE

- (71, 72) SILVERSTONE, Leon, M. [GB/US];  
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(US).

- (74) ARNO, Thomas, R.; Knobbe, Martens,  
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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 SI SK SL TJ TM 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).

(51)<sup>7</sup> A61K 45/00, 38/17, G01N 33/50, A61P 3/00

(11) WO 03/026695 (13) A1

(21) PCT/IB02/04164

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 60/323,859 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AGONISTS AND ANTAGONISTS OF CYLIXIN FOR THE TREATMENT OF METABOLIC DISORDERS

• AGONISTES ET ANTAGONISTES DE CYLIXINE PERMETTANT DE TRAITER DES TROUBLES DU METABOLISME

(71) GENSET S.A. [FR/FR]; Intellectual Property Department, 24, rue Royale, F-75008 Paris (FR).

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(72, 75) DIALYNAS, Deno [US/US]; 3425 Lebon Drive, #813, San Diego, CA 92122 (US). LUCAS, John [US/US]; 339 The Valley Road, Concord, MA 01742 (US). BRIGGS, Kristen [US/US]; 2454 Mango Way, Del Mar, CA 92014 (US). SCALIA, Aaron [US/US]; 1691 Los Altos Rd., San Diego, CA 92109 (US).

(74) GENSET S.A.; c/o De Luca, Giampiero, Serono International S.A., Intellectual Property, 12, Chemin des Aulx, Plan-les-Ouates (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 45/00, 48/00, 31/7105, 31/711, A61P 35/00, 43/00, G01N 33/50, 33/15

(11) WO 03/026696 (13) A1

(21) PCT/JP02/08416

(22) 21 Aug/août 2002 (21.08.2002)

(25) ja

(26) ja

(30) 2001-290248 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF CONTROLLING PROLIFERATION OF CANCER CELLS AND CELL DEATH

• PROCEDE PERMETTANT DE MAITRISE LA PROLIFERATION DE CELLULES CANCEREUSES ET LA MORT CELLULAIRE

(71) JAPAN AS REPRESENTED BY THE PRESIDENT OF THE UNIVERSITY OF TOKYO [JP/JP]; 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 113-8654 (JP). ONCOTHERAPY SCIENCE, INC. [JP/JP]; 3-16-13, Shirokanedai, Minato-ku, Tokyo 108-0071 (JP).

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(72, 75) NAKAMURA, Yusuke [JP/JP]; 17-33 Azamino 1-chome Aoba-ku, Yokohama-shi, Kanagawa 225-0011 (JP). FURUKAWA, Yoichi [JP/JP]; 10-40, Miyazaki 3-chome, Miyamae-ku, Kawasaki-shi, Kanagawa 216-0033 (JP).

(74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).

(81) CA US.

Published / Publiée : (n)

Declaration / Déclaration :

(v) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61K 47/00

(11) WO 03/026697 (13) A2

(21) PCT/US02/30048

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 60/325,356 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ORGANOLEPTICALLY ACCEPTABLE INTRAORALLY DISINTEGRATING COMPOSITIONS

• COMPOSITIONS A DESINTEGRATION ORALE, ACCEPTABLES SUR LE PLAN ORGANOLEPTIQUE

(71) PHARMACIA CORPORATION [US/US]; Corporate Patent Department, 800 North Lindbergh Boulevard-04E, St. Louis, MO 63167 (US).

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

(72, 75) LE, Trang, T. [US/US]; 312 Richmond Place, Vernon Hills, IL 60061 (US). LUDWIG, Blake, C. [US/US]; 805 Keith Avenue, Waukegan, IL 60085 (US). REO, Joseph, P. [US/US]; 5914 Bluejay Drive, Kalamazoo, MI 49009 (US). UDAY, J., Shah [US/US]; 3683 Leatheleaf Court, Hoffman Estates, IL 60195 (US). YAMAMOTO, Ken [JP/US]; 7596 Carnoustie Street, Portage, MI 49024 (US).

(74) FOURNIER, David, B. et al. / etc.; Pharmacia Corporation, P.O. Box 5110, Chicago, IL 60680 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 47/14, 7/00, 7/02, 7/027, 7/06, 7/075, 7/08, 7/42, 7/48, A61P 17/00

(11) WO 03/026698 (13) A1

(21) PCT/JP02/09755

(22) 24 Sep/sep 2002 (24.09.2002)

(25) ja (26) ja

(30) 2001-293922 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • EXTERNAL PREPARATION FOR THE SKIN

• PREPARATION EXTERNE POUR LA PEAU

(71) SHISEIDO COMPANY, LTD. [JP/JP]; 5-5, Ginza 7-chome, Chuo-ku, Tokyo 104-8010 (JP).

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(72, 75) OGUCHI, Nozomi [JP/JP]; c/o SHISEIDO RESEARCH CENTER (SHIN YOKOHAMA), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP). MIYAHARA, Reiji [JP/JP]; c/o SHISEIDO RESEARCH CENTER (SHIN YOKOHAMA), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP). KAKOKI, Hiroyuki [JP/JP]; c/o SHISEIDO RESEARCH CENTER (SHIN YOKOHAMA), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP). OHMORI, Takashi [JP/JP]; c/o SHISEIDO RESEARCH CENTER (SHIN YOKOHAMA), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP).

(74) TAKANO, Toshihiko et al. / etc.; c/o TAKANO & CO., 32-802, Kitamachi, Shinjuku-ku, Tokyo 162-0834 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> A61K 47/20, 9/00, 9/08, 9/24, 47/26, 38/00, 45/00

(11) WO 03/026699 (13) A1

(21) PCT/JP02/09829

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001-293068 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MEDICINAL COMPOSITIONS PROMOTING DRUG ABSORPTION

- COMPOSITIONS MEDICINALES FA-  
VORISANT L'ABSORPTION DE ME-  
DICAMENTS
- (71) **TANABE SEIYAKU CO., LTD.** [JP/JP];  
2-10, Dosho-machi 3-chome, Chuo-ku, Os-  
aka-shi, Osaka 541-8505 (JP). **TAKADA,  
Kanji** [JP/JP]; 618-2, Gokomachidori Gojoa-  
garu Azuchi-cho, Shimogyo-ku, Kyoto-shi,  
Kyoto 600-8040 (JP).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) **KITAZAWA, Takeo** [JP/JP]; 555,  
Ichikawa 1-chome, Ichikawa-shi, Chiba  
272-0034 (JP). **HARADA, Mitsunori**  
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Naniwa-ku, Osaka-shi, Osaka 556-0022 (JP).  
**HORIKIRI, Yuji** [JP/JP]; 1-28, Maruya-  
madai 2-chome, Kawanishi-shi, Hyogo  
666-0152 (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 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 47/48**
- (11) **WO 03/026701** (13) A1
- (21) PCT/FR02/03290
- (22) **26 Sep/sep 2002 (26.09.2002)**
- (25) fr (26) fr
- (30) 01/12441 **27 Sep/sep 2001** FR  
(27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • TRANSPORTING OF TAXOID  
DERIVATIVES THROUGH THE  
BLOOD BRAIN BARRIER
- VECTORISATION DE DERIVES  
TAXOIDES A TRAVERS LA BAR-  
RIERE HEMATOENCEPHALIQUE
- (71) **SYNT:EM [FR/FR]**; Allée Charles Babbage,  
Parc Scientifique Georges Besse, F-30035  
Nîmes (FR).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) **TEMSAMANI, Jamal** [MA/FR]; 370,  
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Anthony, R.** [GB/FR]; Mas de la Font,  
Castelnaud-Valence, F-30190 Saint-Chaptes  
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- (74) **BREESE, Pierre et al.** / etc.; Breesé-Ma-  
jerowicz, 3, avenue de l'Opéra, F-75001 Paris  
(FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 47/48**
- (11) **WO 03/026700** (13) A2
- (21) PCT/FR02/03289
- (22) **26 Sep/sep 2002 (26.09.2002)**
- (25) fr (26) fr
- (30) 01/12442 **27 Sep/sep 2001** FR  
(27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • COMPOSITIONS FOR TRANSPORT-  
ING ANTIBODIES THROUGH THE  
BLOOD BRAIN BARRIER AND THEIR  
USE FOR DIAGNOSING OR TREAT-  
ING CENTRAL NERVOUS SYSTEM  
DISEASES
- COMPOSITIONS POUR LA VECTORI-  
SATION D'ANTICORPS A TRAVERS  
LA BARRIERE HEMATOENCEPHA-  
LIQUE ET LEUR UTILISATION POUR  
LE DIAGNOSTIC OU LE TRAIT-  
EMENT DES MALADIES DU SYSTEME  
NERVEUX CENTRAL
- (71) **SYNT:EM [FR/FR]**; Allée Charles Babbage,  
Parc Scientifique Georges Besse, F-30035  
Nîmes (FR).  
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les États désignés sauf US)*
- (72, 75) **TEMSAMANI, Jamal** [MA/FR]; 370,  
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Christophe** [FR/FR]; 15,  
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- 
- (51)<sup>7</sup> **A61K 49/00**
- (11) **WO 03/026702** (13) A1
- (21) PCT/GB02/04322
- (22) **24 Sep/sep 2002 (24.09.2002)**
- (25) en (26) en
- (30) 0123013.5 **25 Sep/sep 2001** GB  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (74) **BREESE, Pierre et al.** / etc.; Breesé-Ma-  
jerowicz, 3, avenue de l'Opéra, F-75001 Paris  
(FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
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- (51)<sup>7</sup> **A61L 2/08**
- (11) **WO 03/026703** (13) A1
- (21) PCT/US02/28134
- (22) **24 Sep/sep 2002 (24.09.2002)**
- (25) en (26) en
- (30) 09/960,703 **24 Sep/sep 2001** US  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHODS OF STERILIZING BIO-  
LOGICAL MATERIALS CONTAINING  
NON-AQUEOUS SOLVENTS
- PROCEDES DE STERILISATION DE  
MATIERES BIOLOGIQUES CONTE-  
NANT DES SOLVANTS NON AQUEUX
- (71) **CLEARANT, INC.** [US/US]; 11111 Santa  
Monica Boulevard, Suite 650, Los Angeles,  
CA 90025 (US).  
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- (72, 75) **MIEKKA, Shirley** [US/US]; 11905  
Clover Knoll Road, Gaithersburg, MD 20878  
(US). **MACPHEE, Martin, J.** [CA/US];  
9971 Lake Landing Road, Montgomery Vil-  
lage, MD 20886 (US). **DROHAN, William,**
- 
- (54) • PARTICULATE IMAGING CONTRAST  
AGENTS
- PRODUITS DE CONTRASTE D'IMA-  
GERIE PARTICULAIRES
- (71) **UPPERTON LIMITED** [GB/GB]; 15 Cam-  
bridge Road, West Bridgford, Nottingham  
NG2 5NA (GB).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) **JOHNSON, Richard, Alan** [GB/GB];  
15 Cambridge Road, West Bridgford, Not-  
tingham NG2 5NA (GB).
- (74) **JONES, Stephen, Anthony;** Adamson  
Jones, Broadway Business Centre, 332a  
Stoney Street, Nottingham NG1 1LL (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 SI 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 IE IT LU MC NL  
PT SE 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 NO NZ OM PH PL PT RO RU SD SE SG  
SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT 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

- N., [US/US]; 8417 Oakford Lane, Springfield, VA 22152 (US). MANN, David, M. [US/US]; 7430 Brenish Drive, Gaithersburg, MD 20879 (US). BURGESS, Wilson, H. [US/US]; 12824 Great Oak Lane, Clifton, VA 20124 (US).
- (74) FLESHNER, Mark, L. et al. / etc.; Fleshner & Kim, LLP, P.O. Box 221200, Chantilly, VA 20153-1200 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR 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 OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61L 2/08, 2/10, 2/12, A01N 1/02  
(11) WO 03/026704 (13) A1  
(21) PCT/US02/28135  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) en (26) en  
(30) 09/960,700 24 Sep/sep 2001 US (24.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHODS OF STERILIZING BIOLOGICAL MIXTURES USING STABILIZER MIXTURES  
• PROCEDES DE STERILISATION DE MELANGES BIOLOGIQUES AU MOYEN DE MELANGES STABILISATEURS  
(71) CLEARANT, INC. [US/US]; 11111 Santa Monica Boulevard, Suite 650, Los Angeles, CA 90025 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(71, 72) BURGESS, Wilson, H. [US/US]; 12824 Great Oak Lane, Clifton, VA 20124 (US). DROHAN, William, N. [US/US]; 8417 Oakford Lane, Springfield, VA 22152 (US). MACPHEE, Martin, J. [CA/US]; 9971 Lake Landing Road, Montgomery Village, MD 20886 (US). MANN, David, M. [US/US]; 7430 Brenish Drive, Gaithersburg, MD 20879 (US).
- (74) FLESHNER, Mark, L. et al. / etc.; Fleshner & Kim, LLP, P.O. Box 221200, Chantilly, VA 20153-1200 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR 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 OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61L 2/08, 2/10, 2/12, A01N 1/02  
(11) WO 03/026704 (13) A1  
(21) PCT/US02/28135  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) en (26) en  
(30) 09/960,700 24 Sep/sep 2001 US (24.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHODS OF STERILIZING BIOLOGICAL MIXTURES USING STABILIZER MIXTURES  
• PROCEDES DE STERILISATION DE MELANGES BIOLOGIQUES AU MOYEN DE MELANGES STABILISATEURS  
(71) CLEARANT, INC. [US/US]; 11111 Santa Monica Boulevard, Suite 650, Los Angeles, CA 90025 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(71, 72) BURGESS, Wilson, H. [US/US]; 12824 Great Oak Lane, Clifton, VA 20124 (US). DROHAN, William, N. [US/US]; 8417 Oakford Lane, Springfield, VA 22152 (US). MACPHEE, Martin, J. [CA/US]; 9971 Lake Landing Road, Montgomery Village, MD 20886 (US). MANN, David, M. [US/US]; 7430 Brenish Drive, Gaithersburg, MD 20879 (US).
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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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(54) • DIFFUSER FOR ACTIVE INGREDIENTS  
• DIFFUSEUR DE PRINCIPES ACTIFS  
(71) AEROME GMBH SCENT SYSTEM ENGINEERING [DE/DE]; Neuer Zollhof 1, 40221 Düsseldorf (DE).  
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(72, 75) RAWERT, Jürgen [DE/DE]; Dortmund Str. 11, 41564 Kaarst (DE).
- (74) PÄTZOLD, Herbert; Steubstrasse 10, 82166 Gräfelfing (DE).
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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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(54) • ABSORBENT STRUCTURE, ABSORBENT ARTICLE, WATER-ABSORBENT RESIN, AND ITS PRODUCTION PROCESS AND EVALUATION METHOD  
• STRUCTURE ABSORBANTE, ARTICLE ABSORBANT, RESINE ABSORBANT L'EAU ET SA PRODUCTION  
(71) NIPPON SHOKUBAI CO., LTD. [JP/JP]; 1-1, Koraihashi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0043 (JP).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) NAGASUNA, Kinya [JP/JP]; 11-13, Izumidai 2-chome, Kawai-cho, Kitakatsuragi-gun, Nara, 636-0091 (JP). KADONAGA, Kenji [JP/JP]; 5-1-203, Nishimachi, Takatsuki-shi, Osaka 569-0854 (JP). MITSUHASHI, Akiko [JP/JP]; 1-7, Yayoigaoka 5-chome, Sanda-shi, Hyogo 669-1546 (JP). IMURA, Motohiro [JP/JP]; 5-1-501, Nishimachi, Takatsuki-shi, Osaka 569-0854 (JP).
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- (71) INTECH THÜRINGEN GMBH [DE/DE]; Eisenacher Landstrasse 70, 99880 Waltershausen (DE).  
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- (72, 75) SCHUNK, Werner [DE/DE]; Galetistr. 2, 99867 Gotha (DE). BRÜDER, Michael [DE/DE]; Am Knill 65, 22147 Hamburg (DE). KRAUSE, Karl-Heinz [DE/DE]; Berbisdorfer Kirchweg 12, 09123 Chemnitz (DE). MERKMANN, Gerhard [DE/DE]; Romillystr. 15, 99867 Gotha (DE). VORTKORT, Jörg [DE/DE]; Schulstrasse 42, 21445 Wulfen (DE).
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- (54) • LIQUID MIXTURE FOR USE AS A DRESSING SPRAY  
• MELANGE LIQUIDE PREVU POUR ETRE UTILISE COMME PANSEMENT EN AEROSOL
- (71) MBS MULTINATION BUSINESS SERVICES (G.B.) LTD. [GB/GB]; 64 Peronnet House, Princess Street, London SE1 6JS (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HITE, Mark [US/US]; 3 Hounds Run Lane, Blue Bell, PA 19422 (US).
- (74) HASLER, Erich et al. / etc.; Riederer Hasler & Partner, Patentanwälte AG, Elestastrasse 8, CH-7310 Bad Ragaz (CH).
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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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • POLYFUNCTIONAL BIOCOMPATIBLE HYDROGEL AND METHOD FOR THE PRODUCTION THEREOF  
• HYDROGEL BIOCOMPATIBLE POLY-FONCTIONNEL ET PROCEDE DE PRODUCTION ASSOCIE
- (71) BIOPHARMA DEVELOPMENT LTD [GB/GB]; Company Number 4217081, 788-790 Finchley Road London, London, NW11 7TJ (GB).  
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- (72, 75) LOPATIN, Vladislav Victorovich [RU/RU]; ul. 3-ya Frunzenskaya, 3-77, Moscow, 119270 (RU).
- (74) SADOVNIKOVA, Lyudmila Georgievna; M-nV, 32-50, Puschino, Moskovskaya obl., 142290 (RU).
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- (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 GQ GW ML MR NE SN TD TG).
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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MIXTURE FOR USE AS A PROTECTIVE DRESSING  
• MELANGE A UTILISER COMME PANSEMENT PROTECTEUR
- (71) MBS MULTINATION BUSINESS SERVICES (G.B.) LTD. [GB/GB]; 64 Peronnet House, Princess Street, London SE1 6JS (GB).  
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- (72, 75) HITE, Mark [US/US]; 3 Hounds Run Lane, Blue Bell, PA 19422 (US).
- (74) HASLER, Erich et al. / etc.; Riederer Hasler & Partner Patentanwälte AG, Elestastrasse 8, CH-7310 Bad Ragaz (CH).
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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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD OF PREPARING BASEMENT MEMBRANE, METHOD OF CONSTRUCTING BASEMENT MEMBRANE SPECIMEN, RECONSTITUTED ARTIFICIAL TISSUE USING THE BASEMENT MEMBRANE SPECIMEN AND PROCESS FOR PRODUCING THE SAME  
• PROCEDE DE FORMATION DE MEMBRANE BASALE, PROCEDE D'ELABORATION D'ECHANTILLON DE MEMBRANE BASALE, TISSU ARTIFICIEL RECONSTITUE UTILISANT CET ECHANTILLON, ET PROCEDE D'ELABORATION DE CE TISSU
- (71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).  
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- (72, 75) MOCHITATE, Katsumi [JP/JP]; 3-108-404, Takezono, Tsukuba-shi, Ibaraki 305-0032 (JP).
- (74) HIROTA, Masanori; 3F, Wakabayashi Building, 8-5, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • EPTFE COVERING FOR ENDOVASCULAR PROSTHESES

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- (71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).
- (72) HILL, Jason, Peter; 7333 Drew Avenue North, Brooklyn Park, MN 55442 (US). SOGARD, David, John; 5809 Concord Avenue, Edina, MN 55424-1712 (US). TSENG, David; 2807 Creekside Road, Santa Rosa, CA 95405 (US).
- (74) SCOLA, Daniel, A., Jr. et al. / etc.; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • POROUS CERAMIC COMPOSITE BONE GRAFTS
- GREFFONS OSSEUX CONSTITUES D'UN COMPOSITE CERAMIQUE PO-REUX
- (71) MILLENIUM BIOLOGIX, INC. [CA/CA]; 785 Midpark Drive, Suite 200, Kingston, Ontario K7M 7G3 (CA).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SMITH, Timothy, J., N. [CA/CA]; 47 Copperfield Drive, Kingston, Ontario K7M 1M3 (CA). HENDRY, Jason [CA/CA]; 228 Wellington St., Kingston, Ontario K7K 2Y8 (CA). PUGH, Sydney, M. [CA/CA]; 499 Maple Lawn Drive, Glenburnie, Ontario K0H 1S0 (CA). SMITH, Reginald [CA/CA]; 239 Alwington Place, Kingston, Ontario K7L 4P9 (CA).
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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 SI 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 IE IT LU MC NL PT SE 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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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MONOLAYER MODIFICATION TO GOLD COATED STENTS TO REDUCE ADSORPTION OF PROTEIN
- MODIFICATION MONOCOUCHE SUR DES ENDOPROTHESES VASCULAIRES PLAQUEES OR AFIN DE REDUIRE L'ADSORPTION DE PROTEINES
- (71) SCIMED LIFE SYSTEMS, INC. [US/US]; One SciMed Place, Maple Grove, MN 55311-1566 (US).  
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- (72, 75) YOU, Chuanting [US/US]; 8150 W. River Road #341, Brooklyn Park, MN 55444 (US).
- (74) RYAN-LINDQUIST, Lisa; VIDAS, ARRETT & STEINRKAUS, 6109 Blue Circle Drive, Suite 2000, Minnetonka, MN 55343-9185 (US).
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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 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).
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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • APPARATUS WITH TEMPERATURE CONTROL FOR IMPLANTABLE DEVICES
- APPLICATEUR A CONTROLE DE TEMPERATURE POUR DISPOSITIFS IMPLANTABLES
- (71) ADVANCED CARDIOVASCULAR SYSTEMS, INC. [US/US]; 3200 Lakeside Drive, Santa Clara, CA 95054 (US).
- (72) CHEN, Yung-Ming; 20200 Lucille Avenue, No. 63, Cupertino, CA 95014 (US). BOBSON, Charles, R.; 249 Woodbridge Circle,

- San Mateo, CA 94403 (US). LOPRETE, John, R.; 1944 Birch Avenue, San Carlos, CA 94403 (US).
- (74) KERRIGAN, Cameron et al. / etc.; Squire, Sanders & Dempsey L.L.P., 600 Hansen Way, Palo Alto, CA 94304-1043 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> A61L 31/12, 31/16, 29/12, 29/16, A61K 9/52, 33/00
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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • NITRIC OXIDE-RELEASING COATED MEDICAL DEVICES AND METHOD OF PREPARING SAME
- DISPOSITIFS MEDICAUX REVETUS A LIBERATION D'OXYDE NITRIQUE ET LEUR PROCEDE DE PREPARATION
- (71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA, represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; National Institutes of Health, Office of Technology Transfer, Suite 325, 6011 Executive Boulevard, Rockville, MD 20852-3804 (US).  
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- (72, 75) FITZHUGH, Anthony [US/US]; 2117 Independence Street, Frederick, MD 21702 (US). CHENG, Peiwen [US/US]; 366 Breeden Street, Santa Rosa, CA 95409 (US).
- (74) LOWE, Jeremy, C. et al. / etc.; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 North Stetson, Chicago, IL 60601-6780 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • COATED IMPLANTABLE MEDICAL DEVICE  
 • DISPOSITIF MEDICAL ENDUIT IMPLANTABLE  
 (71) COOK INCORPORATED [US/US]; 925 South Curry Pike, Bloomington, IN 47403 (US). MED INSTITUTE, INC. [US/US]; 1400 Cumberland Avenue, West Lafayette, IN 47906 (US).  
 (72) RAGHEB, Anthony, O.; 2719 Manchester Street, West Lafayette, IN 47906 (US). BATES, Brian, L.; 3718 Exeter Lane, Bloomington, IN 47401 (US). STEWART, Joseph, M., IV; 424 West Front Street, Delhi, IN 46923 (US). BOURDEAU, William, J.; 909 Teal Road, Lafayette, IN 47905 (US). CHOULES, Brian, D.; 11756 South Springboro Road, Brookston, IN 47923 (US). PURDY, James, D.; 2008 Perrine Street, Lafayette, IN 47905 (US). FEARNOT, Neal, E.; 3051 Hamilton Street, West Lafayette, IN 47906 (US).  
 (74) GODLEWSKI, Richard, J.; P.O. Box 2269, Bloomington, IN 47402-2269 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA 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 GQ GW ML MR NE SN TD TG).
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 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • CRYOPLASTY APPARATUS AND METHOD  
 • APPAREIL ET PROCEDE D'ANGIOPLASTIE CRYOGENIQUE  
 (71) GALIL MEDICAL LTD. [IL/IL]; Yokneam Industrial Park, P.O. Box 224, 20 692 Yokneam (IL).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) ZVULONI, Roni [IL/IL]; 67 Hantke Street, Haifa 34 608 (IL). BLIWEIS, Mordechai [IL/IL]; 31 Derech Yad LeBanim Street, 32 164 Haifa (IL). SCHECHTER, Doris [IL/IL]; 99 HaKovshim Street, 30 900 Zikhron Yakov (IL). AMIR, Uri [IL/IL]; Neve Savyon, 6 Almog Street, 60 405 Or Yehuda (IL). MCGLONE, James [US/US]; 95 Stratford Avenue, Garden City, NY 11530 (US).  
 (74) G. E. EHRlich (1995) LTD.; 28 Bezalel Street, 52 521 Ramat Gan (IL).  
 (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 SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61M  
 (11) WO 03/026720 (13) A2  
 (21) PCT/US02/23049  
 (22) 19 Jul/juil 2002 (19.07.2002)  
 (25) en (26) en  
 (30) 60/324,434 24 Sep/sep 2001 US (24.09.2001)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • SINGLE USE SYRINGE AND PLUNGER ROD LOCKING DEVICE THEREFOR  
 • SERINGUE A USAGE UNIQUE ET DISPOSITIF DE VERROUILLAGE DE TIGE DE PISTON CORRESPONDANT  
 (71) BECTON, DICKINSON AND COMPANY [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).  
 (72) LAU, Steven, Choon, Meng; 1A Ontario Avenue #03-02, Singapore 576190 (SG). CHUA, Chui, Khim; 425 Choa Chu Kang Avenue 3, #09-154, Singapore 680425 (SG). MOH, Yaohan; 678 Chao Chu Kang Crescent #05-626, Singapore 680678 (SG).  
 (74) VOELLMICKE, John, L.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZM 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61M  
 (11) WO 03/026721 (13) A2  
 (21) PCT/US02/30537  
 (22) 24 Sep/sep 2002 (24.09.2002)  
 (25) en (26) en  
 (30) 60/324,554 24 Sep/sep 2001 US (24.09.2001)  
 (30) 60/340,206 12 Dec/déc 2001 US (12.12.2001)  
 (30) 10/254,700 24 Sep/sep 2002 US (24.09.2002)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • BREATHING CIRCUITS HAVING UNCONVENTIONAL RESPIRATORY CONDUITS AND SYSTEMS AND METHODS FOR OPTIMISING UTILISATION OF FRESH GASES  
 • CIRCUIT RESPIRATOIRE A CONDUITS RESPIRATOIRES NON USUELS ET SYSTEMES ET PROCEDES OPTIMISANT L'UTILISATION DES GAZ FRAIS  
 (71, 72) FUKUNAGA, Atsuo, F. [JP/US]; P.O.Box 5101, Palos Verdes Peninsula, CA 90274 (US). FUKUNAGA, Alex, S. [US/US]; P.O.Box 5101, Palos Verdes Peninsula, CA 90274 (US). FUKUNAGA, Blanca, M. [US/US]; P.O.Box 5101, Palos Verdes Peninsula, CA 90274 (US).  
 (74) SCHEIN, Daniel, B.; Brinks Hofer Gilson & Lione, P.O.Box 10087, Chicago, IL 60610 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61M  
 (11) WO 03/026722 (13) A2  
 (21) PCT/US02/30894  
 (22) 27 Sep/sep 2002 (27.09.2002)  
 (25) en (26) en  
 (30) 60/325,707 27 Sep/sep 2001 US (27.09.2001)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • CARDIAC CATHETER IMAGING SYSTEM  
 • SYSTEME D'IMAGERIE POUR CATHETER CARDIAQUE  
 (71) BAYLOR COLLEGE OF MEDICINE [US/US]; 6565 Fannin Street, M941A, Houston, TX 77030 (US).  
 (72) KHOURY, Dirar, S.; Baylor College of Medicine, Dept. of Medicine, Section of Cardiology, 6565 Fannin Street, M941A, Houston, TX 77030 (US).



(74) HEADLEY, Tim et al. / etc.; Gardere Wynne Sewell LLP, 1000 Louisiana, Suite 3400, Houston, TX 77002-5007 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61M 1/10

(11) WO 03/026723 (13) A1

(21) PCT/IB02/01259

(22) 10 Apr/avr 2002 (10.04.2002)

(25) en (26) en

(30) 10-2001-0059410 25 Sep/sep 2001 KR (25.09.2001)

(30) 10/005,537 7 Dec/déc 2001 US (07.12.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CARDIOPULMONARY LIFE SUPPORT SYSTEM

• SYSTEME DE MAINTIEN DES FONCTIONS VITALES CARDIO-PULMONAIRES

(71) NEWHEART BIO CO., LTD. [KR/KR]; 128-4 Cheongpadong 3-ga, Yongsan-gu, Seoul 140-133 (KR).

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

(72, 75) MIN, Byoung, G. [KR/KR]; Ga-301 Skyroyalsanjang-Villa, 35-6 508-189 Jeongneung-dong, Seongbuk-gu, Seoul 130-100 (KR). WON, Yong, S. [KR/KR]; 606-302 Hanyang APT., Ssangmun-dong, Dobong-gu, Seoul 132-859 (KR). SUN, Kyung [KR/KR]; 116-302 Grandvill APT., Wogye-dong, Nowon-gu, Seoul 139-841 (KR). BAEK, Kwang, J. [KR/KR]; 1-604 Daeu APT., Godeok-dong, Gangdong-gu, Seoul 134-804 (KR). LEE, Hyuk, S. [KR/KR]; 2-ban 6-tong 13-99 Changcheon-dong, Seodaemun-gu, Seoul 120-833 (KR). ROH, Yang, R. [KR/KR]; 4-ban 1-tong 274-44 Jung-dong, Gunsan-si, Jeollabuk-do 753-280 (KR). HWANG, Chang, M. [KR/KR]; Myeongnyundong3-ga, 1-96 Jongno-gu, Seoul 110-521 (KR). LEE, Jung, C. [KR/KR]; 1302-ho 105-dong Mujigactown, Igok-dong, Dalseogu, Daegu-si 704-927 (KR). LEE, Whang, J. [KR/KR]; 201-ho 129-dong Suwon-Haniltown APT. 881, Jowon-dong, Jangan-gu, Suwon-si, Gyenggi-do 440-200 (KR).

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

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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 CH CY CZ DE DK EE 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)

(51)<sup>7</sup> A61M 1/36, A61L 2/00

(11) WO 03/026724 (13) A1

(21) PCT/US02/30634

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/325,460 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • RADIO FREQUENCY OR ELECTROMAGNETIC INFORMATION SYSTEMS AND METHODS FOR USE IN EXTRACORPOREAL BLOOD PROCESSING

• SYSTEME R.F. OU ELECTROMAGNETIQUE D'INFORMATION, ET PROCÉDES ASSOCIÉS DE TRAITEMENT DU SANG EXTRACORPOREL

(71) GAMBRO, INC. [US/US]; Intellectual Property Department, 10810 W. Collins Ave., Lakewood, CO 80215 (US).

(72) FLETCHER-HAYNES, Peter; 81 Saddle Horn Lane, Bailey, CO 80421 (US). CORBIN, Frank, III; 6700 W. Dorado Drive, #16, Littleton, CO 80123 (US).

(74) SCULL, Peter, B.; Gambro, Inc., Intellectual Property Department, 10810 W. Collins Ave., Lakewood, CO 80215 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61M 5/14

(11) WO 03/026725 (13) A1

(21) PCT/IP02/07591

(22) 26 Jul/juil 2002 (26.07.2002)

(25) ja (26) ja

(30) 2001-287689 20 Sep/sep 2001 JP (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • RETAINING NEEDLE WITH WING

• AIGUILLE DE RETENUE A AILETTES

(71) KABUSHIKI KAISHA TOP [JP/JP]; 19-10, Senjunakai-cho, Adachi-ku, Tokyo 120-0035 (JP).

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

(72, 75) SUZUKI, Takashi [JP/JP]; c/o KABUSHIKI KAISHA TOP, 19-10, Senjunakai-cho, Adachi-ku, Tokyo 120-0035 (JP).

(74) SATO, Tatsuhiko et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).

(81) SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> A61M 5/168

(11) WO 03/026726 (13) A1

(21) PCT/DK02/00616

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) PA 2001 01403 26 Sep/sep 2001 DK (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MODULAR DRUG DELIVERY SYSTEM

• SYSTEME D'ADMINISTRATION DE PRODUIT MODULAIRE

(71) NOVO NORDISK A/S [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).

(72) POULSEN, Jens, Ulrik; Virumgade 54 C, DK-2830 Virum (DK). KRAG-JENSEN, Christian; Gustav Adolfs Gade 10, 2 th, DK-2100 Copenhagen Ø (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 GB GD GE GH GM HR HU ID 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 SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)<sup>7</sup> A61M 5/172

(11) WO 03/026727 (13) A1

(21) PCT/NZ02/00193

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 514530 28 Sep/sep 2001 NZ (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • sETHOD AND APPARATUS FOR DELIVERY OF MEDICATION  
• PROCEDE ET APPAREIL D'ADMINISTRATION DE MEDICAMENT

(71) LIFEVENT LIMITED [NZ/NZ]; P.O. Box 5622, Dunedin (NZ).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHAW, Geoffrey, Mark [NZ/NZ]; 61 Idris Road, Christchurch (NZ).

(74) BUCHANAN, Elspeth, Victoria; P.L. Berry & Associates, P.O. Box 1250, Christchurch (NZ).

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

(51)<sup>7</sup> A61M 5/20, 5/158

(11) WO 03/026728 (13) A1

(21) PCT/DK02/00640

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) PA 2001 01411 27 Sep/sep 2001 DK (27.09.2001)

(30) 09/967,400 28 Sep/sep 2001 US (28.09.2001)

(30) 09/995,237 26 Nov/nov 2001 US (26.11.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • INJECTOR DEVICE FOR PLACING A SUBCUTANEOUS INFUSION SET  
• DISPOSITIF D'INJECTION DESTINE A PLACER UN EQUIPEMENT DE PER-FUSION SOUS-CUTANEE

(71) MAERSK MEDICAL A/S [DK/DK]; Åholmvej 2, Osted, DK-4000 Roskilde (DK).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOGENSEN, Lasse, Wesseltoft [DK/DK]; Jacob Bulls Allé 100, 1., DK-2860 Søborg (DK). GÖRANSSON, Magnus,

Walter [SE/SE]; Värmlandsgatan 12, S-214 28 Malmö (SE). KORNERUP, Grete [DK/DK]; Skovdalen 7, DK-4690 Haslev (DK).

(74) HOFMAN-BANG ZACCO A/S; Hans Bekkevolds Allé 7, DK-2900 Hellerup (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61M 5/32

(11) WO 03/026729 (13) A1

(21) PCT/US02/29313

(22) 17 Sep/sep 2002 (17.09.2002)

(25) en (26) en

(30) 09/962,240 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NEEDLE PROTECTION DEVICE WITH DAMPENER  
• DISPOSITIF DE PROTECTION D'AIGUILLE A AMORTISSEUR

(63) US 09/962,240 (CON) 26 Sep/sep 2001 (26.09.2001)

(71) PORTEX, INC. [US/US]; 10 Bowman Drive, Keene, NH 03431 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NGUYEN, Steven, Huu [US/US]; 111 Royal Court, Somerset, NJ 08873 (US).

(74) WOO, Louis; Law Offices of Louis Woo, 717 North Fayette Street, Alexandria, VA 22314 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL 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 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61M 16/00, 16/06

(11) WO 03/026730 (13) A1

(21) PCT/NZ02/00192

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 514474 25 Sep/sep 2001 NZ (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FLOW SWITCH  
• COMMUTATEUR D'ECOULEMENT

(71) FISHER & PAYKEL HEALTHCARE LIMITED [NZ/NZ]; 15 Maurice Paykel Place, East Tamaki, 1003 Auckland (NZ).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHAHBAZPOUR, Mehdi [IR/NZ]; 1-658 Remuera Road, Remuera, 1001 Auckland (NZ). TROUSDELL, Michael, John, Blood [NZ/NZ]; 17B Kenneth Avenue, Sandringham, 1001 Auckland (NZ). PRENTICE, Craig, Robert [NZ/NZ]; 95 Kiwi Esplanade, Mangere Bridge, 1003 Auckland (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61M 25/00, 5/158, 5/32

(11) WO 03/026731 (13) A1

(21) PCT/JP02/07382

(22) 22 Jul/juil 2002 (22.07.2002)

(25) ja (26) ja

(30) 2001-287688 20 Sep/sep 2001 JP (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SELF-RETAINING NEEDLE  
• AIGUILLE A RETENTION AUTOMATIQUE

(71) KABUSHIKI KAISHA TOP [JP/JP]; 19-10, Senjunakai-cho, Adachi-ku, Tokyo 120-0035 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUZUKI, Takashi [JP/JP]; c/o KABUSHIKI KAISHA TOP, 19-10, Senjunakai-cho, Adachi-ku, Tokyo 120-0035 (JP).

(74) SATO, Tatsuhiko et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).

(81) SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> A61M 37/00

(11) WO 03/026732 (13) A2

(21) PCT/US02/30993

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en  
(30) 60/325,522 28 Sep/sep 2001 US  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SWITCHABLE MICRONEEDLE ARRAYS AND SYSTEMS AND METHODS RELATING TO SAME  
• MATRICES DE MICROAIGUILLES COMMUTABLES, ET SYSTEMES ET PROCEDES ASSOCIES

(71) BIOVALVE TECHNOLOGIES, INC. [US/US]; One Innovation Drive, Three Biotech, Worcester, MA 01605-4307 (US).

(72) GONNELLI, Robert, R.; 52 James Brite Circle, Mahwah, NJ 07430 (US).

(74) KELLY, Edward, J.; Ropes & Gray, One International Place, Boston, MA 02110-2624 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61M 37/00, A61K 9/70

(11) WO 03/026733 (13) A2

(21) PCT/US02/31153

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 60/325,736 28 Sep/sep 2001 US  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MICRONEEDLE WITH MEMBRANE  
• MICRO-AIGUILLE A MEMBRANE

(71) BIOVALVE TECHNOLOGIES, INC. [US/US]; One Innovation Drive, Three Biotech, Worcester, MA 01605-4307 (US).

(72) GONNELLI, Robert, R.; 52 James Brite Circle, Mahwah, NJ 07430 (US).

(74) LEE, Agnes, S.; Ropes & Gray, One International Place, Boston, MA 02110-2624 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61N

(11) WO 03/026734 (13) A2

(21) PCT/US02/31169

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,975 28 Sep/sep 2001 US  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR SECURING AND/OR IDENTIFYING A LINK TO A PERCUTANEOUS PROBE  
• PROCEDE ET APPAREIL PERMETTANT DE FIXER ET/OU D'IDENTIFIER UN LIAISON A UNE SONDE PERCUTANEE

(71) VERTIS NEUROSCIENCE, INC. [US/US]; 2101 Fourth Avenue, Suite 200, Seattle, WA 98121 (US).

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

(72, 75) LEYDE, Kent [US/US]; 2036 223rd Place NE, Sammamish, WA 98074 (US). HARRIS, John, F. [US/US]; 14595 NE 57th Street, Bellevue, WA 98007 (US). LEONARD, Paul, C. [US/US]; 22132 NE 133rd Street, Woodville, WA 98072 (US). GLINER, Bradford, Evan [US/US]; 4368 238th Avenue SE, Sammamish, WA 98075 (US).

(74) WECHKIN, John, M.; Perkins Coie LLP, P.O. Box 1247, Seattle, WA 98111-1247 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61N

(11) WO 03/026735 (13) A2

(21) PCT/US02/31176

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,725 28 Sep/sep 2001 US  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR CONTROLLING PERCUTANEOUS ELECTRICAL SIGNALS  
• PROCEDE ET APPAREIL DE COMMANDE DE SIGNAUX ELECTRIQUES PERCUTANES

(71) VERTIS NEUROSCIENCE, INC. [US/US]; 2101 Fourth Avenue, Suite 200, Seattle, WA 98121 (US).

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

(72, 75) LEYDE, Kent [US/US]; 2036 223rd Place NE, Sammamish, WA 98074 (US). BISHAY, Jon, M. [US/US]; 16017 NE 169th Place, Woodinville, WA 98072 (US). HARRIS, John, F. [US/US]; 14595 NE 57th Street, Bellevue, WA 98007 (US).

(74) WECHKIN, John, M.; Perkins Coie LLP, P.O. Box 1247, Seattle, WA 98111-1247 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61N 1/00

(11) WO 03/026736 (13) A2

(21) PCT/US02/31170

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,982 28 Sep/sep 2001 US  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND IMPLANTABLE APPARATUS FOR ELECTRICAL THERAPY  
• PROCEDES ET APPAREIL IMPLANTABLE POUR THERAPIE ELECTRIQUE

(71) VERTIS NEUROSCIENCE, INC. [US/US]; 2101 Fourth Avenue, Suite 200, Seattle, WA 98121 (US).

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

(72, 75) FIRLIK, Andrew, D. [US/US]; 44 Still Road, Ridgefield, CT 06877 (US). LEVY, Alan, J. [US/US]; 5435 154th Avenue SE, Bellevue, WA 98006 (US). GLINER, Bradford, Evan [US/US]; 4368 230th Way SE, Sammamish, WA 98075 (US).

(74) HOTCHKISS, Edward S.; Perkins Coie LLP, P.O. Box 1247, Seattle, WA 98111-1247 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61N 1/18

(11) WO 03/026737 (13) A2

(21) PCT/US02/30116

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 09/962,494 25 Sep/sep 2001 US  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTI-ELECTRODE STIMULATION PARALLEL TO CARDIAC MYOFIBERS

• STIMULATION MULTI-ELECTRODE PARALLELE A DES MYOFIBRES CARDIAQUES

(71) QUETZAL BIOMEDICAL, INC. [US/US]; 3455 Main Avenue Suite 4, P.O. Box 8057, Durango, CO 81301 (US).

(72) SCHMIDT, John, A.; 238 Oak Drive, Durango, CO 81301 (US).

(74) MERKLING, John, R.; 310 South Yaupon Street, Richwood, TX 77531-2229 (US).

(81) AU JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AU JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61N 1/36

(11) WO 03/026738 (13) A1

(21) PCT/US02/31112

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,830 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND APPARATUS FOR ELECTRICALLY STIMULATING CELLS IMPLANTED IN THE NERVOUS SYSTEM

• PROCEDES ET APPAREIL PERMETTANT DE STIMULER ELECTRIQUEMENT DES CELLULES IMPLANTEES DANS LE SYSTEME NERVEUX

(71) VERTIS NEUROSCIENCE, INC. [US/US]; 2101 Fourth Avenue, Suite 200, Seattle, WA 98121 (US).

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

(72, 75) GLINER, Bradford, Evan [US/US]; 4368 230th Way SE, Sammamish, WA 98075 (US). LEVY, Alan, J. [US/US]; 5435 154th Avenue SE, Bellevue, WA 98006 (US). BALZER, Jeffrey [US/US]; 8176 Post Road, Allison Park, PA 15101 (US). FIRLIK, Andrew, D. [US/US]; 44 Still Road, Ridgefield, CT 06877 (US). SHEFFIELD, W., Douglas [US/US]; 6394 Roth Ridge, Loveland, OH 45150 (US).

(74) WECHKIN, John, M.; Perkins Coie LLP, P.O. Box 1247, Seattle, WA 98111-1247 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61N 1/36

(11) WO 03/026739 (13) A2

(21) PCT/US02/31128

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,872 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND APPARATUS FOR EFFECTUATING A LASTING CHANGE IN A NEURAL-FUNCTION OF A PATIENT

• PROCEDES ET APPAREIL PERMETTANT DE MODIFIER DURABLEMENT LA FONCTION NEURONALE D'UN PATIENT

(71) VERTIS NEUROSCIENCE, INC. [US/US]; 2101 Fourth Avenue, Suite 200, Seattle, WA 98121 (US).

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

(72, 75) SHEFFIELD, W., Douglas [US/US]; 6394 Roth Ridge, Loveland, OH 45150 (US). FIRLIK, Andrew, D. [US/US]; 44 Still Road, Ridgefield, CT 06877 (US).

(74) PARKER, Paul, T.; Perkins Coie LLP, P.O. Box 1247, Seattle, WA 98111-1247 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61N 1/362, 1/365, 1/37

(11) WO 03/026740 (13) A1

(21) PCT/US02/30414

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 09/962,852 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • EVOKED RESPONSE SENSING FOR ISCHEMIA DETECTION

• DETECTION DE POTENTIEL EVOQUE AUX FINS DE DETECTION D'ISCHEMIE

(71) CARDIAC PACEMAKERS, INC. [US/US]; 4100 Hamline Avenue North, St. Paul, MN 55112 (US).

(72) ZHU, Qingsheng; 3025 Valento Lane, Little Canada, MN 55117 (US).

(74) STEFFEY, Charles, E. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61N 1/362, 1/05

(11) WO 03/026741 (13) A1

(21) PCT/US02/30443

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 09/964,308 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND SYSTEM FOR ENDOTRACHEAL/ESOPHAGEAL STIMULATION PRIOR TO AND DURING A MEDICAL PROCEDURE

• PROCEDE ET SYSTEME PERMETTANT DE REALISER UNE STIMULATION ENDOTRACHEALE/OESOPHAGIENNE AVANT ET PENDANT UN ACTE MEDICAL

(71) MEDTRONIC, INC. [US/US]; LC 340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(72) HILL, Micheal, R.S.; 121 Franklin Avenue, Minneapolis, MN 55404 (US). JAHNS, Scott, E.; 923 3rd Street, Hudson, WI 54016 (US). KEOGH, James, R.; 1201 Frank Court, Maplewood, MN 55109 (US). EULER, David, E.; 2220 South Plymouth Road, Minnetonka, MN 55305 (US). UJHELYI, Michael, R.; 9317 Tewsberg Gate North, Maple Grove, MN 55311 (US). RAKOW, Nancy; 21230 Blackfoot Street Northwest, Oak Grove, MN 55303 (US). COLSON, Michael, A.; 5152 Thomas Avenue South, Minneapolis, MN 55410 (US).

(74) BERRY, Thomas, G. et al. / etc.; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5601 (US).

(81) CA JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> A61N 5/067

(11) WO 03/026742 (13) A1

(21) PCT/RU02/00010

(22) 17 Jan/jan 2002 (17.01.2002)

- (25) ru (26) ru  
(30) 2001126327 28 Sep/sep 2001 RU  
(28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ULTRAVIOLET LASER DEVICE FOR CURING DISEASES ACCOMPANIED BY PYOSIS  
• APPAREIL A LASER ULTRAVIOLET POUR LE TRAITEMENT DE MALADIES ACCOMPAGNEES DE PROCESUS PURULENTS
- (71) ZAKRYTOE AKTSIONERNOE OBSHCHESTVO "ENERGO-MASHTEKHNIKA" [RU/RU]; Protopopovskiy per., 25-A, Moscow, 129010 (RU).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) APOLLONOV, Viktor Viktorovich [RU/RU]; ul. Dmitriya Ulyanova, 3-147, Moscow, 117333 (RU). KONSTANTINOV, Konstantin Vladimirovich [RU/RU]; obl. Lytkarino, kvartal 3A, 21-97, Moskovskaya obl., 140061 (RU). PROKHOROV, Alexandr Mikhailovich [RU/RU]; ul. Zvenigorodskaya, 14a-10, Moscow, 121433 (RU).
- (74) FIRM "PATENT SERVICES CENTRE"; ul. Miklukho-Maklaya, 55a, Moscow, 117279 (RU).
- (81) CN DE GB IL JP KR US.
- 
- (51)<sup>7</sup> A61P  
(11) WO 03/026743 (13) A2  
(21) PCT/US02/30393  
(22) 25 Sep/sep 2002 (25.09.2002)  
(25) en (26) en  
(30) 60/324,546 26 Sep/sep 2001 US  
(26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • OPIOID FORMULATIONS HAVING REDUCED POTENTIAL FOR ABUSE  
• FORMULATIONS D'OPIOIDES PRESENTANT UN POTENTIEL REDUIT POUR DES UTILISATIONS ABUSIVES
- (71) PENWEST PHARMACEUTICALS COMPANY [US/US]; 2981 Route 22, Patterson, NY 12563-9770 (US).
- (72) BAICHWAL, Anand, R.; 5 Kendall Drive, Wappingers Falls, NY 12590 (US). MCCALL, Troy, W.; 8861 Three Chimneys Drive East, Germantown, TN 38138 (US). WOODCOCK, Paul, M.; 31 Mist Hill Drive, Brookfield, CT 06804 (US).
- (74) SUPERKO, Colleen et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61P  
(11) WO 03/026744 (13) A1  
(21) PCT/US02/30393  
(22) 25 Sep/sep 2002 (25.09.2002)  
(25) en (26) en  
(30) 60/324,663 25 Sep/sep 2001 US  
(25.09.2001)
- (30) 60/324,689 25 Sep/sep 2001 US  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • THE USE OF EPOTHILONES AND ANALOGS IN CONJUNCTION WITH OPHTHALMIC SURGERY  
• UTILISATION D'EPOTHILONES ET ANALOGUES EN CHIRURGIE OPHTHALMIQUE
- (71) ALCON, INC. [CH/CH]; Bosch 69, CH-6331 Hünenberg (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KLIMKO, Peter, G. [US/US]; 2115 Pembroke Drive, Fort Worth, TX 76110 (US).
- (74) COPELAND, Barry, L. et al. / etc.; Intellectual Property Law and R & D Counsel, Alcon Research, LTD. (Q-148), 6201 South Freeway, Fort Worth, TX 76134-2099 (US).
- (81) AU BR CA CN JP KP KR MX PL US ZA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> A62D 3/00, B01J 19/00  
(11) WO 03/026745 (13) A1  
(21) PCT/JP01/08172  
(22) 20 Sep/sep 2001 (20.09.2001)  
(25) ja (26) ja  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND APPARATUS FOR RENDERING POLYCHLORINATED BIPHENYL HARMLESS  
• PROCEDE ET APPAREIL PERMETTANT DE RENDRE DU BIPHENYLE POLYCHLORINE INOFFENSIF
- (71) ANZAI, Setsu [JP/JP]; 2-2-16-103, Mita, Minatoku, Tokyo 108-0073 (JP).
- (72) KATAYAMA, Hideo; 3-39-4, Kamiikegami, Ootaku, Tokyo 145-0064 (JP).
- (81) AU BR CA CN DE GB KR MX NZ RU SG.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)<sup>7</sup> A63B  
(11) WO 03/026746 (13) A2  
(21) PCT/IL02/00778  
(22) 19 Sep/sep 2002 (19.09.2002)  
(25) en (26) en  
(30) 145591 24 Sep/sep 2001 IL  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MAN-MACHINE INTERFACE IMPROVEMENT  
• AMELIORATION D'INTERFACE HOMME-MACHINE
- (71, 72) ROGOZINSKI, Joseph [IL/IL]; 14 Motza Street, 52366 Ramat Gan (IL).
- (74) KLEIN, David; Dekel Patent Ltd., Beit HaRof'im, 18 Menuha VeNahala Street, Room 27, 76209 Rehovot (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A63B 69/36, 53/04, 53/06  
(11) WO 03/026747 (13) A1  
(21) PCT/US02/30153  
(22) 23 Sep/sep 2002 (23.09.2002)  
(25) en (26) en  
(30) 09/966,211 27 Sep/sep 2001 US  
(27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • GOLF CLUBHEAD FOR PUTTING OR STRIKING A GOLF BALL  
• TETE DE CLUB DE GOLF POUR LE PUTTING ET LES COUPS FRAPPES SUR UNE BALLE DE GOLF
- (71, 72) ASHTON, David, Perry [US/US]; 226-C Mount Hermon Road, Scotts Valley, CA 95066 (US).
- (74) TRAN, Bao; Tran & Associates, 6768 Meadow Vista Court, San Jose, CA 95135 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A63B 71/10  
(11) WO 03/026748 (13) A1  
(21) PCT/US02/14856  
(22) 8 May/mai 2002 (08.05.2002)  
(25) en (26) en  
(30) 09/853,010 11 May/mai 2001 US  
(11.05.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)

(54) • TWO PIECE HELMET WITH OPTIONAL AIRBAG

- CASQUE EN DEUX PIECES AVEC COUSSIN GONFLABLE FACULTATIF

(71, 72) SHERIDAN, Patrick [US/US]; 2009-1/2 Alberta Avenue, Venice, CA 90291 (US).

(74) BELASCO, David, A.; Belasco Jacobs & Townsley, LLP, Suite 330, 100 Corporate Pointe, Culver City, CA 90230 (US).

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

(51)<sup>7</sup> A63E 13/00, 9/24, G60E 17/00, 19/00

(11) WO 03/026749 (13) A1

(21) PCT/US02/31931

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 09/967,517 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • GAMING DEVICE WITH WRITE ONLY MASS STORAGE

- DISPOSITIF DE JEU A STOCKAGE DE MASSE EN ECRITURE SEULE

(71) IGT [US/US]; A Nevada Corporation, 9295 Prototype Drive, Reno, NV 89521 (US).

(72) SCHLOTTMANN, Greg, A.; 4360 Match, Reno, NV 89502 (US).

(74) MILLER, Chad, W.; Weide & Miller, LTD., Suite 1130, 330 South 3rd Street, Las Vegas, NV 89101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A63F

(11) WO 03/026750 (13) A2

(21) PCT/US02/30247

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/963,721 26 Sep/sep 2001 US (26.09.2001)

(30) 10/158,545 29 May/mai 2002 US (29.05.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • GAMING DEVICE HAVING AN ACCUMULATING AWARD SYMBOL

- DISPOSITIF DE JEU DOTE D'UN SYMBOLE D'ACCUMULATION DE PRIMES

(71) IGT [US/US]; 9295 Prototype Drive, Reno, NV 89521-8986 (US).

(72) MIERAU, Marc; 4056 Kings Row, Reno, NV 89503 (US). CREGAN, Karen, M.; 3650 Landing Drive, Reno, NV 89502 (US). BAERLOCHER, Anthony, J.; 3339 Skyline Drive, Reno, NV 89509 (US).

(74) MASIA, Adam, H.; Bell, Boyd & Lloyd LLC, P.O. Box 1135, Chicago, IL 60690-1135 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A63F 1/12

(11) WO 03/026751 (13) A1

(21) PCT/US02/31099

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/967,502 28 Sep/sep 2001 US (28.09.2001)

(30) 10/128,532 23 Apr/avr 2002 US (23.04.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CARD SHUFFLING APPARATUS WITH AUTOMATIC CARD SIZE CALIBRATION

- DISPOSITIF POUR BATTRE LES CARTES A MESURE AUTOMATIQUE DE LA TAILLE DES CARTES

(71) SHUFFLE MASTER, INC. [US/US]; 1106 Palms Airport Drive, Las Vegas, NV 89119 (US).

(72) GRAUZER, Attila; 333 East Eldorado Lane, Las Vegas, NV 89123 (US). BOURBOUR, Feraidoon; 2885 Knox Avenue South #808, Minneapolis, MN 55408 (US). KELLY, James, V.; 9460 Corato Street, Las Vegas, NV 89123 (US). NELSON, Troy, D.; 21898 181st Street, Big Lake, MN 55309 (US). SCHEPER, Paul, K.; 8246 Drexel Court, Eden Prairie, MN 55347 (US). STASSON, James, B.; 2461 Bridle Creek Trail, Chanhassen, MN 55317 (US). SWANSON, Ronald, R.; 12430 52nd Avenue, Plymouth, MN 55443 (US).

(74) FARRAR, Jennifer, K.; Shuffle Master, Inc., 1106 Palms Airport Drive, Las Vegas, NV 89119 (US).

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

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A63F 3/00

(11) WO 03/026752 (13) A1

(21) PCT/GB02/03507

(22) 31 Jul/juil 2002 (31.07.2002)

(25) en (26) en

(30) 0123152.1 25 Sep/sep 2001 GB (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CARD GAMES

- JEUX DE CARTES

(71) ARC PROMOTIONS UK LTD. [GB/GB]; 23 Queen Mary Avenue, Camberley, Surrey GU15 3BL (GB).

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

(72, 75) CHAPMAN, Anthony, R. [GB/GB]; 23 Queen Mary Avenue, Camberley, Surrey GU15 3BL (GB).

(74) HARMAN, Michael, Godfrey; M G Harman & Co., Holmwood, 37 Upper Park Road, Camberley, Surrey, GU15 2EG (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

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

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

(51)<sup>7</sup> A63F 3/06, 13/00

(11) WO 03/026753 (13) A1

(21) PCT/AU02/00859

(22) 5 Jul/juil 2002 (05.07.2002)

(25) en (26) en

(30) PR 7915 25 Sep/sep 2001 AU (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SPORTS LOTTO

- LOTO SPORTIF

(71) IMAGINATION HOLDINGS PTY LTD [AU/AU]; 64 North Terrace, Kent Town, South Australia 5067 (AU).

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

(72, 75) YEEND, Shane, Antony [AU/AU]; 64 North Terrace, Kent Town, South Australia 5067 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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).

- (51)<sup>7</sup> A63F 5/00, G07F 17/32  
(11) WO 03/026754 (13) A1  
(21) PCT/IB02/03859  
(22) 19 Sep/sep 2002 (19.09.2002)  
(25) en (26) en  
(30) 0122798.2 21 Sep/sep 2001 GB (21.09.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)  
(54) • GAMING APPARATUS AND METHOD  
• APPAREIL ET METHODE DE JEU

- (71) WATERLEAF LIMITED [GB/GB]; Victoria House, 26 Victoria Street, Douglas, Isle of Man, IM1 2LE (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) MOSHAL, Martin [ZA/GB]; c/o 69 Athol Street, Douglas, Isle of Man, IM1 1JE (GB).

- (74) JOHN & KERNICK; P.O. Box 3511, Halfway House, 1685 Midrand (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VU 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> A63F 9/00, 7/00  
(11) WO 03/026755 (13) A1  
(21) PCT/CA01/01372  
(22) 27 Sep/sep 2001 (27.09.2001)  
(25) en (26) en  
(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • PIVOTING BOARD GAME  
• PLATEAU DE JEU PIVOTANT

- (71, 72) NICHOLLS, Paul, Kenneth [CA/CA]; 108 Church Street, Upper Apartment, St. Catharines, Ontario L2R 3C8 (CA).

- (74) HOFBAUER, Patrick, J.; Hofbauer Associates, Suite 205N, 1455 Lakeshore Road, Burlington, Ontario L7S 2J1 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA 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 GQ GW ML MR NE SN TD TG).

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

- (51)<sup>7</sup> A63F 9/24  
(11) WO 03/026756 (13) A1  
(21) PCT/US02/28129  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) en (26) en  
(30) 09/967,745 28 Sep/sep 2001 US (28.09.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)  
(54) • GAMING DEVICE AND METHOD  
• DISPOSITIF ET PROCEDE DE JEUX

- (71) CASINO DATA SYSTEMS [—/US]; 7230 Amigo Street, Las Vegas, NV 89118 (US).

- (72) WEISS, Laurence; 7230 Amigo Street, Las Vegas, NV 89118 (US). WEISS, Steven, A.; 7230 Amigo Street, Las Vegas, NV 89118 (US). STONE, Jay; 7230 Amigo Street, Las Vegas, NV 89118 (US). TEMPEST, Kim; 7230 Amigo Street, Las Vegas, NV 89118 (US).

- (74) KRETEN, Bernhard; Bernhard Kreten, Esq. & Associates, 300 Capitol Mall, Suite 1100, Sacramento, CA 95814 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> A63F 9/24  
(11) WO 03/026757 (13) A1  
(21) PCT/US02/31936  
(22) 25 Sep/sep 2002 (25.09.2002)  
(25) en (26) en  
(30) 09/965,908 27 Sep/sep 2001 US (27.09.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD AND SYSTEM FOR FUNDING AND AWARDING BONUSES IN A GAMING ENVIRONMENT  
• PROCEDE ET SYSTEME POUR L'ETABLISSEMENT ET L'OCTROI DE PRIMES DANS UN ENVIRONNEMENT DE JEU DE HASARD

- (71) IGT [US/US]; 9295 Prototype Drive, Reno, NV 89521 (US).

- (72) ROWE, Rick; 2312 N. Green Valley Pkwy, #925, Henderson, NV 89014 (US).

- (74) WEIDE, R., Scott; Weide & Miller, Ltd., 330 South 3rd Street, Suite 1130, Las Vegas, NV 89101 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> A63F 13/00  
(11) WO 03/026758 (13) A1  
(21) PCT/US02/29059  
(22) 13 Sep/sep 2002 (13.09.2002)  
(25) en (26) en  
(30) 09/960,880 21 Sep/sep 2001 US (21.09.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)  
(54) • GAMING DEVICE HAVING WAGER DEPENDENT BONUS GAME PLAY  
• DISPOSITIF DE JEU AYANT UN JEU A BONUS EN FONCTION DES PARIS

- (71) IGT [US/US]; 9295 Prototype Drive, Reno, NV 89521-8986 (US).

- (72) BAERLOCHER, Anthony, J.; 3339 Skyline Boulevard, Reno, NV 89509 (US).

- (74) MASIA, Adam, H.; Bell, Boyd & Lloyd, LLC, P.O. Box 1135, Chicago, IL 60690-1135 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> A63F 13/00  
(11) WO 03/026759 (13) A1  
(21) PCT/US02/30166  
(22) 22 Sep/sep 2002 (22.09.2002)  
(25) en (26) en  
(30) 09/963,974 26 Sep/sep 2001 US (26.09.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)  
(54) • GAMING DEVICE HAVING AN ADJACENT SELECTION BONUS SCHEME

- APPAREIL DE JEU COMPRENANT UN MECANISME DE SELECTION DE BONUS ADJACENTS
- (71) IGT [US/US]; 9295 Prototype Drive, Reno, NV 89521-8986 (US).
- (72) CUDDY, Randy, W.; 78 Stagecoach Court, Reno, NV 89511 (US). BAERLOCHER, Anthony, J.; 3339 Skyline Boulevard, Reno, NV 89509 (US). KAMINKOW, Joseph, E.; 35 Sharps Circle, Reno, NV 89509 (US). BLOMQUIST, Cari, L.; 10270 Wolf Ridge Way, Reno, NV 89511 (US).
- (74) MASIA, Adam, H.; Bell, Boyd & Lloyd, LLC, P.O. Box 1135, Chicago, IL 60690-1135 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A63F 13/00, 9/24, G06F 17/00, 19/00
- (11) WO 03/026760 (13) A1
- (21) PCT/US02/30167
- (22) 22 Sep/sep 2002 (22.09.2002)
- (25) en (26) en
- (30) 09/964,102 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • GAMING DEVICE WITH WILD ACTIVATION SYMBOLS AND WILD TERMINATION SYMBOLS
- APPAREIL DE JEUX DE HASARD PRESENTANT DES SYMBOLES D'ACTIVATION "JOKER" ET DES SYMBOLES D'ARRET "JOKER"
- (71) IGT [US/US]; 9295 Prototype Drive, Reno, NV 89521-8986 (US).
- (72) BAERLOCHER, Anthony, J.; 3339 Skyline Boulevard, Reno, NV 89509 (US). KAMINKOW, Joseph, E.; 35 Sharps Circle, Reno, NV 89509 (US). GLAVICH, Paulina; 2736 Caballo Drive, Reno, NV 89502 (US).
- (74) MASIA, Adam, H.; Bell, Boyd & Lloyd, LLC, P.O. Box 1135, Chicago, IL 60690-1135 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A63F 13/00
- (11) WO 03/026760 (13) A1
- (21) PCT/US02/30939
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 09/967,033 28 Sep/sep 2001 US (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • IMAGE ALIGNMENT GAMING DEVICE & METHOD
- DISPOSITIF ET PROCEDURE DE JEU A ALIGNEMENT D'IMAGES
- (71) ATLANTIC CITY COIN & SLOT SERVICE COMPANY, INC. [US/US]; 201 West Decatur Avenue, Pleasantville, NJ 08232 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEELIG, Jerald, C. [US/US]; 201 West Decatur Avenue, Pleasantville, NJ 08232 (US). HENSHAW, Lawrence, M. [US/US]; 201 West Decatur Avenue, Pleasantville, NJ 08232 (US).
- (74) TONG, Rolando, J. et al. / etc.; Ian F. Burns & Associates Inc., 1575 Delucchi Lane, Suite 222, Reno, NV 89502 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL
- IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A63F 13/00, 9/24, G06F 17/00, 19/00
- (11) WO 03/026763 (13) A1
- (21) PCT/US02/31105
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en
- (30) 09/967,500 28 Sep/sep 2001 US (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CASINO TABLE MONITORING/TRACKING SYSTEM
- SYSTEME DE SURVEILLANCE/REPERAGE DE TABLE DE CASINO
- (71) SHUFFLE MASTER, INC. [US/US]; 1106 Palms Airport Drive, Las Vegas, NV 89119 (US).
- (72) GRAUZER, Attila; 333 East Eldorado Lane, Las Vegas, NV 89123 (US). LOPEZ, David, B.; 11279 Castle Lane Drive, Las Vegas, NV 89141 (US).
- (74) FARRAR, Jennifer, K.; Shuffle Master, Inc., 1106 Palms Airport Drive, Las Vegas, NV 89119 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)<sup>7</sup> A63F 13/12
- (11) WO 03/026764 (13) A2
- (21) PCT/JP02/09650
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) ja (26) ja
- (30) 2001-284335 19 Sep/sep 2001 JP (19.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ON-LINE GAME METHOD
- METHODE DE JEU EN LIGNE
- (71) KABUSHIKI KAISHA EIGHTING [JP/JP]; 23-1, Ohi 1-Chome, Shinagawa-ku, Tokyo 140-0014 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUJISAWA, Tomonori [JP/JP]; c/o Kabushiki Kaisha Eighting, 23-1,



Ohi 1-Chome, Shinagawa-ku, Tokyo 140-0014 (JP). SATOU, Shouji [JP/JP]; 635, Sakae-cho, Kuroiso-shi, Tochigi 325-0000 (JP).

(74) ISHIDA, Masahisa; 28-10, Sannoh 1-chome, Ohta-ku, Tokyo 143-0023 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (i)

(51)<sup>7</sup> A63G 1/30

(11) WO 03/026765 (13) A1

(21) PCT/NL02/00596

(22) 19 Sep/sep 2002 (19.09.2002)

(25) nl (26) en

(30) 1018983 19 Sep/sep 2001 NL (19.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ROUNDABOUT FOR A FAIRGROUND OR AMUSEMENT PARK  
• MANEGE POUR FETES FORAINES ET PARCS D'ATTRACTIONS

(71) COBRA BEHEER B.V. [NL/NL]; Parallelweg 35, NL-7161 AE Neede (NL).  
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(72, 75) JORRITSMA, Ronald, Hendrick [NL/NL]; K. Haaksbergerstraat 43-516, NL-7511 JV Enschede (NL). KROON, Luisito, Johannes, Eusebio [NL/NL]; Parallelweg 35, NL-7161 AE Neede (NL).

(74) JORRITSMA, Ruurd 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A63H 3/28

(11) WO 03/026766 (13) A1

(21) PCT/US02/29745

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 60/324,080 21 Sep/sep 2001 US (21.09.2001)

(30) 10/251,314 20 Sep/sep 2002 US (20.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SENSOR SWITCH ASSEMBLY  
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(71) MATTEL, INC. [US/US]; 333 Continental Boulevard, El Segundo, CA 90245 (US).  
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(72, 75) TSUI, Sam [—/—]; Rm 2006, Tung Shing Court, Shau Ki Wan, Hong Kong (HK).

(74) HALL, David, E.; Kolisch Hartwell, P.C., 520 S.W. Yamhill Street, Suite 200, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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 03/026767 (13) A2

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(25) en (26) en

(30) 60/325,803 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LYSIN-DEFICIENT BACTERIOPHAGES HAVING REDUCED IMMUNOGENICITY

• BACTERIOPHAGES DEFICIENTS EN LYSINE A IMMUNOGENICITE REDUITE

(71) GANGAGEN, INC. [US/US]; 3279 Emerson Street, Palo Alto, CA 94306 (US).  
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(72, 75) RAMACHANDRAN, Janakiraman [US/US]; 3279 Emerson Street, Palo Alto, CA 94306 (US). PADMANABHAN, Sriram [IN/IN]; Flat #F3, 122/B, 6th Main Road, Postal Colony Layout, Sanjaynagar, 560 094 Bangalore (IN). SRIRAM, Bharathi [IN/IN]; Flat #F3, 122/B, 6th Main Road, Postal Colony Layout, Sanjaynagar, 560 094 Bangalore (IN).

(74) FRANCIS, Carol, L.; Bozicevic, Field & Francis LLP, 200 Middlefield Road, Suite 200, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D

(11) WO 03/026768 (13) A2

(21) PCT/US02/19763

(22) 21 Jun/juin 2002 (21.06.2002)

(25) en (26) en

(30) 09/965,688 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR PROCESSING WET MATERIAL  
• PROCEDE ET DISPOSITIF POUR LE TRAITEMENT DE MATERIAU HUMIDE

(71) GLOBAL RESOUCRE RECOVERY ORGANIZATION, INC. [US/US]; 6150 State Road 70 East, Suite 14, Bradenton, FL 34203 (US).

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(72, 75) BALVANZ, Loran [US/US]; 6150 State Road 70 East, Bradenton, FL 34203 (US). DEGARMO, Richard [US/US]; 2802 Ridgedale Drive, Kingwood, TX 77345 (US). GIBSON, Stan [US/US]; 6150 State Road 70 East, Bradenton, FL 34203 (US).

(74) ROSENBERG, Daniel; Davis, Brown, Koehn, Shors & Roberts, P.C., Suite 2500, The Financial Center, 666 Walnut Street, Des Moines, IA 50309 (US).

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

(51)<sup>7</sup> B01D

(11) WO 03/026769 (13) A2

(21) PCT/US02/28137

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/960,704 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS FOR STERILIZING PREPARATIONS OF GLYCOSIDASES

• METHODES DE STERILISATION DE PREPARATIONS DE GLYCOSIDASES

(71) CLEARANT, INC. [US/US]; 11111 Santa Monica Boulevard, Suite 650, Los Angeles, CA 90025 (US).

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**MANN, David, M.** [US/US]; 7430 Brenish Drive, Gaithersburg, MD 20879 (US).  
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(74) **FLESHNER, Mark, L.** et al. / etc.; Fleshner & Kim, LLP, P.O. Box 221200, Chantilly, VA 20153-1200 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 15/00

(11) WO 03/026770 (13) A1

(21) PCT/US02/30074

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 60/324,414 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR REMOVING METAL FROM THE PRODUCTS OF OLEFIN METATHESIS REACTIONS

• PROCEDE D'ELIMINATION DU METAL DES PRODUITS DE METATHESSES OLEFINIQUES

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).

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(72, 75) **CONDE, Jose, J.** [CA/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).

(74) **HALL, Linda, E.**; UW2220, 709 Swedeland Road, King Of Prussia, PA 10406 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B01D 15/00, C02F 1/28

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(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/325,265 26 Sep/sep 2001 US (26.09.2001)

(30) 10/255,364 25 Sep/sep 2002 US (25.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ARSENIC REMOVAL FROM AQUEOUS MEDIA USING CHEMICALLY TREATED ZEOLITE MATERIALS

• ELIMINATION D'ARSENIC D'UN SUPPORT AQUEUX AU MOYEN DE ZEOLITES TRAITEES CHIMIQUEMENT

(71) **WATER REMEDIATION TECHNOLOGY LLC** [US/US]; Suite 100, 5460 Ward Road, Arvada, CO 80002 (US).

(72) **LITZ, John, E.**; 11010 West 29th Avenue, Lakewood, CO 80215 (US). **WILLIAMS, Charles, S.**; 18002 West 53rd Lane, Golden, CO 80403 (US).

(74) **PRENDERGAST, Paul** et al. / etc.; Dorsey & Whitney LLP, Suite 4700, 370 Seventeenth Street, Denver, CO 80202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(r) for all designations / pour toutes les designations

(51)<sup>7</sup> B01D 15/02

(11) WO 03/026772 (13) A2

(21) PCT/US02/30786

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,688 27 Sep/sep 2001 US (27.09.2001)

(30) 60/333,725 27 Nov/nov 2001 US (27.11.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • VERSATILE SIMULATED MOVING BED SYSTEMS

• SYSTEMES DE LITS MOBILES SIMULES POLYVALENTS

(71) **PURDUE RESEARCH FOUNDATION** [US/US]; 1291 Cumberland Avenue, West Lafayette, IN 47906 (US).

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

(72, 75) **WANG, Nien-Hwa, Linda** [US/US]; 20 Brynteg, West Lafayette, IN 47906 (US). **CHIN, Chim, Yong** [MY/US]; 3008 Courthouse Dr. #2B, West Lafayette, IN 47906 (US).

(74) **SULLIVAN, Clark, G.**; King & Spalding, 191 Peachtree Street, Atlanta, GA 30303 (US).

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

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 27/08, 29/07, 35/30

(11) WO 03/026773 (13) A1

(21) PCT/US02/30208

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/961,474 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FILTRATION DEVICE AND SYSTEM FOR BIOLOGICAL FLUIDS

• DISPOSITIF ET SYSTEME DE FILTRATION DE FLUIDES BIOLOGIQUES

(71) **WHATMAN-HEMASURE INC.** [US/US]; 140 Locke Drive, Marlborough, MA 07152 (US).

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(72, 75) **SUTCLIFFE, Peter, C.** [US/US]; 20 Blake's Hill Road, Westford, MA 01886 (US).

(74) **HUTTON, Brett, M.** et al. / etc.; Heslin Rothenberg Farley & Mesiti P.C., 5 Columbia Circle, Albany, NY 12203 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 53/00, G01N 30/00

(11) WO 03/026774 (13) A1

(21) PCT/US02/30232

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/961,802 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD FOR DETERMINING AND CONTROLLING CONTAMINATION

• SYSTEME ET PROCEDE PERMETTANT DE DETERMINER ET DE REGULER LA CONTAMINATION

(71) **EXTRACTION SYSTEMS, INC.** [US/US]; 10 Forge Park, Franklin, MA 02038 (US).

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(72, 75) **KISHKOVICH, Oleg**, P. [US/US]; 45A Austin Street, Greenville, RI 02828 (US). **KINKEAD, Devon** [US/US]; 86 Briarcliff Lane, Holliston, MA 01746 (US). **PHELPS, Mark**, C. [US/US]; 377 Handy Street, Attleboro, MA 02703 (US). **GOODWIN, William**, M. [US/US]; 5 Brookside Road, Medway, MA 02052 (US).

(74) **HOOVER, Thomas, O.** et al. / etc.; Bowditch & Dewey, LLP, 161 Worcester Road, P.O. Box 9320, Framingham, MA 01701-9320 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 53/22, 69/14

(11) WO 03/026775 (13) A1

(21) PCT/IB02/03801

(22) 16 Sep/sep 2002 (16.09.2002)

(25) en (26) en

(30) 09/960,194 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • GAS SEPARATION MEMBRANE WITH ORGANOSILICON-TREATED MOLECULAR SIEVES  
• MEMBRANE DE SEPARATION DE GAZ AVEC TAMIS MOLECULAIRES ORGANOSILICIQUES

(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- Paris (FR).

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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 SI 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 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).

PT SE 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> B01D 53/22

(11) WO 03/026776 (13) A1

(21) PCT/US02/09351

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/967,172 27 Sep/sep 2001 US (27.09.2001)

(30) 10/067,275 4 Feb/fév 2002 US (04.02.2002)

(30) 10/086,680 28 Feb/fév 2002 US (28.02.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HYDROGEN PURIFICATION DEVICES, COMPONENTS AND FUEL PROCESSING SYSTEMS CONTAINING THE SAME  
• DISPOSITIFS DE PURIFICATION D'HYDROGENE, COMPOSANTS ET SYSTEMES DE TRAITEMENT A COMBUSTIBLE COMPRENANT CES DISPOSITIFS

(71) **IDATECH, LLC** [US/US]; P.O. Box 5339, Bend, OR 97708-5339 (US).  
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(74) **D'ASCENZO, David, S.**; Kolisch, Hartwell, Dickinson, McCormack & Heuser, PC, Suite 200, 520 S.W. Yamhill Street, Portland, OR 97204 (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 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).

(51)<sup>7</sup> B01D 53/94, F01N 3/20, 3/36

(11) WO 03/026777 (13) A1

(21) PCT/DE02/02573

(22) 13 Jul/juil 2002 (13.07.2002)

(25) de (26) de

(30) 101 46 319.7 20 Sep/sep 2001 DE (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE FOR SECONDARY TREATMENT OF EXHAUST GASES  
• DISPOSITIF DE TRAITEMENT ULTE-RIEUR DES GAZ D'ÉCHAPPEMENT

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).  
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(72, 75) **SCHALLER, Johannes** [DE/DE]; Poststrasse 34, 71229 Leonberg (DE). **BAREIS, Marc** [DE/DE]; Paulinenstrasse 35/1, 71706 Markgroeningen (DE). **HARNDORF, Horst** [DE/DE]; Auenweg 25, 71701 Schwieberdingen (DE). **KHATCHIKIAN, Peter** [DE/DE]; Goyatzter Strasse 31, 03044 Cottbus (DE).

(81) JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B01D 53/94, 53/90, 53/96, 53/92

(11) WO 03/026778 (13) A1

(21) PCT/DE02/02943

(22) 10 Aug/août 2002 (10.08.2002)

(25) de (26) de

(30) 101 42 801.4 31 Aug/août 2001 DE (31.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND DEVICE FOR AFTER-TREATMENT OF EXHAUST GAS  
• PROCEDE ET DISPOSITIF POUR RETRAITER DES GAZ D'ÉCHAPPEMENT

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).  
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(72, 75) **BREUER, Norbert** [DE/DE]; Johann-Sebastian-Bach-Strasse 11, 71254 Ditzingen (DE). **PFENDTNER, Reinhard** [DE/DE]; Buchstrasse 28, 74321 Bietigheim-Bissingen (DE). **FISCHER, Stefan** [DE/DE]; Hegelstrasse 1, 71154 Nufringen (DE).

(81) JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)<sup>7</sup> B01D 69/02, 71/34, 69/08, C08J 9/26

(11) WO 03/026779 (13) A1

(21) PCT/JP02/07818

(22) 31 Jul/juil 2002 (31.07.2002)

(25) ja (26) ja

- (30) 2001-234035 **1 Aug/août 2001** JP  
(01.08.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MULTILAYER MICROPOROUS FILM  
• FILM MICROPOREUX MULTI-  
COUCHES
- (71) ASAHI KASEI KABUSHIKI KAISHA  
[JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku,  
Osaka-shi, Osaka 530-8205 (JP).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) NAGOYA, Fujiharu [JP/JP]; Poto-  
haimugumyoji 6-105, 4-76, Nakajima-  
cho, Minami-ku, Yokohama-shi, Kana-  
gawa 232-0055 (JP). KOGUMA, Ichiro  
[JP/JP]; Ribasaidoshion 207, 75-1, Sachi-  
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241-0822 (JP).
- (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  
BY BZ CA CH CN CO CR 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 NO NZ OM PH PL PT RO RU  
SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B01D 69/14, 53/22
- (11) WO 03/026780 (13) A1
- (21) PCT/IB02/03802
- (22) 16 Sep/sep 2002 (16.09.2002)
- (25) en (26) en
- (30) 09/960,423 **21 Sep/sep 2001** US  
(21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MIXED MATRIX MEMBRANES IN-  
CORPORATING CHABAZITE TYPE  
MOLECULAR SIEVES  
• MEMBRANES MATRICIELLES  
MIXTES COMPORTANT DES TAILLES  
MOLECULAIRES DU TYPE CHABA-  
ZITE
- (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- Paris (FR).
- (72) HASSE, David, J.; 712 South Lanark Court,  
Bel Air, MD 21015 (US). KULKARNI, Sud-  
hir, S.; 1801 Breen Lane, Wilmington, DE  
19810 (US). CORBIN, David, R.; 600 Swal-  
low Lane, West Chester, PA 19380 (US). PA-  
TEL, Aspi, N.; 23 West Periwinkle Lane,  
Newark, DE 19711 (US).
- (74) RUSSELL, Linda, K.; Air Liquide, 2700  
Post Oak Boulevard, Suite 1800, Houston, TX  
77056 (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 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B01F 5/06, F23D 14/82
- (11) WO 03/026782 (13) A1
- (21) PCT/US02/30228
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 09/963,778 **25 Sep/sep 2001** US  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MIXER/FLOW CONDITIONER  
• MELANGEUR/CONDITIONNEUR A  
ECOULEMENT
- (71) PRECISION COMBUSTION, INC.  
[US/US]; 410 Sackett Point Road, North  
Haven, CT 06473 (US).
- (72) BERRY, Jonathan, Dwight; 76 Alceve  
Street, Meriden, CT 06451 (US). KRAE-  
MER, Gilbert, Otto; 6 North Avenue, North  
Haven, CT 06473 (US).
- (74) GOWANLOCK, William, B.; McCormick,  
Paulding & Huber LLP, CityPlace II, 185  
Asylum Street, Hartford, CT 06103 (US) et  
al. / etc.
- (81) AU CA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> B01F 7/02, C02F 3/20, 7/00
- (11) WO 03/026783 (13) A1
- (21) PCT/JP02/09813
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) ja (26) ja
- (30) 2001-333517 **25 Sep/sep 2001** JP  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • LIQUID CURRENT GENERATING DE-  
VICE  
• DISPOSITIF GENERATEUR DE COU-  
RANT LIQUIDE
- (71) MOBURON DESIGN OFFICE CO.,  
LTD. [JP/JP]; 520-11, Koya, Yoshikawa,  
Matsumoto-shi, Nagano 399-0031 (JP).  
OIKAWA, Yutaka [JP/JP]; 520-11,  
Koya, Yoshikawa, Matsumoto-shi, Nagano  
399-0031 (JP).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) OIKAWA, Norifumi [JP/JP]; 520-11,  
Koya, Yoshikawa, Matsumoto-shi, Nagano  
399-0031 (JP).
- (74) WATANUKI, Takao; CreA center Build-  
ing, 12-9, Nakagoshō 3-chome, Nagano-shi,  
Nagano 380-0935 (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 NO NZ OM PH PL PT RO RU  
SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B01F 15/00
- (11) WO 03/026784 (13) A1
- (21) PCT/CA02/01452
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) en (26) en

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(26.09.2001)
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(15.03.2002)
- (30) 10/100,134 **19 Mar/mar 2002** US  
(19.03.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **LOW SPEED PRECISION STIRRING/MIXING DEVICE**  
• DISPOSITIF DE TOUILLAGE/MELANGE PRECIS A FAIBLE VITESSE
- (71) **HER MAJESTY THE QUEEN IN RIGHT OF CANADA, as represented by THE MINISTER OF HEALTH** [CA/CA]; Brooke Claxton Building, Tunney's Pasture, Ottawa, Ontario K1A 0K9 (CA).
- (72) **QURESHI, Saeed, A.**; 56 Gleeson Way, Nepean, Ontario K2J 4Y7 (CA).
- (74) **DANIELS, Kent et al. / etc.**; Ogilvy Renault, 1981 McGill College Avenue, Suite 1600, Montreal, 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> **B01F 15/02**
- (11) **WO 03/026785** (13) A1
- (21) PCT/US02/30319
- (22) **25 Sep/sep 2002 (25.09.2002)**
- (25) en (26) en
- (30) 09/962,507 **25 Sep/sep 2001** US  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **MULTIPLE CHEMICAL PRODUCT EDUCATIVE DISPENSER**  
• DISTRIBUTEUR-EJECTEUR DE PLUSIEURS PRODUITS CHIMIQUES
- (71) **HYDRO SYSTEMS COMPANY** [US/US]; 3798 Roundbottom Road, Cincinnati, OH 45244 (US).
- (72) **SAND, William, F.**; 5577 Alomar Drive, Cincinnati, OH 45258 (US). **DALHART, Mark, D.**; 3460 Broken Ridge Drive, Mason, OH 45040 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **B01J**
- (11) **WO 03/026786** (13) A2
- (21) PCT/US02/28138
- (22) **24 Sep/sep 2002 (24.09.2002)**
- (25) en (26) en
- (30) 09/960,705 **24 Sep/sep 2001** US  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **A METHOD OF LYOPHYLIZATION TO REDUCE SOLVENT CONTENT AND ENHANCE PRODUCT RECOVERY**  
• PROCEDE DE LYOPHILISATION POUR LA REDUCTION DE LA TENEUR EN SOLVANT ET L'AMELIORATION DE LA RECUPERATION DE PRODUITS
- (71) **CLEARANT, INC.** [US/US]; 11111 Santa Monica Boulevard, Suite 650, Los Angeles, CA 90025 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BURGESS, Wilson H.** [US/US]; 12824 Great Oak Lane, Clifton, VA 20124 (US). **DROHAN, William N.** [US/US]; 8417 Oakford Lane, Springfield, VA 22152 (US). **MACPHEE, Martin J.** [CA/US]; 9971 Lake Landing Road, Montgomery Village, MD 20886 (US). **MANN, David M.** [US/US]; 7430 Brenish Drive, Gaithersburg, MD 20879 (US). **BEALL, Dawson** [US/US]; 502 Philmont Drive, #2, Gaithersburg, MD 20878 (US).

- (74) **FLESHNER, Mark L. et al. / etc.**; Fleshner & Kim, Llp, P.O. Box 221200, Chantilly, VA 20153-1200 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 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).

- (51)<sup>7</sup> **B01J**
- (11) **WO 03/026787** (13) A2
- (21) PCT/US02/30224
- (22) **24 Sep/sep 2002 (24.09.2002)**
- (25) en (26) en
- (30) 60/324,346 **24 Sep/sep 2001** US  
(24.09.2001)
- (30) 10/118,421 **8 Apr/avr 2002** US  
(08.04.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **OXIDATIVE DEHYDROGENATION OF ALKANES TO OLEFINS USING AN OXIDE SURFACE**

- **DESHYDROGENATION OXYDANTE D'ALCANES EN OLEFINES FAISANT APPEL A UNE SURFACE D'OXYDE**
- (71) **CONOCO INC.** [US/US]; 600 North Dairy Ashford, Houston, TX 77079 (US).
- (72) **ALLISON, Joe, D.**; 2412 Woodthrush, Ponca City, OK 74604 (US). **BUDIN, Lisa, M.**; 4601 South Union, Ponca City, OK 74601 (US).
- (74) **WESTPHAL, David, W.**; P.O. Box 4783, Houston, TX 77210-4783 (US) et al. / etc.
- (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **B01J 19/00**
- (11) **WO 03/026788** (13) A1
- (21) PCT/EP02/09718
- (22) **30 Aug/août 2002 (30.08.2002)**
- (25) de (26) de
- (30) 101 46 545.9 **21 Sep/sep 2001** DE  
(21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **MICROCOMPONENT**  
• MICROCOMPOSANT
- (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) **PIEPER, Guido** [DE/DE]; Malvenweg 18, 64291 Darmstadt (DE). **SCHMELZ, Michael** [DE/DE]; Barbaraweg 6, 64347 Griesheim (DE). **WURZIGER, Hanns** [DE/DE]; Greinstr. 7b, 64291 Darmstadt (DE). **SCHWESINGER, Norbert** [DE/DE]; Bahnhofstr. 35, 85386 Eching (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 ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **B01J 19/00, 29/40, C01B 39/04**
- (11) **WO 03/026789** (13) A1
- (21) PCT/JP02/09318
- (22) **12 Sep/sep 2002 (12.09.2002)**

- (25) ja (26) ja
- (30) 2001-285740 19 Sep/sep 2001 JP  
(19.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ZEOLITE LAMINATED COMPOSITE AND ZEOLITE MEMBRANE REACTOR USING THE SAME  
• COMPOSITE LAMINE DE ZEOLITHE ET REACTEUR A MEMBRANE DE ZEOLITHE L'UTILISANT
- (71) NGK INSULATORS, LTD. [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MORI, Nobuhiko [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). TOMITA, Toshihiro [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). SAKAI, Hitoshi [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).
- (74) WATANABE, Kazuhira; 3rd Fl., No.8 Kikuboshi Tower Building, 20-18, Asakusabashi 3-chome, Taito-ku, Tokyo 111-0053 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B01J 19/00
- (11) WO 03/026790 (13) A2
- (21) PCT/US02/30257
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 09/961,641 24 Sep/sep 2001 US  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • APPARATUS AND METHOD FOR MIXING SMALL VOLUMES OF REACTION MATERIALS  
• APPAREIL ET PROCEDE PERMETTANT DE MELANGER DE PETITS VOLUMES DE MATIERES REACTIVES
- (71) SYMYX TECHNOLOGIES, INC. [US/US]; 3100 Central Expressway, Santa Clara, CA 95051 (US).
- (72) NIELSEN, Ralph, B.; Symyx Technologies, Inc., 3100 Central Expressway, Santa Clara, CA 95051 (US).
- (74) GODAR, Michael, E. et al. / etc.; Sen-niger, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B01J 19/00, 8/36
- (11) WO 03/026791 (13) A1
- (21) PCT/US02/30417
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) en (26) en
- (30) 60/325,012 26 Sep/sep 2001 US  
(26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • INTEGRATED CHEMICAL PROCESS CONTROL  
• COMMANDE DE PROCEDE CHIMIQUE INTEGREE
- (71) BP CORPORATION NORTH AMERICA INC. [US/US]; 200 East Randolph Drive, MC 2207A, Chicago, IL 60601 (US).
- (72) STEPHENS, William, D.; 1003 McClurg Drive, Batavia, IL 60510 (US). HALMO, Paul, M.; 4770 Veronica Court, Suwanee, GA 30025 (US).
- (74) MCDONALD, Scott, P.; BP America Inc., 200 East Randolph Drive, MC 2207A, Chicago, IL 60601 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B01J 20/20, D01F 9/14
- (11) WO 03/026792 (13) A1
- (21) PCT/JP02/09919
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) ja (26) ja
- (30) 2001-294225 26 Sep/sep 2001 JP  
(26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ACTIVATED CARBON FIBER AND PROCESS FOR PRODUCING THE SAME  
• CHARBON ACTIF EN FIBRE ET PROCEDE DE PRODUCTION
- (71) AD'ALL CO., LTD. [JP/JP]; 5, Tonouchi, Uji, Uji-shi, Kyoto 611-8555 (JP). UNITIKA LTD. [JP/JP]; 50, Higashihonmachi 1-chome, Amagasaki-shi, Hyogo 660-0824 (JP). OSAKA GAS CHEMICALS CO., LTD. [JP/JP]; 6-14, Bingomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) UYAMA, Toyoki [JP/JP]; c/o AD'ALL CO., LTD., 5, Tonouchi, Uji, Uji-shi, Kyoto 611-8555 (JP). KATAYAMA, Tatsuo [JP/JP]; c/o AD'ALL CO., LTD., 5, Tonouchi, Uji, Uji-shi, Kyoto 611-8555 (JP). MAEDA, Takeshi [JP/JP]; c/o AD'ALL CO., LTD., 5, Tonouchi, Uji, Uji-shi, Kyoto 611-8555 (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 BY BZ CA CH CN CO CR 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B01J 20/26
- (11) WO 03/026793 (13) A2
- (21) PCT/FR02/03238
- (22) 23 Sep/sep 2002 (23.09.2002)
- (25) fr (26) fr
- (30) 01/12208 21 Sep/sep 2001 FR  
(21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CROSSLINKED THREE-DIMENSIONAL POLYMER NETWORK, METHOD FOR PREPARING SAME, SUPPORT MATERIAL COMPRISING SAME AND USES THEREOF  
• RESEAU POLYMER TRIDIMENSIONNEL RETICULE, SON PROCEDE DE PREPARATION, MATERIAU SUPPORT COMPORTANT CE RESEAU ET LEURS UTILISATIONS
- (71) CHIRALSEP [FR/FR]; Parc d'Activités de la Boissière, 11, rue de la Boissière, F-76170 La Frenaye (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) DUVAL, Raphaël [FR/FR]; 108 Boulevard Mauger, Villa Clio, F-14800 Deauville (FR). LEVEQUE, Hubert [FR/FR]; Résidence d'Alincourt, 11, rue Edmond Pigoreau, F-76170 Lillebonne (FR).
- (74) TOUATI, Catherine et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL

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

## Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B01J 20/28, B01D 39/14, A61L 9/01, 9/16

(11) WO 03/026794 (13) A1

(21) PCT/JP02/08896

(22) 2 Sep/sep 2002 (02.09.2002)

(25) ja (26) ja

(30) 2001-289704 21 Sep/sep 2001 JP  
(21.09.2001)

(30) 2001-302935 28 Sep/sep 2001 JP  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ADSORPTIVE SHEET AND FILTER FOR CLARIFYING AIR

• FEUILLE ADSORBANTE ET FILTRE DE PURIFICATION D'AIR

(71) TOYO BOSEKI KABUSHIKI KAISHA [JP/JP]; 2-8, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 520-8230 (JP).

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

(72, 75) MINEMURA, Shinichi [JP/JP]; C/O Toyo Boseki Kabushiki Kaisha, Research Institute, 1-1, Katata 2-chome, Ohtsu-shi, Shiga 520-0243 (JP). SEKI, Toyota [JP/JP]; C/O Toyo Boseki Kabushiki Kaisha, Research Institute, 1-1, Katata 2-chome, Ohtsu-shi, Shiga 520-0243 (JP). MORITA, Makoto [JP/JP]; C/O Toyo Boseki Kabushiki Kaisha, Research Institute, 1-1, Katata 2-chome, Ohtsu-shi, Shiga 520-0243 (JP).

(81) CA CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B01J 21/06, 21/08, 21/12, 23/04, 27/02, 37/03

(11) WO 03/026795 (13) A1

(21) PCT/US02/30331

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 09/964,177 25 Sep/sep 2001 US  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR MAKING SILICA SUPPORTED, CRUSH-RESISTANT CATALYSTS

• PROCEDE DE PRODUCTION DE CATALYSEURS A SUPPORT DE SILICIUM, RESISTANT A L'ECRASUREMENT

(71) PQ HOLDING, INC. [US/US]; 103 Springer Building, 3411 Silverside Road, Wilmington, DE 19810 (US).

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

(72, 75) HU, Yatao [US/US]; 47 Newport Drive, Wayne, PA 19087 (US).

(74) LEWIS, Christopher, R. et al. / etc.; RatterPrestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US).

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

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01J 37/00

(11) WO 03/026796 (13) A2

(21) PCT/US02/25343

(22) 9 Aug/août 2002 (09.08.2002)

(25) en (26) en

(30) 09/942,456 29 Aug/août 2001 US  
(29.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A NANO-SUPPORTED SPONGE CATALYST FOR NANOTUBE GROWTH

• CATALYSEUR SPONGIEUX A NANO-SUPPORT POUR CROISSANCE DE NANOTUBES

(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) COLL, Bernard, F.; 15643 North Boulder Drive, Fountain Hills, AZ 85268 (US). WEI, Yi; 41 S. Forest Drive, Chandler, AZ 85226 (US).

(74) KOCH, William, E.; Motorola Labs, 3102 North 56th Street, AZ11/56-238, Phoenix, AZ 85018-6606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01L 3/00

(11) WO 03/026797 (13) A2

(21) PCT/EP02/10280

(22) 13 Sep/sep 2002 (13.09.2002)

(25) en (26) en

(30) 2001 1747/01 21 Sep/sep 2001 CH  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SEALING SYSTEM WITH FLOW CHANNELS

• SYSTEME DE SCELLEMENT POUR VU DE CANAUX D'ECOULEMENT

(71) SOLVIAS AG [CH/CH]; Klybeckstrasse 191, CH-4057 Basel (CH).

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

(72, 75) BLATTER, Fritz [CH/CH]; Oerinstrasse 67, CH-4153 Reinach (CH). CRON-ECKHARDT, Brigitte [CH/CH]; Im Zehntenfrei 17, CH-4102 Binningen (CH). HOFMEIER, Urs, Christoph [CH/CH];

Hauptstrasse 30, CH-4421 Pantaleon (CH). KOLLER, Peter [CH/CH]; Liestalerstrasse 7, CH-4415 Lausen (CH). MARCOLLI, Claudia [CH/CH]; Heinrichstrasse 210, CH-8005 Zürich (CH). SZELAGIEWICZ, Martin [CH/CH]; Christoph-Merianstrasse 1, CH-4142 Münchenstein (CH).

(74) DANNAPPEL, Hans-Jochen; Solvias AG, Patents, WKL 402.4.26, Klybeckstrasse 191, CH-4002 Basel (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01L 3/00

(11) WO 03/026798 (13) A1

(21) PCT/FR02/03207

(22) 19 Sep/sep 2002 (19.09.2002)

(25) fr (26) fr

(30) 01/12192 21 Sep/sep 2001 FR  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR MOVING A FLUID OF INTEREST IN A CAPILLARY TUBE AND FLUIDIC MICROSYSTEM

• PROCEDE DE DEPLACEMENT D'UN FLUIDE D'INTERET DANS UN CAPILLAIRE ET MICROSYSTEME FLUIDIQUE

(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) RICOUL, Florence [FR/FR]; Lieu dit Charrière, F-38950 Quaix en Chartreuse (FR). BERTHIER, Jean [FR/FR]; 8, les Florentines, F-38240 Meylan (FR). BOUTET, Jérôme [FR/FR]; Appt 119, résidence le Botticelli, 4 av Aristide Briand, F-38600 Fontaine (FR).

(74) LEHU, Jean; Brevatome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)<sup>7</sup> B03C 3/016

(11) WO 03/026799 (13) A1

(21) PCT/US02/29983

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 60/324,094 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • REMOVAL OF ELEMENTAL MERCURY BY PHOTOIONIZATION

- EXTRACTION DE MERCURE ELEMENTAIRE PAR PHOTO-IONISATION
- (71) **THE JOHNS HOPKINS UNIVERSITY** [US/US]; 111 Market Place, Suite 906, Baltimore, MD 21202 (US).
- (72) **KATZ, Joseph**; 5600 Greenspring Avenue, Baltimore, MA 21209 (US).
- (74) **WHITHAM, Michael, E.** et al. / etc.; Whitham, Curtis & Christofferson, PC, 11491 Sunset Hills Road, Suite 340, Reston, VA 20190 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B03D**
- (11) **WO 03/026800** (13) A2
- (21) PCT/US02/29764
- (22) **19 Sep/sep 2002 (19.09.2002)**
- (25) en (26) en
- (30) 60/324,031 **21 Sep/sep 2001** US  
(21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FLOTATION MACHINE ROTOR AND METHOD OF OPERATION
- ROTOR DE MACHINE DE FLOTTATION ET PROCEDE DE FONCTIONNEMENT ASSOCIE
- (71) **GL & V/DORR-OLIVER INC.** [US/US]; 612 Wheeler's Farm Road, Milford, CT 06460-8719 (US).
- (72) **KALLIOINEN, Jouko**; Pyykkikuja 5, FIN-83500 Outokumpu (FI). **MODY, Virendra**; 406 Tallwood Drive, Orillia, Ontario L3V 6L4 (CA).
- (74) **MICHAUD, Richard, R.** et al. / etc.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B03D 1/02, 1/06**
- (11) **WO 03/026801** (13) A1
- (21) PCT/FI02/00749
- (22) **20 Sep/sep 2002 (20.09.2002)**
- (25) fi (26) en
- (30) 20011893 **27 Sep/sep 2001** FI  
(27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • A METHOD OF CONTROLLING FEED VARIATION IN A VALUABLE MINERAL FLOTATION CIRCUIT
- PROCEDE DE REGLAGE DE VARIATION D'ALIMENTATION DANS UN CIRCUIT DE FLOTTATION DE MINERAUX PRECIEUX
- (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) **PALOSAARI, Veikko** [FI/FI]; Kirvantie 4, FIN-28200 Pori (FI).
- (74) **OUTOKUMPU OYJ**; Intellectual Property Management, P.O. Box 27, FIN-02201 Espoo (FI).
- (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 SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (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 IE IT LU MC NL PT SE SK TR).
- 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> **B04B 5/04**
- (11) **WO 03/026802** (13) A2
- (21) PCT/US02/28158
- (22) **4 Sep/sep 2002 (04.09.2002)**
- (25) en (26) en
- (30) 09/961,793 **24 Sep/sep 2001** US  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • BLOOD CENTRIFUGE WITH EXTERIOR MOUNTED, SELF-BALANCING COLLECTION CHAMBERS
- CENTRIFUGEUSE DE SANG A CHAMBRES DE COLLECTE A L'EXTERIEUR
- (71) **MEDTRONIC, INC.** [US/US]; LC 340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).
- (72) **DOLECEK, Victor, D.**; 6607 South Atchison Way, Englewood, CO 80111 (US). **MALCOLM, David**; 12750 North Sixth Street, Parker, CO 80134 (US). **MCINTOSH, Kevin, D.**; 9000 Cambridge Avenue North, Brooklyn Park, MN 55443 (US).
- (74) **LATHAM, Daniel, W.** et al. / etc.; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5601 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B05B 11/00**
- (11) **WO 03/026803** (13) A1
- (21) PCT/EP02/10398
- (22) **17 Sep/sep 2002 (17.09.2002)**
- (25) de (26) de
- (30) 101 48 899.8 **21 Sep/sep 2001** DE  
(21.09.2001)
- (30) 02008877.9 **20 Apr/avr 2002** EP  
(20.04.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DOSING DEVICE WITH A PUMP DEVICE
- DISPOSITIF DE DOSAGE MUNI D'UN SYSTEME DE POMPAGE
- (71) **ING. ERICH PFEIFFER GMBH** [DE/DE]; Öschlestrasse 124-126, 78315 Radolfzell (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRAF, Lothar** [DE/DE]; Waldstrasse 18, 78144 Gottmadingen (DE).
- (74) **WILHELM, Peter**; Ruff, Wilhelm, Beier, Dauster & Partner, Kronenstrasse 30, 70174 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 ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B05B 11/00**
- (11) **WO 03/026804** (13) A1
- (21) PCT/EP02/10420
- (22) **17 Sep/sep 2002 (17.09.2002)**
- (25) de (26) de
- (30) 101 48 899.8 **21 Sep/sep 2001** DE  
(21.09.2001)
- (30) 02008876.1 **20 Apr/avr 2002** EP  
(20.04.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DOSING DEVICE WITH A MEDIUM RESERVOIR AND A PUMP DEVICE
- DISPOSITIF DE DOSAGE POURVU D'UN RESERVOIR DE SUBSTANCES ET D'UN DISPOSITIF DE POMPAGE



(71) **ING. ERICH PFEIFFER GMBH** [DE/DE]; Öschlestrasse 124-126, 78315 Radolfzell (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MBONYUMUHIRE, Pierre** [DE/DE]; Kreutzerstrasse 9, 78315 Radolfzell (DE).  
**GRAF, Lothar** [DE/DE]; Waldstrasse 18, 78144 Gottmadingen (DE).

(74) **WILHELM, Peter**; Ruff, Wilhelm, Beier, Dauster & Partner, Kronenstrasse 30, 70174 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 ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B05B 11/00**

(11) **WO 03/026805** (13) A1

(21) PCT/EP02/10421

(22) **17 Sep/sep 2002 (17.09.2002)**

(25) de (26) de

(30) 101 48 899.8 **21 Sep/sep 2001** DE  
(21.09.2001)

(30) 02008878.7 **20 Apr/avr 2002** EP  
(20.04.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **DOSING DEVICE COMPRISING A MEDIUM RESERVOIR AND CORRESPONDING PUMP DEVICE**  
• **DISPOSITIF DE DOSAGE POUR VU D'UN RESERVOIR DE SUBSTANCES ET DISPOSITIF DE POMPAGE CORRESPONDANT**

(71) **ING. ERICH PFEIFFER GMBH** [DE/DE]; Öschlestrasse 124-126, 78315 Radolfzell (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MBONYUMUHIRE, Pierre** [DE/DE]; Kreutzerstrasse 9, 78315 Radolfzell (DE).

(74) **WILHELM, Peter**; Patentanwälte Ruff, Wilhelm, Beier, Dauster & Partner, Kronenstrasse 30, 70174 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 ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **B05B 13/02, B29C 41/08, A61K 9/70**

(11) **WO 03/026806** (13) A1

(21) PCT/EP02/10335

(22) **14 Sep/sep 2002 (14.09.2002)**

(25) de (26) de

(30) 101 46 251.4 **20 Sep/sep 2001** DE  
(20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **DEVICE FOR PRODUCTION OF A PHARMACEUTICAL FILM**  
• **DISPOSITIF DE PRODUCTION D'UN FILM PHARMACEUTIQUE**

(71) **GRÜENTHAL GMBH** [DE/DE]; Zieglerstr. 6, 52078 Aachen (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RUPPRECHT, Herbert** [DE/DE]; Machthildstr. 47, 93053 Regensburg (DE).  
**ZINZEN, Stephan** [DE/DE]; Lattenkamp 15, 22299 Hamburg (DE).

(74) **KUTZENBERGER, Helga et al.** / etc.; Kutzenberger & Wolff, Theodor-Heuss-Ring 23, 50668 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B05C**

(11) **WO 03/026807** (13) A2

(21) PCT/US02/29724

(22) **20 Sep/sep 2002 (20.09.2002)**

(25) en (26) en

(30) 09/957,036 **21 Sep/sep 2001** US  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **METHOD AND APPARATUS FOR APPLYING A MATERIAL TO A WEB**  
• **PROCEDE ET DISPOSITIF D'APPLICATION D'UN MATERIAU SUR UNE BANDE**

(71) **PHILIP MORRIS PRODUCTS INC.** [US/US]; 3601 Commerce Road, Richmond, VA 23234 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GARG, Rajesh** [US/US]; 3216 Center Ridge Drive, Richmond, VA 23233 (US).  
**PHAN, Tony** [US/US]; 9020 Cardiff Road, Richmond, VA 23236 (US).

(74) **SKIFF, Peter, K. et al.** / etc.; Burns, Doane, Swecker and Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).

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

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

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> **B05D 5/00, D21H 19/00, A24C 5/14, 5/46, A24D 1/02**

(11) **WO 03/026808** (13) A1

(21) PCT/US02/29731

(22) **20 Sep/sep 2002 (20.09.2002)**

(25) en (26) en

(30) 60/323,703 **21 Sep/sep 2001** US  
(21.09.2001)

(30) 10/241,437 **12 Sep/sep 2002** US  
(12.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **PAPER COATED WITH BAND HAVING THICKNESS GRADIENT**  
• **PAPIER REVETU D'UNE BANDE PRESENTANT UN GRADIENT D'EPaisseur**

(71) **PHILIP MORRIS PRODUCTS INC.** [US/US]; 3601 Commerce Road, Richmond, VA 23234 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WATKINS, Michael, Lee** [US/US]; 3318 Grove Avenue, Chester, VA 23831 (US).  
**LYONS-HART, Jimmy, L.** [US/US]; 1213 Cremona Court, Sandston, VA 23150 (US).

(74) **SKIFF, Peter, K. et al.** / etc.; Burns, Doane, Swecker and Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG  
SI 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 IE IT LU MC NL PT SE SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(t) for all designations / pour toutes les  
designations

(51)<sup>7</sup> B05D 5/12, G02B 5/18

(11) WO 03/026809 (13) A1

(21) PCT/US02/31065

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/968,163 28 Sep/sep 2001 US  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • INTERFERENCE FILTER FABRICATION

• FABRICATION DE FILTRE A INTER-  
FERENCE

(71) FIBERA, INC. [US/US]; 3350 Scott Blvd.,  
Bldg. 56, Santa Clara, CA 95054 (US).

(72) TSAI, John, C.; 15100 El Camino Grande,  
Saratoga, CA 95070 (US). WANG, David,  
W.; 18827 Bellgrove Circle, Saratoga, CA  
95070 (US).

(74) ROBERTS, Raymond, E. et al. / etc.; IPLO  
Intellectual Property Law Offices, Suite 660,  
1901 South Bascom Avenue, Campbell, CA  
95008 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B06B 1/06

(11) WO 03/026810 (13) A1

(21) PCT/GB02/04379

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 0123281.8 27 Sep/sep 2001 GB  
(27.09.2001)

(30) 0203996.4 20 Feb/fév 2002 GB  
(20.02.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS AND METHOD OF MAN-  
UFACTURING ULTRASONIC TRANS-  
DUCERS

• APPAREIL ET PROCEDE DE FABRI-  
CATION DE TRANSDUCTEURS UL-  
TRASONIQUES

(71) THE MORGAN CRUCIBLE COMPANY  
PLC [GB/GB]; Morgan House, Madeira  
Walk, Windsor, Berkshire SL4 1EP (GB).

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

(72, 75) BROMFIELD, George [GB/GB]; Mor-  
gan Electro Ceramics Limited, Bursledon  
Road, Thornhill, Southampton, Hampshire  
SO19 7TG (GB). WARNHAM, Gordon  
[GB/GB]; Morgan Electro Ceramics Limited,  
Bursledon Road, Thornhill, Southampton,  
Hampshire SO19 7TG (GB).

(74) PHILLIPS & LEIGH; 5 Pemberton Row,  
London EC4A 3BA (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 SI 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 IE IT LU MC NL  
PT 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  
designations 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  
SI 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 IE IT LU MC NL PT 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)<sup>7</sup> B07B 1/42, 1/28

(11) WO 03/026811 (13) A1

(21) PCT/GB02/04336

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 0123042.4 26 Sep/sep 2001 GB  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • VIBRATING GRID SHAFT ASSEMBLY  
• ENSEMBLE ARBRE DE GRILLE VI-  
BRANTE

(71, 72) DOUGLAS, Patrick, Joseph [GB/GB];  
The Old School House, Langness Road,  
Derby haven, Castletown, Isle of Mann IM9  
1TY (GB).

(74) ORR, William, McLean; Urquhart-Dykes  
& Lord, Tower House, Merrion Way, Leeds  
LS2 8PA (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 EE ES FI GB GD GE GH GM HR HU  
ID IL IN IS JP KE KG KP KR KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW  
MX MZ NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B21B 3/00

(11) WO 03/026812 (13) A1

(21) PCT/US02/28261

(22) 5 Sep/sep 2002 (05.09.2002)

(25) en (26) en

(30) 09/957,852 21 Sep/sep 2001 US  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROCESS FOR PRODUCING THICK  
SHEET FROM DIRECT CHILL CAST  
COLD ROLLED ALUMINUM ALLOY

• PROCEDE DE PRODUCTION DE  
FEUILLES EPAISSES A PARTIR D'AL-  
LIAGE D'ALUMINIUM LAMINE A  
FROID PAR REFROIDISSEMENT IN-  
TENSE ET DIRECT

(63) US 09/957,852 (CON)  
21 Sep/sep 2001 (21.09.2001)

(71) ALCOA INC. [US/US]; Alcoa Corporate  
Center, 201 Isabella Street, Pittsburgh, PA  
15212-5858 (US).

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

(72, 75) PERKINS, David [US/US]; 300 Alumax  
Drive, Texarkana, TX 75501 (US). MEA-  
SURES, Richard [US/US]; 300 Alumax  
Drive, Texarkana, TX 75501 (US). EYCK,  
Nancy, Ten [US/US]; 300 Alumax Drive,  
Texarkana, TX 75501 (US).

(74) RICHARDS, John 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  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B21B 45/02

(11) WO 03/026813 (13) A1

(21) PCT/JP02/09252

(22) 11 Sep/sep 2002 (11.09.2002)

(25) ja (26) ja

(30) 2001-290004 21 Sep/sep 2001 JP  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND DEVICE FOR COOL-  
ING STEEL SHEET

• PROCEDE ET DISPOSITIF DE REFROI-  
DISSEMENT D'UNE TOLE D'ACIER

(71) **NKK CORPORATION** [JP/JP]; 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

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

(72, 75) **TSUYAMA, Seishi** [JP/JP]; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **FUJIBAYASHI, Akio** [JP/JP]; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **TAGANE, Akira** [JP/JP]; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **TAKAHASHI, Isao** [JP/JP]; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **OMATA, Kazuo** [JP/JP]; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(74) **NAKAHAMA, Yasumitsu**; c/o Intellectual Property Dept., NKK Corporation, 1-1, Minamiwatarida-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0855 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> **B21H 5/00, B23P 15/14, F16H 1/16, 55/22**

(11) **WO 03/026814** (13) A1

(21) PCT/DE02/03090

(22) **23 Aug/août 2002 (23.08.2002)**

(25) de (26) de

(30) 101 46 748.6 **22 Sep/sep 2001 DE (22.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR PRODUCING A SHAFT COMPRISING A SLEEVE, AND DEVICE CONTAINING ONE SUCH SHAFT

• PROCEDE PERMETTANT DE FABRIQUER UN ARBRE DOTE D'UN MANCHON ET DISPOSITIF COMPORTANT UN ARBRE DE CE TYPE

(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) **DREWE, Ingo** [DE/DE]; Beethovenstr. 4, 77815 Buehl (DE).

(81) KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> **B21J 5/00, C21D 7/10**

(11) **WO 03/026815** (13) A1

(21) PCT/AT02/00272

(22) **19 Sep/sep 2002 (19.09.2002)**

(25) de (26) de

(30) A 1516/2001 **25 Sep/sep 2001 AT (25.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE AND METHOD FOR PRODUCING MICROCRYSTALLINE MATERIALS

• DISPOSITIF ET PROCEDE DE PRODUCTION DE MATERIAUX MICROCRISTALLINS

(71) **ÖSTERREICHISCHE AKADEMIE DER WISSENSCHAFTEN** [AT/AT]; Dr. Ignaz Seipel-Platz 2, A-1010 Wien (AT). **INNOVATIONSAGENTUR GESELLSCHAFT MBH** [AT/AT]; Taborstrasse 10, A-1020 Wien (AT).

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

(72, 75) **PIPPAN, Reinhard** [AT/AT]; Pychlmayergasse 1, A-8700 Leoben (AT).

(74) **BABELUK, Michael**; Mariahilfer Gürtel 39/17, A-1150 Wien (AT).

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

(51)<sup>7</sup> **B21J 25/00, B21D 39/03, F16B 4/00, C04B 37/02, B29C 65/64**

(11) **WO 03/026816** (13) A1

(21) PCT/JP02/05781

(22) **11 Jun/juin 2002 (11.06.2002)**

(25) ja (26) ja

(30) 2001-286015 **20 Sep/sep 2001 JP (20.09.2001)**

(30) 2002-131871 **7 May/mai 2002 JP (07.05.2002)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CONNECTED BODY AND METHOD FOR CONNECTION

• CORPS CONNECTE ET PROCEDE DE CONNEXION

(71) **THE FOUNDATION FOR THE PROMOTION OF INDUSTRIAL SCIENCE** [JP/JP]; 4-6-1, Komaba, Meguro-ku, Tokyo 153-8505 (JP).

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

(72, 75) **YANAGIMOTO, Jun** [JP/JP]; 3-1-21, Gakuen-Nishimachi, Kodaira-shi, Tokyo 187-0045 (JP). **SUGIYAMA, Sumio** [JP/JP]; Kirigaoka Green Town 1-503, 5-27, Kirigaoka, Midori-ku, Yokohama-shi, Kanagawa 226-0016 (JP). **SUZUKI, Sigehisa** [JP/JP]; 6-1, Yamahana, Yamayashiki-cho, Chiryu-shi, Aichi 472-0022 (JP).

(74) **AOKI, Toshiaki**; Ohzono Bldg., 7-10, Kandamitoshirocho, Chiyoda-ku, Tokyo 101-0053 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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).

(51)<sup>7</sup> **B22C 7/02, 9/04**

(11) **WO 03/026817** (13) A1

(21) PCT/FI02/00709

(22) **4 Sep/sep 2002 (04.09.2002)**

(25) fi (26) en

(30) 20011869 **24 Sep/sep 2001 FI (24.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR CASTING

• PROCEDE DE MOULAGE

(71, 72) **ELJAALA, Markku** [FI/FI]; Kohmankaari 16 B 16, FIN-33310 Tampere (FI).

(72, 75) **OSARA, Karri** [FI/FI]; Perälantie 24 as. 11, FIN-29600 Noormarkku (FI). **MÄNTYLÄ, Tapio** [FI/FI]; Kallenkujja 1, FIN-33710 Tampere (FI). **VUORISTO, Petri** [FI/FI]; Hirvikatu 17 C 14, FIN-33240 Tampere (FI).

(74) **KANGASMÄKI, Reijo**; Finnish Patent Consulting FPC, Hermiankatu 14, FIN-33720 Tampere (FI).

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

(51)<sup>7</sup> **B22F 5/08**

(11) **WO 03/026818** (13) A1

(21) PCT/US02/28949

(22) **11 Sep/sep 2002 (11.09.2002)**

(25) en (26) en

(30) 09/965,710 **26 Sep/sep 2001 US (26.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS AND METHOD FOR FORMING POWDER METAL GEARS

• APPAREIL ET PROCEDE PERMETTANT DE FORMER DES ENGRENAGES EN POUDRE METALLIQUE

(71) **FEDERAL-MOGUL CORPORATION** [US/US]; 26555 Northwestern Highway, Southfield, MI 48034 (US).

(72) **WOOLF, Richard**; 3818 Reemelin Road, Cincinnati, OH 45211 (US).

(74) **STEARNS, Robert, L.**; Reising, Ethington, Barnes, Kisselle, Learman & McCulloch, P.C., P.O. Box 4390, Troy, MI 48099 (US).

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

- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B22F 9/04
- (11) WO 03/026819 (13) A1
- (21) PCT/KR02/01691
- (22) 6 Sep/sep 2002 (06.09.2002)
- (25) en (26) en
- (30) 01/59401 25 Sep/sep 2001 KR (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • TIN OR TIN ALLOY POWDER AND METHOD FOR PREPARING THE SAME
- POUDRE D'ETAIN OU D'ALLIAGE D'ETAIN ET PROCEDE DE PREPARATION ASSOCIE
- (71) NAMATECH CO., LTD. [KR/KR]; Hanyang Business Incubator Center 515, Sa 1-dong 1271, 425-170 Ansan-city, Kyungki-do (KR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JOO, Yeon-Jun [KR/KR]; Donga Apt. 209-302, Geoyeo-dong, Songpa-ku, 138-110 Seoul (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B23B 27/22, B23P 15/28
- (11) WO 03/026820 (13) A1
- (21) PCT/US02/29662
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) en (26) en
- (30) 09/961,551 24 Sep/sep 2001 US (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • INDEXABLE TURNING INSERT
- PLAQUETTE DE TOURNAGE AMOVIBLE
- (71) VALENITE INC. [US/US]; 31700 Research Park Drive, Madison Heights, MI 48071 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BROCKETT, Brendan, L. [US/US]; 8652 Hazelton, Dearborn Heights, MI 48127 (US). BERNADIC, Thomas, J. [US/US]; 782 Tanglewood, Madison Heights, MI 48071 (US).
- (74) GRUDZIECKI, Ronald, L. et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22314-1404 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations
- 
- (51)<sup>7</sup> B23B 31/20, B29C 35/02, 70/88
- (11) WO 03/026821 (13) A1
- (21) PCT/US02/30223
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/324,966 25 Sep/sep 2001 US (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • APPARATUS AND METHOD FOR INDUCTION LAMINATION OF ELECTRICALLY CONDUCTIVE FIBER REINFORCED COMPOSITE MATERIALS
- APPAREIL ET PROCEDE DE STRATIFICATION PAR INDUCTION DE MATÉRIEAUX COMPOSITES RENFORCÉS PAR DES FIBRES CONDUCTRICES
- (71, 72) GERHARD, Jack, K. [US/US]; Route 4, Box 74, Ridgeley, WV 26753 (US). LYNAM, Eric, J. [US/US]; Route 5, Box 595, Keyser, WV 26726 (US). SHAFFER, Mark, R. [US/US]; 137 Enchantment Road, Hyndman, PA 15595 (US). YARLAGADDA, Shridhar [IN/US]; 24 Sandalwood Drive, Newark, DE 19713 (US). SHEVCHENKO, Nicholas, B. [US/US]; 22 East Cleveland Avenue, Newark, DE 19711 (US). FINK, Bruce, K. [US/US]; 1714 Glenville Road, Havre de Grace, MD 21078 (US). HEIDER, Dirk [DE/US]; 9 Adelaide Court, Newark, DE 19702 (US). TIERNEY, John, J. [IE/US]; 11 Center Street, Newark, DE 19711-2268 (US). GILLESPIE, John, W., Jr. [US/US]; 106 East Bridle Path, Hockessin, DE 19707 (US).
- (74) JENSEN, Bradley, B. et al. / etc.; Traskbritt, 230 South 500 East, Suite 300, P.O. Box 2550, Salt Lake City, UT 84110-2550 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B23B 45/00, B25H 1/00
- (11) WO 03/026822 (13) A1
- (21) PCT/GB02/03281
- (22) 18 Jul/juil 2002 (18.07.2002)
- (25) en (26) en
- (30) 0123112.5 26 Sep/sep 2001 GB (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DRILL TOOL
- OUTIL DE FORAGE
- (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) ROBERTS, Philip [GB/GB]; Airbus UK Limited, Chester Road, Broughton, Chester CH4 ODR (GB). SPRAKE, David [GB/GB]; Airbus UK Limited, Chester Road, Broughton, Chester CH4 ODR (GB).
- (74) BAE SYSTEMS PLC; Group IP Department, P.O. Box 87, Lancaster House, Farnborough Aerospace Centre, Farnborough, Hampshire GU14 6YU (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B23B 49/02
- (11) WO 03/026823 (13) A1
- (21) PCT/US02/30529
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) en (26) en
- (30) 09/963,818 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • GUIDES FOR CENTERING SCREWS AND DRILL BITS IN COUNTERSINK HOLES

- DISPOSITIFS DE GUIDAGE PERMETTANT DE CENTRER DES VIS ET DES FORETS DANS DES TROUS NOYES

(71) **SIMP'L PRODUCTS, INC.** [US/US]; 264 Fordham Place, City Island, NY 10464 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEATON, Richard** [US/US]; 21 Bertel Avenue, Mont Vernon, NY 10551 (US). **WEINSTEIN, Burton** [US/US]; 225 East 36th Street, Apt 2-0, New York, NY 10016 (US). **COPLEIN, Gordon, D.** [US/US]; 1046 Oakpointe Place, Dunwoody, GA 30338-2600 (US).

(74) **COPLEIN, Gordon, D.**; 1046 Oakpointe Place, Dunwoody, GA 30338-2600 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> B23C 5/22

(11) **WO 03/026824** (13) A1

(21) PCT/IL02/00721

(22) **29 Aug/août 2002 (29.08.2002)**

(25) en (26) en

(30) 145574 **24 Sep/sep 2001 (24.09.2001)** IL

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CUTTING TOOL AND CUTTING INSERT THEREFOR

- INSTRUMENT DE COUPE ET INSERT DE COUPE CORRESPONDANT

(71) **ISCAR LTD.** [IL/IL]; P.O. Box 11, 24959 Tefen (IL).

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

(72, 75) **MEN, Yuri** [IL/IL]; Hatichon Street 37A, 32296 Haifa (IL).

(74) **ISCAR LTD.**; Patent Department, P.O. Box 11, 24959 Tefen (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B23C 5/24, B23B 27/16

(11) **WO 03/026825** (13) A1

(21) PCT/DE02/02948

(22) **10 Aug/août 2002 (10.08.2002)**

(25) de (26) de

(30) 101 40 724.6 **27 Aug/août 2001 (27.08.2001)** DE

(30) 102 25 809.0 **11 Jun/juin 2002 (11.06.2002)** DE

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SUPPORT TOOL FOR DIES WITH FINE ADJUSTMENT ELEMENTS

- OUTIL SUPPORT DESTINE A DES PLAQUETTES DE COUPE COMPARTANT DES ELEMENTS DE REGLAGE FIN

(71) **CERAMTEC AG** [DE/DE]; Innovative Ceramic Engineering, Fabrikstrasse 23-29, 73207 Plochingen (DE).

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

(72, 75) **ZITZLAFF, Wolfgang** [DE/DE]; Salzäcker 1/3, 73230 Kirchheim/Teck (DE).

(74) **SCHERZBERG, Andreas et al.** / etc.; Dynamit Nobel Aktiengesellschaft, - Patente, Marken & Lizenzen -, Kaiserstrasse 1, 53840 Troisdorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B23D

(11) **WO 03/026826** (13) A2

(21) PCT/US02/03272

(22) **5 Feb/fév 2002 (05.02.2002)**

(25) en

(26) en

(30) 09/965,162 **27 Sep/sep 2001 (27.09.2001)** US

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IMPROVED TOOL AND METHOD OF MAKING

- OUTIL AMELIORE ET SON PROCEDE DE FABRICATION

(71) **H-TECHNOLOGY INC.** [US/US]; 511 Washington Avenue, Carlstadt, NJ 07072 (US).

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

(72, 75) **HOFFMAN, Steve, E.** [US/US]; 6 Maple Street, Englewood, NJ 07632 (US).

(74) **CANNUSCIO, Robert, E.**; Drinker Biddle & Reath LLP, One Logan Square, 18th and Cherry Streets, Philadelphia, PA 19103-6996 (US).

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

(51)<sup>7</sup> B23D 79/02, B21C 37/08, B23K 37/08

(11) **WO 03/026827** (13) A1

(21) PCT/DE02/03259

(22) **11 Sep/sep 2002 (11.09.2002)**

(25) de (26) de

(30) 101 48 317.1 **21 Sep/sep 2001 (21.09.2001)** DE

(30) 102 44 060.3 **9 Sep/sep 2002 (09.09.2002)** DE

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR INCREASING THE FATIGUE RESISTANCE OF WELDED PIPES

- PROCEDE PERMETTANT D'AUGMENTER LA RESISTANCE A LA FATIGUE DE TUYAUX SOUDES

(71) **MANNESMANNRÖHREN-WERKE AG** [DE/DE]; Wiesenstr. 36, 45473 Mühlheim (DE).

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

(72, 75) **KNAUF, Gerhard** [DE/DE]; Am Spick 6, 47249 Duisburg (DE). **MAREWSKI, Ulrich** [DE/DE]; Bringartenstr. 8a, 45894 Gelsenkirchen (DE). **REEPMEYER, Oscar** [DE/DE]; Am Latumer See, 40668 Meerbusch (DE).

(74) **MEISSNER, Peter, E.**; Patentanwaltsbüro, Meissner & Meissner, Hohenzollerndamm 89, 14199 Berlin (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  
SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> B23K
- (11) WO 03/026828 (13) A2
- (21) PCT/US02/30608
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) en (26) en
- (30) 60/324,891 25 Sep/sep 2001 US  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • IMPROVED COMPOSITIONS, METH-  
ODS AND DEVICES FOR HIGH TEM-  
PERATURE LEAD-FREE SOLDER
- COMPOSITIONS, PROCÉDES ET DIS-  
POSITIF AMÉLIORES DESTINÉS AU  
BRASAGE SANS PLOMB HAUTE  
TEMPERATURE
- (71) HONEYWELL INTERNATIONAL INC.  
[US/US]; PO Box 2245, 101 Columbia Road,  
Morristown, NJ 07962 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) DEAN, Nancy [US/US]; Honeywell  
International Inc., PO Box 2245, 101 Co-  
lumbia Road, Morristown, NJ 07962 (US).  
LALENA, John [US/US]; Honeywell In-  
ternational Inc., PO Box 2245, 101 Co-  
lumbia Road, Morristown, NJ 07962 (US).  
WEISER, Martin [US/US]; Honeywell In-  
ternational Inc., PO Box 2245, 101 Columbia  
Road, Morristown, NJ 07962 (US).
- (74) FISH, Robert et al. / etc.; Rutan & Tucker,  
LLP, 611 Anton Blvd., 14th Floor, Costa  
Mesa, CA 92626 (US).
- (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 SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B23K
- (11) WO 03/026829 (13) A2
- (21) PCT/US02/30698
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 09/965,544 27 Sep/sep 2001 US  
(27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SYSTEM FOR HIGH SPEED CEN-  
TRIFUGAL WELDING
- SYSTEME DE SOUDAGE PAR CEN-  
TRIFUGATION A VITESSE ELEVEE
- (71) H-TECHNOLOGY INC. [US/US]; 511  
Washington Avenue, Carlstadt, NJ 07072  
(US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) HOFFMAN, Steve, E. [US/US]; 6  
Maple Street, Englewood Cliffs, NJ 07632  
(US).
- (74) CANNUSCIO, Robert, E. et al. / etc.;  
Drinker Biddle & Reath LLP, One Logan  
Square, 18th and Cherry Streets, Philadel-  
phia, PA 19103-6996 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B23K 20/10, H01R 43/02
- (11) WO 03/026830 (13) A1
- (21) PCT/US02/23891
- (22) 29 Jul/juil 2002 (29.07.2002)
- (25) en (26) en
- (30) 09/961,023 21 Sep/sep 2001 US  
(21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ROTARY ULTRASONIC HORN  
MOUNTING APPARATUS AND  
METHOD FOR MOUNTING
- DISPOSITIF DE MONTAGE DE SONO-  
TRODE ROTATIVE ET PROCÉDE DE  
MONTAGE
- (71) 3M INNOVATIVE PROPERTIES COM-  
PANY [US/US]; 3M Center, Post Office Box  
33427, Saint Paul, MN 55133-3427 (US).
- (72) MLINAR, John, R.; Post Office Box 33427,  
Saint Paul, MN 55133-3427 (US). OBLAK,  
Donald, S.; Post Office Box 33427, Saint  
Paul, MN 55133-3427 (US).
- (74) JONAS, George, W. et al. / etc.; Office of In-  
tellectual Property Counsel, Post Office Box  
33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT (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 SD SE SG SI SK (Utility model  
/ modèle d'utilité) 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
(s) for all designations / pour toutes les  
désignations  
(t) for all designations / pour toutes les  
désignations
- 
- (51)<sup>7</sup> B23K 26/00
- (11) WO 03/026831 (13) A2
- (21) PCT/DE02/03627
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) de (26) de
- (30) 101 47 037.1 25 Sep/sep 2001 DE  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND DEVICE FOR LASER  
INSCRIPTION OF DATA CARRIERS,  
ESPECIALLY THE BODIES OF CARDS
- PROCÉDE ET DISPOSITIF POUR MAR-  
QUER AU LASER DES SUPPORTS DE  
DONNEES, NOTAMMENT DES CORPS  
DE CARTES
- (71) ORGA KARTENSYSTEME GMBH  
[DE/DE]; Am Hoppenhof 33, 33104 Pader-  
born (DE).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) FISCHER, Dirk [DE/DE]; Anemo-  
nenweg 3, 33106 Paderborn (DE).  
HENNEMEYER-SCHWENKER,  
Michael [DE/DE]; Zur Imburg 4, 33165  
Lichtenau-Herbram (DE). KAPPE,  
Frank [DE/DE]; Kaiserforst 12, 33378  
Rheda-Wiedenbrück (DE). MIGGE, An-  
dreas [DE/DE]; Sandknapp 23, 33106  
Paderborn (DE). RAHNE, Horst [DE/DE];  
Bleichstrasse 11, 33175 Bad Lippspringe  
(DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DK DM  
DZ EC EE ES FI GB GD GE GH GM HR HU  
ID 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  
SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B23K 26/38, B05B 17/06
- (11) WO 03/026832 (13) A1
- (21) PCT/GB02/04093
- (22) 6 Sep/sep 2002 (06.09.2002)
- (25) en (26) en
- (30) 01308106.2 24 Sep/sep 2001 EP  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)

(54) • FORMING A PERFORATE MEMBRANE BY LASER DRILLING AND A SUBSEQUENT ELECTRO-POLISHING STEP

• FORMATION D'UNE MEMBRANE PERFORÉE PAR PERÇAGE AU LASER ET ELECTROPOLISSAGE ULTERIEUR

(71) THE TECHNOLOGY PARTNERSHIP PLC [GB/GB]; Melbourn Science Park, Cambridge Road, Melbourn, Royston, Herts SG8 6EE (GB).

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

(72, 75) BLAKEY, David, Mark [GB/GB]; 49 Honeybourne, Bishop's Stortford, Herts CM23 4EE (GB).

(74) GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7HL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B23K 35/12

(11) WO 03/026833 (13) A1

(21) PCT/US02/30034

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 09/962,007 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BALL BUMPING MACHINE AND TECHNIQUES

• MACHINE DE FORMATION DE BILLES ET TECHNIQUES CORRESPONDANTES

(71) SPHERETEK, LLC [US/US]; 1206F Moutain View Alviso Road, Sunnyvale, CA 94089 (US).

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

(72, 75) MACKAY, John [US/US]; 1566 Barberr Court, San Jose, CA 95121 (US). MOLINARO, Tom [US/US]; 33031 Grebe Court, Union City, CA 94587 (US).

(74) COHN, Howard, M.; 21625 Chagrin Blvd., Suite 220, Cleveland, OH 44122 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL

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

(51)<sup>7</sup> B23K 35/26, C22C 12/00

(11) WO 03/026834 (13) A1

(21) PCT/DE02/03396

(22) 12 Sep/sep 2002 (12.09.2002)

(25) de (26) de

(30) 101 47 378.8 26 Sep/sep 2001 DE (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LEAD-FREE SOFT SOLDER, ESPECIALLY ELECTRONICS SOLDER

• BRASAGE TENDRE DEPOURVU DE PLOMB, NOTAMMENT BRASAGE ELECTRONIQUE

(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; Karl-Theodor-Str. 69, 80803 München (DE).

(81) JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> B23K 35/363, H05K 3/34

(11) WO 03/026835 (13) A1

(21) PCT/JP02/09946

(22) 26 Sep/sep 2002 (26.09.2002)

(25) ja (26) ja

(30) 2001/295165 26 Sep/sep 2001 JP (26.09.2001)

(30) 2002/16301 25 Jan/jan 2002 JP (25.01.2002)

(30) 2002/16302 25 Jan/jan 2002 JP (25.01.2002)

(30) 2002/93702 29 Mar/mar 2002 JP (29.03.2002)

(30) 2002/97483 29 Mar/mar 2002 JP (29.03.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FLUX COMPOSITION FOR SOLDER, SOLDER PASTE, AND METHOD OF SOLDERING

• COMPOSITION DE FLUX POUR BRASURE, PÂTE A BRASER, ET PROCEDE DE BRASAGE

(71) NOF CORPORATION [JP/JP]; 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-0013 (JP).

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

(72, 75) SAITO, Shun [JP/JP]; 21-1-27, Kumano, Taketoyo-cho, Chita-gun, Aichi 470-2504 (JP). NAKASATO, Katsumi [JP/JP]; 2-10, Kasuga-cho, Handa-shi, Aichi 475-0923 (JP). KATO, Yukihiko [JP/JP]; 8, Nishimon, Taketoyo-cho, Chita-gun, Aichi 470-2345 (JP). NAKATA, Isao [JP/JP]; 1-2-15, Otsukawagennaibayashi-cho, Handa-shi, Aichi 475-0066 (JP).

(74) SAKAI, Hajime et al. / etc.; Shuwa Kioicho TBR Building, 7, Kojimachi 5-chome, Chiyoda-ku, Tokyo 102-0083 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B23P 6/00

(11) WO 03/026836 (13) A1

(21) PCT/US01/42326

(22) 27 Sep/sep 2001 (27.09.2001)

(25) en (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF CONVERTING A TRACTION MOTOR WITH SLEEVE BEARINGS TO ROLLER BEARINGS

• PROCEDE DE CONVERSION DES PALIERS A COUSSINET-DOUILLE D'UN MOTEUR DE TRACTION EN ROULEMENTS A ROULEAUX

(71) MAGNUS/FARLEY INC. [US/US]; 1300 Morningside Road, PO Box 1029, Fremont, NE 68026 (US).

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

(71, 72) MACKLIN, John [US/US]; 2507 Estes Drive, Fremont, NE 68025 (US). BIEN, Paul, R. [US/US]; 4808 Northcott Avenue, Downers Grove, IL 60515 (US). BOOR, Roger, M. [US/US]; 1698 Hidden Valley Drive, Bolingbrook, IL 60490 (US).

(74) HAMMAN & BENN et al. / etc.; 10 South LaSalle Street, Suite 3300, Chicago, IL 60603 (US).

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

(51)<sup>7</sup> B23Q 1/25, 3/04, B66F 3/08

(11) WO 03/026837 (13) A1

(21) PCT/JP02/07379

(22) 19 Jul/juil 2002 (19.07.2002)

(25) ja (26) ja

(30) 2001-285116 19 Sep/sep 2001 JP (19.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE FOR MOVING HEAVY ARTICLE HAVING LOAD REDUCING

- MECHANISM, AND WORK FIXING TABLE OF MACHINE TOOL
- DISPOSITIF POUR DEPLACER UN ARTICLE LOURD EQUIPE D'UN MECANISME DE REDUCTION DE CHARGE ET TABLE DE FIXATION DE PIECE POUR MACHINE OUTIL
- (71) YUGEN KAISHA NEWLY LABORATORY [JP/JP]; 58-58, Terayama, Hirono-cho, Uji-shi, Kyoto 611-0031 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ARAI, Takao [JP/JP]; c/o YUGEN KAISHA NEWLY LABORATORY, 58-58, Terayama, Hirono-cho, Uji-shi, Kyoto 611-0031 (JP).
- (74) FUJIMOTO, Noboru et al. / etc.; Sakaisuji-Inabata Bldg. 2F, 15-14, Minamisemba 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0081 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B23Q 1/62
- (11) WO 03/026838 (13) A1
- (21) PCT/SG01/00190
- (22) 24 Sep/sep 2001 (24.09.2001)
- (25) en (26) en
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DECOUPLED PLANAR POSITIONING SYSTEM
- SYSTEME DE POSITIONNEMENT PLANAIRE DECOUPLE
- (71) GINTIC INSTITUTE OF MANUFACTURING TECHNOLOGY [SG/SG]; 71 Nanyang Drive, Singapore 638075 (SG).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LIM, Ser, Yong [SG/SG]; c/o 71 Nanyang Drive, Singapore 638075 (SG). LIN, Wei [CN/SG]; c/o 71 Nanyang Drive, Singapore 638075 (SG). LEOW, Yong, Peng [SG/SG]; c/o 71 Nanyang Drive, Singapore 638075 (SG).
- (74) K.T. LIM & COMPANY; 101 Cecil Street #25-05, Tong Eng Building, Singapore 069533 (SG).
- (81) AU CA CN JP SG US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- 
- (51)<sup>7</sup> B23Q 3/157
- (11) WO 03/026839 (13) A1
- (21) PCT/JP02/08888
- (22) 2 Sep/sep 2002 (02.09.2002)
- (25) ja (26) ja
- (30) 2001-289577 21 Sep/sep 2001 JP (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • TOOL EXCHANGE DEVICE FOR MACHINE TOOL
- DISPOSITIF DE CHANGEMENT D'OUTIL POUR MACHINE OUTIL
- (71) MAKINO MILLING MACHINE CO., LTD. [JP/JP]; 3-19, Nakane 2-chome, Meguro-ku, Tokyo 152-8578 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MAEDA, Masahiro [JP/JP]; C/O MAKINO MILLING MACHINE CO., LTD., 3560-1, Katsuyama-mura, Minamitsuru-gun, Yamanashi 401-0310 (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) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> B23Q 11/00
- (11) WO 03/026840 (13) A1
- (21) PCT/DE02/02252
- (22) 20 Jun/juin 2002 (20.06.2002)
- (25) de (26) de
- (30) 101 45 577.1 15 Sep/sep 2001 DE (15.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HAND MACHINE TOOL WITH A DUST BOX
- MACHINE-OUTIL PORTATIVE MUNIE D'UNE BOITE POUR LA POUSSIERE
- (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) REICH, Doris [DE/DE]; Miraweg 4, 70565 Stuttgart (DE). WUENSCH, Steffen [DE/DE]; Panoramastrasse 43a, 71088 Holzgerlingen (DE).
- (81) CN US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)<sup>7</sup> B23Q 11/00, B25H 3/00, B24B 55/10, B23D 59/00
- (11) WO 03/026841 (13) A1
- (21) PCT/DE02/02597
- (22) 16 Jul/juil 2002 (16.07.2002)
- (25) de (26) de
- (30) 101 45 583.6 15 Sep/sep 2001 DE (15.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HAND-HELD MACHINE TOOL COMPRISING A DUST BOX
- MACHINE-OUTIL DOTEE D'UN COMPARTIMENT A POUSSIERE
- (71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
- (72) WUENSCH, Steffen; Panoramastrasse 43a, 71088 Holzgerlingen (DE).
- (81) CN JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> B23Q 11/00, 11/10
- (11) WO 03/026842 (13) A1
- (21) PCT/JP02/08887
- (22) 2 Sep/sep 2002 (02.09.2002)
- (25) ja (26) ja
- (30) 2001-289446 21 Sep/sep 2001 JP (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MACHINE TOOL
- MACHINE-OUTIL
- (71) MAKINO MILLING MACHINE CO., LTD. [JP/JP]; 3-19, Nakane 2-chome, Meguro-ku, Tokyo 152-8578 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MAEDA, Masahiro [JP/JP]; C/O MAKINO MILLING MACHINE CO., LTD., 3560-1, Katsuyama-mura, Minamitsuru-gun, Yamanashi 401-0310 (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) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> B23Q 11/10
- (11) WO 03/026843 (13) A1
- (21) PCT/DE02/03021
- (22) 16 Aug/août 2002 (16.08.2002)
- (25) de (26) de
- (30) 101 40 718.1 27 Aug/août 2001 DE (27.08.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND TOOL FOR THE MACHINING OF WORKPIECES WITH COOLING
- PROCEDE ET OUTIL D'USINAGE DE PIECES AVEC REFROIDISSEMENT
- (71) FORD-WERKE AG [DE/DE]; Henry-Ford-Strasse 1, 50735 Köln (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) JÄGER, Walter [DE/DE]; Osnabrücker Strasse 14, 49176 Hilter (DE).
- (72, 75) STOLL, Alexander [DE/US]; Ann Street 732, Plymouth, MI 48170 (US).
- (74) GRAMM, Werner; Gramm, Lins & Partner GbR, Theodor-Heuss-Strasse 1, 38122 Braunschweig (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT 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)<sup>7</sup> B24B

(11) WO 03/026844 (13) A2

(21) PCT/US02/20420

(22) 27 Jun/juin 2002 (27.06.2002)

(25) en (26) en

(30) 60/325,468 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IMPROVED BEARING ARRANGEMENT FOR A ROTARY STAGE  
• AGENCEMENT DE PALIER AMÉLIORÉ DESTINÉ À UN PLATEAU TOURNANT

(71, 72) MAURO, George [US/US]; 26 Keewaydin Drive, Suite B, Salem, NH 03079 (US).

(74) DAVIS, Anthony. G., M. et al. / etc.; Davis & Bujold, P.L.L.C., Fourth Floor, 500 North Commercial Street, Manchester, NH 03101 (US).

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

(51)<sup>7</sup> B24B

(11) WO 03/026845 (13) A2

(21) PCT/US02/30999

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 60/325,621 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ROTOR AND COUNTER KNIFE FOR A ROTARY GRINDER

• ROTOR ET CONTRE-LAME POUR MEULEUSE ROTATIVE

(71) REPUBLIC WELDING COMPANY [US/US]; 3000 West Broadway, Louisville, KY 40211 (US).

(72) SOTSKY, George, R.; 3805 Wilderness Trail, Louisville, KY 40299 (US).

(74) EAVES, James, C., Jr. et al. / etc.; Greenebaum Doll & McDonald PLLC, 3300 National City Tower, 101 South 5th Street, Louisville, KY 40202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B24B 13/06, 49/04, 49/12, G01B 11/30, B24C 1/08

(11) WO 03/026846 (13) A1

(21) PCT/NL02/00590

(22) 13 Sep/sep 2002 (13.09.2002)

(25) nl (26) en

(30) 1018943 13 Sep/sep 2001 NL (13.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR POLISHING A WORKPIECE SURFACE

• PROCÉDE ET DISPOSITIF DE POLISSAGE DE LA SURFACE D'UNE PIÈCE

(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) VAN BRUG, Hedser [NL/NL]; Hofzoom 18, NL-2614 VD Delft (NL).

(74) PRINS, A., W.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B24B 37/04, 49/12

(11) WO 03/026847 (13) A1

(21) PCT/DK02/00610

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) PA 2001 01391 24 Sep/sep 2001 DK (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A METHOD AND APPARATUS FOR IN-LINE MEASUREMENT OF MATERIAL REMOVAL DURING A POLISHING OR GRINDING PROCESS

• PROCÉDE ET APPAREIL DE MESURE D'ÉLIMINATION DE MATIÈRE EN LIGNE DURANT UN PROCÉDE DE POLISSAGE OU DE MEULAGE

(71) STRUERS A/S [DK/DK]; Valhojs Allé 176, DK-2610 Rødovre (DK).

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

(72, 75) HANSEN, Jesper, Rømer [DK/DK]; Danshøjvej 5, 1.tv., DK-2500 Valby (DK).

(74) HOFMAN-BANG ZACCO A/S; Hans Bekkevolds Allé 7, DK-2900 Hellerup (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B24B 55/10, B23Q 11/00

(11) WO 03/026848 (13) A1

(21) PCT/DE02/02570

(22) 10 Jul/juil 2002 (10.07.2002)

(25) de (26) de

(30) 101 45 040.0 13 Sep/sep 2001 DE (13.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HAND MACHINE-TOOL COMPRISING A DUST EXTRACTION DEVICE

• MACHINE-OUTIL À MAIN AVEC DISPOSITIF D'ASPIRATION DE POUSSIERE

(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) REICH, Doris [DE/DE]; Miraweg 4, 70565 Stuttgart (DE). WUENSCH, Stefan [DE/DE]; Panoramastrasse 43a, 71088 Holzgerlingen (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B24D 3/28, 11/00

(11) WO 03/026849 (13) A1

(21) PCT/US02/30022

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 09/961,850 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COATED ABRASIVES COMPRISING A PLURALITY OF SHAPED ABRASIVE STRUCTURES

• ABRASIFS APPLIQUES COMPRENANT UNE PLURALITE DE STRUCTURES ABRASIVES FACONNEES

(71) SAINT-GOBAIN ABRASIVES, INC. [US/US]; 1 New Bond Street, Worcester, MA 01615-0138 (US).

(72) NEVORET, Damien, Cyrille; 435 #3 Delta Road, Amherst, NY 14226 (US). SWEI, Gwo, Shin; 8430 Avnonside Court, East Amherst, NY 14051 (US).

(74) BUJOLD, Michael, J.; Davis & Bujold, P.L.L.C., 4th Floor, 500 North Commercial Street, Manchester, NH 03101 (US) et al. / etc.

(81) AU BR CA DE GB JP MX.

(51) B24D 13/14, 13/16

(11) WO 03/026850 (13) A1

(21) PCT/FR02/03025

(22) 5 Sep/sep 2002 (05.09.2002)

(25) fr (26) fr

(30) 01/12462 27 Sep/sep 2001 FR (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ABRASIVE TOOL WITH COILED BAND SAW BLADE AND METHOD FOR MAKING SAME

• OUTIL ABRASIF AVEC UNE LAME DE SCIE A RUBAN EMBOBINEE ET PROCEDE DE FABRICATION

(71, 72) BELKHIRIA, Khaled [TN/TN]; 9 rue du Maroc, TN-2070 La Marsa (TN). BOURGUIBA, Mahdi [FR/SE]; 16-5tr Värtavägen, S-115 24 Stockholm (SE).

(74) ERNEST GUTMANN-YVES PLESSER-AUD S.A. et al. / etc.; 3, rue Chauveau-Lagarde, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B24D 15/02, B23D 71/04

(11) WO 03/026851 (13) A1

(21) PCT/GB02/04325

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 0123089.5 26 Sep/sep 2001 GB (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DOOR DRESSING TOOL

• OUTIL DE DRESSAGE POUR PORTES

(71, 72) COOMBES, James, Eric [GB/GB]; 1 West Garth Court, Cowley Bridge Road, Exeter, Devon EX4 5HY (GB).

(74) CRASKE, Stephen, Allan; CRASKE & Co., Patent Law Chambers, 15 Queens Terrace, EXETER, Devon EX4 4HJ (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B25B 13/46

(11) WO 03/026852 (13) A1

(21) PCT/US02/30377

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 60/325,880 27 Sep/sep 2001 US (27.09.2001)

(30) 60/346,535 8 Jan/jan 2002 US (08.01.2002)

(30) 60/380,343 13 May/mai 2002 US (13.05.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PASS THROUGH SOCKET AND RATCHET WRENCH COMBINATION

• DOUILLE TRAVERSANTE ET COMBINAISON DE CLE A CLIQUET

(71, 72) BARNETT, Franklin, E. [US/US]; 1407 Colorado, La Junta, CO 81050 (US). SMITH, Brian, D. [US/US]; 8863 S. Maplewood Drive, Highlands Ranch, CO 80126 (US).

(74) SMITH, Brian, D. et al. / etc.; Brian D. Smith, P.C., 1200 Seventeenth Street, Suite 1700, Denver, CO 80202 (US).

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

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B25J

(11) WO 03/026853 (13) A2

(21) PCT/EP02/10228

(22) 12 Sep/sep 2002 (12.09.2002)

(25) de (26) de

(30) 201 15 549.4 21 Sep/sep 2001 DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • VACUUM MANIPULATION DEVICE

• DISPOSITIF DE MANIPULATION SOUS VIDE

(71) FESTO AG & CO [DE/DE]; Rüter Strasse 82, 73734 Esslingen (DE).

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

(72, 75) GEBAUER, Günter [DE/DE]; Obere Beutau 1, 73728 Esslingen (DE). SCHNATTERER, Jürgen [DE/DE]; Wilhelmstrasse 11/1, 72649 Wolfschlugen (DE).

(74) REIMOLD, Otto et al. / etc.; Patentanwälte Magenbauer, Reimold, Vetter & Abel, Plochingen Strasse 109, 73730 Esslingen (DE).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B26B 19/04

(11) WO 03/026854 (13) A1

(21) PCT/JP02/09804

(22) 24 Sep/sep 2002 (24.09.2002)

(25) ja (26) ja

(30) 2001-292456 25 Sep/sep 2001 JP (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • RECIPROCATION TYPE ELECTRIC SHAVER

• RASOIR ELECTRIQUE DU TYPE A MOUVEMENT DE VA-ET-VIENT

(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) SHIBA, Takeshi [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048 Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). SATO, Masaaki [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). MOTOHASHI, Ryou [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP).

(74) ITAYA, Yasuo; Itaya, Matsusaka & Associates, Tokushima Bldg., 9-10, Minamisemba

3-chome, Chuo-ku, Osaka-shi, Osaka 542-0081 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B26F 1/12, B21D 28/20, 28/26

(11) WO 03/026855 (13) A1

(21) PCT/SE02/01773

(22) 27 Sep/sep 2002 (27.09.2002)

(25) sv (26) en

(30) 0103227-5 27 Sep/sep 2001 SE (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PUNCH  
• PERFORATRICE

(71) BRAIN INVEST INTERNATIONAL AB [SE/SE]; Storgatan 17, S-352 31 Växjö (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) POTTHOFF, Klaus [DE/SE]; Storgatan 17, S-352 31 Växjö (SE). HERMANNSSON, Per [SE/SE]; Ringmursvägen 13, S-352 62 Växjö (SE).

(74) H. SIEBMANN, GOTAPATENT AB; Box 154, S-561 22 Huskvarna (SE).

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

(51)<sup>7</sup> B26F 3/00

(11) WO 03/026856 (13) A1

(21) PCT/JP02/08795

(22) 30 Aug/août 2002 (30.08.2002)

(25) ja (26) ja

(30) 2001-286815 20 Sep/sep 2001 JP (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PRODUCTION METHOD OF LAMINATED CERAMIC ELECTRONIC COMPONENT AND ELECTRONIC APPARATUS  
• PROCÉDE DE PRODUCTION D'UN COMPOSANT ELECTRONIQUE CERAMIQUE LAMINE ET APPAREIL ELECTRONIQUE

(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) SAWADA, Muneyuki [JP/JP]; 3-14-223, Miyukihigashimachi, Neyagawa-shi, Osaka 572-0055 (JP). KATSUMURA, Hidenori [JP/JP]; 5-5-12-1112, Uozakiminamimachi, Higashinada-ku, Kobe-shi, Hyogo 658-0025 (JP).

(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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B27B

(11) WO 03/026857 (13) A2

(21) PCT/US02/30219

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/963,604 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COAXIAL SPINDLE CUTTING SAW  
• SCIE A BROCHES COAXIALES

(71, 72) RAZON, Eli [US/US]; 1478 Dillion Road, Maple Glen, PA 19002 (US).

(74) SOWELL, John, B.; 182 Midfield Road, Ardmore, PA 19003-3213 (US).

(81) CN JP KR SG.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B27M

(11) WO 03/026858 (13) A2

(21) PCT/KR02/01816

(22) 26 Sep/sep 2002 (26.09.2002)

(25) ko (26) en

(30) 2001/59553 26 Sep/sep 2001 KR (26.09.2001)

(30) 2001/59554 26 Sep/sep 2001 KR (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A DEVICE FOR PRODUCING A PROFILE HAVING A WOOD PATTERN  
• DISPOSITIF POUR LA FABRICATION DE PROFIL A MOTIF EN BOIS

(71) KOREA PLASYS COPORATION [KR/KR]; 626-9 Majeon-dong, Seo-gu, 404-820 Inchun-si (KR).

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

(71, 72) LEE, Moon-Jae [KR/KR]; 1606-2202 Love Town Apartment, Sang-dogn, Wonmi-gu, Bucheon-si, 420-701 Kyounggi-do (KR).

(74) BAEK, Seung-Nam; 401 Keun-Young Building, 735-32 Yeoksam-dong, Kangnam-ku, 135-080 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B27N 3/00

(11) WO 03/026859 (13) A1

(21) PCT/DE02/02618

(22) 17 Jul/juillet 2002 (17.07.2002)

(25) de (26) de

(30) 101 44 793.0 12 Sep/sep 2001 DE (12.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR RECOVERING CHIPS AND FIBERS FROM TIMBER-DERIVED PRODUCTS

• PROCÉDE DE RECUPERATION DE COPEAUX ET DE FIBRES PROVENANT DE PIECES RESIDUELLES DERIVEES DU BOIS

(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) MICHANICKL, Andreas [DE/DE]; Egerlandstrasse 22, 83071 Stephanskirchen-Haidholzen (DE). BOEHME, Christian [DE/DE]; Am Papenbusch 11, 38527 Meine (DE).

(74) GRAMM, Werner; Gramm, Lins & Partner GbR, Theodor-Heuss-Strasse 1, 38122 Braunschweig (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 SI 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 IE IT LU MC NL PT SE 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 SD SE SG  
SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT 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)<sup>7</sup> B28B 7/26

(11) WO 03/026860 (13) A1

(21) PCT/EP02/09083

(22) 14 Aug/août 2002 (14.08.2002)

(25) de (26) de

(30) 101 46 344.8 20 Sep/sep 2001 DE  
(20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MOLD USED FOR PRODUCING  
MOLDED BODIES• MOULE POUR LA REALISATION DE  
CORPS MOULES(71) KOBRA FORMEN GMBH [DE/DE];  
Gewerbegebiet, 08485 Lengsfeld (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) BRAUNGARDT, Rudolf [DE/DE];  
08485 Pechtelgrün (DE). SCHMUCKER,  
Erwin [DE/DE]; Weute Strasse 12, 89601  
Schelklingen (DE).(74) WEBER, Gerhard; Rosengasse 13, 89073  
Ulm (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B28D 5/00, B23K 26/36, C03B 33/02,  
33/09

(11) WO 03/026861 (13) A1

(21) PCT/JP02/09742

(22) 20 Sep/sep 2002 (20.09.2002)

(25) ja (26) ja

(30) 2001/289620 21 Sep/sep 2001 JP  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR SCRIBING SUB-  
STRATE OF BRITTLE MATERIAL  
AND SCRIBER• PROCEDE POUR ECRIRE SUR UN  
SUBSTRAT DE MATERIAU FRIABLE  
ET POINTE A TRACER(71) MITSUBOSHI DIAMOND INDUS-  
TRIAL CO., LTD. [JP/JP]; 12-12, Mi-  
namikaneden 2-chome, Suita-shi, Osaka  
564-0044 (JP).(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) MATSUMOTO, Masato [JP/JP]; c/o  
MITSUBOSHI DIAMOND INDUSTRIAL  
CO., LTD., 12-12, Minamikaneden 2-chome,  
Suita-shi, Osaka 564-0044 (JP). GONOE,  
Tougo [JP/JP]; c/o MITSUBOSHI DIA-  
MOND INDUSTRIAL CO., LTD., 12-12,  
Minamikaneden 2-chome, Suita-shi, Osaka  
564-0044 (JP).(74) YAMAMOTO, Shusaku et al. / etc.;  
Fifteenth Floor, Crystal Tower, 2-27, Shi-  
romi 1-chome, Chuo-ku, Osaka-shi, Osaka  
540-6015 (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)<sup>7</sup> B29B 17/00, C10B 53/00, C10L 5/48,  
C21B 5/00

(11) WO 03/026862 (13) A1

(21) PCT/JP02/02795

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-288126 21 Sep/sep 2001 JP  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF MANUFACTURING  
WASTE GRANULATED PLASTICS,  
AND METHOD FOR THERMAL DE-  
COMPOSITION OF THE PLASTICS• PROCEDE DE RECUPERATION DE  
DECHETS CONTENANT DES MA-  
TIERES PLASTIQUES ET PROCEDE  
DE DECOMPOSITION THERMIQUE  
DE CES MATIERES PLASTIQUES(71) NIPPON STEEL CORPORATION  
[JP/JP]; 6-3, Otemachi 2-chome, Chiy-  
oda-ku, Tokyo 100-8071 (JP).(72) IBARAKI, Tetsuharu; C/O NIPPON  
STEEL CORPORATION KIMITSU  
WORKS, 1, Kimitsu, Kimitsu-shi, Chiba  
299-1193 (JP). IKEDA, Motoki; C/O NIP-  
PON STEEL CORPORATION KIMITSU  
WORKS, 1, Kimitsu, Kimitsu-shi, Chiba  
299-1193 (JP). KOSEKI, Tsuneo; C/O NIP-  
PON STEEL CORPORATION KIMITSU  
WORKS, 1, Kimitsu, Kimitsu-shi, Chiba  
299-1193 (JP). GOTO, Hiroki; C/O NIP-  
PON STEEL CORPORATION KIMITSU  
WORKS, 1, Kimitsu, Kimitsu-shi, Chiba  
299-1193 (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) CN KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR  
IE IT LU MC NL PT SE TR).(51)<sup>7</sup> B29C

(11) WO 03/026863 (13) A1

(21) PCT/US02/22537

(22) 15 Jul/juillet 2002 (15.07.2002)

(25) en (26) en

(30) 09/967,110 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS AND METHOD OF COR-  
RECTING BOW IN A HONEYCOMB  
EXTRUDATE• APPAREIL ET PROCEDE DE CORREC-  
TION DU CINTRAGE D'UN EXTRU-  
DAT DE RAYON DE MIEL(71) CORNING INCORPORATED [US/US]; 1  
Riverfront Plaza, Corning, NY 14831 (US).(72) GROVER, Eugene, C.; 10089 Ryers Creek,  
Corning, NY 14830 (US). LUBBERTS,  
Robert, B.; 1982 County Route 102, Wood-  
hull, NY 14898 (US). PUTT, Richard, D.;  
1300 Battleground Court, Myrtle Beach, SC  
29579 (US).(74) GHEORGHU, Anca, C.; Corning Incorpo-  
rated, SP TI 3 1, Corning, NY 14831 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI SK SL TJ TM TN TR TT  
TZ UA UG UZ VN YU ZA ZM ZW.(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).(51)<sup>7</sup> B29C

(11) WO 03/026864 (13) A2

(21) PCT/US02/26546

(22) 21 Aug/août 2002 (21.08.2002)

(25) en (26) en

(30) 60/323,874 21 Sep/sep 2001 US  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PLURAL COLOR COMPONENT FILM  
LAMINATE PART AND METHOD OF  
MAKING SAME• PIECE STRATIFIEE EN FILM A COM-  
POSANTS DE PLUSIEURS COULEURS  
ET PROCEDE DE FABRICATION DE  
CETTE PIECE(71) GREEN TOKAI CO., LTD. [US/US]; 55  
Robert Wright Drive, Brookville, OH 45309-  
1902 (US).(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) YAMAMOTO, Hiroaki [JP/US]; 119  
Carter Court, Brookville, OH 45309 (US).(74) PEACOCK, Bruce, E. et al. / etc.; Biebel  
& French, 35 East First Street, Dayton, OH  
45402 (US).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)<sup>7</sup> B29C 33/38, B28B 3/02  
(11) WO 03/026865 (13) A1  
(21) PCT/JP02/08592  
(22) 27 Aug/août 2002 (27.08.2002)  
(25) ja (26) ja  
(30) 2001-286617 20 Sep/sep 2001 JP  
(20.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD OF MANUFACTURING CONCRETE MOLD  
• PROCEDE DE FABRICATION DE MOULE DE BETON  
(71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-0062 (JP).  
(72) TSUYUKI, Eiji; c/o Honda Giken Kogyo, Kabushiki Kaisha, 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-0062 (JP). MATSUMOTO, Koujiyu; c/o Honda Giken Kogyo, Kabushiki Kaisha, 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-0062 (JP). TAMASAKI, Noriaki; c/o Honda Giken Kogyo, Kabushiki Kaisha, 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-0062 (JP).  
(74) KOMATSU, Kiyomitsu; Rose Bay Ikebukuro Bldg. 8F C, 39-8, Nishi-Ikebukuro 2-chome, Toshima-ku, Tokyo 171-0021 (JP).  
(81) CA MX PH.

- (51)<sup>7</sup> B29C 41/14, A61F 2/12, 2/52  
(11) WO 03/026866 (13) A1  
(21) PCT/NL02/00611  
(22) 23 Sep/sep 2002 (23.09.2002)  
(25) nl (26) en  
(30) 1019023 24 Sep/sep 2001 NL  
(24.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • APPARATUS AND METHOD FOR MANUFACTURING A SILICONE COVER FOR A BREAST-IMPLANT  
• DISPOSITIF ET PROCEDE PERMETTANT DE FABRIQUER UNE ENVELOPPE EN SILICONE POUR UN IMPLANT MAMMAIRE  
(71) MENTOR MEDICAL SYSTEMS B.V. [NL/NL]; Einsteinweg 5, NL-2333 CC Leiden (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) SMIT, Jan, Johan, Hendrik [NL/NL]; Honingzwam 74, NL-2403 HR Alphen A/D Rijn (NL).  
(74) VAN BREDA, Jacques; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
Published / Publiée : (c)

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

- (51)<sup>7</sup> B29C 41/22, 41/32, 67/20, 69/00, B29D 9/00, C08J 9/32, C08K 3/00, 3/10, 3/26, 3/34, 11/00, C08L 67/00  
(11) WO 03/026867 (13) A1  
(21) PCT/US02/30941  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) en (26) en  
(30) 60/326,008 27 Sep/sep 2001 US  
(27.09.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)  
(54) • SIMULATED LIMESTONE AND METHOD OF PRODUCING THE SAME  
• SIMILI-PIERRE CALCAIRE ET PROCEDE PERMETTANT DE PRODUIRE CELLE-CI  
(71) CULTURED TRIM INC. [US/US]; 208 Louise Avenue, Hendersonville, TN 37075 (US).  
(72) NARDI, John, T.; 109 Grassland Drive, Galatin, TN 37066 (US). HARPER, James, P., Jr.; 609 Baton Rouge Court, Hermitage, TN 37076 (US).  
(74) SHOUSE, Emily, A.; Waddey & Patterson, 414 Union Street, Suite 2020, Nashville, TN 37219 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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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(11) WO 03/026868 (13) A1  
(21) PCT/DE02/03608  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) de (26) de  
(30) 101 47 303.6 26 Sep/sep 2001 DE  
(26.09.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD FOR THE PRODUCTION OF BEARING MATERIALS, BEARING MATERIALS PRODUCED BY SAID METHODS AND USE OF SAID BEARING MATERIALS  
• PROCEDE DE PRODUCTION DE MATERIAUX DE PALIER, CES MATERIAUX DE PALIER ET LEUR UTILISATION  
(71) FEDERAL-MOGUL WIESBADEN GMBH & CO. KG [DE/DE]; Stielstrasse 11, 65201 Wiesbaden (DE).

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

- (72, 75) ADAM, Achim [DE/DE]; Alte Mainzer Strasse 3, 64569 Nauheim (DE). FUCHS-BERGER, Stefan [DE/DE]; Martinsgasse 8, 65343 Eltville (DE). SCHLÜTER, Joachim [DE/DE]; Mosbacher Strasse 52, 65187 Wiesbaden (DE).  
(81) CN CZ JP KR PL SK US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

- (51)<sup>7</sup> B29C 45/14, H05B 3/86, B60S 1/02  
(11) WO 03/026869 (13) A1  
(21) PCT/FR02/03266  
(22) 25 Sep/sep 2002 (25.09.2002)  
(25) fr (26) fr  
(30) 101 47 537.3 26 Sep/sep 2001 DE  
(26.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD FOR MAKING A PLASTIC PANE WITH ELECTRICAL CONDUCTOR STRUCTURE AND PLASTIC PANE WITH EMBEDDED WIRES  
• PROCEDE POUR FABRIQUER UNE VITRE EN MATIERE PLASTIQUE AVEC UNE STRUCTURE DE CONDUCTEURS ELECTRIQUES ET VITRE EN MATIERE PLASTIQUE AVEC FILS NOYES

- (71) FREEGLASS GMBH & CO. KG [DE/DE]; Alfred-Schefenacker-Strasse 1, 71409 Schwaikheim (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) AENGENHEYSSTER, Gerald [DE/DE]; Agnes-Miegel-Strasse 9, 71642 Ludwigsburg (DE). BLANCHE, Luc-Henry [FR/DE]; Lerchenstrasse 27/1, 71409 Schwaikheim (DE).

- (74) LEBAS, Jean-Pierre; Saint-Gobain Recherche, 39, quai Lucien Lefranc, F-93300 Aubervilliers (FR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 03/026870 (13) A1  
(21) PCT/GB02/04142  
(22) 12 Sep/sep 2002 (12.09.2002)  
(25) en (26) en  
(30) 0123234.7 26 Sep/sep 2001 GB  
(26.09.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • A METHOD OF POTTING A COMPONENT
- PROCEDE D'ENROBAGE DE COMPOSANT EN BOITIER
- (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) GARNER, Paul, Anthony, James [GB/GB]; BAE Systems Advanced Technology Centre, West Hanningfield Road, Great Baddow, Chelmsford, Essex CM2 8HN (GB). MOORE, Ian, Anthony [GB/GB]; BAE Systems Advanced Technology Centre, West Hanningfield Road, Great Baddow, Chelmsford, Essex CM2 8HN (GB).
- (74) BAE SYSTEMS PLC; Group IP Dept., 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B29C 45/54
- (11) WO 03/026871 (13) A1
- (21) PCT/DE02/03008
- (22) 16 Aug/août 2002 (16.08.2002)
- (25) de (26) de
- (30) 101 44 280.7 8 Sep/sep 2001 DE (08.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND DEVICE FOR THE PRODUCTION OF INJECTION-MOULDED PRODUCTS
- PROCEDE ET DISPOSITIF DE PRODUCTION DE PRODUITS MOULES PAR INJECTION
- (71) SIG CORPOPLAST GMBH & CO. KG [DE/DE]; Meierendorfer Strasse 203, 22145 Hamburg (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SCHMITZ, Ralf [DE/DE]; Hauptstrasse 73, 22967 Tremsbüttel (DE).
- (74) KLICKOW, Hans-Henning et al. / etc.; Jessenstrasse 4, 22767 Hamburg (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> B29C 47/00
- (11) WO 03/026872 (13) A1
- (21) PCT/US02/29163
- (22) 13 Sep/sep 2002 (13.09.2002)
- (25) en (26) en
- (30) 09/960,133 21 Sep/sep 2001 US (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MELT FLOW COMPENSATION IN AN EXTRUSION APPARATUS
- COMPENSATION DE FLUX FONDU DANS UN APPAREIL D'EXTRUSION
- (71) STRATASYS, INC. [US/US]; 14950 Martin Drive, Eden Prairie, MN 55344-2020 (US).
- (72) COMB, James, W.; c/o Sratasys, Inc., 14950 Martin Drive, Eden Prairie, MN 55344-2020 (US).
- (74) CHAPMAN, Gena, M. et al. / etc.; Kinney & Lange, PA, Kinney & Lange Building, 312 South Third Street, Minneapolis, MN 55415-1002 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B29C 57/04
- (11) WO 03/026873 (13) A1
- (21) PCT/JP02/02867
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) ja (26) ja
- (30) 2001-289371 21 Sep/sep 2001 JP (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CYLINDRICAL MOLDING, AND PRODUCTION METHOD FOR THIS CYLINDRICAL MOLDING AND MOLDING DEVICE USED IN THIS PRODUCTION METHOD
- MOULAGE CYLINDRIQUE, PROCEDE DE PRODUCTION D'UN MOULAGE CYLINDRIQUE ET DISPOSITIF DE MOULAGE UTILISE DANS CE PROCEDE DE PRODUCTION
- (71) SEKISUI CHEMICAL CO., LTD. [JP/JP]; 4-4, Nishitemma 2-chome, Kita-ku, Osaka-shi, Osaka 530-8565 (JP).
- (72) WADA, Atsushi; c/o SEKISUI CHEMICAL CO., LTD., 2-2, Kamichoshi-cho, Kamitoba, Minami-ku, Kyoto-shi, Kyoto 601-8105 (JP). ITOU, Yoshikazu; c/o SEKISUI CHEMICAL CO., LTD., 2-2, Kamichoshi-cho, Kamitoba, Minami-ku, Kyoto-shi, Kyoto 601-8105 (JP). SHIRAHASE, Kazutaka; c/o SEKISUI CHEMICAL CO., LTD., 2-2, Kamichoshi-cho, Kamitoba, Minami-ku, Kyoto-shi, Kyoto 601-8105 (JP). SHINDE, Tsuyoshi; c/o SEKISUI CHEMICAL CO., LTD., 2-2, Kamichoshi-cho, Kamitoba, Minami-ku, Kyoto-shi, Kyoto 601-8105 (JP).
- (74) KURAUCHI, Giro; Sumitomoseimei Midouji Bldg. 14-3, Nishitemma 4-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (a)
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- (51)<sup>7</sup> B29C 63/06 // F16L 11/04, 11/22
- (11) WO 03/026874 (13) A1
- (21) PCT/US02/30865
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en
- (30) 60/325,224 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD OF MANUFACTURE FOR FLUID HANDLING POLYMERIC BARRIER TUBE
- PROCEDE DE PRODUCTION D'UN TUBE A BARRIERE POLYMERE DE MANIPULATION DE FLUIDES
- (71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
- (72) BERGEVIN, Kevin; 893 Everitt Avenue, Kingston, Ontario K7M 4R1 (CA). CAMPBELL, Greg, A.; 826 Marsh Crescent, Kingston, Ontario K7P 2R2 (CA). STEVENS, Kenneth, Earl; 1102 Palmerston Crescent, Kingston, Ontario K7P 2P5 (CA).
- (74) HAMBY, William, H.; E.I. Dupont De Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B29C 63/06, 65/18, F25D 39/02, F28F 1/22, 21/06
- (11) WO 03/026875 (13) A1
- (21) PCT/US02/30868
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en
- (30) 60/325,223 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD OF MANUFACTURE FOR FLUID HANDLING BARRIER RIBBON WITH POLYMERIC TUBES

• PROCEDE DE FABRICATION DE RUBAN BARRIERE DE TRAITEMENT DE FLUIDE A TUBES DE POLYMERE

(71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) BERGEVIN, Kevin; 893 Everitt Avenue, Kingston, Ontario K7M 4R1 (CA). CAMPBELL, Greg, A.; 826 Marsh Crescent, Kingston, Ontario K7P 2R2 (CA).

(74) HAMBLY, William, H.; E.I. Dupont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B29C 67/00

(11) WO 03/026876 (13) A2

(21) PCT/US02/31102

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,310 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • THREE-DIMENSIONAL PRINTER  
• IMPRIMANTE A TROIS DIMENSIONS

(71) Z CORPORATION [US/US]; 20 North Avenue, Burlington, MA 01803 (US).

(72) DAVIDSON, Thomas; 49 Claremont Avenue, Arlington, MA 02476 (US). PHILLIPS, Robert, A.; 12 Longmeadow Way, Acton, MA 01720 (US). HERNANDES, Andres, T.; 506 Royal Court, San Antonio, TX 78228 (US). RUSSELL, David, B.; 7 Baron Park Lane, Apt. 37, Burlington, MA 01803 (US). ROCHE, Kevin; 18 Dayton Street, Lowell, MA 01852 (US). ZENGERLE III, Walter, H.; 51 Oak Street, Dedham, MA 02026 (US). BERLIN, Andrew; 67 Montcalm Avenue, Brighton, MA 02135 (US). KINSLEY, Joshua, P.; 179 Brattle Street, Arlington, MA 02474 (US). SWEET-BLOCK, Benjamin, Daniel; 105 Norfolk Street, #3, Cambridge, MA 02139 (US). KISAI, Darul; 29 LRG Batai Barat, 50490 KL (MY).

(74) JOHNSON, Rodney, D. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B29C 70/44

(11) WO 03/026877 (13) A2

(21) PCT/US02/24283

(22) 31 Jul/juil 2002 (31.07.2002)

(25) en (26) en

(30) 09/919,034 1 Aug/août 2001 US (01.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS FOR MAKING COMPOSITE STRUCTURES AND METHOD FOR MAKING SAME  
• APPAREIL PERMETTANT DE FABRIQUER DES STRUCTURES COMPOSITES ET PROCEDE DE FABRICATION ASSOCIE

(71) LOCKHEED MARTIN CORPORATION [US/US]; 6801 Rockledge Drive, Bethesda, MD 20817 (US).

(72) SLAUGHTER, Steve; P.O. Box 901024, Palmdale, CA 93590 (US). FISH, John, C.; 19018 Saddleback Ridge, Santa Clarita, CA 91351 (US).

(74) TOWNER, Alan, G.; Pietragallo, Bosick & Gordon, One Oxford Centre, 38th Floor, 301 Grant Street, Pittsburgh, PA 15219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> B29D 7/00

(11) WO 03/026878 (13) A1

(21) PCT/US02/30551

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/324,875 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MOLDING SYSTEM WITH SELF-RELEASING MOVEABLE MEMBER  
• SYSTEME DE MOULAGE EQUIPE D'UN ELEMENT MOBILE A LIBERATION AUTOMATIQUE

(71) HUNSTMAN INTERNATIONAL LLC [US/US]; 500 Hunstman Way, Salt Lake city, UT 84108 (US).

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

(72, 75) MORIARTY, Christopher, J. [US/US]; 706 Harlequin Lane, Mullica Hill, NJ 08062 (US). MARCINKO, Joseph, J. [US/US]; 306 Snowgoose Lane, Mullica Hill, NJ 08062 (US).

(74) PEFFER, Nicole; Huntsman Polyurethanes, 286 Mantua Grove Road, West Deptford, NJ 08066-1732 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B32B

(11) WO 03/026879 (13) A2

(21) PCT/US02/27446

(22) 28 Aug/août 2002 (28.08.2002)

(25) en (26) en

(30) 09/963,232 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SHRINKABLE IRIDESCENT FILM  
• FILM IRIDESCENT RETRECISSABLE

(71) ENGELHARD CORPORATION [US/US]; 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830-0770 (US).

(72) GRANEY, Daniel, J.; 206 Todd Hill Road, LeGrangeville, NY 12540 (US).

(74) HAMPILOS, Gus, T. et al. / etc.; Engelhard Corporation, 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830-0770 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B32B 3/28

(11) WO 03/026880 (13) A1

(21) PCT/US02/30666

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/325,095 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • FLEXIBLE RADIATIVE HEAT SHIELD WITH CORRUGATED SUBSTRATE  
• PROTECTEUR THERMIQUE RADIA-TIF FLEXIBLE A SUBSTRAT ONDULE

(71) FEDERAL-MOGUL SYSTEMS PROTECTION GROUP, INC. [US/US]; 241 Welsh Pool Road, Exton, PA 19341 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) WHALEN, Timothy, S. [US/US]; 2624 Castlerock Court, Howell, MI 48843 (US).

(74) LINDROOTH, Charles, H. et al. / etc.; Synnestvedt & Lechner LLP, 2600 Aramark Tower, 1101 Market Street, Philadelphia, PA 19107-2950 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B32B 7/02, C08J 7/04, G02B 1/10

(11) WO 03/026881 (13) A1

(21) PCT/JP02/04364

(22) 1 May/mai 2002 (01.05.2002)

(25) ja (26) ja

(30) 2001-291250 25 Sep/sep 2001 JP (25.09.2001)

(30) 2001-311567 9 Oct/oct 2001 JP (09.10.2001)

(30) 2001-311569 9 Oct/oct 2001 JP (09.10.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HARD COAT FILM, BASE ON WHICH HARD COAT FILM IS FORMED, IMAGE DISPLAY HAVING THEM

- FILM DE REVETEMENT DUR, BASE SUR LAQUELLE CE FILM EST FORME, ET AFFICHAGE D'IMAGE COMPORTANT CEUX-CI

(71) FUJI PHOTO FILM CO., LTD. [JP/JP]; 210, Nakanuma, Minamiashigara-shi, Kanagawa 250-0193 (JP).

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

(72, 75) MATSUFUJI, Akihiro [JP/JP]; c/o Fuji Photo Film Co., Ltd., 210, Nakanuma, Minamiashigara-shi, Kanagawa 250-0193 (JP). MURAMATSU, Yuuzou [JP/JP]; c/o Fuji Photo Film Co., Ltd., 210, Nakanuma, Minamiashigara-shi, Kanagawa 250-0193 (JP). SAKURAI, Seiya [JP/JP]; c/o Fuji Photo Film Co., Ltd., 210, Nakanuma, Minamiashigara-shi, Kanagawa 250-0193 (JP). HATAYAMA, Kenichiro [JP/JP]; c/o Fuji Photo Film Co., Ltd., 210, Nakanuma, Minamiashigara-shi, Kanagawa 250-0193 (JP).

(74) NOGUCHI, Yasuhiro; Nishi-shimbashi-3-Mori Bldg., 4-10, Nishi-shimbashi 1-chome, Minato-ku, Tokyo 105-0003 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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).

(51)<sup>7</sup> B32B 15/04

(11) WO 03/026882 (13) A1

(21) PCT/US02/26661

(22) 22 Aug/août 2002 (22.08.2002)

(25) en (26) en

(30) 09/952,151 13 Sep/sep 2001 US (13.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMPOSITE FLYWHEEL RIM WITH CO-MINGLED FIBER LAYERS AND METHODS FOR MANUFACTURING SAME

- JANTE EN COMPOSITE DE VOLANT COMPORTANT DES COUCHES DE FIBRES ENTREMEELES, ET SES PROCEDES DE FABRICATION

(71) BEACON POWER CORPORATION [US/US]; 234 Ballardvale Street, Wilmington, MA 01887 (US).

(72) SPEARS, Ward, R.; 69 Wood Drive, Essex, MA 01929 (US). SHIREY, Cynthia, L.; 2 Winchester Street, Nashua, NH 03063 (US).

(74) CONLIN, David, G. et al. / etc.; Edwards & Angell, Llp, P.O. Box 9169, Boston, MA 02209 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B32B 15/04

(11) WO 03/026883 (13) A1

(21) PCT/US02/30201

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,409 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD FOR ENERGY-CONSERVING ROOFING

• SYSTEME ET PROCEDE POUR TOIT FAVORISANT L'ECONOMIE D'ENERGIE

(71, 72) AZARI, Shaun [US/US]; Apt. 4-o, 435 Central Park West, New York, NY 10025 (US). BIERMAN, Joshua, J. [US/US]; Apt. 3-b, 435 Central Park West, New York, NY 10025 (US).

(74) RICHARDS, John 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B32B 15/14, F16C 33/28

(11) WO 03/026884 (13) A1

(21) PCT/DE02/03609

(22) 24 Sep/sep 2002 (24.09.2002)

(25) de (26) de

(30) 101 47 302.8 26 Sep/sep 2001 DE (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR THE PRODUCTION OF SUPPORT MATERIALS, SUPPORT MATERIALS PRODUCED ACCORDING TO SAID METHOD AND USE OF SAID SUPPORT MATERIALS

- PROCEDE POUR REALISER DES MATERIAUX DE SUPPORT, MATERIAUX DE SUPPORT FABRIQUES SELON CE PROCEDE ET LEUR UTILISATION

(71) FEDERAL-MOGUL WIESBADEN GMBH & CO. KG [DE/DE]; Stielstrasse 11, 65201 Wiesbaden (DE).

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

(72, 75) ADAM, Achim [DE/DE]; Alte Mainzer Strasse 3, 64569 Nauheim (DE). FUCHS-BERGER, Stefan [DE/DE]; Martinsgasse 8, 65343 Eltville (DE). SCHLÜTER, Joachim [DE/DE]; Mosbacher Strasse 52, 65187 Wiesbaden (DE).

(81) CN CZ JP KR PL SK US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> B32B 17/00, H01S 3/13, H01F 41/00, H05B 6/00, G21G 5/00

(11) WO 03/026885 (13) A1

(21) PCT/US02/27911

(22) 30 Aug/août 2002 (30.08.2002)

(25) en (26) en

(30) 60/316,477 31 Aug/août 2001 US (31.08.2001)



(30) 10/230,747 **29 Aug/août 2002** US  
(29.08.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LASER STIMULATED SYMPATHETIC VIBRATION OF MOLECULAR STRUCTURE OF A BODY

• VIBRATION SYNCHRONNE STIMULEE PAR LASER DE LA STRUCTURE MOLECULAIRE D'UN CORPS

(71, 72) **BALOBECK, Joseph, J., Jr.** [US/US]; 7029 Lowrie Street, Pittsburgh, PA 15212 (US).

(74) **LOGSDON, William, H.** 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 (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> **B32B 18/00, C04B 37/00**

(11) **WO 03/026886** (13) A2

(21) PCT/US02/29343

(22) **17 Sep/sep 2002 (17.09.2002)**

(25) en (26) en

(30) 09/963,278 **26 Sep/sep 2001** US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HYBRID CERAMIC MATERIAL COMPOSED OF INSULATING AND STRUCTURAL CERAMIC LAYERS

• MATERIAU CERAMIQUE HYBRIDE A COUCHES ISOLANTE ET STRUCTURELLE EN CERAMIQUE

(71) **SIEMENS WESTINGHOUSE POWER CORPORATION** [US/US]; 4400 Alafaya Trail, Orlando, FL 32826-2399 (US).

(72) **MORRISON, Jay, A.**; 2423 Turnberry Drive, Oviedo, FL 32765 (US). **BURKE, Michael, A.**; 4723 Wallingford Street, Pittsburgh, PA 15213 (US). **MERRILL, Gary, B.**; 12206 Shadowbrook Lane, Orlando, FL 32828 (US). **LANE, Jay, E.**; 4468 Maple Lane, Murrysville, PA 15668 (US).

(74) **MUSONE, John, P.** et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).

(81) CA JP

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> **B32B 18/00**

(11) **WO 03/026887** (13) A2

(21) PCT/US02/29344

(22) **17 Sep/sep 2002 (17.09.2002)**

(25) en (26) en

(30) 09/962,733 **24 Sep/sep 2001** US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CERAMIC MATRIX COMPOSITE STRUCTURE HAVING INTEGRAL COOLING PASSAGES AND METHOD OF MANUFACTURE

• STRUCTURE COMPOSITE A MATRI-  
CE CERAMIQUE COMPORTANT  
DES CONDUITS DE REFROIDISSE-  
MENT A PASSAGE INTEGRAL ET  
PROCEDE DE FABRICATION

(71) **SIEMENS WESTINGHOUSE POWER CORPORATION** [US/US]; 4400 Alafaya Trail, Orlando, FL 32826-2399 (US).

(72) **MORRISON, Jay**; 2423 Turnberry Drive, Oviedo, FL 32765 (US). **BUTNER, Steven, C.**; 13460 Pequot Drive, Poway, CA 92064 (US). **CAMPBELL, Christian, X.**; 476 Canary Island Court, Orlando, FL 32828 (US). **ALBRECHT, Harry, A.**; 9036 S.E. Mars Street, Hobe Sound, FL 33456 (US). **SHTEYMAN, Yevgeuiy**; 5600 N. Flagler Drive, West Palm Beach, FL 33407 (US).

(74) **SWANSON, Erik, C.** et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).

(81) JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> **B32B 27/28, 27/30, 15/08, B05D 03/00, 03/02, C08L 63/00, C08F 08/30**

(11) **WO 03/026888** (13) A1

(21) PCT/US02/30332

(22) **25 Sep/sep 2002 (25.09.2002)**

(25) en (26) en

(30) 09/964,181 **25 Sep/sep 2001** US  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AUTODEPOSITION COMPOSITIONS

• COMPOSITIONS A AUTODEPOSITION

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, 40589 Duesseldorf (DE).

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

(72, 75) **WELLER, Christopher, G.** [US/US]; 1305 N. Wilson Avenue, Royal Oak, MI 48067 (US). **SIEBERT, Elizabeth, J.** [US/US]; 1351 Cedar, Birmingham, MI 48009 (US). **YANG, Zhiqi** [US/US]; 2395 Sweet Drive, Troy, MI 48098 (US). **AGARWAL, Rajat, K.** [US/US]; 4774 Pine Eagles Drive, Brighton, MI 48116 (US). **FRISTAD, William, E.** [US/US]; 3724 Newcastle Drive, Rochester Hills, MI 48306 (US). **BAMMEL, Brian, D.** [US/US]; 447 Parkland Drive, Rochester Hills, MI 48307 (US).

(74) **HARPER, Stephen, D.**; Henkel Corporation, Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B32B 27/32, B65D 65/40**

(11) **WO 03/026889** (13) A1

(21) PCT/JP02/09487

(22) **17 Sep/sep 2002 (17.09.2002)**

(25) ja (26) ja

(30) 2001-286628 **20 Sep/sep 2001** JP  
(20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PACKAGING MATERIAL FOR CONTAINER BEING EASY TO OPEN

• MATERIAU D'EMBALLAGE POUR RECIPIENT FACILE A OUVRIR

(71) **TETRA LAVAL HOLDINGS & FINANCE S.A.** [CH/CH]; 70, avenue Général-Guisan, CH-1009 Pully (CH).

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

(72, 75) **IKENOYA, Tadakatsu** [JP/JP]; c/o NIHON TETRA PAK K.K., 6-12, Kioicho, Chiyoda-ku, Tokyo 102-8544 (JP).

(74) **SHIMIZU, Shozo**; c/o Intellectual Property Department, R & D, Nihon Tetra Pak K.K., 755-1, JinbaUenohara, Gotenba-shi, Shizuoka 412-0047 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B32B 27/32**

(11) **WO 03/026890** (13) A1

(21) PCT/JP02/09837

(22) **25 Sep/sep 2002 (25.09.2002)**

(25) ja (26) ja

(30) 2001/293386 **26 Sep/sep 2001** JP  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LAMINATED FILM

• FILM LAMINE

(71) JAPAN POLYCHEM CORPORATION [JP/JP]; 10-1, Yuraku-cho 1-chome, Chiyoda-ku, Tokyo 100-0006 (JP).

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

(72, 75) YAMASHITA, Takashi [JP/JP]; c/o Japan Polychem Corporation, Products Research and Development Center, 1, Toho-cho, Yokkaichi-shi, Mie 510-0848 (JP). KANAI, Gen [JP/JP]; c/o Japan Polychem Corporation, Products Research and Development Center, 1, Toho-cho, Yokkaichi-shi, Mie 510-0848 (JP).

(74) MIYAKOSHI, Noriaki; Shin-ei Patent Office, 29th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6029 (JP).

(81) CN KR US.

(51)<sup>7</sup> B32B 27/32, 27/20, B65D 65/40

(11) WO 03/026891 (13) A1

(21) PCT/US02/30191

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,547 26 Sep/sep 2001 US (26.09.2001)

(30) 60/328,431 12 Oct/oct 2001 US (12.10.2001)

(30) 10/234,150 5 Sep/sep 2002 US (05.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • POLYOLEFIN OIL RESISTANT FILM USING VOID INITIATING SOLID PARTICLES

• FILM POLYOLEFINIQUE RESISTANT A L'HUILE A PARTICULES SOLIDES GENERATRICES DE VIDES

(71) TORAY PLASTICS (AMERICA), INC. [US/US]; 50 Belver Avenue, North Kingstown, RI 02852-7500 (US).

(72) SU, Tien-Kuei; c/o Toray Plastics (America), Inc., 50 Belver Avenue, North Kingstown, RI 02852-7500 (US). MOREAU, Leo; c/o Toray Plastics (America), Inc., 50 Belver Avenue, North Kingstown, RI 02852-7500 (US). KITCHIN, Kevin; c/o Toray Plastics (America), Inc., 50 Belver Avenue, North Kingstown, RI 02852-7500 (US).

(74) DAVE', Raj, S. et al. / etc.; Morrison & Foerster LLP, 1650 Tysons Boulevard, Suite 300, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)<sup>7</sup> B32B 27/36, B65D 77/20, 65/40

(11) WO 03/026892 (13) A1

(21) PCT/GB02/04304

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 0122937.6 24 Sep/sep 2001 GB (24.09.2001)

(30) 0210379.4 7 May/mai 2002 GB (07.05.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTI-LAYER POLYMERIC FILM FOR PACKAGING OVENABLE MEALS

• FILM POLYMERES MULTICOUCHE POUR EMBALLAGE DE REPAS A RECHAUFFER AU FOUR

(71) DUPONT TEIJIN FILMS U.S. LIMITED PARTNERSHIP [US/US]; Building 27, Barley Mill Plaza, Routes 141 & 48, Wilmington, DE 19805 (US).

(only for / seulement pour US)

(72, 75) DAWES, Mark, Edward [GB/GB]; P.O. Box 2002, Wilton, Middlesbrough TS90 8JF (GB).

(74) COCKERTON, Bruce, Roger et al. / etc.; Carpaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B41F 15/40, B05C 1/10, B41F 15/42

(11) WO 03/026893 (13) A1

(21) PCT/DE02/02934

(22) 9 Aug/août 2002 (09.08.2002)

(25) de (26) de

(30) 101 47 601.9 26 Sep/sep 2001 DE (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COATING DEVICE

• DISPOSITIF POUR APPLIQUER UN REVETEMENT

(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) STOLTEN, Detlef [DE/DE]; Sperberweg 2, 52076 Aachen (DE). DOHLE, Hendrik [DE/DE]; Schrieffstrasse 32, 52224

Stolberg (DE). MERGEL, Jürgen [DE/DE]; Jan-van-Verth-Strasse 96, 52428 Jülich (DE).

(74) FORSCHUNGSZENTRUM JÜLICH GMBH; Fachbereich Patente, 52425 Jülich (DE).

(81) CA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B41J 2/01, 2/175

(11) WO 03/026894 (13) A1

(21) PCT/US02/29016

(22) 12 Sep/sep 2002 (12.09.2002)

(25) en (26) en

(30) 09/954,778 18 Sep/sep 2001 US (18.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MANUALLY ACTUATED CARRIER LATCH MECHANISM

• MECANISME DE BLOCAGE DU CHARIOT A DECLINEMENT MANUEL

(71) LEXMARK INTERNATIONAL, INC. [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).

(72) BAILEY, Thomas, Allen; 133 Mallard Drive, Frankfort, KY 40601 (US). NARO, Brian, Andrew; 2796 Red Leaf Drive, Lexington, KY 40509 (US). SMITH, Herman, Anthony; 3293 McClure Road, Winchester, KY 40391 (US).

(74) JACOBS, Elisabeth, C.; Lexmark International, Inc., Intellectual Property Law Dept, 740 West New Circle Road, Lexington, KY 40550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B41J 2/045, 2/175, B41M 5/00, C09D 11/00

(11) WO 03/026895 (13) A1

(21) PCT/IP02/09591

(22) 18 Sep/sep 2002 (18.09.2002)

(25) ja (26) ja

(30) 2001-284919 19 Sep/sep 2001 JP (19.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • INK-JET RECORDING HEAD, INK CARTRIDGE, AND RECORDING APPARATUS

• TETE D'IMPRESSION A JET D'ENCRE, CARTOUCHE D'ENCRE ET DISPOSITIF D'IMPRESSION

(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) SOGA, Mamoru [JP/JP]; 2-5-15, Koyodai, Tondabayashi-shi, Osaka 584-0082 (JP). MINODA, Takatoshi [JP/JP]; 1330-21, Miyoshi, Nishigoshimachi, Kikuchi-gun, Kumamoto 861-1104 (JP). ARASE, Hidekazu [JP/JP]; 4-1-2-706, Wakihama-kaigandori, Chuo-ku, Kobe-shi, Hyogo 651-0073 (JP). TATEKAWA, Masaichiro [JP/JP]; 8-13-11, Minoo, Minoo-shi, Osaka 562-0001 (JP).

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

(81) JP US.

(51)<sup>7</sup> B41J 2/045

(11) WO 03/026896 (13) A1

(21) PCT/JP02/09645

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 2001-286044 20 Sep/sep 2001 JP (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AN ELECTROSTATIC INK JET HEAD AND A RECORDING APPARATUS

• TETE D'IMPRESSION ELECTROSTATIQUE A JET D'ENCRE ET APPAREIL D'ENREGISTREMENT

(71) RICOH COMPANY, LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555 (JP).

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

(72, 75) TANAKA, Shinji [JP/JP]; 1-1-303, Midorigaoka 3-chome, Zama-shi, Kanagawa 228-0021 (JP).

(74) ITOH, TADAHIKO; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) CN SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B41J 2/045

(11) WO 03/026897 (13) A1

(21) PCT/JP02/09646

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 2001-287270 20 Sep/sep 2001 JP (20.09.2001)

(30) 2001-320420 18 Oct/oct 2001 JP (18.10.2001)

(30) 2002-036121 14 Feb/fév 2002 JP (14.02.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IMAGE RECORDING APPARATUS AND HEAD DRIVING CONTROL APPARATUS

• APPAREIL D'ENREGISTREMENT D'IMAGES ET APPAREIL DE COMMANDE D'ENTRAÎNEMENT DE TETE

(71) RICOH COMPANY, LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555 (JP).

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

(72, 75) KUSUNOKI, Masanori [JP/JP]; 25-22-1-101, Nakagawa 4-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0001 (JP). SHINGYOHUCHI, Mitsuru [JP/JP]; 6-27-202, Nara 3-chome, Aoba-ku, Yokohama-shi, Kanagawa 227-0038 (JP).

(74) ITOH, TADAHIKO; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) CN SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B41J 2/445, G02F 1/1343

(11) WO 03/026898 (13) A1

(21) PCT/JP02/09824

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001/292963 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LIQUID CRYSTAL SHUTTER DEVICE  
• DISPOSITIF A DIAPHRAGME A CRISTAUX LIQUIDES

(71) CITIZEN WATCH CO., LTD. [JP/JP]; 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).

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

(72, 75) SEKIGUCHI, Kanetaka [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP). MASUBUCHI, Sadao [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).

(74) OSAWA, Takashi; Room 818, Ikebukuro White House, Bldg., 20-2, Higashi-Ikebukuro, 1-chome, Toshima-ku, Tokyo 170-0013 (JP).

(81) CN JP US.

Published / Publiée : (c)

(51)<sup>7</sup> B41M 5/00

(11) WO 03/026899 (13) A1

(21) PCT/JP02/09659

(22) 20 Sep/sep 2002 (20.09.2002)

(25) ja (26) ja

(30) 2001-286306 20 Sep/sep 2001 JP (20.09.2001)

(30) 2001-286279 20 Sep/sep 2001 JP (20.09.2001)

(30) 2002-10468 18 Jan/jan 2002 JP (18.01.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • INK JET RECORDING METHOD, RECORDING DEVICE, INK/ RECORDING MEDIUM SET, RECORDING MATTER

• PROCEDE D'IMPRESSION A JET D'ENCRE, DISPOSITIF D'IMPRESSION, ENSEMBLE ENCRE/SUPPORT D'IMPRESSION, MATIERE D'IMPRESSION

(71) RICOH COMPANY LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Oota-ku, Tokyo 143-8555 (JP).

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

(72, 75) MOROHOSI, NAOYA [JP/JP]; 319-514, Ashitaka, Numazu-shi, Shizuoka 410-0001 (JP). KOYANO, MASAYUKI [JP/JP]; 6-34-4-608, Sagamigaoka, Zama-shi, Kanagawa 228-0001 (JP). GOTOH, AKIHIKO [JP/JP]; 701 Bonmezou Honatsugi, 3-14-8, Nakachou, Atsugi-shi, Kanagawa 243-0018 (JP). NAGAI, KIYOFUMI [JP/JP]; 102 Fainhiru-village, 2212banchi1 Naruse, Machida-shi, Tokyo 194-0044 (JP).

(74) TAKEI, HIDEHIKO; TAKEI & ASSOCIATES PATENT & TRADEMARK ATTORNEY, 10th Floor, KT Shinjuku bld.2-13-5, Yoyogi, Shibuya-ku, Tokyo 151-0053 (JP).

(81) CN SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B41M 5/28, 5/30

(11) WO 03/026900 (13) A1

(21) PCT/JP02/09608

(22) 19 Sep/sep 2002 (19.09.2002)

(25) ja (26) ja

(30) 2001/288213 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • RECORDING MATERIALS

• MATIERES D'ENREGISTREMENT

(71) NIPPON SODA CO.,LTD. [JP/JP]; 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (JP).

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

(72, 75) SATO, Shinichi [JP/JP]; c/o R & D Laboratory for High-Performance, Materials, Nippon Soda Co., Ltd., 12-54, Goiminamikaigan, Ichihara-shi, Chiba 290-0045 (JP). FUJII, Hiroshi [JP/JP]; c/o R & D Laboratory for High-Performance, Materials, Nippon Soda Co., Ltd., 12-54, Goiminamikaigan, Ichihara-shi, Chiba 290-0045 (JP).

(74) TOKAI, Yusaku et al. / etc.; c/o Nippon Soda Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (JP).

(81) AU CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B42F 1/02

(11) WO 03/026901 (13) A1

(21) PCT/JP02/09839

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001-331653 25 Sep/sep 2001 JP (25.09.2001)

(30) 2001-324263 22 Oct/oct 2001 JP (22.10.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CLIP AND CLIPBOARD

• PINCE ET PORTE-BLOC

(71, 72) NOBATA, Yoshiaki [JP/JP]; 2-22-5, Higashi-cho, Kichijouji, Musashino-shi, Tokyo 180-0002 (JP).

- (74) KUBOTA, Eiichiro et al. / etc.; First Floor, Akasaka Yamada Bldg., 21-8, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

## Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B43K 15/00, 23/008, 23/08

(11) WO 03/026902 (13) A1

(21) PCT/US01/31405

(22) 5 Oct/oct 2001 (05.10.2001)

(25) en (26) en

(30) 09/961,348 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • EASILY ASSEMBLED GRIP ELEMENT  
• ELEMENT DE PREHENSION FACILE A MONTER

(71) BIC CORPORATION [US/US]; 500 Bic Drive, Milford, CT 06460 (US).

(72) LEO, Henry, K.; 62 Jamestown Drive, Guilford, CT 06437 (US). STEVENS, Craig, M.; 70 High Road, Bethany, CT 06524 (US).

(74) MARSHALL, Jonathan, A. et al. / etc.; Pennie &amp; Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

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(51)<sup>7</sup> B43K 23/12

(11) WO 03/026903 (13) A1

(21) PCT/DE02/02445

(22) 4 Jul/juil 2002 (04.07.2002)

(25) de (26) de

(30) 101 45 051.6 14 Sep/sep 2001 DE (14.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • CAP FOR A WRITING, DRAWING OR PAINTING INSTRUMENT  
• CAPUCHON DESTINE A UN INSTRUMENT D'ECRITURE, DE DESSIN OU DE PEINTURE

(71) SANFORD GMBH [DE/DE]; Schnackenburgallee 43-45, 22525 Hamburg (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BÖCKMANN, Jürgen [DE/DE]; Auf dem Kamp 18, 22889 Tangstedt (DE).

(74) WINKLER, Andreas; Boehmert &amp; Boehmert, Hollerallee 32, 28209 Bremen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B44F

(11) WO 03/026904 (13) A2

(21) PCT/TR02/00019

(22) 14 May/mai 2002 (14.05.2002)

(25) en (26) en

(30) 2001/02665 24 Sep/sep 2001 TR (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • CHANGING APPEARANCE GLASS TILE  
• TUILE DE VERRE A CHANGEMENT D'APPARENCE

(71, 72) KAPKIN, Koray [TR/TR]; 1. Cadde, Manolya 2-7 D:15, Ataschir, 81120 Istanbul (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 :

(s) for all designations / pour toutes les désignations

(51)<sup>7</sup> B60B 21/12, 21/06, 1/04, 1/14

(11) WO 03/026905 (13) A1

(21) PCT/AU02/01332

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) PR 7952 27 Sep/sep 2001 AU (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • STOPPER FOR SPOKED-WHEEL RIMS  
• TAMPON DESTINE A DES JANTES A RAYONS

(71) RAVINA HOLDINGS PTY LTD [AU/AU]; 14 Scott Street, Leederville, Western Australia 6007 (AU).

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

(72, 75) VARRONE, Antonio [IT/AU]; 14 Scott Street, Leederville, Western Australia 6007 (AU).

(74) WRAY &amp; ASSOCIATES; Level 4, The Quadrant, 1 William Street, Perth, Western Australia 6000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60C 19/12, 5/14, B29D 30/06, B29C 73/22, C09K 3/10 // B29L 30:00

(11) WO 03/026906 (13) A1

(21) PCT/JP02/09497

(22) 17 Sep/sep 2002 (17.09.2002)

(25) ja (26) ja

(30) 2001-280208 14 Sep/sep 2001 JP (14.09.2001)

(30) 2001-280212 14 Sep/sep 2001 JP (14.09.2001)

(30) 2001-302757 28 Sep/sep 2001 JP (28.09.2001)

(30) 2001-312867 10 Oct/oct 2001 JP (10.10.2001)

(30) 2001-313438 11 Oct/oct 2001 JP (11.10.2001)

(30) 2002-242363 22 Aug/août 2002 JP (22.08.2002)

(30) 2002-242372 22 Aug/août 2002 JP (22.08.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • PNEUMATIC TIRE, PROCESS FOR PRODUCING THE SAME, AND RUBBER COMPOSITION FOR SEALANT  
• PNEUMATIQUE, PROCÉDE DE FABRICATION ASSOCIE ET COMPOSITION DE CAOUTCHOUC DESTINEE A UN MATERIAU DE SCELLEMENT

(71) THE YOKOHAMA RUBBER CO., LTD. [JP/JP]; 36-11, Shimbashi 5-chome, Minato-ku, Tokyo 105-8685 (JP). HONDA GIKEN KOGYO KABUSHIKI KAISHA [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) FUKUTOMI, Takashi [JP/JP]; c/o The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-8601 (JP). SEKIGUCHI, Takumi [JP/JP]; C/O The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-8601 (JP). NAKAKITA, Issei [JP/JP]; C/O The Yokohama Rubber Co., Ltd. Hiratsuka Factory,

2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-8601 (JP). **NAITO, Mitsuru** [JP/JP]; C/O The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-8601 (JP). **KOBAYASHI, Yuichi** [JP/JP]; c/o The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-8601 (JP). **WATANABE, Koji** [JP/JP]; c/o The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-8601 (JP). **IKEGAMI, Tetsuo** [JP/JP]; C/O The Yokohama Rubber Co., Ltd. Shinshiro Plant, 1, Aza-Furuyashiki, Noda, Shinshiro-shi, Aichi 441-1343 (JP). **MAKINO, Satoshi** [JP/JP]; C/O KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **MIYAWAKI, Naoya** [JP/JP]; C/O KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

(74) **OGAWA, Shin-ichi** et al. / etc.; Ogawa, Noguchi & Saika International Patent Office, Akiyama Building, 22-13, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CA CN KR US.

(84) EP (DE FR GB).

Published / Publiée : (c)

(51)<sup>7</sup> B60F

(11) **WO 03/026907** (13) A2

(21) PCT/US02/30119

(22) **23 Sep/sep 2002 (23.09.2002)**

(25) en (26) en

(30) 09/963,864 **25 Sep/sep 2001** US  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A VERY LOW EMISSION HYBRID ELECTRIC VEHICLE INCORPORATING AN INTEGRATED PROPULSION SYSTEM INCLUDING A HYDROGEN POWERED INTERNAL COMBUSTION ENGINE AND A HIGH POWER NI-MH BATTERY PACK

• VEHICULE ELECTRIQUE HYBRIDE A TRES FAIBLE EMISSION INCORPORANT UN SYSTEME DE PROPULSION INTEGRE COMPRENANT UN MOTEUR A COMBUSTION INTERNE FONCTIONNANT A L'HYDROGENE ET UN ENSEMBLE DE BATTERIES A HYDRURE METALLIQUE DE NICKEL A HAUTE PUISSANCE

(71) **OVONIC BATTERY COMPANY, INC.** [US/US]; 1707 Northwood Drive, Troy, MI 48084 (US).

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

(72, 75) **OVSHINSKY, Stanford, R.** [—/US]; 2700 Squirrel Road, Bloomfield Hills, MI 48309 (US). **STEMPEL, Robert, C.** [—/US]; 2956 Waterview Drive, Rochester Hills, MI 48309 (US).

(74) **SCHUMAKER, David, W.** et al. / etc.; Energy Conversion Devices, Inc., 2956 Waterview Drive, Rochester Hills, MI 48309 (US).

(81) AU BR CA CN IN JP KR MX NO RU SG UA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B60H 1/32, B60K 11/04

(11) **WO 03/026908** (13) A1

(21) PCT/SE02/01619

(22) **6 Sep/sep 2002 (06.09.2002)**

(25) sv (26) en

(30) 0102981-8 **7 Sep/sep 2001** SE  
(07.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ARRANGEMENT AT A MOTOR VEHICLE

• ARRANGEMENT SUR UN VEHICULE A MOTEUR

(71) **SCANIA CV AB (PUBL)** [SE/SE]; S-151 87 Södertälje (SE).

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

(72, 75) **HAGBERG, Magnus** [SE/SE]; Linnégatan 16 D, S-151 44 Södertälje (SE).

(74) **FORSELL, Hans**; Scania CV AB, Patents, S-151 87 Södertälje (SE).

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

(51)<sup>7</sup> B60J 1/02

(11) **WO 03/026909** (13) A1

(21) PCT/JP01/08306

(22) **25 Sep/sep 2001 (25.09.2001)**

(25) ja (26) ja

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • WINDOW GLASS FOR AUTOMOBILE AND METHOD FOR PRODUCTION THEREOF

• VERRE A VITRES POUR AUTOMOBILE ET SON PROCEDE DE PRODUCTION

(71) **HORI GLASS CO., LTD** [JP/JP]; 3031, Aza-Uenohara, Kamiechi, Atsugi-shi, Kanagawa 243-0801 (JP).

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

(72, 75) **KAWASE, Toyoo** [JP/JP]; c/o HORI GLASS Co., Ltd, 3031, Aza-Uenohara, Kamiechi, Atsugi-shi, Kanagawa 243-0801 (JP). **MIYAZAWA, Kiyotaka** [JP/JP]; c/o HORI GLASS Co., Ltd, 3031, Aza-Uenohara, Kamiechi, Atsugi-shi, Kanagawa 243-0801 (JP). **TAKEUCHI, Kazuhiko** [JP/JP]; c/o HORI GLASS Co., Ltd, 3031, Aza-Uenohara, Kamiechi, Atsugi-shi, Kanagawa 243-0801 (JP). **ICHINOHE, Kazuhiro** [JP/JP]; c/o HORI GLASS Co., Ltd, 3031,

Aza-Uenohara, Kamiechi, Atsugi-shi, Kanagawa 243-0801 (JP). **TAKAHASHI, Hajime** [JP/JP]; c/o HORI GLASS Co., Ltd, 3031, Aza-Uenohara, Kamiechi, Atsugi-shi, Kanagawa 243-0801 (JP). **SUZUKI, Nobuhiko** [JP/JP]; c/o HORI GLASS Co., Ltd, 3031, Aza-Uenohara, Kamiechi, Atsugi-shi, Kanagawa 243-0801 (JP).

(74) **MAEDA, Hitoshi** et al. / etc.; MAEDA & NISHIDE, 2F Kiriyama Bldg., 1-1, Sarugaku-cho 2-chome, Chiyoda-ku, Tokyo 101-0064 (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 NO NZ PH PL PT RO RU SD SE SG SI 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 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).

(51)<sup>7</sup> B60J 10/04, 10/00

(11) **WO 03/026910** (13) A1

(21) PCT/EP02/10526

(22) **19 Sep/sep 2002 (19.09.2002)**

(25) de (26) de

(30) 101 46 628.5 **21 Sep/sep 2001** DE  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SEALING SYSTEM, ESPECIALLY FOR SEALING OFF THE WINDOW SHAFT OF A MOTOR VEHICLE

• DISPOSITIF D'ETANCHEITE CONÇU EN PARTICULIER POUR ETANCHEIFIER LE PUIITS DE FENETRE D'UN VEHICULE AUTOMOBILE

(71) **METZELER AUTOMOTIVE PROFILE SYSTEMS GMBH** [DE/DE]; Bregenzner Strasse 133, 88131 Lindau (DE).

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

(72, 75) **KRAUSE, Fritz** [DE/DE]; Seebachstrasse 11, 88239 Wangen (DE).

(74) **PREISSNER, Nicolaus**; FLÜGEL PREISSNER KASTEL, Haimhauser Strasse 1, 80802 München (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 SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B60K 6/04, F16H 37/02 // 29:04

(11) **WO 03/026911** (13) A1

(21) PCT/DE02/03512

- (22) 19 Sep/sep 2002 (19.09.2002)  
(25) de (26) de  
(30) 101 47 415.6 26 Sep/sep 2001 DE  
(26.09.2001)  
(30) 102 11 864.7 18 Mar/mar 2002 DE  
(18.03.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)  
(54) • DRIVE ASSEMBLY  
• ENSEMBLE D'ENTRAÎNEMENT
- (71) LUK LAMELLEN UND KUPPLUNGS-  
BAU BETEILIGUNGS KG [DE/DE]; In-  
dustriestrasse 3, 77815 Bühl (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) FRIEDMANN, Oswald [DE/DE];  
Mooser Strasse 59, 77839 Lichtenau (DE).
- (74) LUK LAMELLEN UND KUPPLUNGS-  
BAU BETEILIGUNGS KG; 77813 Bühl  
(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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> B60K 6/04, B60L 11/14  
(11) WO 03/026912 (13) A1  
(21) PCT/JP02/09612  
(22) 19 Sep/sep 2002 (19.09.2002)  
(25) ja (26) ja  
(30) 2001-289816 21 Sep/sep 2001 JP  
(21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • CONTROLLER FOR HYBRID CAR  
• CONTROLEUR POUR VOITURE HY-  
BRIDE
- (71) HONDA GIKEN KOGYO KABUSHIKI  
KAISHA [JP/JP]; 1-1, Minamiaoyama  
2-chome, Minato-ku, Tokyo 107-8556 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) WAKASHIRO, Teruo [JP/JP]; c/o  
K.K. Hon-da Gijutsu Kenkyusho, 4-1, Chuo  
1-chome, Wako-shi, Saitama 351-0193  
(JP). MATSUBARA, Atsushi [JP/JP]; c/o  
K.K. Hon-da Gijutsu Kenkyusho, 4-1, Chuo  
1-chome, Wako-shi, Saitama 351-0193  
(JP). NAKAMOTO, Yasuo [JP/JP]; c/o  
K.K. Hon-da Gijutsu Kenkyusho, 4-1, Chuo  
1-chome, Wako-shi, Saitama 351-0193  
(JP). SHIBUTANI, Atsushi [JP/JP]; c/o  
K.K. Hon-da Gijutsu Kenkyusho, 4-1, Chuo  
1-chome, Wako-shi, Saitama 351-0193  
(JP). KAYANO, Morio [JP/JP]; c/o K.K. Hon-da  
Gijutsu Kenkyusho, 4-1, Chuo 1-chome,  
Wako-shi, Saitama 351-0193 (JP). OZONO,  
Kazuya [JP/JP]; c/o K.K. Hon-da Gijutsu  
Kenkyusho, 4-1, Chuo 1-chome, Wako-shi,  
Saitama 351-0193 (JP).
- (74) SHIGA, Masatake et al. / etc.; OR Bldg.,  
23-3, Takadanobaba 3-chome, Shinjuku-ku,  
Tokyo 169-8925 (JP).
- (81) AU CA CN KR MX US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR  
IE IT LU MC NL PT SE TR).
- 
- (51)<sup>7</sup> B60K 41/08, F16H 59/02, B62M 25/00,  
25/08  
(11) WO 03/026913 (13) A1  
(21) PCT/GB02/04289  
(22) 20 Sep/sep 2002 (20.09.2002)  
(25) en (26) en  
(30) 0122859.2 22 Sep/sep 2001 GB  
(22.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • GEARSHIFT MECHANISM  
• MECANISME DE CHANGEMENT DE  
VITESSE
- (71) PRO SHIFT TECHNOLOGIES LIM-  
ITED [GB/GB]; Unit 1, John Cooper Build-  
ings, Payne Street, Derby DE22 3BA (GB).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) TANSLEY, James, Royston [GB/GB];  
4 Kendal Walk, Breadsall, Derby, Derbyshire  
DE21 4DD (GB).
- (74) POWELL, Timothy, J.; Eric Potter Clark-  
son, Park View House, 58 The Ropewalk,  
Nottingham NG1 5DD (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> B60K 41/26, 41/08  
(11) WO 03/026914 (13) A1  
(21) PCT/SE02/01462  
(22) 16 Aug/août 2002 (16.08.2002)  
(25) sv (26) en  
(30) 0102748-1 17 Aug/août 2001 SE  
(17.08.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD AND DEVICE FOR SHIFT-  
ING OF A GEARBOX  
• PROCEDE ET DISPOSITIF DE MA-  
NOEUVRE D'UNE BOITE A ENGRE-  
NAGES
- (71) VOLVO LASTVAGNAR AB [SE/SE];  
S-405 08 Göteborg (SE).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) BERGLUND, Sixten [SE/SE]; Ko-  
rnbodsvägen 2, S-423 54 Torslanda (SE).  
ERIKSSON, Anders [SE/SE]; Lövsög-  
gatan 14, S-413 20 Göteborg (SE).
- (74) ANDERSSON, Per et al. / etc.; Albihns  
Göteborg AB, Box 142, S-401 22 Göteborg  
(SE).
- (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B60L 5/00, H02J 5/00, B61B 3/02  
(11) WO 03/026915 (13) A1  
(21) PCT/DE02/01578  
(22) 26 Apr/avr 2002 (26.04.2002)  
(25) de (26) de  
(30) 101 47 859.3 24 Sep/sep 2001 DE  
(24.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • TELPHER LINE WITH CONTACTLESS  
ENERGY AND DATA TRANSMISSION  
• TRANSPORTEUR AERIEN ELEC-  
TRIQUE AVEC TRANSMISSION SANS  
CONTACT D'ENERGIE ET DE DON-  
NEES
- (71) LJU INDUSTRIELEKTRONIK GMBH  
[DE/DE]; Am Schlahn 1, 14476 Gross  
Glienicke (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) FUTSCHEK, Norbert [DE/DE];  
Galileistr. 35, 14480 Potsdam (DE).
- (74) WABLAT, Wolfgang; Potsdamer Chaussee  
48, 14129 Berlin (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 SI 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).
- 
- (51)<sup>7</sup> B60N  
(11) WO 03/026916 (13) A2  
(21) PCT/US02/27994  
(22) 4 Sep/sep 2002 (04.09.2002)  
(25) en (26) en  
(30) 09/966,705 27 Sep/sep 2001 US  
(27.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • STORAGE APPARATUS THAT AT-  
TACHES TO A VEHICLE SEAT  
• APPAREIL DE STOCKAGE FIXE AU  
SIEGE D'UN VEHICULE

(71) COLLINS & AIKMAN PRODUCTS CO. [US/US]; 250 Stephenson Highway, Troy, MI 48083 (US).

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

(72, 75) JOHNSTON, Kent, E. [US/US]; 883 Emmons, Birmingham, MI 48009 (US).

(74) MYERS BIGEL SIBLEY & SAJOVEC; PO Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60N

(11) WO 03/026917 (13) A2

(21) PCT/US02/28839

(22) 11 Sep/sep 2002 (11.09.2002)

(25) en (26) en

(30) 09/963,215 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SLIDING PIN SEAT HINGE ASSEMBLY

• ENSEMBLE CHARNIERE DE SIEGE A BROCHE COULISSANTE

(71) FISHER DYNAMICS CORPORATION [US/US]; 33300 Freeway Drive, St. Clair Shores, MI 48082 (US).

(72) PEJATHAYA, Srinivas; 22721 Furton, St. Clair Shores, MI 48082 (US).

(74) BROCK, Christopher, M. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)<sup>7</sup> B60N 2/06, 2/23

(11) WO 03/026918 (13) A1

(21) PCT/US02/30401

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 09/962,478 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SEAT TRACK SYSTEM

• SYSTEME DE RAILS POUR SIEGE

(71) JOHNSON CONTROLS TECHNOLOGY COMPANY [US/US]; 49200 Halyard Drive, Plymouth, MI 48170 (US).

(72) SEIBOLD, Kurt, A.; 11896 Fairway Drive, South Lyon, MI 48178 (US). BURCH, Obert, L.; 2215 Calama, Royal Oak, MI 48067 (US).

(74) ANDERSON, SCOTT, D.; Foley & Lardner, 777 E. Wisconsin Avenue, 33rd Floor, Milwaukee, WI 53202-5367 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> B60N 2/32, 2/34, 2/36

(11) WO 03/026919 (13) A1

(21) PCT/EP02/10454

(22) 18 Sep/sep 2002 (18.09.2002)

(25) de (26) de

(30) 101 46 711.7 21 Sep/sep 2001 DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MOTOR VEHICLE REAR SEAT

• SIEGE ARRIERE DE VEHICULE AUTOMOBILE

(71) INTIER AUTOMOTIVE SEATING (GERMANY) GMBH [DE/DE]; Ostring 19, 63762 Grossostheim (DE).

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

(72, 75) HENNING, Werner, Ingmar [DE/DE]; Gänseheide 28, 75428 Illingen (DE).

(74) PFIZ, Thomas et al. / etc.; Wolf & Lutz, 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 ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B60N 2/427

(11) WO 03/026920 (13) A1

(21) PCT/SE01/02017

(22) 20 Sep/sep 2001 (20.09.2001)

(25) sv (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A CHAIR

• SIEGE

(71, 72) RINNE, Tommi [SE/SE]; Järnåldersringen 847, S-136 65 Haninge (SE). RINNE, Kari [SE/SE]; Järnåldersringen 623, S-136 65 Haninge (SE). RINNE, Yrjö [SE/SE]; Skyttens gata 459, S-136 61 Haninge (SE).

(74) SUNDSTRÖM, Per et al. / etc.; Stenhagen Patentbyrå AB, P.O. Box 4630, S-116 91 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 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).

(51)<sup>7</sup> B60N 2/427, 2/433

(11) WO 03/026921 (13) A1

(21) PCT/SE02/01732

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 0103239-0 28 Sep/sep 2001 SE (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A SAFETY DEVICE FOR A SEAT OF A MOTOR DRIVEN VEHICLE

• DISPOSITIF DE SECURITE POUR SIEGES DE VEHICULES A MOTEUR

(71) ANDUM AB [SE/SE]; P.O. Box 140, S-901 04 Umea (SE).

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

(72, 75) SUNDHOLM, Lars [SE/SE]; Granvägen 8D, S-907 38 Umea (SE). LINDKVIST, Mats [SE/SE]; Arrendegatan 18, S-462 41 Vänersborg (SE).

(74) ZACCO SWEDEN AB; P.O. Box 23101, Sveavägen 170, S-104 35 Stockholm (SE).

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

(51)<sup>7</sup> B60N 3/06

(11) WO 03/026922 (13) A1

(21) PCT/US02/30735

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 2001/296075 27 Sep/sep 2001 JP  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FOOTREST PLATE

• REPOSE-PIED

(71) NEWFREY LLC [US/US]; Drummond Plaza Office Park, 1423 Kirkwood Highway, Newark, DE 19711 (US).

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

(72, 75) KATO, Hiroyuki [JP/JP]; Pop Rivet Fastener K.K., 1-7, 6-chome, Higashi-Syukugo, Utsunomiya-shi, Tochigi-ken (JP).

(74) BROCK, Christopher, M. et al. / etc.; Harness, Dickey &amp; Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) BR CA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

*(s) for the following designations / pour les désignations suivantes : BR CA EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)**(t) for all designations / pour toutes les désignations**(u) for / pour US only / seulement*(51)<sup>7</sup> B60Q

(11) WO 03/026923 (13) A2

(21) PCT/US02/26578

(22) 26 Aug/août 2002 (26.08.2002)

(25) en (26) en

(30) 09/960,866 21 Sep/sep 2001 US  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MAINTENANCE ALERT SYSTEM FOR HEAVY-DUTY TRUCKS

• SYSTEME D'ALERTE MAINTENANCE POUR POIDS LOURDS

(63) US 09/960,866 (CON)  
21 Sep/sep 2001 (21.09.2001)

(71) DETROIT DIESEL CORPORATION [US/US]; 13400 Outer Drive, West, Detroit, MI 48239-4001 (US).

*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) LETANG, Dennis, Michael [US/US]; 768 Sorel Drive, Canton, MI 48188 (US).  
AVERY, Richard, Michael, Jr. [US/US]; 1750 Cardinal Ridge, West Bloomfield, MI 48324 (US).

(74) CURCURI, Jeremy, J. et al. / etc.; Brooks &amp; Kushman, Twenty-Second Floor, 1000 Town Center, Southfield, MI 48075 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60R

(11) WO 03/026924 (13) A2

(21) PCT/US02/23567

(22) 23 Jul/juillet 2002 (23.07.2002)

(25) en (26) en

(30) 60/324,312 24 Sep/sep 2001 US  
(24.09.2001)(30) 10/125,233 17 Apr/avr 2002 US  
(17.04.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS WITH COLLAPSIBLE MODULES FOR ABSORBING ENERGY FROM THE IMPACT OF A VEHICLE

• APPAREIL A MODULES TELESCOPIQUES PERMETTANT D'ABSORBER L'ENERGIE PROVENANT D'UN CHOC PROVOQUE PAR UN VEHICULE

(71) BARRIER SYSTEMS, INC. [US/US]; 180 River Road, Rio Vista, CA 94571 (US).

(72) DENMAN, Owen, S.; 8311 Dressage Way, Sacramento, CA 95829 (US).  
DYKE, Gerrit, Andrew; 4339 Riveria Drive, Stockton, CA 95204 (US).  
MAZER, Jack, S.; 556 Cooper Drive, Benicia, CA 94510 (US).

(74) LAMPE, Thomas, R.; Bielen, Lampe &amp; Thoeming, Suite 720, 1990 N. California Boulevard, Walnut Creek, CA 94596 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60R

(11) WO 03/026925 (13) A2

(21) PCT/US02/24584

(22) 5 Aug/août 2002 (05.08.2002)

(25) en (26) en

(30) 09/963,841 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AIRBAG WITH DAMPING MECHANISM

• COUSSIN GONFLABLE DE SECURITE POUVRU D'UN MECANISME AMORTISSEUR

(71) BREED AUTOMOTIVE TECHNOLOGY, INC. [US/US]; P.O. Box 33050, Lakeland, FL 33807-3050 (US).

(72) WIPASURAMONTON, Pongdet, Paul; 311 Elm Street, Rochester, MI 48307 (US).

WALCZAK, Charles; 14259 Knox Street, Warren, MI 48089 (US).  
SALMO, Shakir; 4457 Ardmore Drive, Sterling Heights, MI 48310 (US).

(74) DRAYER, Lonnie, R. et al. / etc.; Breed Automotive Technology, Inc., P.O. Box 33050, Lakeland, FL 33807-3050 (US).

(81) AT AU BR CA CN CO CZ DE DK ES FI GB HU ID IN JP KR MX NO PL PT RU SE SG TR YU ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

*(s) for the following designations / pour les désignations suivantes : AT AU BR CA CN CO CZ DE DK ES FI GB HU ID IN JP KR MX NO PL PT RU SE SG TR YU ZA EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)**(t) for the following designations / pour les désignations suivantes : AT AU BR CA CN CO CZ DE DK ES FI GB HU ID IN JP KR MX NO PL PT RU SE SG TR YU ZA EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)*(51)<sup>7</sup> B60R

(11) WO 03/026926 (13) A2

(21) PCT/US02/28082

(22) 4 Sep/sep 2002 (04.09.2002)

(25) en (26) en

(30) 09/965,941 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • REMOVABLE AND VERTICALLY ADJUSTABLE STORAGE APPARATUS FOR VEHICLE SEAT BACKREST

• DISPOSITIFS DE RANGEMENT AMOVIBLES ET REGLABLES EN HAUTEUR POUR DOSSIER DE SIEGE AUTOMOBILE

(71) COLLINS &amp; AIKMAN PRODUCTS CO. [US/US]; 250 Stephenson Highway, Troy, MI 48083 (US).

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

(72, 75) JOHNSTON, Kent, E. [US/US]; 883 Emmons, Birmingham, MI 48009 (US).

(74) MYERS BIGEL SIBLEY &amp; SAJOVEC; PO Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60R

(11) WO 03/026927 (13) A2

(21) PCT/US02/28747

(22) 10 Sep/sep 2002 (10.09.2002)

(25) en (26) en



(30) 09/964,197 **26 Sep/sep 2001** US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • EXTERIOR PANEL

• PANNEAU EXTERIEUR

(71, 72) ZEEFF, Bradley, J. [US/US]; 9449 Grand Ridge Drive, Zeeland, MI 49464 (US).

(74) CARRIER, Robert, J.; Price, Heneveld, Cooper, DeWitt & Litton, 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 BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60R 1/06

(11) WO 03/026928 (13) A1

(21) PCT/KR02/01806

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ko (26) en

(30) 2001/29684 U **26 Sep/sep 2001** KR  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • VEHICLE SIDEVIEW MIRROR

• RETROVISEUR LATERAL DE VEHICULE

(71, 72) SON, Young-Bae [KR/KR]; 21-1, Gwan-dong 1-ga, Jung-gu, 400-041 Incheon (KR).

(74) KIM, Chong-Yong; Dae-Yang International Patent Law Office, 2 Floors, Insung Building, 437-3, Bangbae 2-dong, Seocho-gu, 137-817 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60R 13/02

(11) WO 03/026929 (13) A1

(21) PCT/EP02/10505

(22) 19 Sep/sep 2002 (19.09.2002)

(25) de (26) de

(30) 101 46 694.3-21 **21 Sep/sep 2001** DE  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PANELING ELEMENT FOR THE ROOF OF A VEHICLE INTERIOR

• ELEMENT D'HABILLAGE CONÇU POUR LE TOIT DE L'HABITABLE D'UN VEHICULE

(71) JOHNSON CONTROLS GMBH [DE/DE]; Industriestrasse 20 - 30, 51399 Burscheid (DE).

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

(72, 75) CZINKI, Alexander [DE/DE]; Fritz-Schroeder-Ufer 32, 53111 Bonn (DE).

KRETSCHMER, Jürgen [DE/DE]; Kreuzgartenstrasse 1, 73734 Esslingen (DE).  
LEENAERTS, Torsten [DE/DE]; Am Elisabethheim 77 A, 42111 Wuppertal (DE).  
MÜLLER, Wolfgang [DE/DE]; Stormstrasse 13, 42897 Remscheid (DE).

(74) HEMMELMANN, Klaus; Johnson Controls GmbH, Industriestrasse 20 - 30, 51399 Burscheid (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B60R 16/02

(11) WO 03/026930 (13) A1

(21) PCT/CA02/00162

(22) 12 Feb/fév 2002 (12.02.2002)

(25) en (26) en

(30) 09/963,917 **26 Sep/sep 2001** US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • VEHICLE STABILITY OPERATOR FEEDBACK SYSTEM

• SYSTEME DE RETROACTION DE STABILITE DE VEHICULE AU CONDUCTEUR

(71) STABILITY DYNAMICS, LTD. [CA/CA]; 10 Trent Drive, Campbellford, Ontario K0L 1L0 (CA).

(72) McKEOWN, Steve; 1329 Burnbrae Road East, Campbellford, Ontario K0L 1L0 (CA).  
GILKES, Bruce; 148 Arbour Ridge Way NW, Calgary, Alberta T3G 4B2 (CA).  
SHEAFF, Jon; 249 Bridge Street West, Campbellford, Ontario K0L 1L0 (CA).

(74) HARRIS, John, D. et al. / etc.; Gowling Lafleur Henderson LLP, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (CA).

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

(51)<sup>7</sup> B60R 21/01

(11) WO 03/026931 (13) A1

(21) PCT/DE02/02629

(22) 18 Jul/juil 2002 (18.07.2002)

(25) de (26) de

(30) 101 41 886.8 **28 Aug/août 2001** DE  
(28.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR DETERMINING A TRIGGER TIME FOR RESTRAINT MEANS IN A VEHICLE

• PROCEDE PERMETTANT DE DETERMINER UN TEMPS DE DECLENCHEMENT POUR DES MOYENS DE RETENUE DANS UN VEHICULE

(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) EISELE, Sybille [DE/DE]; Moltkestr. 23/1, 74321 Bietigheim-Bissingen (DE).  
ROELLEKE, Michael [DE/DE]; Hirschlandener Strasse 66, 71229 Leonberg-Hoefingen (DE).  
THEISEN, Marc [DE/DE]; Havelstrasse 18, 64295 Darmstadt (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B60R 21/01

(11) WO 03/026932 (13) A1

(21) PCT/DE02/02792

(22) 30 Jul/juil 2002 (30.07.2002)

(25) de (26) de

(30) 101 42 173.7 **29 Aug/août 2001** DE  
(29.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND DEVICE FOR RECOGNITION OF A SIDE IMPACT ON A MOTOR VEHICLE

• PROCEDE ET DISPOSITIF POUR IDENTIFIER UN IMPACT LATERAL SUR UNE AUTOMOBILE

(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) KOCHER, Pascal [DE/FR]; 16, Rue des Champs, F-67530 Ottrott (FR).  
SIMON, Isolde [DE/DE]; Torstr. 1, 72127 Kusterdingen (DE).  
ARNDT, Michael [DE/DE]; Stadtmauerstr. 5, 72764 Reutlingen (DE).  
RECKNAGEL, Rolf-Juergen [DE/DE]; J.-Auerstr. 19, 07747 Jena (DE).  
AIDAM, Rolf [DE/DE]; Forsthaus Langenberg, 76744 Woerth (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B60R 21/01

(11) WO 03/026933 (13) A1

(21) PCT/DE02/02838

(22) 1 Aug/août 2002 (01.08.2002)

(25) de (26) de

(30) 101 42 717.4 **31 Aug/août 2001** DE  
(31.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CONTROL UNIT FOR AN OCCUPANT PROTECTION SYSTEM OF A



DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 PH PL PT RO RU  
SD SE SG SI 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 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)<sup>7</sup> B60T 8/36, F01P 3/20, 7/16, B60H 1/02,  
1/03

(11) WO 03/026940 (13) A1

(21) PCT/DE02/02521

(22) 10 Jul/juil 2002 (10.07.2002)

(25) de (26) de

(30) 101 45 582.8 15 Sep/sep 2001 DE  
(15.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • VALVE BLOCK, WITH AN INTE-  
GRATED HEATING DEVICE, FOR A  
HYDRAULIC VEHICLE BRAKING  
SYSTEM COMBINED WITH A HEAT  
TRANSFER CIRCUIT

• BLOC DE SOUPAPES D'UN DISPOSI-  
TIF DE FREINAGE HYDRAULIQUE DE  
VEHICULE, POURVU D'UN DISPOSI-  
TIF DE CHAUFFAGE ET COMBINE A  
UN CIRCUIT CALORPORTEUR

(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) SCHMITT, Johannes [DE/DE]; Plata-  
nenweg 35, 71706 Markgroeningen (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B60T 8/36, G05D 16/20

(11) WO 03/026941 (13) A1

(21) PCT/US02/30962

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 09/965,103 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BOUNDARY AUTO-CALIBRATION  
SCHEME FOR PROPORTIONAL POP-  
PET VALVE PRESSURE CONTROL

• PLAN D'AUTO-ETALONNAGE DE  
LIMITE POUR COMMANDE DE PRES-  
SION DE SOUPE CHAMPIGNON  
PROPORTIONNELLE

(71) KELSEY-HAYES COMPANY [US/US];  
12000 Tech Center Drive, Livonia, MI 48150  
(US).

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

(72, 75) ZHENG, Yuhong [US/US]; 2300 Court-  
ney Circle Ct., Ann Arbor, MI 48103 (US).  
SONG, Wenwei [US/US]; 4649 Erin Court,  
Ann Arbor, MI 48105 (US). MILOT, Danny,

R. [US/US]; 2366 Hickory Point Drive, Ann  
Arbor, MI 48105 (US).

(74) SHAH, Shital, A.; 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  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60T 8/40, 7/04, 7/06

(11) WO 03/026942 (13) A1

(21) PCT/FR02/03064

(22) 10 Sep/sep 2002 (10.09.2002)

(25) fr (26) fr

(30) 01/12401 26 Sep/sep 2001 FR  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BRAKING DEVICE WITH ENHANCED  
SAFETY AND BRAKING SYSTEM  
COMPRISING SAME

• DISPOSITIF DE FREINAGE A SECURITE  
ACCURUE ET SYSTEME DE FREI-  
NAGE COMPORTANT UN TEL DISPO-  
SITIF

(71) ROBERT BOSCH GMBH [DE/DE]; Wern-  
erstrasse 1, 70442 Stuttgart (DE).

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

(72, 75) MICHON, Jean-Pierre [FR/FR]; 19,  
rue des Sources, F-77178 Saint-Pathus (FR).  
VERBO, Ulysse [FR/FR]; 41bis, rue du CT  
Brasseur, F-93600 Aulnay-sous-Bois (FR).

(74) HURWIC, Aleksander; Bosch Systemes de  
Freinage, Service Brevets, 126, rue de Stalin-  
grad, F-93700 Drancy (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B61B

(11) WO 03/026943 (13) A2

(21) PCT/US02/29335

(22) 17 Sep/sep 2002 (17.09.2002)

(25) en (26) en

(30) 09/960,820 21 Sep/sep 2001 US  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • RAILROAD COLLISION AVOIDANCE  
SYSTEM AND METHOD FOR PRE-  
VENTING TRAIN ACCIDENTS

• SYSTEME DE PREVENTION DE COL-  
LISION FERROVIAIRE ET PROCEDE  
DE PREVENTION D'ACCIDENT FER-  
ROVIAIRE

(71) TIME DOMAIN CORPORATION  
[US/US]; 7057 Old Madison Pike, Huntsville,  
AL 35806 (US).

(72) GRISHAM, William, T.; 313 West-  
burg Avenue, Huntsville, AL 35801 (US).  
ROBERTS, Mark, D.; 416 Zandale Drive,  
Huntsville, AL 35801 (US).

(74) TUCKER, William, J.; 8650 Southwestern  
Blvd. #2825, Dallas, TX 75206-2688 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B62B 13/04, A63C 5/00, 7/00

(11) WO 03/026944 (13) A1

(21) PCT/JP02/09686

(22) 20 Sep/sep 2002 (20.09.2002)

(25) ja (26) ja

(30) 2001/287980 21 Sep/sep 2001 JP  
(21.09.2001)

(30) 2001/333813 31 Oct/oct 2001 JP  
(31.10.2001)

(30) 2002/9098 17 Jan/jan 2002 JP  
(17.01.2002)

(30) 2002/107692 10 Apr/avr 2002 JP  
(10.04.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SNOW SCOOTER

• TROTTINETTE DES NEIGES

(71) AOBA BICYCLE, INC. [JP/JP];  
3-1, Aza-Ueno, Koriyama, Taihaku-ku,  
Sendai-shi, Miyagi 982-0003 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KAWAMURA, Tetsuhiko [JP/JP]; 17-2,  
Takamori 6-chome, Izumi-ku, Sendai-shi,  
Miyagi 981-3203 (JP).

(74) SIKS & CO.; 8th Floor, Kyobashi-Nisshoku  
Bldg., 8-7, Kyobashi 1-chome, Chuo-ku,  
Tokyo 104-0031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH 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 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 SI 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 IE IT LU MC NL

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

Published / Publiée : (c)

(51)<sup>7</sup> B62D

(11) WO 03/026945 (13) A2

(21) PCT/US02/28245

(22) 4 Sep/sep 2002 (04.09.2002)

(25) en (26) en

(30) 09/961,838 24 Sep/sep 2001 US (24.09.2001)

(30) 10/109,348 27 Mar/mar 2002 US (27.03.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • INTEGRAL BUSHING ASSEMBLY FOR A RACK AND PINION STEERING GEAR

• ENSEMBLE BAGUE DE COMMANDE INTEGREE POUR ENGRENAGE DE DIRECTION A PIGNON ET CRE-MAILLERE

(71) TRW INC. [US/US]; 1900 Richmond Road, Lyndhurst, OH 44124 (US).

(72) HARER, Dennis, F.; 2316 Kings Bay Drive, Kingsport, TN 37660 (US). SKELTON, Mark, A.; 1340 Glenmar Avenue, Mt. Carmel, TN 37645 (US).

(74) TAROLLI, Thomas, L.; Tarolli, Sundheim, Covell, Tummino & Szabo L.L.P., Suite 1111, 526 Superior Avenue, Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B62D 5/32, 5/097

(11) WO 03/026946 (13) A1

(21) PCT/DE02/03641

(22) 25 Sep/sep 2002 (25.09.2002)

(25) de (26) de

(30) 101 47 569.1 26 Sep/sep 2001 DE (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HYDRAULIC STEERING DEVICE WITH MODIFIED TRANSMISSION

• MECANISME DE DIRECTION HYDRAULIQUE AVEC MODIFICATION DE TRANSMISSION

(71) BOSCH REXROTH AG [DE/DE]; Zum Eisengiesser 1, 97816 Lohr am Main (DE).

(72) BERGMANN, Erhard; Kieckut 12, 19079 Mirow (DE). SCHILDMANN, Manfred; Mühlenstrasse 7c, 19372 Karrenzin (DE).

VOSS, Gerhard; Juri-Gagarin-Ring 64, 19370 Parchim (DE).

(74) JAAP, Reinhard; Buchholzallee 32, 19370 Parchim (DE).

(81) BG PL.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> B62D 29/00

(11) WO 03/026947 (13) A1

(21) PCT/US02/28709

(22) 9 Sep/sep 2002 (09.09.2002)

(25) en (26) en

(30) 60/324,497 24 Sep/sep 2001 US (24.09.2001)

(30) 10/236,315 6 Sep/sep 2002 US (06.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • STRUCTURAL REINFORCEMENT SYSTEM HAVING MODULAR SEGMENTED CHARACTERISTICS

• SYSTEME DE RENFORCEMENT STRUCTUREL A ELEMENTS MODULAIRES SEGMENTEES

(71) L & L PRODUCTS, INC. [US/US]; 160 McLean Drive, Romeo, MI 48065 (US).

(72) BOCK, Lothar; 5260 Nardoni Lane, Dryden, MI 48428 (US). KEENAN, Brendan; 790F Bloomfield Village Blvd., Auburn Hills, MI 48326 (US). TAKAHASHI, Ken; 1193 Rolling Acres, Bloomfield, MI 48302 (US).

(74) DOBRUSIN, Eric, M.; Dobrusin & Thennisch PC, 401 South Old Woodward Avenue, Suite 311, Birmingham, MI 48009 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B62H 5/00, B62K 15/00

(11) WO 03/026948 (13) A1

(21) PCT/NO02/00343

(22) 25 Sep/sep 2002 (25.09.2002)

(25) no (26) en

(30) 20014741 28 Sep/sep 2001 NO (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ANTI-THEFT BICYCLE

• BICYCLETTE ANTIVOL

(71, 72) NOER, Ole, Martin [NO/NO]; c/o Animagisk AS, Industriveien 33, N-1337 Sandvika (NO).

(74) ONSAGERS AS et al. / etc.; P.O.Box 6963 St. Olavs plass, N-0130 OSLO (NO).

(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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B63B

(11) WO 03/026949 (13) A2

(21) PCT/US02/29637

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/961,787 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FLOATION SYSTEM INCLUDING LIFE RAFT

• SYSTEME DE FLOTTAISON COMPRENANT UN RADEAU DE SAUVETAGE

(71) APICAL INDUSTRIES, INC. [US/US]; 2608 Temple Heights Drive, Oceanside, CA 92056 (US).

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

(72, 75) PARROTT, David, G. [US/US]; 1340 Taft St., Escondido, CA 92026 (US). HITZ-FIELD, Don, V. [US/US]; 26987 Moro Azul, Mission Viejo, CA 92026 (US).

(74) HEISEY, David, E.; Luce, Forward, Hamilton & Scripps LLP, 11988 El Camino Real, Suite 200, San Diego, CA 92130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B63B

(11) WO 03/026950 (13) A2

(21) PCT/US02/29714

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/961,680 21 Sep/sep 2001 US (21.09.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • QUICK CONNECTOR WITH AUTOMATIC RELEASE  
• CONNECTEUR RAPIDE A DEGAGEMENT AUTOMATIQUE
- (71) APICAL INDUSTRIES, INC. [US/US]; 2608 Temple Heights Drive, Oceanside, CA 92056 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PARROTT, David, G. [US/US]; 1340 Taft St., Escondido, CA 92026 (US). HITZFIELD, Don, V. [US/US]; 26987 Moro Azul, Mission Viejo, CA 92026 (US). MONTGOMERY, Steve, O. [US/US]; 8962 Kobe Place, San Diego, CA 92123 (US).
- (74) HEISEY, David, E.; Luce, Forward, Hamilton & Scripps LLP, 11988 El Camino Real, Suite 200, San Diego, CA 92130 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B63B 15/02  
(11) WO 03/026951 (13) A2  
(21) PCT/IT02/00589  
(22) 17 Sep/sep 2002 (17.09.2002)  
(25) en (26) en  
(30) TO2001A000910 25 Sep/sep 2001 IT (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SAILBOAT HEEL CONTROL DEVICE  
• DISPOSITIF DE COMMANDE DE LA GITE D'UN VOILIER
- (71, 72) IMMORDINO, Pietro [IT/IT]; Strada Torino, 24 Ter, I-10024 Moncalieri (IT).
- (81) US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> B63B 22/02  
(11) WO 03/026952 (13) A1  
(21) PCT/IB01/02228  
(22) 24 Sep/sep 2001 (24.09.2001)  
(25) en (26) en  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • OFFSHORE FLUID TRANSFER SYSTEM  
• SYSTEME DE TRANSFERT DE FLUIDE SITUE EN MER
- (71) BLUEWATER TERMINAL SYSTEMS, NV [NL/NL]; Zeelandia Office Park, Kaya WFG (Jombi) Mensing 18, Willemstad, Curacao (AN).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) DE BAAN, Jacob [NL/NL]; K. Onnesdreef 8, NL-3146 BH Maassluis (NL).
- (74) MERRIFIELD, Sarah, Elizabeth et al. / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B63B 27/24  
(11) WO 03/026953 (13) A1  
(21) PCT/US02/29668  
(22) 20 Sep/sep 2002 (20.09.2002)  
(25) en (26) en  
(30) 09/960,083 21 Sep/sep 2001 US (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • RECEPTACLE ASSEMBLY AND METHOD FOR USE ON AN OFFSHORE STRUCTURE  
• ENSEMBLE RECEPTACLE ET PROCEDE D'UTILISATION D'UNE STRUCTURE EN MER
- (71) RTI ENERGY SYSTEMS, INC. [US/US]; 1000 Warren Avenue, Niles, OH 44446 (US).
- (72) BEARD, Michael, E.; 6043 Spring Creek Lane, Spring, TX 77379 (US). BAXTER, Carl, F., G.; Groeunevej 261. 14-8, DK-2830 Virum (DK). CUNLIFFE, Nicholas; 43 Higher Croft Rd., Lower Darwen, Blackburn, Lanes BB3 QQT (GB). BOSTER, Patrick, L.; 7 Hampton Lodge, The Woodlands, TX 77381 (US).
- (74) HELMREICH, Loren, G.; Browning Bushman, PC., 5718 Westheimer Road, Suite 1800, Houston, TX 77057 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B63H 1/36, F03B 13/12  
(11) WO 03/026954 (13) A1  
(21) PCT/NO02/00337  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) no (26) en  
(30) 20014663 25 Sep/sep 2001 NO (25.09.2001)
- (30) 20022273 13 May/mai 2002 NO (13.05.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SYSTEM FOR UTILIZATION OF SINUS-SHAPED MOTION PATTERN  
• SYSTEME DESTINE A L'UTILISATION D'UN SCHEMA DE MOUVEMENT SINUSOIDAL
- (71) INOCEAN AS [NO/NO]; Skur 35, Akerhusstranda, N-0150 Oslo (NO).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BORGES, Jon, Erik [NO/NO]; Tallbergveien 2d, N-1166 Oslo (NO). APNESETH, Claus, Christian [NO/GB]; 192 Wilton Street, GLASGOW GB20 6BW (GB). RIIS, John [NO/NO]; Klosterveien 12, N-1555 Son (NO).
- (74) ONSAGERS AS et al. / etc.; P.O.Box 6963 St. Olavs plass, N-0130 OSLO (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)  
Declaration / Déclaration :  
(u) for / pour US only / seulement
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- (51)<sup>7</sup> B63H 11/11, 25/02  
(11) WO 03/026955 (13) A2  
(21) PCT/US02/30928  
(22) 30 Sep/sep 2002 (30.09.2002)  
(25) en (26) en  
(30) 60/325,584 28 Sep/sep 2001 US (28.09.2001)  
(30) 10/213,829 6 Aug/août 2002 US (06.08.2002)  
(30) PCT/US02/25103 6 Aug/août 2002 US (06.08.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND APPARATUS FOR CONTROLLING A WATERJET-DRIVEN MARINE VESSEL  
• PROCEDE ET DISPOSITIF DE COMMANDE DE VAISSEAU MARIN PROPULSE PAR HYDROJET
- (71) VECTOR CONTROLS, INC. [US/US]; 79 Massasoit Street, Waltham, MA 02454 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MORVILLO, Robert [US/US]; 79 Massasoit Street, Waltham, MA 02454 (US).
- (74) ANASTASI, John, N.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

- LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B63H 16/08  
(11) WO 03/026956 (13) A1  
(21) PCT/SE02/01718  
(22) 23 Sep/sep 2002 (23.09.2002)  
(25) sv (26) en  
(30) 0103183-0 25 Sep/sep 2001 SE (25.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • ROWING DEVICE  
• DISPOSITIF D'AVIRON  
(71, 72) HÖGSTRÖM, Bo [SE/SE]; Bergsomsvägen 9, S-870 16 Ramvik (SE).  
(74) GRANSTRÖM, Lars-Eric et al. / etc.; Zacco Sweden AB, P.O. Box 23101, Sveavägen 170, S-104 35 Stockholm (SE).  
(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 SI 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).
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- (51)<sup>7</sup> B63H 21/20, 23/20, B63J 3/02  
(11) WO 03/026957 (13) A1  
(21) PCT/JP01/08316  
(22) 25 Sep/sep 2001 (25.09.2001)  
(25) ja (26) ja  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • HYBRID SHIP PROPELLING MECHANISM  
• MECANISME DE PROPULSION HYBRIDE DE NAVIRE  
(71) YANMAR CO., LTD. [JP/JP]; 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530-0013 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) HITACHI, Junichi [JP/JP]; c/o YANMAR DIESEL ENGINE CO., LTD., 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530-0013 (JP). FUKUOKA, Teruhito [JP/JP]; c/o YANMAR DIESEL ENGINE CO., LTD., 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530-0013 (JP).  
(74) YANO, Juichiro; YANO INTERNATIONAL PATENT OFFICE, Twin 21 MID Tower 34F., 1-61, Shiroimi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-6134 (JP).  
(81) AU CN KR NO NZ US ZA.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> B63H 25/22  
(11) WO 03/026958 (13) A1  
(21) PCT/US02/30990  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) en (26) en  
(30) 09/967,792 28 Sep/sep 2001 US (28.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • POWER ASSIST MARINE STEERING SYSTEM  
• SYSTEME DE DIRECTION ASSISTEE MARIN  
(71) MARK X STEERING SYSTEMS, LLC [US/US]; 1087 Cozy Lane, Oshkosh, WI 54901 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) HUNDERTMARK, James, M. [US/US]; 296 19th Street, Fond du Lac, WI 54935 (US).  
(74) NEWHOLM, Timothy, E.; Boyle Fredrickson Newholm Stein & Gratz S.C., 250 Plaza, Suite 1030, 250 East Wisconsin Avenue, Milwaukee, WI 53202 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B64C  
(11) WO 03/026959 (13) A2  
(21) PCT/US02/29638  
(22) 18 Sep/sep 2002 (18.09.2002)  
(25) en (26) en  
(30) 09/961,698 21 Sep/sep 2001 US (21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • FLOATATION SYSTEM  
• SYSTEME DE FLOTATION  
(71) APICAL INDUSTRIES, INC. [US/US]; 2608 Temple Heights Drive, Oceanside, CA 92056 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) PARROTT, David, G. [US/US]; 1340 Taft St., Escondido, CA 92026 (US). HITZFIELD, Don, V. [US/US]; 26987 Moro Azul, Mission Viejo, CA 92026 (US).  
(74) HEISEY, David, E.; Luce, Forward, Hamilton & Scripps LLP, 11988 El Camino Real, Suite 200, San Diego, CA 92130 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM
- HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B64C 1/00  
(11) WO 03/026960 (13) A1  
(21) PCT/JP01/10868  
(22) 11 Dec/déc 2001 (11.12.2001)  
(25) ja (26) ja  
(30) 2001-331707 21 Sep/sep 2001 JP (21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • MODIFICATION OF AIRPLANE FOR COMPLETELY PREVENTING SUICIDAL TERRORISM USING AIRPLANE ITSELF AS HUGE BOMB OR MISSILE  
• MODIFICATIONS APPORTEES A UN AVION POUR LUTTER CONTRE LE TERRORISME-SUICIDE UTILISANT L'AVION COMME BOMBE OU MISSILE  
(71, 72) TSUKAMOTO, Kenkichi [JP/JP]; 37, Ishigaki-chou, Wakabayashi-ku, Sendai-shi, Miyagi 984-0064 (JP).  
(81) AE AG AL AM AU AZ BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EC EE GD GE HR HU ID IL IN IS KR KZ LC LK LR LT LV MA MD MG MK MN MX NO NZ PL RO RU SG SI SK TT UA US UZ VN YU ZA.  
(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)<sup>7</sup> B64C 7/00, 3/44, 9/02  
(11) WO 03/026961 (13) A1  
(21) PCT/US02/30199  
(22) 23 Sep/sep 2002 (23.09.2002)  
(25) en (26) en  
(30) 09/964,149 25 Sep/sep 2001 US (25.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • NOTCHED BLADE SEAL FOR HIGH PERFORMANCE AIRCRAFT  
• ELEMENT D'ETANCHEITE SOUS FORME DE LAME A ENCOCHES DESTINE A UN AVION DE HAUT NIVEAU  
(71) LOCKHEED MARTIN CORPORATION [US/US]; 6801 Rockledge Road, Bethesda, MD 20817 (US).  
(72) GUZZARDO, Bryan, J.; 5901 Rayburn Drive, Fort Worth, Tarrant County, TX 76133 (US).  
(74) MEIER, Harold, E.; Baker Botts L.L.P., 2001 Ross Avenue, Suite 600, Dallas, TX 75201-2980 (US).

(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 SD SE SG SI SK (Utility model / modèle d'utilité) 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> B64D 45/00, G08B 15/02

(11) WO 03/026962 (13) A1

(21) PCT/ES02/00449

(22) 25 Sep/sep 2002 (25.09.2002)

(25) es (26) es

(30) P 200102150 25 Sep/sep 2001 ES (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AIRCRAFT SECURITY SYSTEM

• SYSTEME DE SECURITE POUR AERONEFS

(71, 72) ARDURA GONZALEZ, Manuel [ES/ES]; Avda. Guadalix, 97 - Chalet, Ciudad de Santo Domingo, E-28120 Algete (ES).

(74) UNGRIA LOPEZ, Javier; Avda. Ramón y Cajal, 78, E-28043 Madrid (ES).

(81) AU BR CA CN IL IN JP MX RU US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B64F

(11) WO 03/026963 (13) A2

(21) PCT/US02/29650

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 09/960,799 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF BOARDING PASSENGERS ON REGIONAL AIRCRAFT AND TRANSFERRING PASSENGERS BETWEEN A REGIONAL AIRCRAFT AND LARGER AIRCRAFT

• PROCEDE POUR FAIRE EMBARQUER DES PASSAGERS SUR UN AVION REGIONAL ET TRANSFERER DES PASSENGERS D'UN AVION REGIONAL A UN AVION PLUS GRAND

(71, 72) PETERSON, Rob [US/US]; 2190 E. 3205 S., Salt Lake City, UT 84109 (US).

(74) NICHOLS, Steven, L.; Suite 150, River Park Corporate Center One, 10653 S. River

Front Parkway, South Jordan, UT 84095 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65B 1/04

(11) WO 03/026964 (13) A1

(21) PCT/US02/31303

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 60/325,668 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FUEL DISPENSER WITH CATASTROPHIC PROTECTION

• DISTRIBUTEUR DE CARBURANT PROTEGE CONTRE LES CATASTROPHES

(71) ENVIRON PRODUCTS, INC. [US/US]; 3250 US 70 Business West, Smithfield, NC 27577 (US).

(72) WEBB, Michael, C.; 10701 GolfLink Drive, Raleigh, NC 27617 (US). STRUTHERS, Kevin, D.; 109 Bradborne Circle, Clayton, NC 27520 (US).

(74) DELMASTER, Joseph, R., Jr. et al. / etc.; Drinker Biddle & Reath LLP, 1500 K Street N.W., Washington, DC 20005-1009 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B65B 1/08

(11) WO 03/026965 (13) A1

(21) PCT/GB02/04281

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 0122935.0 24 Sep/sep 2001 GB (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS AND METHOD FOR DISPENSING SMALL QUANTITIES OF PARTICLES

• APPAREIL ET PROCEDE DE DISTRIBUTION DE FAIBLES QUANTITES DE PARTICULES

(71) MERIDICA LIMITED [GB/GB]; Cambridge Technology Centre, Melbourn, Hertfordshire SG8 6DQ (GB).

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

(72, 75) MACMICHAEL, Donald, Bruce, Atherton [GB/GB]; 149 Arlesey Road, Ickleford, Herts SG5 3TL (GB). OPIE, William, Robert, Charles [GB/GB]; 33 Burrows Road, Earls Colne, Colchester, Essex CO6 7RZ (GB). BRYANT, Simon, Mark [GB/GB]; 8 Bayford Close, Hertford, Herts SG13 8HW (GB). GILL, Imogen [GB/GB]; North Farm House, Long Lane, Fowlmere, Nr. Royston, Herts SG8 7TG (GB).

(74) JENKINS, Peter, David et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1 2LS (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65B 3/26

(11) WO 03/026966 (13) A1

(21) PCT/US02/30975

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,871 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BEVERAGE DISPENSER AND AUTOMATIC SHUT-OFF VALVE

• DISTRIBUTEUR DE BOISSONS ET SOUPEPE D'ARRET AUTOMATIQUE

(71) MANITOWOC FOODSERVICE COMPANIES, INC. [US/US]; 905 Southern Way, Sparks, NV 89431 (US).

(72) SEITZ, Forrest, S.; 16700 NW Mission Oaks Dr., Beaverton, OR 97006 (US). KREBS, Philip, M.; 2927 Hunter Way, West Linn, OR 97068 (US). DARBY, Brian, J.; 7615 SE 22nd Avenue, Portland, OR 97202 (US). COCHRAN, John, D.; 1481 Greentree Circle, Lake Oswego, OR 97034 (US). MYERS, Denise, K.; 461 Brier Road, Washougal, WA 98671 (US).

(74) OKEY, David, W.; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B65B 13/06, 13/22

(11) WO 03/026967 (13) A1

(21) PCT/EP02/10220

(22) 12 Sep/sep 2002 (12.09.2002)

(25) de (26) de

(30) 101 46 460.6 20 Sep/sep 2001 DE (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE FOR TENSIONING AND SEALING TIGHTENING STRAPS

- DISPOSITIF POUR METTRE SOUS TENSION ET FERMER DES BANDES DE CERCLAGE

(71) CYKLOP GMBH [DE/DE]; Industries-  
trasse 133, 50996 Köln (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) ZEIMETZ, Leo [DE/DE]; Sude-  
tenstrasse 22, 64572 Büttelborn (DE).  
SCHOLL, Dettlef [DE/DE]; Bernkasteler  
Strasse 8, 54498 Piesport (DE). NOBER,  
Peter [DE/DE]; Hauptstrasse 49, 54597  
Rommersheim (DE).

(74) HENNICKE, Rüdiger et al. / etc.; Kaiser-  
Wilhelm-Ring 24, 50672 Köln (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65B 13/18

(11) WO 03/026968 (13) A1

(21) PCT/NL02/00605

(22) 20 Sep/sep 2002 (20.09.2002)

(25) nl (26) en

(30) 1019001 20 Sep/sep 2001 NL (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND DEVICE FOR STRAP-  
PING ONE OR MORE PACKETS WITH  
A BAND WITH LABEL MEANS

- PROCEDE ET DISPOSITIF PERMET-  
TANT DE CERCLER UN OU PLU-  
SIEURS PAQUETS AVEC UNE BANDE  
A SYSTEME D'ETIQUETAGE

(71) ENDRA B.V. [NL/NL]; Voorste Groes 4,  
NL-5384 VJ Heesch (NL).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) WILHELMUS, Johannes, Maria,  
Derks [NL/NL]; Roerdomphorst 21,  
NL-5371 SZ Grave (NL).

(74) HOORWEG, Petrus, Nicolaas; Arnold &  
Siedsma, Sweelincplein 1, NL-2517 GK The  
Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B65B 31/00, 31/02, 31/04, 1/28, 1/04

(11) WO 03/026969 (13) A1

(21) PCT/NZ02/00191

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 514470 25 Sep/sep 2001 NZ (25.09.2001)

(30) 514471 25 Sep/sep 2001 NZ (25.09.2001)

(30) 514472 25 Sep/sep 2001 NZ (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PACKAGING OF PARTICULATE MA-  
TERIALS

- EMBALLAGE DE MATERIAUX PARTI-  
CULAIRES

(71) XERO LIMITED [NZ/NZ]; 150n Harris  
Road, East Tamaki, Auckland (NZ).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) AUCAMP, David [NZ/NZ]; 13 Lastel  
Place, Howick, Auckland (NZ). LEANING,  
Scott, Edward [NZ/NZ]; 70 Vale Road, St  
Heliers, Auckland (NZ). BUCKLEY, Colin,  
Brian [NZ/NZ]; 10 Grace Street, Orakei,  
Auckland (NZ).

(74) PIPER, James, William et al. / etc.; Pipers,  
Level 1, 29 Waterloo Road, PO Box 30-495,  
Lower Hutt (NZ).

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

Published / Publiée : (c)

(51)<sup>7</sup> B65B 55/10

(11) WO 03/026970 (13) A1

(21) PCT/ES02/00448

(22) 25 Sep/sep 2002 (25.09.2002)

(25) es (26) es

(30) P-200102168 27 Sep/sep 2001 ES (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF STERILISING CON-  
DUITS THAT ARE USED TO TRANS-  
FER PRODUCTS BETWEEN CON-  
TAINERS AND INSTALLATIONS AND  
THE CORRESPONDING STERILE AS-  
SEMBLY OF TRANSFER DEVICES

- PROCEDE DE STERILISATION DE  
CONDUITS DESTINES AU TRANS-  
VASEMENT DE PRODUITS ENTRE  
DES RECIPIENTS ET DES INSTAL-  
LATIONS, ET ENSEMBLE DE DISPO-  
SITIFS DE TRANSVASEMENT STE-  
RILES CORRESPONDANTS

(71) PUIG AGUILLELLA, Felipe [ES/ES];  
MAYOR SAN JAIME, 38-6<sup>a</sup>, VILA-REAL,  
12540 CASTELLON (ES).

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

(71, 72) SALVA TRANSFIGURACION, Vi-  
cente [ES/ES]; FOLA, 9-1<sup>o</sup> B, CASTEL-  
LON, 12003 CASTELLON (ES).

(72, 75) GUAMIS LOPEZ, Buenaventura  
[ES/ES]; GONGORA, 13 B, SANT CUGAT,  
08190 BARCELONA (ES). QUEVEDO  
TERRE, Joan, Miquel [ES/ES]; AV. DE  
ROMA, 40 6<sup>o</sup> 3<sup>a</sup> A, BARCELONA, 08015  
BARCELONA (ES).

(74) SANZ-BERMELL MARTINEZ, Alejan-  
dro; JATIVA, 4, 46002 VALENCIA (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 ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B65B 63/00, 1/04, 1/30

(11) WO 03/026971 (13) A1

(21) PCT/US02/30454

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/962,547 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS AND METHOD FOR  
MAKING AND BAGGING DECORA-  
TIVE GRASS

- APPAREIL ET PROCEDE DE PRODUC-  
TION ET D'ENSACHAGE D'HERBE  
DECORATIVE

(63) US 09/962,547 (CON)  
25 Sep/sep 2001 (25.09.2001)



(71) **SOUTHPAC TRUST INTERNATIONAL, INC.** [CK/CK]; Centrepoint, 2nd Floor, Rarotonga (CK).

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

(72, 75) **WEDER, Donald, E.** [US/US]; 1111 Sixth Street, Highland, IL 62249 (US).

(74) **BERG, Richard, P. et al.** / etc.; Ladas & Parry, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65C 9/42

(11) WO 03/026972 (13) A2

(21) PCT/US02/28170

(22) 4 Sep/sep 2002 (04.09.2002)

(25) en (26) en

(30) 09/964,969 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LABEL INVENTORY CONTROL SYSTEM

• SYSTEME DE SUIVI D'UN INVENTAIRE D'ETIQUETTES

(71) **FMC TECHNOLOGIES, INC.** [US/US]; 200 East Randolph Drive, Chicago, IL 60601 (US).

(72) **TATE, Daniel, A.**; 38255 Wild Lilac Point, Oak Glen, CA 92399 (US). **GOETZ, Robert, R.**; 11601 Desmond Street, Garden Grove, CA 92841 (US). **TABOR, Kent**; 12704 N. River Road, Mequon, WI 53092 (US).

(74) **BAYS, Gregory, C.**; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 North Stetson, Chicago, IL 60601-6780 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65D

(11) WO 03/026973 (13) A2

(21) PCT/US02/30196

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 09/961,831 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PERSONAL OBJECT HOLDING DEVICE

• DISPOSITIF POUR CONSERVER DES OBJETS PERSONNELS

(71, 72) **KEOUGH, Robert** [US/US]; 515 Southmont Avenue, Williamsport, PA 17702 (US).

(74) **BARON, Ronald, J. et al.** / etc.; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65D 1/02

(11) WO 03/026974 (13) A1

(21) PCT/JP02/09775

(22) 24 Sep/sep 2002 (24.09.2002)

(25) ja (26) ja

(30) 2001-293421 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PINCH GRIP TYPE BOTTLE CONTAINER

• CONTENANT BOUTEILLE DE TYPE A POIGNEE

(71) **YOSHINO KOGYOSHO CO., LTD.** [JP/JP]; 2-6, Ojima 3-chome, Koto-ku, Tokyo 136-8531 (JP).

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

(72, 75) **SAITO, Hiromichi** [JP/JP]; c/o YOSHINO KOGYOSHO CO., LTD., 2-6, Ojima 3-chome, Koto-ku, Tokyo 136-8531 (JP). **IIZUKA, Takao** [JP/JP]; c/o YOSHINO KOGYOSHO CO., LTD., 2-6, Ojima 3-chome, Koto-ku, Tokyo 136-8531 (JP).

(74) **SUGIMURA, Kosaku et al.** / etc.; Kazan Building, 2-4, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) AU CA CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B65D 1/02

(11) WO 03/026975 (13) A1

(21) PCT/JP02/09776

(22) 24 Sep/sep 2002 (24.09.2002)

(25) ja (26) ja

(30) 2001-294098 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BOTTLE CONTAINER

• BOUTEILLE

(71) **YOSHINO KOGYOSHO CO., LTD.** [JP/JP]; 2-6, Ojima 3-chome, Koto-ku, Tokyo 136-8531 (JP).

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

(72, 75) **TANAKA, Toshimasa** [JP/JP]; c/o YOSHINO KOGYOSHO CO., LTD., 2-6, Ojima 3-chome, Koto-ku, Tokyo 136-8531 (JP). **TSUTSUI, Naoki** [JP/JP]; c/o YOSHINO KOGYOSHO CO., LTD., 2-6, Ojima 3-chome, Koto-ku, Tokyo 136-8531 (JP).

(74) **SUGIMURA, Kosaku et al.** / etc.; Kazan Building, 2-4, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) AU CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B65D 1/34, B65G 17/00

(11) WO 03/026976 (13) A1

(21) PCT/DK02/00642

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) PA 2001 01412 27 Sep/sep 2001 DK (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TOTE FOR CONVEYOR

• BAC DE MANUTENTION POUR TRANSPORTEUR

(71) **CRISPLANT A/S** [DK/DK]; P.O. Pedersens Vej 10, DK-8200 Århus N (DK).

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

(72, 75) **SØRENSEN, Brian, Lyngø** [DK/DK]; Flintebakken 245, DK-8240 Risskov (DK).

(74) **PLOUGMANN & VINGTOFT A/S**; Sundkrogsgade 9, P.O. Box 831, DK-2100 Copenhagen Ø (DK).

(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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65D 5/48, A47B 43/02

(11) WO 03/026977 (13) A1

(21) PCT/ZA02/00148

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 2001/7884 25 Sep/sep 2001 ZA (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • MODULAR CONTAINER  
• CONTENANT MODULAIRE
- (71, 72) ROWLAND, Clive, Victor, Stephen [ZA/ZA]; Plot 76, Beckedan, Tarlton, 2001 Gauteng (ZA).
- (74) PETTIT, Michael, Philip; P O Box 3595, Pinegowrie, 2123 Johannesburg (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B65D 27/10, B65B 11/50
- (11) WO 03/026978 (13) A1
- (21) PCT/NZ02/00159
- (22) 21 Aug/août 2002 (21.08.2002)
- (25) en (26) en
- (30) 513660 22 Aug/août 2001 NZ (22.08.2001)
- (30) 519331 5 Jun/juin 2002 NZ (05.06.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PROTECTIVE PACKAGING SYSTEM  
• SYSTEME D'EMBALLAGE PROTECTEUR
- (71, 72) HINES, Vernon, Arthur, James [NZ/NZ]; 9A Banff Avenue, Epsom, Auckland (NZ).
- (74) WILSON, Kathryn, S. et al. / etc.; KPMG Centre, Level 12, 85 Alexandra Street, Private Bag 3140, Hamilton 2001 (NZ).
- (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B65D 41/04
- (11) WO 03/026979 (13) A2
- (21) PCT/US02/30923
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en
- (30) 60/325,512 28 Sep/sep 2001 US (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CLOSURE SYSTEM  
• SYSTEME DE FERMETURE
- (71) GEN-PROBE INCORPORATED [US/US]; Patent Department, 10210 Genetic Center Drive, San Diego, CA 92121-4362 (US).
- (72) SCALESE, Robert, F.; 2829 Glenview Way, Escondido, CA 92025 (US). KACIAN, Daniel, L.; 3911 Tambor Road, San Diego, CA 92124 (US).
- (74) CAPPELLARI, Charles, B.; Gen-Probe Incorporated, Patent Department, 10210 Genetic Center Drive, San Diego, CA 92121-4362 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65D 47/08, 47/36
- (11) WO 03/026981 (13) A1
- (21) PCT/EP02/03124
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) de (26) de
- (30) 201 15 488.9 20 Sep/sep 2001 DE (20.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DISPENSER CLOSURE FOR A CONTAINER THAT CONTAINS A FLOWABLE PRODUCT  
• BOUCHON DISTRIBUTEUR POUR RECIPIENT CONTENANT UNE MATIERE APTE A L'ECOULEMENT
- (71) SEAQUIST-LÖFFLER KUNSTSTOFFWERK GMBH [DE/DE]; Löfflerstrasse 1, 94078 Freyung-Linden (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) JÄCKEL, Gerhard, F., K. [DE/DE]; Zuppingerstrasse 11, 94078 Freyung (DE). LENZ, Franz [DE/DE]; Waldweg 3, 94046 Hinterschmiding (DE). SCHAFFER, Eidon [DE/DE]; Untere Länge 3a, 80939 München-Freimann (DE).
- (74) GROENING, Hans, W.; Boehmert & Boehmert, Pettenkoferstrasse 20-22, 80336 München (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 SI 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 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)<sup>7</sup> B65D 65/46, C11D 17/04
- (11) WO 03/026982 (13) A1
- (21) PCT/EP02/10127
- (22) 10 Sep/sep 2002 (10.09.2002)
- (25) en (26) en
- (30) 09/957,329 20 Sep/sep 2001 US (20.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • WATER-SOLUBLE FILM-MADE PACKAGE WITH FLUORESCENT DYE IN THE FILM  
• EMBALLAGE COMPOSE D'UNE PELLICULE SOLUBLE DANS L'EAU CONTENANT UN COLORANT FLUORESCENT
- (71) UNILEVER N.V. [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).  
*(only for / seulement pour AE 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 LC LR LT LU LV MA MC MD MG MK ML MR MX NE NL NO PH PL PT RO RU SE SI SK SN 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 AG AU BB BZ CA CY GB GD GH GM IE IL KE LK LS MN MW MZ NZ OM SD SG SL SZ TT TZ UG ZA ZM ZW)*
- (71) HINDUSTAN LEVER LTD [IN/IN]; HINDUSTAN LEVER HOUSE, 165 - 166 Backbay Reclamation, 400 020 Mumbai (IN).

(only for / seulement pour IN)

(72) **HSU, Feng-Lung, Gordon**; Unilever Research U.S. Inc., 45 River Road, Edgewater, NJ 07020 (US). **GIBLIN, Edward, John**; Unilever Research U.S. Inc., 45 River Road, Edgewater, NJ 07020 (US). **LEE, Kwang, H.**; Unilever Research U.S. Inc., 45 River Road, Edgewater, NJ 07020 (US).

(74) **DEKKER, Enno, E.J.**; Unilever R & D Vlaardingen, Patent Department, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).

(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 NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

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

(51)<sup>7</sup> B65D 83/16

(11) WO 03/026983 (13) A1

(21) PCT/EP02/00641

(22) 23 Jan/jan 2002 (23.01.2002)

(25) de (26) de

(30) 01122799.8 21 Sep/sep 2001 EP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SELF-CLOSING DISTRIBUTION HEAD FOR A PRESSURE VESSEL  
• TETE DE DISTRIBUTION A FERMETURE AUTOMATIQUE POUR UN RECIPIENT SOUS PRESSION

(71) **STOFFEL, Hans, F.** [CH/US]; 68 Main Street, Tuckahoe, NY 10707 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUHRIG, Marc, G.** [DE/DE]; c/o Oeco Tech Entwicklungs- und Vertriebssysteme G. mbh, Hüttenstrasse 6, 65201 Wiesbaden-Schierstein (DE).

(74) **PATENTANWÄLTE SCHAAD BALASS MENZL & PARTNER AG**; Dufourstrasse 101 / Postfach, CH-8034 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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).

(51)<sup>7</sup> B65D 85/10

(11) WO 03/026984 (13) A1

(21) PCT/IT02/00609

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) BO01A000584 24 Sep/sep 2001 IT (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • RIGID CONTAINER FOR TOBACCO ARTICLES  
• ETUIS RIGIDES POUR ARTICLES A BASE DE TABAC

(71) **G.D SOCIETA PER AZIONI** [IT/IT]; Via Battindarno, 91, I-40133 Bologna (IT).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DRAGHETTI, Fiorenzo** [IT/IT]; Via San Donino, 506, I-40059 Medicina (IT). **GHINI, Marco** [IT/IT]; Via Galletta, 46/B, I-40068 S. Lazzaro di Savena (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B65D 85/18

(11) WO 03/026985 (13) A1

(21) PCT/US02/30075

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 09/966,542 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FOOTWEAR PACKAGE  
• EMBALLAGE POUR ARTICLES CHAUSSANTS

(71) **DIVERSIFIED GROUP, INC.** [US/US]; 25700 Kimberly Drive, West Linn, OR 97068 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COPPEDGE, Johnny** [US/US]; 25700 Kimberly Drive, West Linn, OR 97068 (US). **CESARIO, Salvatore** [US/US]; 28611 Petes Mtn. Road, West Lin, OR 97068 (US). **MALONE, Nicholas** [US/US]; 3673 Windwood Drive N.E., Rockford, MI 49341 (US).

(74) **HANCOCK, Douglas, D.**; Ipsilon llp, 805 SW Broadway #2740, Portland, OR 97205 (US).

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

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65G 17/08

(11) WO 03/026986 (13) A1

(21) PCT/CH02/00531

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 09/961,708 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MODULAR CONVEYOR BELT MODULE HAVING A MICROCELLULAR STRUCTURE

• MODULE DE TRANSPORTEUR A COURROIE MODULAIRE, DE STRUCTURE MICROCELLULAIRE

(71) **HABASIT AG** [CH/CH]; Römerstrasse 1, CH-4153 Reinach (CH).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CEDIEL, Luis, E.** [CO/CH]; Froburgstrasse 48, CH-8832 Wollerau (CH). **FANDELLA, Sergio** [IT/IT]; Via Trevisanato 27, IT-31021 Mogliano Veneto (IT).

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

(81) AE AG AL AM AT 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65G 47/14, 47/91, 47/32, 15/58, 47/28, 47/256

(11) WO 03/026987 (13) A1

(21) PCT/AU02/01318

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) PR 7938 27 Sep/sep 2001 AU (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CONVEYOR ASSEMBLY  
• ENSEMBLE CONVOYEUR

- (71) **ROFIN AUSTRALIA PTY LTD** [AU/AU]; 6/42-44 Garden Boulevard, Dingley, Victoria 3172 (AU).  
(for all designated States except / pour tous les États désignés sauf US)
- (71) **INDUSTRIAL CONVEYING (AUST.) PTY LTD** [AU/AU]; 61-65 Bull Street, Bendigo, Victoria 3550 (AU).  
(only for / seulement pour AU)
- (72, 75) **FRAVAL, Markus** [GB/AU]; 10 Ramsey Street, Burwood East, Victoria 3151 (AU). **FRAVAL, Hadrian** [AU/AU]; 479 Warrandyte-Ringwood Road, South Warrandyte, Victoria 3134 (AU). **COOK, Marcus** [AU/AU]; 61 South Valley Road, Park Orchards, Victoria 3114 (AU). **ERSKINE, Don** [AU/AU]; Industrial Conveying Australia Pty Ltd, 145-147 Howard Street, Bendigo, Victoria 3550 (AU).
- (74) **HINDM Raymond et al.** / etc.; Henshaw, Davies Collison Cave, 1 Little Collins Street, Melbourne, Victoria 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 ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B65G 47/51, 21/18, A24C 5/35**
- (11) **WO 03/026988** (13) A1
- (21) PCT/IT02/00121
- (22) **28 Feb/fév 2002 (28.02.2002)**
- (25) en (26) en
- (30) **BO01A000583** **24 Sep/sep 2001** IT  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • VARIABLE CAPACITY STORE FOR OBJECTS  
• MAGASIN DE CAPACITE VARIABLE POUR DES OBJETS
- (71) **G.D SOCIETA' PER AZIONI** [IT/IT]; Via Battindarno, 91, I-40133 Bologna (IT).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DRAGHETTI, Fiorenzo** [IT/IT]; Via San Donino, 506, I-40059 Medicina (IT). **OSTI, Roberto** [IT/IT]; Via Belvedere, 9, I-40069 Zola Predosa (IT). **CESARI, Verter** [IT/IT]; Via Viadagola, 31, I-40057 Granarolo Dell'Emilia (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B65G 47/53, H05F 3/06**
- (11) **WO 03/026990** (13) A1
- (21) PCT/SE02/01428
- (22) **5 Aug/août 2002 (05.08.2002)**
- (25) sv (26) en
- (30) **0102675-6** **3 Aug/août 2001** SE  
(03.08.2001)
- (30) **0102731-7** **13 Aug/août 2001** SE  
(13.08.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • WORK MODULE FOR CONNECTION TO A MAIN CONVEYOR LINE IN A CONVEYOR SYSTEM  
• MODULE DE TRAVAIL DE CONNEXION A UNE LIGNE PRINCIPALE DE CONVOYEUR DANS UN SYSTEME DE CONVOYAGE
- 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).
- 
- (51)<sup>7</sup> **B65G 47/53, H05F 3/00**
- (11) **WO 03/026989** (13) A1
- (21) PCT/SE02/01427
- (22) **5 Aug/août 2002 (05.08.2002)**
- (25) sv (26) en
- (30) **0102674-9** **3 Aug/août 2001** SE  
(03.08.2001)
- (30) **0102730-9** **13 Aug/août 2001** SE  
(13.08.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • WORK MODULE FOR CONNECTION TO A MAIN CONVEYOR LINE IN A SYSTEM OF CONVEYOR LINES AND A CONVEYOR UNIT COMPRISING AN ENDLESS CHAIN  
• MODULE DE TRAVAIL SE CONNEXION A UN CONVOYEUR PRINCIPAL DANS UN SYSTEME DE CONVOYAGE ET UNITE DE CONVOYEUR COMPRENANT UNE CHAINE SANS FIN
- (71) **FLEXLINK COMPONENTS AB** [SE/SE]; S-415 50 Göteborg (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ABBESTAM, Göran** [SE/SE]; Skogsrännevägen 12, S-433 41 Partille (SE). **KARLSSON, Tommy** [SE/SE]; 7C Balmoral Park #04-01, Singapore 259 865 (SG).
- (74) **ANDERSSON, Per et al.** / etc.; Albihns Göteborg AB, P.O. Box 142, S-401 22 Göteborg (SE).
- (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B65G 53/20, 53/52**
- (11) **WO 03/026991** (13) A1
- (21) PCT/EP02/10588
- (22) **20 Sep/sep 2002 (20.09.2002)**
- (25) de (26) de
- (30) **01122763.4** **21 Sep/sep 2001** EP  
(21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PNEUMATIC CONVEYOR DEVICE AND METHOD  
• DISPOSITIF ET PROCEDE DE TRANSPORT PNEUMATIQUE
- (71) **BMH CLAUDIUS PETERS GMBH** [DE/DE]; Schanzenstrasse 40, 21614 Buxtehude (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HILGRAF, Peter** [DE/DE]; Rahlstedter Strasse 104a, 22149 Hamburg (DE).
- (74) **GLAWE, DELFS, MOLL**; Rothenbaumchaussee 58, 20148 Hamburg (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **B65G 47/53, H05F 3/06**
- (11) **WO 03/026990** (13) A1
- (21) PCT/SE02/01428
- (22) **5 Aug/août 2002 (05.08.2002)**
- (25) sv (26) en
- (30) **0102675-6** **3 Aug/août 2001** SE  
(03.08.2001)
- (30) **0102731-7** **13 Aug/août 2001** SE  
(13.08.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • WORK MODULE FOR CONNECTION TO A MAIN CONVEYOR LINE IN A CONVEYOR SYSTEM  
• MODULE DE TRAVAIL DE CONNEXION A UNE LIGNE PRINCIPALE DE CONVOYEUR DANS UN SYSTEME DE CONVOYAGE
- 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).
- 
- (71) **FLEXLINK COMPONENTS AB** [SE/SE]; S-415 50 Göteborg (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROIKONEN, Jukka** [FI/FI]; Kalliokuja 8A2, FIN-40900 Säynätsalo (FI).
- (74) **ANDERSSON, Per et al.** / etc.; Albihns Göteborg AB, P.O. Box 142, S-401 22 Göteborg (SE).
- (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 SI 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 IE IT LU MC NL PT 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

ES FI FR GB GR IE IT LU MC NL PT SE 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 SD SE SG  
SI 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 IE IT LU MC NL PT 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)<sup>7</sup> B65H 9/10

(11) WO 03/026992 (13) A1

(21) PCT/DE02/03459

(22) 17 Sep/sep 2002 (17.09.2002)

(25) de (26) de

(30) 101 46 919.5 24 Sep/sep 2001 DE  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE FOR ALIGNING STACKED  
SHEETS INTO A BOOK

• DISPOSITIF D'ALIGNEMENT DE  
FEUILLES SUPERPOSEES EN UN CA-  
HIER

(71) KOENIG & BAUER AKTIENGE-  
SELLSCHAFTH [DE/DE]; Friedrich-Koenig-  
Str. 4, 97080 Würzburg (DE).

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

(72, 75) HAHN, Thilo [DE/DE]; Hirtenbühlweg  
7, 97337 Dettelbach (DE). SCHAEDE, Jo-  
hannes, Georg [DE/DE]; Max-Heim-Str. 8,  
97074 Würzburg (DE).

(74) KOENIG & BAUER AKTIENGE-  
SELLSCHAFTH; - Lizenzen - Patente -,  
Friedrich-Koenig-Str. 4, 97080 Würzburg  
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DK DM  
DZ EC EE ES FI GB GD GE GH GM HR HU  
ID 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  
SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)<sup>7</sup> B65H 35/00, 37/00, B44C 1/10, B44F 1/06

(11) WO 03/026993 (13) A1

(21) PCT/US02/25838

(22) 14 Aug/août 2002 (14.08.2002)

(25) en (26) en

(30) 09/966,138 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A TAPE APPLICATOR AND METHODS  
OF APPLYING TAPE TO A SURFACE

• APPLICATEUR DE RUBAN ADHESIF  
ET PROCEDE PERMETTANT D'APPLI-  
QUER UN RUBAN ADHESIF SUR UNE  
SURFACE

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

(72) KUHN, Gary, K.; P.O. Box 33427, Saint  
Paul, MN 55133-3427 (US). SLAGTER,  
Michael, G.; P.O. Box 33427, Saint Paul,  
MN 55133-3427 (US).

(74) BUSS, Melissa, E. et al. / etc.; P.O. Box  
33427, Saint Paul, MN 55133-3427 (US).

(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) DE DK (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 SD SE SG SI 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 IE IT LU MC NL  
PT SE 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 SD SE SG  
SI 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 IE IT LU MC NL PT SE SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)  
(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> B65H 39/11

(11) WO 03/026994 (13) A1

(21) PCT/DE02/02894

(22) 7 Aug/août 2002 (07.08.2002)

(25) de (26) de

(30) 101 47 134.3 25 Sep/sep 2001 DE  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • STACKER BELT WITH ENGAGEABLE  
DEPOSIT BOXES

• COURROIE EMPILEUSE COMPRE-  
NANT DES CASSETTES D'ENCAISSE-  
MENT COUPLEES

(71) WINCOR NIXDORF INTERNATIONAL  
GMBH [DE/DE]; Heinz-Nixdorf-Ring 1,  
33106 Paderborn (DE).

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

(72, 75) LANDWEHR, Martin [DE/DE];  
Stadtweg 15, 33100 Paderborn (DE).

(74) WINCOR NIXDORF INTERNATIONAL  
GMBH; Heinz-Nixdorf-Ring 1, 33106 Pader-  
born (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> B65H 75/00

(11) WO 03/026995 (13) A2

(21) PCT/GB02/03982

(22) 30 Aug/août 2002 (30.08.2002)

(25) en (26) en

(30) 0123081.2 26 Sep/sep 2001 GB  
(26.09.2001)

(30) 0204691.0 28 Feb/fév 2002 GB  
(28.02.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMBINATION CABLE REEL

• COMBINAISON DE BOBINE DE  
CABLE

(71, 72) HARTLEY, Brian [GB/GB]; 12 Oakley  
Avenue, Brokwell, Chesterfield, Derbyshire  
S40 4DS (GB).

(74) PARNHAM, Kevin; Swindell & Pearson, 48  
Friar Gate, Derby DE1 1GY (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65H 75/24

(11) WO 03/026996 (13) A1

(21) PCT/US02/25316

(22) 8 Aug/août 2002 (08.08.2002)

(25) en (26) en

(30) 09/960,561 21 Sep/sep 2001 US  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS AND METHOD FOR  
HOLDING COILABLE ELONGATED  
PRODUCT

• APPAREIL ET PROCEDE DE SUPPORT  
D'UN PRODUIT ALLONGE ENROU-  
LABLE

(71) CORNING INCORPORATED [US/US]; 1  
Riverfront Plaza, Corning, NY 14831 (US).

(72) JOHNSON, Christopher P; 129 West Mc-  
Canns Blvd., Elmira Heights, NY 14903  
(US).

(74) HOMA, Joseph M; Patent Department, SP  
TI 3-1, Corning, NY 14831 (US).

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

DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI SK SL TJ TM TN TR TT  
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B66B 1/00, 1/18

(11) WO 03/026997 (13) A1

(21) PCT/FI02/00736

(22) 16 Sep/sep 2002 (16.09.2002)

(25) fi (26) en

(30) 20011898 27 Sep/sep 2001 FI  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ELEVATOR THAT TAKES THE CAR  
LOAD FACTOR INTO ACCOUNT  
• ASCENSEUR TENANT COMPTE DU  
FACTEUR DE CHARGE DE LA CA-  
BINE

(71) KONE CORPORATION [FI/FI]; Kar-  
tantontie 1, FIN-00330 Helsinki (FI).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) SIIKONEN, Marja-Liisa [FI/FI];  
Sotkatie 4 A 2, FIN-00200 Helsinki (FI). DE  
JONG, Johannes [NL/FI]; Kauhajoenkuja  
1, FIN-04430 Järvenpää (FI).

(74) KONE CORPORATION; Patent Depart-  
ment, P.O. Box 677, FIN-05801 Hyvinkää  
(FI).

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

Published / Publiée : (c)

(51)<sup>7</sup> B66D

(11) WO 03/026998 (13) A2

(21) PCT/EP02/10654

(22) 23 Sep/sep 2002 (23.09.2002)

(25) de (26) de

(30) 101 46 521.1 21 Sep/sep 2001 DE  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CONTROL SYSTEM FOR WINCHES  
AND OTHER MACHINES  
• SYSTEME DE COMMANDE POUR  
TREUILS DE MANOEUVRE ET  
AUTRES MACHINES

(71, 72) PULS, Rainer, M. [DE/DE];  
Max-Liebermann-Strasse 37, 76227 Karl-  
lsruhe (DE). PULS, Oliver [DE/DE]; Salbei-  
weg 45a, 76149 Karlsruhe (DE).

(74) HOFFMANN EITLÉ et al. / etc.; Arabel-  
lastrasse 4, 81925 München (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B67D 5/00

(11) WO 03/026999 (13) A1

(21) PCT/US01/29566

(22) 21 Sep/sep 2001 (21.09.2001)

(25) en (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CONTAINER CLOSURE WITH HORI-  
ZONTAL AND VERTICAL SEALS  
• FERMETURE DE CONTENANT AVEC  
JOINTS HORIZONTAUX ET VERTI-  
CAUX

(71) ERIE PLASTICS CORPORATION  
[US/US]; 844 Route 6, Corry, PA 16407  
(US).

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

(72, 75) SMITH, Robert, J. [US/US]; 12835 For-  
rest Drive, Edinboro, PA 16412 (US).

(74) SHIDELER, Blynn, L. 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 (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 PH PL PT RO  
RU SD SE SG SI SK (Utility model / modèle  
d'utilité) 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 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).

(51)<sup>7</sup> B67D 5/56, 5/34, B01F 5/04, 3/08, 15/04,  
A47L 15/44

(11) WO 03/027000 (13) A2

(21) PCT/US02/30321

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 09/962,506 25 Sep/sep 2001 US  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTIPLE FLOW RATE EDUCATIVE  
DISPENSER

• DISTRIBUTEUR PAR VIDAGE MULTI-  
DEBITS

(71) HYDRO SYSTEMS COMPANY [US/US];  
3798 Roundbottom Road, Cincinnati, OH  
45244 (US).

(72) SAND, William, F.; 5577 Alomar Drive,  
Cincinnati, OH 45258 (US). DALHART,  
Mark, D.; 3460 Broken Ridge Drive, Mason,  
OH 45040 (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  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B67D 5/62

(11) WO 03/027001 (13) A1

(21) PCT/US02/30051

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 09/961,668 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BEVERAGE DISPENSING WITH COLD  
CARBONATION  
• DISTRIBUTION DE BOISSONS AVEC  
CARBONATATION A FROID

(71) LANCER PARTNERSHIP, LTD. [US/US];  
6655 Lancer Boulevard, San Antonio, TX  
78219 (US).

(72) SCHROEDER, Alfred, A.; 2811 Whisper  
Fawn, San Antonio, TX 78230 (US).

(74) MAKAY, Christopher, L. et al. / etc.; 1634  
Milam Building, 115 East Travis Street, San  
Antonio, TX 78205 (US).

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

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> B81B 3/00, B81C 1/00

(11) WO 03/027002 (13) A2

(21) PCT/DE02/02111

(22) 10 Jun/juin 2002 (10.06.2002)

(25) de (26) de

(30) 101 42 952.5 1 Sep/sep 2001 DE  
(01.09.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR THE PRODUCTION OF A MICROMECHANICAL STRUCTURE  
• PROCÉDE POUR LA PRODUCTION D'UNE STRUCTURE MICROMECHANIQUE
- (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) FISCHER, Frank [DE/DE]; Robert-Koch-Strasse 8, 72810 Gomaringen (DE). METZGER, Lars [DE/DE]; Lortzingstrasse 48, 72458 Albstadt (DE).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- 
- (51)<sup>7</sup> C01B
- (11) WO 03/027003 (13) A2
- (21) PCT/US02/23452
- (22) 25 Jul/juil 2002 (25.07.2002)
- (25) en (26) en
- (30) 09/915,093 25 Jul/juil 2001 US (25.07.2001)
- (30) 09/915,095 25 Jul/juil 2001 US (25.07.2001)
- (30) 09/915,173 25 Jul/juil 2001 US (25.07.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHODS OF NANOTUBE FILMS AND ARTICLES  
• FILMS ET ARTICLES DE NANOTUBES ET PROCÉDES ASSOCIÉS
- (71) NANTERO, INC. [US/US]; 25-D Olympia Avenue, Woburn, MA 01801 (US).
- (72) RUECKES, Thomas; 836 Belmont Street, Watertown, MA 02472 (US). SEGAL, Brent, M.; 89 Jerome Street, Medford, MA 02155 (US).
- (74) DICHIARA, Peter, M. et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C01B
- (11) WO 03/027004 (13) A2
- (21) PCT/US02/25946
- (22) 27 Aug/août 2002 (27.08.2002)
- (25) en (26) en
- (30) 09/965,692 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • IMPROVED POLYMER-SUPPORTED PHOTSENSITIZERS  
• PHOTSENSIBILISANTS AMÉLIORÉS A SUPPORTS POLYMERES
- (71) LUMIGEN, INC. [US/US]; 24485 W. Ten Mile Road, Southfield, MI 48034 (US).
- (72) AKHAVAN-TAFTI, Hashem; 4545 Vines Road, Howell, MI 48843 (US). HANDLEY, Richard, S.; 6852 Kings Mill Drive, Canton, MI 48187 (US). SANDISON, Mark, D.; 900 Crescent Drive, Dearborn, MI 48124 (US). LARKIN, Randall, K.; 1749 Henbert, West Bloomfield, MI 48324 (US).
- (74) SEAS, Robert, J., Jr. et al. / etc.; Sughrue Mion, PLLC, 2100 Pennsylvania Ave. N.W., Suite 800, Washington, DC 20037-3213 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C01B
- (11) WO 03/027005 (13) A1
- (21) PCT/US02/29409
- (22) 17 Sep/sep 2002 (17.09.2002)
- (25) en (26) en
- (30) 09/960,046 21 Sep/sep 2001 US (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PLASMATRON-CATALYST SYSTEM  
• SYSTEME CATALYSEUR-PLASMATRON
- (71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02142 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BROMBERG, Leslie [US/US]; 176 Wilshire Drive, Sharon, MA 02067 (US). COHN, Daniel, R. [US/US]; 26 Walnut Hill Road, Chestnut Hill, MA 02167 (US). RABINOVICH, Alexander [US/US]; 404 Paradise Road, #3L, Swampscott, MA 01907 (US). ALEXEEV, Nikolai [RU/US]; Pavla Korchagina Street, 15-00, 129278 Moscow (RU).
- (74) PASTERNAK, Sam; Choate, Hall & Stewart, Exchange Place, 53 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 EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C01B 13/00
- (11) WO 03/027007 (13) A1
- (21) PCT/US02/21859
- (22) 23 Aug/août 2002 (23.08.2002)
- (25) en (26) en
- (30) 09/965,046 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • USES OF IMPROVED POLYMER-SUPPORTED PHOTSENSITIZERS IN THE GENERATION OF SINGLET OXYGEN  
• UTILISATION DE PHOTSENSIBILISATEURS SUR SUPPORT POLYMERES AMÉLIORÉS DANS LA PRODUCTION D'OXYGENE SINGULET
- (71) LUMIGEN, INC. [US/US]; 24485 W. Ten Mile Road, Southfield, MI 48034 (US).
- (72) AKHAVAN-TAFTI, Hashem; 4545 Vines Road, Howell, MI 48843 (US). HANDLEY, Richard, S.; 6852 Kings Mill Drive, Canton, MI 48187 (US). SANDISON, Mark, D.; 900 Crescent Drive, Dearborn, MI 48124 (US). LARKIN, Randall, K.; 1749 Henbert, West Bloomfield, MI 48324 (US).
- (74) SEAS, Robert, J., Jr. et al. / etc.; Sughrue Mion, PLLC, 2100 Pennsylvania Ave., N.W., Suite 800, Washington, DC 20037-3213 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- 
- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C01B 3/00
- (11) WO 03/027006 (13) A2
- (21) PCT/JP02/08405
- (22) 21 Aug/août 2002 (21.08.2002)
- (25) en (26) en
- (30) 2001-284350 19 Sep/sep 2001 JP (19.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FUEL REFORMING SYSTEM  
• SYSTEME DE REFORMAGE DE COMBUSTIBLE
- (71) NISSAN MOTOR CO., LTD. [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0023 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OGAWA, Hiroshi [JP/JP]; 3-9-22-101, Kaminagaya, Kounan-ku, Yokohama-shi, Kanagawa 233-0012 (JP).
- (74) GOTO, Masaki; Shoyu-Kaikan, 3-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> C01B 13/00
- (11) WO 03/027007 (13) A1
- (21) PCT/US02/21859
- (22) 23 Aug/août 2002 (23.08.2002)
- (25) en (26) en
- (30) 09/965,046 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • USES OF IMPROVED POLYMER-SUPPORTED PHOTSENSITIZERS IN THE GENERATION OF SINGLET OXYGEN  
• UTILISATION DE PHOTSENSIBILISATEURS SUR SUPPORT POLYMERES AMÉLIORÉS DANS LA PRODUCTION D'OXYGENE SINGULET
- (71) LUMIGEN, INC. [US/US]; 24485 W. Ten Mile Road, Southfield, MI 48034 (US).
- (72) AKHAVAN-TAFTI, Hashem; 4545 Vines Road, Howell, MI 48843 (US). HANDLEY, Richard, S.; 6852 Kings Mill Drive, Canton, MI 48187 (US). SANDISON, Mark, D.; 900 Crescent Drive, Dearborn, MI 48124 (US). LARKIN, Randall, K.; 1749 Henbert, West Bloomfield, MI 48324 (US).
- (74) SEAS, Robert, J., Jr. et al. / etc.; Sughrue Mion, PLLC, 2100 Pennsylvania Ave., N.W., Suite 800, Washington, DC 20037-3213 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C01B 15/037

(11) WO 03/027008 (13) A1

(21) PCT/EP02/09284

(22) 20 Aug/août 2002 (20.08.2002)

(25) de (26) de

(30) 101 46 594.7 21 Sep/sep 2001 DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • STABILIZED HYDROGEN PEROXIDE  
• PEROXYDE D'HYDROGENE STABILISE

(71) SOLVAY INTEROX GMBH [DE/DE]; Hans-Böckler-Allee 20, 30173 Hannover (DE).

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

(72, 75) DÖTSCH, Werner [DE/DE]; Oberlöh 36, 53545 Linz a. Rhein (DE). WOOST, Otmar [DE/DE]; Liebigstrasse 23, 06406 Bernburg (DE).

(74) KULIK, Angelika; Solvay Pharmaceuticals GmbH, Hans-Böckler-Allee 20, 30173 Hannover (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C01B 21/00, B01J 8/00

(11) WO 03/027009 (13) A1

(21) PCT/US02/29872

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/960,124 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NO<sub>x</sub> REDUCTION METHODS & APPARATUS  
• PROCEDES ET APPAREILS DE REDUCTION DES NO<sub>x</sub>

(71) BATTELLE MEMORIAL INSTITUTE [US/US]; 902 Battelle Boulevard, Richland, WA 99352 (US).

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

(72, 75) RUSSELL, Tonkyn [US/US]; 1314 North Cleveland, Kennewick, WA 99336 (US). BARLOW, Steve [US/US]; 1922 Hoxie Avenue, Richland, WA 99352 (US). BALMER, Mary Lou [US/US]; 2211 E. Truitt Road, Chillicothe, IL 61523 (US).

MAUPIN, Gary, D. [US/US]; 218 Atkins, Richland, WA 99352 (US).

(74) LATWESEN, David, G. et al. / etc.; Wells St. John, 601 West First Avenue, Suite 1300, Spokane, WA 99201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C01B 21/083

(11) WO 03/027010 (13) A1

(21) PCT/RU02/00250

(22) 20 May/mai 2002 (20.05.2002)

(25) ru (26) ru

(30) 2001126320 28 Sep/sep 2001 RU (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR PRODUCING NITROGEN TRIFLUORIDE  
• PROCEDE DE FABRICATION DE TRIFLUORURE D'AZOTE

(71) ZAO "ASTOR ELECTRONICS" [RU/RU]; ul. Dobrolubova, 14, St.Petersburg, 197198 (RU).

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

(72, 75) ZAYTZEV, Sergey Alexandrovich [RU/RU]; V.O., 15 liniya, 74-26, St.Petersburg, 199048 (RU). KUZNETZOV, Andrey Sergeevich [RU/RU]; pr. Ispytatelei, 31-1-79, St.Petersburg, 197342 (RU). LVOV, Viktor Alexeyevich [RU/RU]; ul. Krasnaya, 2-a-21, Angarsk, 665824 (RU). MENSHOV, Vladimir Sergeevich [RU/RU]; ul. Sayanskaya, 7-28, Angarsk, 665824 (RU). RABINOVICH, Rostislav Leonidovich [RU/RU]; kvartal 192-1-159, Angarsk, 665824 (RU). SAPOZHNIKOV, Mikhail Vasilyevich [RU/RU]; ul. Festivalnaya, 4-b-7, Angarsk, 665824 (RU). TURKIN, Vladimir Sergeevich [RU/RU]; ul. Zaytzeva, 20-8, St.Petersburg, 198188 (RU). SHOPEN, Viktor Panteleymonovich [RU/RU]; ul. Poimennaya, 3-1, Angarsk, 665824 (RU). BARANOV, Valery Georgiyevich [RU/RU]; ul. Dimitrova, 4-1-408, St.Petersburg, 192239 (RU). VINOGRADOV, Dmitry Viktorovich [RU/RU]; pr. Prosvescheniya, 15/1-5, St.Petersburg, 194195 (RU).

(74) POLIKARPOV, Alexander Viktorovich; a/ya 24, St.Petersburg, 193036 (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 SI 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).

(51)<sup>7</sup> C01B 31/02

(11) WO 03/027011 (13) A2

(21) PCT/US02/17237

(22) 3 Jun/juin 2002 (03.06.2002)

(25) en (26) en

(30) 09/873,928 4 Jun/juin 2001 US (04.06.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CATALYST-INDUCED GROWTH OF CARBON NANOTUBES ON TIPS OF CANTILEVERS AND NANOWIRES

• CROISSANCE INDUITE PAR CATALYSEUR DE NANOTUBES DE CARBONE SUR LES POINTES D'ELEMENTS EN PORTE-A-FAUX ET DE NANOFILS

(71) UT-BATTELLE, LLC [US/US]; P.O. Box 2008, Oak Ridge, TN 37831 (US).

(71, 72) LEE, Ida [US/US]; 106 Dover Lane, Oak Ridge, TN 37830 (US).

(72) LEE, James, Weifu; 204 Elmhurst Drive, Oak Ridge, TN 37830 (US). LOWNDES, Douglas, H.; 2720 Pine Hill Drive, Knoxville, TN 37932 (US). MERKULOV, Vladimir, I.; 1634 Laurel Avenue, #B-12, Knoxville, TN 37916 (US). ERES, Gyula; 7529 Glen Arden Drive, Knoxville, TN 37931 (US). WEI, Yayi; 5 Greenhill Drive, Apt. 19D, Fishkill, NY 12524 (US). GREENBAUM, Elias; 972 West Outer Drive, Oak Ridge, TN 37830 (US).

(74) HARDAWAY, John, B., III et al. / etc.; Nexsen Pruet Jacobs & Pollard, LLC, P.O. Box 10107, Greenville, SC 29603 (US).

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

Declarations / Déclarations :

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

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

(51)<sup>7</sup> C01B 31/04, F27D 11/04, F27B 9/12

(11) WO 03/027012 (13) A1

(21) PCT/NO02/00320

(22) 12 Sep/sep 2002 (12.09.2002)

(25) en (26) en

(30) 20014708 28 Sep/sep 2001 NO (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)



- (54) • ELECTRIC CALCINING FURNACE  
• FOUR DE CALCINATION ELECTRIQUE
- (71) ELKEM ASA [NO/NO]; Hoffsvcein 65B, N-0377 Oslo (NO).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) AUNE, Jan, Arthur [NO/NO]; Svenskerudbakken 16, N-1914 Ytre Enebak (NO). LARSEN, Lars, Petter [NO/NO]; Gamle Heggedalsvei 40, N-1389 Heggedal (NO). NOS, Per, Olav [NO/NO]; Hofstadåsen 7, N-1384 Asker (NO). AAS, Geir [NO/NO]; Haugsetta, N-2050 Jessheim (NO).
- (74) VINDENES, Magne; Elkem ASA Patent Department, P.O. Box 8040, Vågsbygd, N-4675 Kristiansand (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C01B 33/02  
(11) WO 03/027013 (13) A1  
(21) PCT/US02/23708  
(22) 25 Jul/juil 2002 (25.07.2002)  
(25) en (26) en  
(30) 09/960,010 21 Sep/sep 2001 US (21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD OF PRODUCING SILICON METAL PARTICULATES OF REDUCED AVERAGE SIZE  
• PROCEDE DE PRODUCTION DE PARTICULES DE SILICIUM METALLIQUE DE DIMENSION GRANULOMETRIQUE REDUITE
- (71) NEPTEC OPTICAL SOLUTIONS, INC. [US/US]; 110 West Old Andrew Johnson Highway, Jefferson City, TN 37760 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CARBERRY, John [US/US]; 2814 Lake Forest Circle, Talbott, TN 37877 (US).
- (74) STEPHENS, Raymond, E. et al. / etc.; Pitts & Brittan, P.C., P.O. Box 51295, Knoxville, TN 37950-1295 (US).
- (81) AE AG AL AM AT (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 SD SE SG SI SK (Utility model / modèle d'utilité) 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).
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- (51)<sup>7</sup> C01B 33/146, C03C 17/00, C09D 183/02, C03C 17/25  
(11) WO 03/027015 (13) A1  
(21) PCT/EP02/10492  
(22) 19 Sep/sep 2002 (19.09.2002)
- (25) de (26) de  
(30) 101 46 676.5 21 Sep/sep 2001 DE (21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • NOVEL HYBRID SOL FOR PRODUCING ABRASION-RESISTANT SiO<sub>2</sub> ANTIREFLECTION COATINGS  
• NOUVEAU SOL HYBRIDE POUR LA REALISATION DE COUCHES ANTIREFLETS SiO<sub>2</sub> RESISTANTES A L'USURE
- (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) GLAUBITT, Walther [DE/DE]; Margaretenstrasse 12, 97276 Margetshöchheim (DE). KURSAWE, Monika [DE/DE]; Tannenstrasse 2a, 64342 Seesheim-Jugenheim (DE). GOMBERT, Andreas [DE/DE]; Heinrich-Mann-Strasse 5, 79100 Freiburg (DE). HOFFMANN, Thomas [DE/DE]; Sonnenstrasse 35, 90763 Fürth (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 ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C01B 33/44, C08K 7/10, 7/00  
(11) WO 03/027016 (13) A1  
(21) PCT/US02/16355  
(22) 22 May/mai 2002 (22.05.2002)  
(25) en (26) en  
(30) 60/292,764 22 May/mai 2001 US (22.05.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • NANOCOMPOSITE CONTAINING PLATELET AND FIBROUS NANO-FILLER  
• NANOCOMPOSITE CONTENANT DES MATIERES DE REMPLISSAGE FIBREUSE ET LAMELLAIRE DE DIMENSIONS NANOMETRIQUES
- (71) THE DOW CHEMICAL COMPANY [US/US]; 2030 Dow Center, Midland, MI 48674 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GARCES, Juan, M. [US/US]; 1106 W. Sugnet Road, Midland, MI 48640 (US). LAKSO, Steve, R. [US/US]; 3634 West Chippewa River Road, Shepherd, MI 48883 (US). SUN, Tao [US/US]; 6004 Foxboro Court, Midland, MI 48640 (US). JOVANOVIC, Zoran, R. [YU/US]; 712 W. Larkin Street, Midland, MI 48640 (US). KUPERMAN, Alex [CA/US]; 231 Courtney Lane, Orinda, CA 94563 (US). FIBIGER,

- Richard, F.** [US/US]; 3870 Johns Lane, Midland, MI 48642 (US).
- (74) **ULMER, Duane, C.:** The Dow Chemical Company, 2301 N. Brazosport Boulevard, Building B-1211, Freeport, TX 77541-3257 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ 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).
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- (51)<sup>7</sup> **C01B 33/44, B01J 39/14, C08K 9/04**
- (11) **WO 03/027017** (13) A1
- (21) PCT/US02/30378
- (22) **25 Sep/sep 2002 (25.09.2002)**
- (25) en (26) en
- (30) 60/325,296 **27 Sep/sep 2001 US (27.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MODIFIED CLAYS AND METHODS FOR MAKING AND USING THE SAME
- ARGILES MODIFIEES ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELLES-CI
- (71) **ROHM AND HAAS COMPANY** [US/US]; 100 Independence Mall West, Philadelphia, PA 19106-2399 (US).
- (72) **LORAH, Dennis, Paul;** 1692 Heebner Way, Lansdale, PA 19442 (US). **SLONE, Robert, Victor;** 535 Highland Avenue, Ambler, PA 19002 (US). **LEIN, George, Max;** 80 Oxbow Circle, Chalfont, PA 18914 (US).
- (74) **JAEGER, Howard, R. et al. / etc.;** Rohm and Haas Company, 100 Independence Mall West, Philadelphia, PA 19106-2399 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **C01C 1/02, C01B 17/90 // C01C 1/242**
- (11) **WO 03/027018** (13) A1
- (21) PCT/NO02/00344
- (22) **26 Sep/sep 2002 (26.09.2002)**
- (25) no (26) en
- (30) 20014699 **27 Sep/sep 2001 NO (27.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CHEMICAL AND THERMAL DECOMPOSITION OF AMMONIUM SULPHATE INTO AMMONIA AND SULPHURIC ACID
- DECOMPOSITION PAR VOIE CHIMIQUE ET THERMIQUE DU SULFATE D'AMMONIUM EN AMMONIAC ET ACIDE SULFURIQUE
- (71) **SILICA TECH ANS** [NO/NO]; Ole Johan Aulic, P.O. Box 165, N-1313 Vøyenenga (NO).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HANSEN, Tord** [NO/NO]; Vakåsveien 52, N-1395 Hvalstad (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
(s) for all designations / pour toutes les désignations  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> **C01F 11/08, B01J 20/34, B01D 53/50, 53/96**
- (11) **WO 03/027019** (13) A1
- (21) PCT/JP02/09830
- (22) **25 Sep/sep 2002 (25.09.2002)**
- (25) ja (26) ja
- (30) 2001-294551 **26 Sep/sep 2001 JP (26.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR RECYCLING CALCIUM SULFATE
- PROCEDE DE RECYCLAGE DE SULFATE DE CALCIUM
- (71) **YABASHI INDUSTRIES CO., LTD.** [JP/JP]; 188-1, Akasaka-cho, Ogaki-shi, Gifu 503-2213 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GOTO, Yoshimi** [JP/JP]; Gurorisa-Sekando 203, 3-96, Godo, Gifu-shi, Gifu 501-0105 (JP). **KYAW, Kyaw** [MM/JP]; 3224-1, Akasaka-cho, Ogaki-shi, Gifu 503-2213 (JP). **IWASHITA, Tetsushi** [JP/JP]; 3-410-20, Aohaka-cho, Ogaki-shi, Gifu 503-2221 (JP). **MATSUDA, Hitoki** [JP/JP]; 3-178, Horagai, Midori-ku, Nagoya-shi, Aichi 458-0013 (JP).
- (74) **AMINO, Tomoyasu;** 3F., Kojimachi MK Bldg., 3, Kojimachi 4-chome, Chiyoda-ku, Tokyo 102-0083 (JP).
- (81) BR CA CN ID IN JP KR PH RU US VN.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (b)
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- (51)<sup>7</sup> **C01G 23/00**
- (11) **WO 03/027020** (13) A1
- (21) PCT/US02/29899
- (22) **20 Sep/sep 2002 (20.09.2002)**
- (25) en (26) en
- (30) 60/323,946 **21 Sep/sep 2001 US (21.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DISPERSIBLE BARIUM TITANATE-BASED PARTICLES AND METHODS OF FORMING THE SAME
- PARTICULES A BASE DE TITANATE DE BARYUM DISPERSIBLES ET LEURS PROCEDES DE FORMATION
- (71) **CABOT CORPORATION** [US/US]; Suite 1300, Two Seaport Lane, Boston, MA 02210-2019 (US).
- (72) **VENIGALLA, Sridhar;** 5354 Princeton Road, Macungie, PA 18062 (US). **KERCHNER, Jeffrey, A.;** 7 Stone Barn Road, Fleetwood, PA 19522 (US).
- (74) **LANDO, Michelle, B.;** Cabot Corporation, 157 Concord Road, P.O. Box 7001, Billerica, MA 01821-7001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **C02F**
- (11) **WO 03/027021** (13) A2
- (21) PCT/GB02/04320
- (22) **24 Sep/sep 2002 (24.09.2002)**
- (25) en (26) en
- (30) 0122933.5 **24 Sep/sep 2001 GB (24.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FLUID TREATMENT APPARATUS
- APPAREIL DE TRAITEMENT DE FLUIDES
- (71, 72) **SNOWBALL, Malcolm, Robert** [GB/GB]; 4 The Gables, The Plain, Epping, Essex CM16 6TW (GB).
- (74) **EVANS, Huw, David, Duncan;** Urquhart-Dykes & Lord, Three Trinity Court, 21-27 Newport Road, Cardiff CF24 0AA (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C02F

(11) WO 03/027022 (13) A2

(21) PCT/US02/22134

(22) 12 Jul/juil 2002 (12.07.2002)

(25) en (26) en

(30) 09/903,620 13 Jul/juil 2001 US (13.07.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • WASTEWATER TREATMENT SYSTEM  
• SYSTEME DE TRAITEMENT DES EAUX USEES

(71) THE UNITED STATES OF AMERICA, as represented by THE SECRETARY OF AGRICULTURE [US/US]; 1400 Independence Avenue SW, Washington, DC 20250-0302 (US). NORTH CAROLINA STATE UNIVERSITY [US/US]; Director, Technology, Administration and Development, Box 7003-1, Holladay Hall, Raleigh, NC 27695 (US).

(72) VANOTTI, Matias, B.; 2605 W. Andover Road, Florence, SC 29501 (US). SZOGI, Ariel, A.; 1350 Brittany Drive, Florence, SC 29501 (US). HUNT, Patrick, G.; 806 S. Dunes Drive, Florence, SC 29501 (US).

(74) PENDORF, Stephan, A. et al. / etc.; Pendorf & Cutliff, P.O. Box 20445, Tampa, FL 33622-0445 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C02F 1/02

(11) WO 03/027023 (13) A1

(21) PCT/FR02/02469

(22) 12 Jul/juil 2002 (12.07.2002)

(25) fr (26) fr

(30) 01/12624 27 Sep/sep 2001 FR (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM FOR WATER DISPENSER DISINFECTION BY INTEGRAL HEATING, CORRESPONDING METHOD, DEVICE AND FOUNTAINS

• SYSTEME DE DESINFECTION DE FONTAINE A EAU PAR CHAUFFAGE INTEGRAL, PROCEDURE, DISPOSITIF ET FONTAINES CORRESPONDANTS

(71) DIEAU SA [FR/FR]; ZI de Ladoux, Rue Verte, F-63118 Cebazat (FR).

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

(72, 75) RITTER, Jean-Marc [FR/FR]; c/o Dieau SA, ZI Ladoux - Rue Verte, F-63118 Cebazat (FR).

(74) RICHEBOURG, Michel; Cabinet Michel Richebourg, "Le Clos du Golf", 69, rue Saint-Simon, 42000 Saint-Etienne (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> C02F 1/04, 1/14, B01D 1/30, 1/26, 5/00, 3/10

(11) WO 03/027024 (13) A1

(21) PCT/AT02/00138

(22) 7 May/mai 2002 (07.05.2002)

(25) de (26) de

(30) EP 01 890 274.2 25 Sep/sep 2001 EP (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • INSTALLATION FOR THE DESALINATION OR PURIFICATION OF RAW WATER BY MEANS OF DISTILLATION  
• INSTALLATION DE DESSALEMENT OU DE PURIFICATION D'EAU BRUTE PAR DISTILLATION

(71, 72) MARKOPULOS, Johannes [AT/AT]; Leedorferstrasse 101, A-2512 Tribuswinkel (AT).

(74) WEISER, Andreas; Hietzinger Hauptstrasse 4, A-1030 Wien (AT).

(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 SI 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).

(51)<sup>7</sup> C02F 1/24

(11) WO 03/027025 (13) A1

(21) PCT/KR02/01769

(22) 18 Sep/sep 2002 (18.09.2002)

(25) ko (26) en

(30) 2001/57675 18 Sep/sep 2001 KR (18.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS AND METHOD FOR ELIMINATING DISSOLVED SOLIDS

AND SUSPENDED SOLIDES OF WASTEWATER BY MICRO BUBBLE

• APPAREIL ET PROCEDURE D'ELIMINATION DE SOLIDES DISSOUS ET EN SUSPENSION CONTENUS DANS DES EAUX USEES AU MOYEN DE MICRO-BULLES

(71, 72) CHUNG, In [KR/KR]; 205-203, Hyundai Apt., 654, Gaepo-dong, Kangnam-ku, 135-240 Seoul (KR).

(74) YOU ME PATENT & LAW FIRM; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, 135-080 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C02F 1/32

(11) WO 03/027026 (13) A2

(21) PCT/DE02/03591

(22) 24 Sep/sep 2002 (24.09.2002)

(25) de (26) de

(30) 101 47 019.3 25 Sep/sep 2001 DE (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FILTER DEVICE WITH A UVC LAMP AND A CLEANING ARRANGEMENT FOR SAID UVC LAMP

• DISPOSITIF FILTRANT COMPRENANT UNE LAMPE A RAYONS ULTRAVIOLETS C ET UN DISPOSITIF DE NETTOYAGE POUR LADITE LAMPE A RAYONS ULTRAVIOLETS C

(71) OASE WÜBKER GMBH & CO. KG [DE/DE]; Tecklenburger Strasse 161, 48477 Hörstel (DE).

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

(72, 75) HOFFMEIER, Dieter [DE/DE]; Münsterstrasse 255, 49479 Ibbenbüren (DE).

(74) KAYSER & MÖBUS; Hesslerstrasse 40, 59065 Hamm (DE).

(81) CA CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> C02F 1/36

(11) WO 03/027027 (13) A1

(21) PCT/IL02/00789

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 60/324,281 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD FOR STERILIZATION OF A LIQUID

• SYSTEME ET PROCEDE DE STERILISATION D'UN LIQUIDE

(71) P.M.G. MEDICA LTD. [IL/IL]; 47 Hata'asia Street, 36888 Neshet (IL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZUMERIS, Jona [IL/IL]; 15/4 Hatzivoni Street, 36831 Neshet (IL). LEVY, Jacob [IL/IL]; 16 Zion Street, 32291 Haifa (IL). HAZAN, Zaidik [IL/IL]; 12 Vradim Street, 56905 Ganei Yehuda (IL). ZUMERIS, Yanina [IL/IL]; 15/4 Hatzivoni Street, 36831 Neshet (IL).

(74) EITAN, PEARL, LATZER & COHEN-ZEDEK et al. / etc.; 2 Gav Yam Center, 7 Shenkar Street, 46725 Herzlia (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C02F 1/40, 11/00, C25B 11/00, 13/00, 9/00, G01N 27/27, 27/403, 27/453

(11) WO 03/027028 (13) A1

(21) PCT/US02/31202

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 2001-298987 28 Sep/sep 2001 JP (28.09.2001)

(30) 2002-158494 31 May/mai 2002 JP (31.05.2002)

(30) 60/414,090 27 Sep/sep 2002 US (27.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTI-CAPILLARY ARRAY ELECTROPHORESIS DEVICE

• DISPOSITIF D'ELECTROPHORESE A RESEAU MULTI-CAPILLAIRE

(71) APPLERA CORPORATION [US/US]; 850 Lincoln Centre Drive, Foster City, CA 94404 (US). HITACHI, LTD. [JP/JP]; Hitachi-Life Bldg., 20-2 Saiwaicho 1-chome, Hitachi-shi, Ibaraki-ken 317-0073 (JP).

(72) NORDMAN, Eric, S.; 215 Middlefield Road, Palo Alto, CA 94310 (US). INABA, Ryouji; c/o Hitachi, Ltd., Hitachi-Life Bldg., 20-2, Saiwaicho 1-chome, Hitachi-shi, Ibaraki-Ken 317-0073 (JP). SYOUJI, Tomohiro; c/o Hitachi, Ltd., Hitachi-Life Bldg., 20-2, Saiwaicho 1-chome, Hitachi-shi, Ibaraki-Ken 317-0073 (JP). KOJIMA, Massaya; c/o Hitachi, Ltd., Hitachi-Life Bldg., 20-2, Saiwaicho 1-chome, Hitachi-shi, Ibaraki-Ken 317-0073 (JP). KASAI, Syouzo; c/o Hitachi, Ltd., Hitachi-Life Bldg., 20-2, Saiwaicho 1-chome, Hitachi-shi, Ibaraki-Ken 317-0073 (JP). SHIMIZU, Syouji; c/o Hitachi, Ltd., Hitachi-Life Bldg., 20-2, Saiwaicho 1-chome, Hitachi-shi, Ibaraki-Ken 317-0073 (JP). UKAI, Seichi; c/o Hitachi,

Ltd., Hitachi-Life Bldg., 20-2, Saiwaicho 1-chome, Hitachi-shi, Ibaraki-Ken 317-0073 (JP). MORIOKA, Tomonari; c/o Hitachi, Ltd., Hitachi-Life Bldg., 20-2, Saiwaicho 1-chome, Hitachi-shi, Ibaraki-Ken 317-0073 (JP). SHIBASAKI, Takehiko; c/o Hitachi, Ltd., Hitachi-Life Bldg., 20-2, Saiwaicho 1-chome, Hitachi-shi, Ibaraki-Ken 317-0073 (JP).

(74) BOWERSOX, Leonard, D.; Kilyk & Bowersox, P.L.L.C., 3603 Chain Bridge Road, Suite E, Fairfax, VA 22030 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C02F 1/461, 1/467, 1/28, 1/42, 1/72 // 101:30, 103:14

(11) WO 03/027029 (13) A1

(21) PCT/GB01/04177

(22) 19 Sep/sep 2001 (19.09.2001)

(25) en (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR THE DESTRUCTION OF DYES AND OTHER ORGANIC MOLECULES

• PROCEDE ET DISPOSITIF POUR LA DESTRUCTION DE COLORANTS ET AUTRES MOLECULES ORGANIQUES

(71) FLUID DYNAMICS INTERNATIONAL LTD. [GB/GB]; East Common, Gerrard's Cross, Bucks SL9 7AG (GB). BRUNEL UNIVERSITY [GB/GB]; Uxbridge, Middlesex UB8 3PH (GB).

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

(72, 75) SPENCER, Robert, John [GB/GB]; East Common, Gerrard's Cross, Bucks SL9 7AG (GB). DONALDSON, John, Dallas [GB/GB]; Brunel University, Uxbridge, Middlesex UB8 3PH (GB). GRIMES, Susan, Mary [GB/GB]; Brunel University, Uxbridge, Middlesex UB8 3PH (GB). CHAUDHARY, Abdul, Jabbar [GB/GB]; Brunel University, Uxbridge, Middlesex UB8 3PH (GB).

(74) SPENCER, Robert; Fluid Dynamics International, East Common, Gerrard's Cross, Bucks SL9 8AG (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 PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA 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 GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

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

(51)<sup>7</sup> C02F 3/02, 3/06

(11) WO 03/027030 (13) A1

(21) PCT/GB02/04420

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 0123145.5 26 Sep/sep 2001 GB (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS FOR THE PURIFICATION OF WATER

• APPAREIL D'EPURATION D'EAU

(71) HEPWORTH BUILDING PRODUCTS LIMITED [GB/GB]; Hazlehead, Crow Edge, Sheffield S36 4HG (GB).

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

(72, 75) BROOK, Alan [GB/GB]; Denecrest, Towngate, Hepworth, Huddersfield HD7 1TE (GB).

(74) MOUNTENEY, Simon, James; Marks & Clerk, 57-60 Lincolns Inn Fields, London WC2A 3LS (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C02F 3/10

(11) WO 03/027031 (13) A1

(21) PCT/CA02/01462

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 2,357,907 26 Sep/sep 2001 CA (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BIOLOGICAL WATER TREATMENT ASSEMBLY INCLUDING A BACTERIA GROWTH DEVICE AND METHOD ASSOCIATED THERETO

• ENSEMBLE DE TRAITEMENT BIOLOGIQUE DES EAUX COMPRENANT UN DISPOSITIF DE CULTURE DE

BACTERIES ET PROCEDE ASSOCIE A CELUI-CI

(71) STRATEGIC ENVIRONMENTAL TECHNOLOGIES LTD. [US/—]; Temple financial Center, P.O. Box 62, Leeward Highway, Providenciales (TC).

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

(72, 75) LORD, Garfield, R. [CA/—]; Chancery Court, P.O. Box 209, Providenciales (TC).

(74) ROBIC; 55, rue St-Jacques, Montréal, Québec H2Y 3X2 (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C03B 37/018

(11) WO 03/027032 (13) A1

(21) PCT/US02/28933

(22) 10 Sep/sep 2002 (10.09.2002)

(25) en (26) en

(30) 09/960,559 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR REDUCING STRESS BETWEEN DEPOSITIONS WITHIN A SUBSTRATE TUBE

• PROCEDE ET APPAREIL DE REDUCTION DES CONTRAINTES ENTRE DES DEPOTS EFFECTUES A L'INTERIEUR D'UN TUBE SUBSTRAT

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) DESANDRO, Jean-Philippe; 3 Terra Nova, Kirkland, Québec H9J 1M8 (CA). HOUSE, Keith, L.; 2249 Spencer Hill Road, Corning, NY 14830 (US). KOH, Joohyun; 170 Wygant Rd., Apt. #12, Horseheads, NY 14845 (US). MAZUMDER, Prantik; #33, 137 Field St., Corning, NY 14830 (US).

(74) WAYLAND, Randall, S.; Corning Incorporated, Patent Department, SP-TI-3-1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> C03B 37/018

(11) WO 03/027033 (13) A1

(21) PCT/US02/29175

(22) 13 Sep/sep 2002 (13.09.2002)

(25) en (26) en

(30) 60/325,929 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IMPROVED METHODS AND FURNACES FOR FUSED SILICA PRODUCTION

• PROCEDES ET FOURS AMELIORES POUR LA PRODUCTION DE VERRE DE SILICE

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) MARLEY, Floyd, E; 191 Pritchard Avenue, Corning, NY 14830 (US). SEMPOLINSKI, Daniel, R; 5 Overlook Road, Painted Post, NY 14870 (US). SPROUL, Merrill, F; 40 Antler Drive, Big Flats, NY 14814 (US).

(74) SCHAEBERLE, Timothy M; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> C03C

(11) WO 03/027034 (13) A2

(21) PCT/EP02/10495

(22) 19 Sep/sep 2002 (19.09.2002)

(25) de (26) de

(30) 101 46 687.0 21 Sep/sep 2001 DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • GLASS COMPRISING A POROUS ANTI-REFLECTION SURFACE COATING AND METHOD FOR PRODUCING ONE SUCH GLASS

• VERRE A REVETEMENT SUPERFICIEL POREUX ANTIREFLECHISANT, ET PROCEDE DE FABRICATION D'UN TEL VERRE

(71) FLABEG SOLARGLAS GMBH & CO KG [DE/EE]; Siemensstrasse 3, 90766 Fürth (DE).

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

(72, 75) GLAUBITT, Walther [DE/DE]; Margarethenstrasse 12, 92276 Margetshöchheim (DE). KURSAWE, Monika [DE/DE]; Tanenstrasse 2a, 64342 Seeheim-Jugenheim (DE). GOMBERT, Andreas [DE/DE]; Heinrich-Mann-Strasse 15, 79100 Freiburg (DE). HOFMANN, Thomas [DE/DE]; Sonnenstrasse 35, 90763 Fürth (DE).

(74) TERGAU & POHL; Eschersheimer Landstrasse 26, 60322 Frankfurt am Main (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 SI 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 IE IT LU MC NL

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

(51)<sup>7</sup> C03C 3/06

(11) WO 03/027035 (13) A1

(21) PCT/US02/29116

(22) 13 Sep/sep 2002 (13.09.2002)

(25) en (26) en

(30) 60/325,950 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FUSED SILICA HAVING HIGH INTERNAL TRANSMISSION AND LOW BIREFRINGENCE

• SILICE FONDUE A FORTE TRANSMISSION INTERNE ET FAIBLE BIREFRINGENCE

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) DOMEY, Jeffrey J; 165 Ashton Drive, Goose Creek, CA 29445 (US). HESLIN, Michael R; 67 Suburban Drive, Elmira, NY 14903 (US). LADISON, Julie L; 7 Mechanic Street, Canton, NY 13617 (US). LINDER, Michael W; 28 Spencer Hill Road, Corning, NY 14830 (US). MAXON, John E; 17 Wells Street, Canton, NY 13617 (US). MOLL, Johannes; 23 Tall Meadow, Painted Post, NY 14870 (US). PAVLIK, JR., Robert S; 214 Walnut Street, Corning, NY 14830 (US). SEMPOLINSKI, Daniel R; 5 Overbrook Road, Painted Post, NY 14870 (US).

(74) SCHAEBERLE, Timothy M; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> C03C 3/095, 4/02, 4/08

(11) WO 03/027036 (13) A1

(21) PCT/US02/28707

(22) 10 Sep/sep 2002 (10.09.2002)

(25) en (26) en

(30) 09/962,843 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • GREY GLASS COMPOSITION INCLUDING ERBIUM, HOLMIUM, AND/OR YTTRIUM

• COMPOSITION DE VERRE GRIS COMPOSEE D'ERBIUM, D'HOLMIUM ET/OU D'YTTRIUM

(71) GUARDIAN INDUSTRIES CORP. [US/US]; 2300 Harmon Road, Auburn Hills, MI 48326-1714 (US).

(72) LANDA, Ksenia, A.; 8714 Bellevue Road, Grosse Ile, MI 48138 (US). LANDA, Leonid; 8714 Bellevue Road, Grosse Ile, MI 48138 (US). LONGOBARDO, Anthony, V.; 5050 East Dean Road, Howell, MI 48843 (US). THOMSEN, Scott, V.; 4598 Windswept Drive, Milford, MI 48380 (US). HALL, David, R., Jr.; 1300 Lafayette East #905, Detroit, MI 48207 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C03C 25/28

(11) WO 03/027037 (13) A2

(21) PCT/US02/25309

(22) 8 Aug/aouût 2002 (08.08.2002)

(25) en (26) en

(30) 60/323,622 21 Sep/sep 2001 US (21.09.2001)

(30) 10/087,481 1 Mar/mar 2002 US (01.03.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • OPTICAL FIBER COATINGS WITH PRESSURE SENSITIVE ADHESIVE CHARACTERISTICS

• REVETEMENTS POUR FIBRES OPTIQUES PRESENTANT LES CARACTERISTIQUES D'UN ADHESIF SENSIBLE A LA PRESSION

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) FEWKES, Edward, J.; 330 West Avenue, Horseheads, NY 14845 (US). JACOBS, Gregory, F.; 909 Hoffman Street, Elmira, NY 14905 (US). KOUZMINA, Inna, I.; 2780 Pinewood Circle, Corning, NY 14830 (US). MCCARTHY, Kevin, R.; 302 Tiffitt Avenue, Horseheads, NY 14845 (US). SHENG, Huan-Hung; 12305 Danielle Christina Court, Charlotte, NC 28216 (US). SIMON-TON, Kristi, L.; 302 Spring Creek Drive, Apt. 4, Horseheads, NY 14845 (US).

(74) SUGGS, James, V.; Corning Incorporated, Patent Department, SP TI 3-1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (i)

(51)<sup>7</sup> C04B 16/06

(11) WO 03/027038 (13) A1

(21) PCT/US02/27972

(22) 3 Sep/sep 2002 (03.09.2002)

(25) en (26) en

(30) 09/962,830 25 Sep/sep 2001 US (25.09.2001)

(30) 10/113,441 29 Mar/mar 2002 US (29.03.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PUMPABLY VERIFIABLE FLUID FIBER COMPOSITIONS

• COMPOSITIONS FIBREUSES SUSCEPTIBLES D'ETRE POMPEES ET MESUREES A L'AIDE D'UN FLUIDE

(71) W.R. GRACE & CO.-CONN. [US/US]; 7500 Grace Drive, Columbia, MD 21044 (US).

(72) MACKLIN, Michael, B.; 9 Pierce Avenue, Westford, MA 01886 (US). RANGANATHAN, Anandakumar; 73B Lionel Avenue, Waltham, MA 02452 (US). RIEDER, Klaus-Alexander; 20 Lovett Street, Apt. #6, Beverly, MA 01915 (US). SHEN, Ding, Feng; 239 Captain Eames Circle, Ashland, MA 01721 (US). BUCHANAN, Michael; 2 Oak Terrace, Apt. 3, Somerville, MA 02143 (US). FIERKE, Randall; 200 Sunrise Avenue, Hinsdale, IL 60527 (US). VERRILL, Jessica; 157 Hamilton Street, Saugus, MA 01906 (US). INDGE, Donald; 52 Farnham Street, Belmont, MA 02478 (US). AGRESTI, David; 8 Indian Lane, Franklin, MA 02038 (US). WESTGATE, Paul; 83 Nashoba Road, Littleton, MA 01460 (US).

(74) LEON, Craig, K.; 62 Whittemore Avenue, Cambridge, MA 02140 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C04B 28/14, 24/26, E04C 2/04

(11) WO 03/027039 (13) A1

(21) PCT/US02/29672

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 09/965,306 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • GYPSUM WALLBOARD COMPOSITION, WALLBOARD PANE, AND METHOD OF MAKING SAME

• COMPOSITION POUR PAROI EN PLATRE, PLAQUE DE PAROI ET PROCEDE DE FABRICATION CORRESPONDANT

(71) NATIONAL GYPSUM PROPERTIES LLC. [US/US]; 2001 Rexford Road, Charlotte, NC 2811-3498 (US).

(72) SETHURAMAN, Gopalakrishnan; 15 Tiffany Place, East Amherst, NY 14051 (US). BURKE, Roy, W.; 10 Westwood Drive, Tonawanda, NY 14150 (US). AYAMBEM, Amba; 250 Misty Lane, East Amherst, NY 14051 (US).

(74) BUNTEL, Christopher, J., Ph., D.; Howrey Simon Arnold & White, LLP., 750 Bering Drive, Houston, TX 77057-2198 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C04B 35/66, C09D 7/12

(11) WO 03/027040 (13) A1

(21) PCT/JP02/09765

(22) 24 Sep/sep 2002 (24.09.2002)

(25) ja (26) ja

(30) 2001-294583 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • THERMALLY INSULATING COATING MATERIAL FOR REFRACTORY CONTAINING CARBON

• MATERIAU DE REVETEMENT THERMO-ISOLANT DESTINE A UN REFRACTAIRE CONTENANT DU CARBONE

(71) SHINAGAWA REFRACTORIES CO., LTD. [JP/JP]; 1-7, Kudan-Kita 4-chome, Chiyoda-ku, Tokyo 102-0073 (JP).

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

(72, 75) TSUKAMOTO, Noboru [JP/JP]; c/o Shinagawa Refractories Co., Ltd., 1-7, Kudan-kita 4-chome, Chiyoda-ku, Tokyo 102-0073 (JP). SHIKE, Shuji [JP/JP]; c/o Shinagawa Refractories Co., Ltd., 1-7, Kudan-Kita 4-chome, Chiyoda-ku, Tokyo 102-0073 (JP). HIDA, Eishi [JP/JP]; c/o Shinagawa Refractories Co., Ltd., 1-7, Kudan-Kita 4-chome, Chiyoda-ku, Tokyo 102-0073 (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) AU US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> C04B 38/00, B32B 18/00, H01M 8/02, 8/12

(11) WO 03/027041 (13) A1

(21) PCT/JP02/09913

(22) 26 Sep/sep 2002 (26.09.2002)

(25) ja (26) ja

(30) 2001-292882 26 Sep/sep 2001 JP (26.09.2001)

(30) 2001-297325 27 Sep/sep 2001 JP (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LAMINATED CERAMIC SINTERED COMPACT, METHOD FOR PRODUCING LAMINATED CERAMIC SINTERED COMPACT, ELECTROCHEMICAL CELL, ELECTROCONDUCTIVE

JOINING MEMBER FOR ELECTRO-CHEMICAL CELL, AND ELECTRO-CHEMICAL DEVICE

- PASTILLE FRITEE CERAMIQUE STRATIFIEE, SON PROCEDE DE PRODUCTION, CELLULE ELECTROCHIMIQUE, ELEMENT DE JONCTION ELECTROCONDUCTEUR POUR CELLULE ELECTROCHIMIQUE, ET DISPOSITIF ELECTROCHIMIQUE

(71) NGK INSULATORS, LTD. [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP).

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

(72, 75) ITO, Shigenori [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP). OKUMURA, Kiyoshi [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP). SAKAI, Hiroaki [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP).

(74) HOSODA, Masutoshi et al. / etc.; NEW ATT BLDG. 7F, 11-7, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> C04B 40/00

(11) WO 03/027042 (13) A2

(21) PCT/EP02/09828

(22) 3 Sep/sep 2002 (03.09.2002)

(25) en (26) en

(30) TV01A000130 24 Sep/sep 2001 IT (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR THE MANUFACTURE OF STONE PRODUCTS, PARTICULARLY OF SLABS PROVIDED WITH A VEINED EFFECT

- PROCEDE DE FABRICATION DE PRODUITS EN PIERRE, NOTAMMENT DE DALLES PRESENTANT UN EFFET VEINE

(71, 72) TONCELLI, Luca [IT/IT]; Viale Asiago, 34, I-36061 Bassano del Grappa (IT).

(74) AGOSTINI, Agostino et al. / etc.; Dragotti & Associati Srl, Via Paris Bordone, 9, I-31100 Treviso (IT).

(81) CA IL US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> C04B 41/52, 37/00, 37/02, H01L 23/373

(11) WO 03/027043 (13) A1

(21) PCT/US02/30810

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/965,478 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BRAZEABLE MATALLIZATIONS FOR DIAMOND COMPONENTS

- STRUCTURES DE METALLISATION POUVANT ETRE BRASEES ET DES-TINEES A DES COMPOSANTS EN DIAMANT

(71) MORGAN CHEMICAL PRODUCTS, INC. [US/US]; 7331 William Avenue, Allentown, PA 18106-9328 (US).

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

(72, 75) PETKIE, Ronald, R. [US/US]; 406 Race Street, Macungie, PA 18062 (US).

(74) PRATT, John, S.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C05F 9/02

(11) WO 03/027044 (13) A1

(21) PCT/US02/30615

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 09/965,193 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMPOSTING APPARATUS AND METHOD

- PROCEDE ET DISPOSITIF DE COMPOSTAGE

(71) BIOSYSTEM SOLUTIONS [US/US]; 41 Merwin Avenue, Fairfax, CA 94930 (US).

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

(72, 75) GITT, Brian [US/US]; 1613 Sir Francis Drake Blvd, Fairfax, CA 94930 (US).

(74) JEWIK, Patrick, R. et al. / etc.; TOWNSEND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> C06B

(11) WO 03/027045 (13) A2

(21) PCT/US02/30778

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/325,312 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MONOPROPELLANT/HYPERGOLIC POWERED PROPORTIONAL ACTUATOR

- ACTIONNEUR PROPORTIONNEL ENTRAINÉ AVEC DE L'HYPERGOL/DU MONERGOL

(71) VANDERBILT UNIVERSITY [US/US]; Box 6009 Station B, Nashville, TN 37235 (US).

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(72, 75) GOLDFARB, Michael [US/US]; 3030 Old Hillsboro Road, Franklin, TN 37064 (US). WEHRMEYER, Joseph [US/US]; 304 Arnold Road, Brentwood, TN 37027 (US). BARTH, Eric [US/US]; 4601 Park Avenue, Nashville, TN 37209 (US). STRAUSS, Alvin [US/US]; 2303 Valley Brook Road, Nashville, TN 27215 (US).

(74) BARRETT, Michael, C.; Fulbright & Jaworski, L.L.P., Suite 2400, 600 Congress Avenue, Austin, TX 78701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C06B 47/14

(11) WO 03/027046 (13) A2

(21) PCT/US01/51576

(22) 1 Nov/nov 2001 (01.11.2001)

(25) en (26) en

(30) 60/245,339 2 Nov/nov 2000 US (02.11.2000)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • STABILIZED ENERGETIC WATER IN OIL EMULSION COMPOSITION

- COMPOSITION D'EMULSION EAU DANS HUILE ENERGETIQUE STABILISEE

(71) THE LUBRIZOL CORPORATION [US/US]; 29400 Lakeland Boulevard, Wickliffe, OH 44092-2298 (US).

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

(72, 75) MULLAY, John, J. [US/US]; 9251 Lori Jean Drive, Mentor, OH 44060 (US). POL-LACK, Robert, A. [US/US]; 17330 Curry Lane, Auburn, OH 44023 (US).

(74) FISCHER, Joseph, P. et al. / etc.; The Lubrizol Corporation, Patent Dept.- 022B, 29400 Lakeland Blvd., Wickliffe, OH 44092-2298 (US).

(81) AU CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> C07B 61/00

(11) WO 03/027047 (13) A1

(21) PCT/SE02/01770

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 0103249-9 28 Sep/sep 2001 SE (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • GENERATION OF COMPOUND LIBRARIES UTILIZING MOLECULAR IMPRINTS INCLUDING A DOUBLE OR ANTI-IDIOTYPIC APPROACH

• GENERATION DE BIBLIOTHEQUES DE COMPOSES A EMPREINTES MOLECULAIRES UTILISANT UNE DOUBLE APPROCHE OU UNE APPROCHE ANTI-IDIOTYPIQUE

(71, 72) MOSBACH, Klaus [SE/SE]; Lackalånga 31, S-244 94 Furulund (SE). YE, Lei [CN/SE]; Klarinettgränden 9c, S-224 68 Lund (SE).

(74) AWAPATENT AB; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE (Utility model / modèle d'utilité) DK (Utility model / modèle d'utilité) DM DZ EC EE (Utility model / modèle d'utilité) ES FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SI SK (Utility model / modèle d'utilité) 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) C07B 63/00

(11) WO 03/027048 (13) A2

(21) PCT/EP02/10331

(22) 14 Sep/sep 2002 (14.09.2002)

(25) de (26) de

(30) 101 46 717.6 21 Sep/sep 2001 DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEHYDRATION OF FLUORINATED ORGANIC COMPOUNDS

• DESHYDRATATION DE COMPOSES ORGANIQUES FLUORES

(71) SOLVAY FLUOR UND DERIVATE GMBH [DE/DE]; Hans-Böckler-Allee 20, 3173 Hannover (DE).

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

(72, 75) BRAUN, Max [DE/DE]; Varloh 8, 30900 Wedemark (DE). BORMANN, Helmut [DE/DE]; Leonhardring 53, 31319 Sehnde (DE).

(74) FISCHER, Reiner; Solvay Pharmaceuticals GmbH, Hans-Böckler-Allee 20, 30173 Hannover (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI FR GB GR IE IT LU MC NL ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07B 63/00, 63/04, C07C 59/48, 51/48, 39/11, 37/72, 27/34, C07H 1/06, 17/07

(11) WO 03/027049 (13) A1

(21) PCT/JP02/09656

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 2001-287013 20 Sep/sep 2001 JP (20.09.2001)

(30) 2001-287014 20 Sep/sep 2001 JP (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF EXTRACTING AND METHOD OF PURIFYING AN EFFECTIVE SUBSTANCE

• PROCEDES D'EXTRACTION ET DE PURIFICATION D'UNE SUBSTANCE EFFICACE

(71) EZAKI GLICO CO., LTD. [JP/JP]; 4-6-5, Utajima, Nishiyodogawa-ku, Osaka-shi, Osaka 555-8502 (JP).

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

(72, 75) KURIKI, Takashi [JP/JP]; 8-C-512, Satsukigaokahigashi, Suita-shi, Osaka 565-0831 (JP). NISHIMURA, Takahisa [JP/JP]; 1-7-10-5, Saidaijinogamicho, Nara-shi, Nara 631-0833 (JP). SUGIMOTO, Kazuhisa [JP/JP]; 3-23, Shichijodori, Sakai-shi, Osaka 590-0042 (JP).

(74) YAMAMOTO, Shusaku et al. / etc.; Fifteenth Floor, Crystal Tower, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07C 1/00

(11) WO 03/027050 (13) A2

(21) PCT/US02/30722

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/966,954 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROCESS FOR PREPARING PENTACENE DERIVATIVES

• PROCEDE DE PREPARATION DE DERIVES DE PENTACENE

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

(72) VOGEL, Dennis, E.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). VOGEL, Kim, M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) WEISS, Lucy, C. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(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 (Utility model / modèle d'utilité) DK (Utility model / modèle d'utilité) 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 SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> C07C 17/25, 21/18

(11) WO 03/027051 (13) A1

(21) PCT/US02/30353



- (22) 25 Sep/sep 2002 (25.09.2002)  
 (25) en (26) en  
 (30) 09/962,974 25 Sep/sep 2001 US  
 (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PROCESS FOR PRODUCING FLUORO-ROOLEFINS  
 • PROCEDE DE PRODUCTION DE FLUORO-OLEFINES
- (71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) HARIDASON, Nair, K.; 5032 Eastbrooke Place, Williamsville, NY 14221 (US). SHANKLAND, Ian, R.; 6 Horizon Court, Randolph, NJ 07869 (US). BRADLEY, David, E.; 93 Flower Street, Buffalo, NY 14214 (US). POSS, Andrew, J.; 62 Deerhurst Park Boulevard, Kenmore, NY 14217 (US). DEMMIN, Timothy, R.; 87 Havenwood Lane, Grand Island, NY 14072 (US). NALWAJEK, David; 22 Ceder Court, West Seneca, NY 14221 (US). VAN DER PUY, Michael; 3 Exeter Road, Amherst, NY 14221 (US).
- (74) CRISS, Roger, H. et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C07C 29/80, 29/50, 35/205  
 (11) WO 03/027052 (13) A2  
 (21) PCT/US02/30371  
 (22) 19 Sep/sep 2002 (19.09.2002)  
 (25) en (26) en  
 (30) 60/324,863 26 Sep/sep 2001 US  
 (26.09.2001)  
 (30) 10/244,222 16 Sep/sep 2002 US  
 (16.09.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR MAKING A SUBSTANTIALLY PURE MIXTURE OF CYCLODODECANEDIOL ISOMERS AND USES THEREOF  
 • METHODE DE PRODUCTION D'UN MELANGE SENSIBLEMENT PUR D'ISOMERES DE CYCLODODECANEDIOL, ET UTILISATION DUDIT MELANGE
- (71) E. I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
- (72) LANE, Samuel; 825 Sunrise Lane, Kennett Square, PA 19348 (US). MORAN, Edward, Jr.; 20 Storrie Avenue, Gibbstown, NJ 08027 (US). OSTERMAIER, John, J.; 724 Foulkstone Road, Wilmington, DE 19803 (US).
- (74) SEBREE, Chyrrea, J.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07C 31/20, 29/86, 29/80  
 (11) WO 03/027053 (13) A1  
 (21) PCT/JP02/09909  
 (22) 26 Sep/sep 2002 (26.09.2002)  
 (25) ja (26) ja  
 (30) 2001/294073 26 Sep/sep 2001 JP  
 (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • 1,3-BUTYLENE GLYCOL AND PROCESS FOR PRODUCING THE SAME  
 • 1,3-BUTYLENE GLYCOL ET PROCEDE DE PRODUCTION ASSOCIE
- (71) KYOWA YUKA 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) MIZUTANI, Satoru [JP/JP]; c/o Yokkaichi Research Laboratories, Kyowa Yuka Co., Ltd., 3, Daikyo-cho 2-chome, Yokkaichi-shi, Mie 510-8502 (JP). HISAMURA, Koji [JP/JP]; c/o Yokkaichi Research Laboratories, Kyowa Yuka Co., Ltd., 3, Daikyo-cho 2-chome, Yokkaichi-shi, Mie 510-8502 (JP). KINOSHITA, Hirotaka [JP/JP]; c/o Yokkaichi Research Laboratories, Kyowa Yuka Co., Ltd., 3, Daikyo-cho 2-chome, Yokkaichi-shi, Mie 510-8502 (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 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07C 69/66, 67/03, 67/12, A61K 7/48  
 (11) WO 03/027055 (13) A1  
 (21) PCT/KR02/01793  
 (22) 23 Sep/sep 2002 (23.09.2002)  
 (25) ko (26) en  
 (30) 2001/59048 24 Sep/sep 2001 KR  
 (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • 3,4,5-TRIMETHOXY PHENYL-BASED ESTER COMPOUND AND PREPARATION METHOD THEREOF AND WHITENING COSMETIC COMPOSITION CONTAINING THE SAME  
 • COMPOSES ESTERS A BASE DE 3,4,5-TRIMETHOXY-PHENYLE, LEUR ELABORATION, ET COMPOSITION COSMETIQUE ECLAIRCISANTE A BASE DE CES COMPOSES
- (71) PACIFIC CORPORATION [KR/KR]; 181, Hankang-ro 2-ka, Yongsan-ku, 140-777 Seoul (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) RHO, Ho-Sik [KR/KR]; No. A-702, Yunhwa Apartment, 277-1, Sam-dong, Uiwang-si, 437-040 Kyunggi-do (KR). HWANG, Jae-Sung [KR/KR]; No. 834-603, Jukong Apartment, Byukjuk-gol, Young-tong-dong, Paldal-ku, Suwon-si, 442-470 Kyunggi-do (KR). CHOI, Hyun-Jung [KR/KR]; No. 202, 1008-16, Young-tong-dong, Paldal-ku, Suwon-si, 442-470 Kyunggi-do (KR). SHIN, Hyun-Jung [KR/KR]; 846-40, Hwagok-2-dong,

- Kangseo-ku, 157-012 Seoul (KR). **KIM, Bae-Hwan** [KR/KR]; No. 903-606, Jukong Apartment, Byukjuk-gol, Youngtong-dong, Paldal-ku, Suwon-si, 442-470 Kyunggi-do (KR). **LEE, Eun-Young** [KR/KR]; No. B02, Hyundai Villa, 940-18, Bongchun-9-dong, Kwanak-ku, 151-059 Seoul (KR). **LEE, Byeong-Gon** [KR/KR]; No. 102-1206, Keosan Apartment, 104-3, Kungok-dong, Kwonsun-ku, Suwon-si, 441-460 Kyunggi-do (KR). **KIM, Duck-Hee** [KR/KR]; No. 2-902, Jamwon Family Apartment, Jamwon-dong, Seocho-ku, 137-030 Seoul (KR).
- (74) **YOON, Dong-Yol** et al. / etc.; 9th Fl., Yosam Bldg., 648-23, Yoksam-dong, Kangnam-ku, 135-748 Seoul (KR).
- (81) CN JP US.  
(84) EP (FR).
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- (51)<sup>7</sup> C07C 69/76, C09K 19/20, 19/30  
(11) WO 03/027056 (13) A1  
(21) PCT/CH02/00525  
(22) 23 Sep/sep 2002 (23.09.2002)  
(25) en (26) en  
(30) 01810929.8 24 Sep/sep 2001 EP (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • LIQUID CRYSTALLINE "LATERALLY POLYMERIZABLE" COMPOUNDS  
• COMPOSES CRISTAUX LIQUIDES "POLYMERISABLES LATERALEMENT"
- (71) **ROLIC AG** [CH/CH]; Chamerstrasse 50, CH-6301 Zug (CH).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PEGLOW, Thomas** [DE/DE]; Schwarzwaldstrasse 39a, 79539 Lörrach (DE). **BENECKE, Carsten** [DE/DE]; Vierthauen 9, 79576 Weil am Rhein (DE). **CHERKAOUI, Zoubair, Mohammed** [MA/CH]; Allmendstrasse 2, CH-4123 Allschwil (CH).
- (74) **CARREIRA, Andrea**; Isler & Pedrazzini AG, Gotthardstrasse 53, Postfach 6940, CH-8023 Zürich (CH).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07C 211/00  
(11) WO 03/027057 (13) A1  
(21) PCT/KR02/01826  
(22) 27 Sep/sep 2002 (27.09.2002)
- (25) ko (26) en  
(30) 2001/60781 28 Sep/sep 2001 KR (28.09.2001)  
(30) 2001/69268 7 Nov/nov 2001 KR (07.11.2001)  
(30) 2002/57020 18 Sep/sep 2002 KR (18.09.2002)  
(30) 2002/58273 26 Sep/sep 2002 KR (26.09.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR PREPARING OF CATIONIC SURFACTANTS AND FABRIC SOFTENER COMPOSITION USING THE SAME  
• PROCEDE DE PREPARATION DE TENSIOACTIFS CATIONIQUES ET COMPOSITION D'ADOUCCISSANT TEXTILE UTILISANT CES TENSIOACTIFS
- (71) **LG HOUSEHOLD & HEALTH CARE LTD.** [KR/KR]; LG Twin Tower, Yoido-dong 20, Youngdungpo-ku, 150-721 Seoul (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JEONG, Gug-In** [KR/KR]; 106-1105 Sejong apt., Jeonmin-dong, Yuseong-gu, 305-728 Daejeon-city (KR). **HA, Jeong-Wook** [KR/KR]; 315-1102 Songkang-green apt., Songkang-dong, Yuseong-gu, 305-751 Daejeon-city (KR). **YOON, Yeo-Kyeong** [KR/KR]; 103-604 Cheongku apt., Jeonmin-dong, Yuseong-gu, 305-390 Daejeon-city (KR). **KIM, Tae-Seong** [KR/KR]; 203-603 Expo apt., Jeonmin-dong, Yuseong-gu, 305-761 Daejeon-city (KR). **LEE, Eun-joo** [KR/KR]; 1-108 LG Apt., 386-4, Doryong-dong, Yuseong-gu, Daejeon-city 305-343 (KR).
- (74) **YOU ME PATENT & LAW FIRM**; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, 135-080 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07C 215/68, 215/24, 215/28, 233/43, C07F 9/113, C07C 311/04, A61P 35/00, 43/00, A61K 31/135, 31/165, 31/66  
(11) WO 03/027058 (13) A1  
(21) PCT/IL01/00909  
(22) 26 Sep/sep 2001 (26.09.2001)  
(25) en (26) en  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SPHINGOLIPIDS  
• SPHINGOLIPIDES
- (71) **YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM** [IL/IL]; Hi Tech Park, The Hebrew University of Jerusalem, Edmond J. Safra Campus, Givat Ram P.O. Box 39135, Jerusalem 91390 (IL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAGAN, Arie** [IL/IL]; Harlap Street 13, 92341 Jerusalem (IL). **GATT, Shimon** [IL/IL]; Bartenura Street 11, 92104 Jerusalem (IL).
- (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE 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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY CZ 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).
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- (51)<sup>7</sup> C07C 231/02, 233/76, 233/78, 233/80, 233/87, 235/84, 269/06, 271/44, 303/30, 303/40, 309/66, 311/08, 329/06, C07D 333/22, 333/24, 333/40, 209/42, 209/14, 215/48, 319/20, 319/16, 319/08, 317/48, 317/52, 213/82, 213/61, 213/50, 213/65, A01N 37/26, 43/10, 43/32, 43/38, 43/40, 43/56, 43/30, A61K 31/166, 31/192, 31/255, 31/381, 31/47, 31/357  
(11) WO 03/027059 (13) A1  
(21) PCT/JP02/09560  
(22) 18 Sep/sep 2002 (18.09.2002)  
(25) ja (26) ja  
(30) 2001-283969 18 Sep/sep 2001 JP (18.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ACID AMIDE DERIVATIVES, PROCESS FOR PRODUCING THESE, AND PEST CONTROL AGENT CONTAINING THESE  
• DERIVES D'AMIDES ACIDES, PROCEDES DE PRODUCTION ET AGENT ANTIPARASITAIRE CONTENANT CES DERIVES
- (71) **ISHIHARA SANGYO KAISHA, LTD.** [JP/JP]; 3-15, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAKAMURA, Yuji** [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). **MORITA, Masayuki** [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). **YONEDA, Tetsuo** [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). **IZAKURA, Kenji** [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07C 233/56, 237/22, 257/14, C07D 233/12, C07H 17/02, A61K 31/165, 31/7056, A61P 1/12, A61K 13/00

(11) WO 03/027060 (13) A1

(21) PCT/JP02/09424

(22) 13 Sep/sep 2002 (13.09.2002)

(25) ja (26) ja

(30) 2001-287712 20 Sep/sep 2001 JP (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DIPHENYLBUTANE AMIDE DERIVATIVES  
• DERIVES AMIDE DE DIPHENYLBUTANE

(71) KYORIN PHARMACEUTICAL CO., LTD. [JP/JP]; 5, Kanda Surugadai 2-chome, Chiyoda-ku, Tokyo 101-0062 (JP).  
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(72, 75) ARAYA, Ichiro [JP/JP]; 2-24-11, Motobuto, Saitama-shi, Saitama 336-0004 (JP).  
TSUBUKI, Takeshi [JP/JP]; 1-18-11, Higashimameda, Oyama-shi, Tochigi 329-0206 (JP).  
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SAITO, Tatsuhiro [JP/JP]; 6087-2, Tomonuma, Nogi-machi, Shimotsuga-gun, Tochigi 329-0101 (JP).  
MIYACHI, Hiroyuki [JP/JP]; 1676-41, Ooaza Kuge, Kazo-shi, Saitama 347-0063 (JP).

(74) MINOURA, Kiyoshi; Kudan Bldg. 7F, 2-2, Kudankita 3-chome, Chiyoda-ku, Tokyo 102-0073 (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 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07C 251/00

(11) WO 03/027061 (13) A2

(21) PCT/US02/25969

(22) 9 Sep/sep 2002 (09.09.2002)

(25) en (26) en

(30) 60/324,141 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MUSCARINIC AGONISTS  
• AGONISTES MUSCARINIQUES

(71) ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) ALLEN, Jennifer, Rebecca [US/US]; 5886 North Delaware, Indianapolis, IN 46220 (US).  
HITCHCOCK, Stephen, Andrew [US/US]; 1484 Stormy Ridge Court, Carmel, IN 46032 (US).  
LIU, Bin [CN/US]; 12254 Limestone Drive, Fishers, IN 46038 (US).  
TURNER, William, Wilson, Jr. [US/US]; 4000 Saratoga Drive, Bloomington, IN 47408 (US).  
JAMISON, James, Andrew [US/US]; 7009 Ringtail Court, Indianapolis, IN 46254 (US).

(74) LEE, Kirby, W. et al. / etc.; Eli Lilly and Company, P. O. Box 6288, Indianapolis, IN 46206-6288 (US).

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

(51)<sup>7</sup> C07C 273/10, 1/04, C10G 2/00

(11) WO 03/027062 (13) A1

(21) PCT/US01/30017

(22) 25 Sep/sep 2001 (25.09.2001)

(25) en (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • INTEGRATED UREA MANUFACTURING PLANTS AND PROCESSES  
• INSTALLATIONS INTEGRES DE FABRICATION D'UREE ET PROCESSES RELATIFS

(71) RENTECH, INC. [US/US]; 12401 East 37th Avenue, Denver, CO 80239 (US).  
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(72, 75) BOHN, Mark, S. [US/US]; 1614 Tamarac Drive, Golden, CO 80401 (US).  
BENHAM, Charles, B. [US/US]; 7234 S. Jellison Court, Littleton, CO 80123 (US).  
SHEPPARD, Richard, O. [US/US]; 1374 Kerr Culch Road, Evergreen, CO 80439 (US).  
YAKOBSON, Dennis, L. [US/US]; 12544 W. 87th Avenue, Arvada, CO 80005 (US).

(74) MARTIN, Rick et al. / etc.; Patent Law Offices of Rick Martin, PC, 416 Coffman Street, Longmont, CO 80501 (US).

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

(51)<sup>7</sup> C07C 303/08, 309/44, 309/42

(11) WO 03/027063 (13) A1

(21) PCT/GB02/04218

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 0122903.8 22 Sep/sep 2001 GB (22.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SULPHONATION OF PHENOLS  
• SULFONATION DE PHENOLS

(71) GREAT LAKES CHEMICAL (EUROPE) GmbH [CH/CH]; Bahnhofplatz 65, 8500 Frauenfeld (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) HILL, Jonathan, Simon [GB/GB]; 45 Overdale Crescent, Flixton, Manchester M41 5GR (GB).  
CAPAI, Bernard [FR/FR]; 28, rue de la Gare, F-95270 Viarmes (FR).  
NERI, Carlo [IT/IT]; Via Europa, 32, I-20097 San Donato Milanese (IT).

(74) MCPHERSON, Alexander; 15 Valley Road, Weaverham, Northwich, Cheshire CW8 3PP (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C07C 335/18
- (11) WO 03/027064 (13) A1
- (21) PCT/KR02/01746
- (22) 18 Sep/sep 2002 (18.09.2002)
- (25) en (26) en
- (30) 2001/60028 27 Sep/sep 2001 KR (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SIMPLIFIED RESINIFERATOXIN ANALOGUES AS VANILLOID RECEPTOR AGONIST SHOWING EXCELLENT ANALGESIC ACTIVITY AND THE PHARMACEUTICAL COMPOSITIONS CONTAINING THE SAME
- ANALOGUES SIMPLIFIES DE RESINIFERATOXINE UTILISES EN TANT QU'AGONISTES DES RECEPTEURS VANILLOIDE PRESENTANT UNE EXCELLENTE ACTIVITE ANALGESIQUE, ET COMPOSITIONS PHARMACEUTIQUES CONTENANT CES ANALOGUES
- (71) DIGITAL BIOTECH CO. LTD., [KR/KR]; 1227 Shingil-dong, 425-839 Ansan (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) LEE, Jee-Woo [KR/KR]; 27-901, Misung apt, 408, Apgujung1-dong, Gangnam-gu, 135-785 Seoul (KR).
- (74) SHIN, Dong-In; Rm 304, DukAm B/D., 1457-2, Seocho3-dong, Seocho-gu, 137-867 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07C 401/00, A61K 31/59, A61P 3/02, 3/14
- (11) WO 03/027065 (13) A1
- (21) PCT/EP02/10233
- (22) 12 Sep/sep 2002 (12.09.2002)
- (25) en (26) en
- (30) 60/323,957 21 Sep/sep 2001 US (21.09.2001)
- (30) 60/323,870 21 Sep/sep 2001 US (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • 3-DESOXY-VITAMIN D3 ANALOG ESTERS
- ESTERS ANALOGUES DE 3-DESOXY-VITAMINE D3
- (71) F. HOFFMANN-LA ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basle (CH).
- (72) USKOKOVIC, Milan, Radoje; 253 Highland Avenue, Upper Montclair, NJ 07043 (US).
- (74) WASCHBUESCH, Klaus; Grenzacherstrasse 124, CH-4070 Basle (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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D
- (11) WO 03/027066 (13) A2
- (21) PCT/US02/29783
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) en (26) en
- (30) 09/962,742 25 Sep/sep 2001 US (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHODS OF MAKING PORPHYRINS AND RELATED COMPOUNDS WITH LEWIS ACID
- TECHNIQUES DE FABRICATION DE PORPHYRINES ET DE COMPOSES LIES AVEC DE L'ACIDE DE LEWIS
- (71) NORTH CAROLINA STATE UNIVERSITY [US/US]; 2401 Research Drive, Campus Box 8210, Raleigh, NC 27695-8210 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINDSEY, Jonathan, S. [US/US]; 3931 Napa Valley Drive, Raleigh, NC 27612 (US).  
GEIER, G., Richard, III [US/US]; 18 University Avenue, Hamilton, NY 13346 (US).  
YU, Lianhe [CN/US]; 1807A Gorman Street, Raleigh, NC 27606 (US).
- (74) MYERS, BIGEL, SIBLEY & SAJOVEC; PO BOX 37428, Raleigh, NC 27627 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C07D 207/00
- (11) WO 03/027068 (13) A2
- (21) PCT/US02/30231
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/324,407 24 Sep/sep 2001 US (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SUBSTITUTED AMINES FOR THE TREATMENT OF ALZHEIMER'S DISEASE
- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D
- (11) WO 03/027067 (13) A2
- (21) PCT/US02/29879
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) en (26) en
- (30) 60/325,130 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PROCESS FOR MAKING CARBAPENEM COMPOUNDS
- PROCESSUS DE FABRICATION DE COMPOSES CARBAPENEME
- (71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
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- (72, 75) CVETOVICH, Raymond [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). WENSLOW, Robert [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). WILLIAMS, John, M. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). SIDLER, Daniel [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). CROCKER, Louis [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). TUNG, Hsien-Hsin [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). JOHNSON, Brian, K. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). KUKURA, Joseph, II [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). DOLLING, Ulf [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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C07D 207/00
- (11) WO 03/027068 (13) A2
- (21) PCT/US02/30231
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/324,407 24 Sep/sep 2001 US (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SUBSTITUTED AMINES FOR THE TREATMENT OF ALZHEIMER'S DISEASE

- AMINES SUBSTITUEES POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER

(71) ELAN PHARMACEUTICALS, INC. [US/US]; 800 Gateway Boulevard, South San Francisco, Ca 94080 (US).

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(72, 75) GAILUNAS, Andrea [US/US]; 1105 Baywater Avenue, Apartment #1, Burlingame, CA 94010 (US). TUCKER, John, Alan [US/US]; 37 CreekrIDGE Court, San Mateo, CA 94402 (US). JOHN, Varghese [US/US]; 1722 18th Avenue, San Francisco, CA 94122 (US).

(74) SARUSSI, Steven, J.; McDonnell Boehnen Hulbert & Berghoff, Suite 3200, 300 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 207/34, 401/06, 401/12, A61K 31/402, 31/4025, A61P 3/04, 25/00

(11) WO 03/027069 (13) A1

(21) PCT/US02/30543

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,441 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PREPARATION AND USE OF PYRROLE DERIVATIVES FOR TREATING OBESITY

- PREPARATION ET UTILISATION DE DERIVES DU PYRROLE TRAITANT L'OBESITE

(71) BAYER PHARMACEUTICALS CORPORATION [US/US]; 400 Morgan Lane, West Haven, CT 06516 (US).

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

(72, 75) SMITH, Roger, A. [US/US]; 65 Winterhill Road, Madison, CT 06443 (US). KLUENDER, Harold, C. E. [US/US]; 27 Academy Road, Trumbull, CT 06611 (US). SU, Ning [CN/US]; 121 October Hill Road, Hamden, CT 06518 (US). LAVOIE, Rico, C. [CA/US]; 84 Hubbard Place, Hamden, CT 06517 (US). FAN, Jianmei [CN/US]; 121 October Hill Road, Hamden, CT 06518 (US).

(74) GREENMAN, Jeffrey, M. et al. / etc.; Bayer Pharmaceuticals Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*

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

(51)<sup>7</sup> C07D 209/48

(11) WO 03/027070 (13) A1

(21) PCT/FR02/03273

(22) 26 Sep/sep 2002 (26.09.2002)

(25) fr (26) fr

(30) 01/12420 27 Sep/sep 2001 FR (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR PREPARING N-(SG(V)-BROMOALKYL)PHTHALIMIDES

- PROCEDE DE PREPARATION DE N-(OMEGA-BROMOALKYL)PHTHALIMIDES

(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) GILLET, Jean-Philippe [FR/FR]; 39, rue du Gare, F-69530 Brignais (FR). RUPPIN, Christophe [FR/FR]; 196 rue Hector Berlioz, F-73250 Saint-Pierre d'Albigny (FR).

(74) POISSON, Pierre; Atofina, DRDC/DPI, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT 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)<sup>7</sup> C07D 209/48

(11) WO 03/027071 (13) A1

(21) PCT/FR02/03274

(22) 26 Sep/sep 2002 (26.09.2002)

(25) fr (26) fr

(30) 01/12421 27 Sep/sep 2001 FR (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR PREPARING N-(SG(V)-BROMOALKYL)PHTHALIMIDES

- PROCEDE DE PREPARATION DE N-(OMEGA-BROMOALKYL)PHTHALIMIDES

(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) GILLET, Jean-Philippe [FR/FR]; 39, rue du Gare, F-69530 Brignais (FR). RUPPIN, Christophe [FR/FR]; 196, rue Hector Berlioz, F-73250 Saint-Pierre d'Albigny (FR).

(74) POISSON, Pierre; Atofina, DRDC/DPI, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT 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)<sup>7</sup> C07D 211/32, A61K 31/445, A61P 3/10

(11) WO 03/027072 (13) A1

(21) PCT/IB02/03943

- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 983/DEL/2001 25 Sep/sep 2001 IN  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PROCESS FOR THE PREPARATION OF REPAGLINIDE  
• PROCESSUS DE PREPARATION DE REPAGLINIDE
- (71) RANBAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, 110 019 New Delhi, New Delhi (IN).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) RAY, Purna, Chandra [IN/IN]; 8076, Sector - D, Pocket - 8, Vasant Kunj, 110 070 New Delhi, Delhi (IN). BABU, Jayachandra, Suresh [IN/IN]; C-237, Phase - I, Sushant Lok, 122001 Gurgaon, Haryana (IN). SALMAN, Mohammad [IN/IN]; P-2/19, Phase - II, DLF Qutab Enclave, 122 001 Gurgaon, Haryana (IN). KUMAR, Naresh [IN/IN]; House No. 1071, Sector 36C, 160036 Chandigarh, Chandigarh (IN).
- (74) RANBAXY LABORATORIES LIMITED; c/o Deshmukh, Jayadeep R., 600 College Road East, Suite 2100, Princeton, NJ 08540 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> C07D 215/14
- (11) WO 03/027073 (13) A1
- (21) PCT/JP02/09638
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) ja (26) ja
- (30) 2001/284633 19 Sep/sep 2001 JP  
(19.09.2001)
- (30) 2001/284634 19 Sep/sep 2001 JP  
(19.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PROCESS FOR PRODUCING OPTICALLY ACTIVE 7-{2-CYCLOPROPYL-4-(4-FLUOROPHENYL)QUINOLIN-3-YL}-3,5-DIHYDROXYHEPT-6-ENOIC ACID ESTER  
• PROCEDE DE PRODUCTION D'ESTER OPTIQUEMENT ACTIF D'ACIDE 7-{2-CYCLOPROPYL-4-(4-FLUOROPHENYL)QUINOLIN-3-YL}-3,5-DIHYDROXYHEPT-6-ENOIQUE
- (71) UBE INDUSTRIES, LTD. [JP/JP]; 1978-96, O-Aza Kogushi, Ube-shi, Yamaguchi 755-8633 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) NISHINO, Shigeyoshi [JP/JP]; c/o Ube Laboratories, Ube Industries, Ltd., 1978-5, O-Aza Kogushi, Ube-shi, Yamaguchi 755-8633 (JP). MATSUSHITA, Akio [JP/JP]; c/o Ube Laboratories, Ube Industries, Ltd., 1978-5, O-Aza Kogushi, Ube-shi, Yamaguchi 755-8633 (JP). YOKOYAMA, Shuji [JP/JP]; c/o Ube Laboratories, Ube Industries, Ltd., 1978-5, O-Aza Kogushi, Ube-shi, Yamaguchi 755-8633 (JP). KAWACHI, Yasuhiro [JP/JP]; c/o Ube Laboratories, Ube Industries, Ltd., 1978-5, O-Aza Kogushi, Ube-shi, Yamaguchi 755-8633 (JP). SASAKI, Hiroshi [JP/JP]; c/o Ube Laboratories, Ube Industries, Ltd., 1978-5, O-Aza Kogushi, Ube-shi, Yamaguchi 755-8633 (JP).
- (74) YANAGAWA, Yasuo; Mitsuya-Yotsuya Building 8th Floor, 2-14, 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 231/20, 413/12, 409/12, 401/12, 401/04, 405/04, 413/04, 405/12, 403/12, A61K 31/415, 31/4155
- (11) WO 03/027074 (13) A1
- (21) PCT/US02/29958
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) en (26) en
- (30) 60/324,573 25 Sep/sep 2001 US  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PYRAZOLE DERIVATIVES USEFUL IN THE TREATMENT OF HYPER-PROLIFERATIVE DISORDERS  
• DERIVES DE PYRAZOLE UTILES DANS LE TRAITEMENT DES MALADIES HYPERPROLIFERATIVES
- (71) BAYER CORPORATION [US/US]; 100 Bayer Road, Pittsburgh, PA 15205 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KHIRE, Uday [IN/US]; 101 Tanglewood Drive, Hamden, CT 06518 (US). ZHANG, Chengzhi [CA/US]; 193 Mulberry Lane, Orange, CT 06477 (US). KLUENDER, Harold, C., E. [US/US]; 27 Academy Road, Trumbull, CT 06611 (US). MUGGE, Ingo [DE/US]; 88 Vista Terrace, New Haven, CT 06515 (US). HONG, Zhenqiu [CN/US]; 11A Robert Treat Drive, Milford, CT 06460 (US). SHAO, Jianxing [CA/US]; 80 Ridgecrest Drive, Cheshire, CT 06410 (US). BIFULCO, Neil [US/US]; 5009 Linden Oaks Ave., Durham, NC 27713 (US). TRAIL, Pamela, A. [US/US]; 26 Silo Hill Road, Madison, CT 06443 (US). DUMAS, Jacques [FR/US]; 98 Farmview Road, Bethany, CT 06524 (US). LAVOIE, Rico, C. [CA/US]; 84 Hubbard Place, Hamden, CT 06517 (US). LIU, Xiao-Gao [US/US]; 576 Central Avenue, Apt. 1A, New Haven, CT 06515 (US).
- AGARWAL, Veena [US/US]; 13 Sandpiper Crescent, Milford, CT 06460 (US). VERMA, Sharad, K. [US/US]; 29 Harbour Close, New Haven, CT 06519 (US). WANG, Lei [CN/US]; 129 York Street, Apt. #8A, New Haven, CT 06511 (US).
- (74) GREENMAN, Jeffrey, M. et al. / etc.; Bayer Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations
- (u) for / pour US only / seulement
- 
- (51)<sup>7</sup> C07D 231/56, A61K 31/415, A61P 29/00, 43/00
- (11) WO 03/027075 (13) A2
- (21) PCT/US02/29673
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) en (26) en
- (30) 60/323,230 19 Sep/sep 2001 US  
(19.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SUBSTITUTED PYRAZOLYL BENZENESULFAMIDE COMPOUNDS FOR THE TREATMENT OF INFLAMMATION  
• COMPOSES SUBSTITUES DE SULFAMIDE BENZENE DE PYRAZOLYL DESTINES AU TRAITEMENT DES INFLAMMATIONS
- (71) PHARMACIA CORPORATION [US/US]; Corporate Patent Department, 800 North Lindberg Blvd., Mail Zone O4E, St. Louis, MI 63167 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GENG, Lifeng [CN/US]; 5300 Davis Street, Skokie, IL 60077 (US). CLARE, Michael [US/US]; 5154 W. Brown Street, Skokie, IL 60077 (US). HANSON, Gunnar, J. [US/US]; 7410 Keystone Avenue, Skokie, IL 60077 (US). HUANG, He [CN/US]; 1121 Whitfield Road, Northbrook, IL 60062 (US). IULA, Donna, M. [US/US]; 773 Independence Drive, Apartment 5, Palatine,

- IL 60074 (US). LIAO, Shuyuan [US/US]; 136 Walters Avenue, Northbrook, IL 60062 (US). STEALEY, Michael, A. [US/US]; 502 Juniper Parkway, Libertyville, IL 60048 (US). METZ, Suzanne [US/US]; 525 Westermill Drive, Chesterfield, MO 63017 (US). VAZQUEZ, Michael, L. [US/US]; 614 Castle Meadows Court, Ballwin, MO 63021 (US). WEIER, Richard, M. [US/US]; 240 Hickory Court, Lake Bluff, IL 60044 (US).
- (74) BAUER, S., Christopher et al. / etc.; Pharmacia Corporation, Corporate Patent Department, 800 North Lindbergh Blvd., Mail Zone O4E, St. Louis, MO 63167 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 237/14, A61K 31/50, 31/501, A61P 37/02, 29/00, 9/00, 19/10, 31/04, 29/00, 19/02, 1/04, 43/00
- (11) WO 03/027077 (13) A1
- (21) PCT/JP02/09863
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) ja (26) ja
- (30) 60/324,569 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • WATER-SOLUBLE PHENYLPYRIDAZINE DERIVATIVES AND DRUGS CONTAINING THE SAME
- DERIVES DE PHENYLPYRIDAZINE SOLUBLES DANS L'EAU ET MEDICAMENTS CONTENANT CEUX-CI
- (71) KOWA CO., LTD. [JP/JP]; 6-29, NISHIKI 3-CHOME, NAKA-KU, NAGOYA-SHI, Aichi 460-8625 (JP).
- (72) KYOTANI, Yoshinori; 1293-10-2-112, TATENO 3-CHOME, HIGASHIYAMATO-SHI, Tokyo 207-0021 (JP). KOSHI, Tomoyuki; 4-4-206, TATE 2-CHOME, SHIKI-SHI, Saitama 353-0006 (JP). SHI-GYO, Hiromichi; 18-18, YOTSUYA 6-CHOME, FUCHU-SHI, Tokyo 183-0035 (JP). YOSHIZAKI, Hideo; 459-16, KITAIRISO, SAYAMA-SHI, Saitama 350-1315 (JP). KITAMURA, Takahiro; 25-7, AKITSUCHO 1-CHOME, HIGASHIMURAYAMA-SHI, Tokyo 189-0001 (JP). TAKEMURA, Shunji; 31-18, OWADACHO 5-CHOME, HACHIOJI-SHI, Tokyo 192-0045 (JP). YASUOKA, Kyoko; 19-3-305, SHINBORI 3-CHOME, HIGASHIYAMATO-SHI, Tokyo 207-0012 (JP). TOTSUKA, Junko; 459-16, SAKAECHO, ASAKA-SHI, Saitama 351-0012 (JP). SATO, Seiichi; 4-1-202, KAMIOGI 4-CHOME, SUGINAMI-KU, Tokyo 167-0043 (JP).
- (74) THE PATENT CORPORATE BODY ARUGA PATENT OFFICE; KYODO BLDG., 3-6, NIHONBASHININGYOCHO 1-CHOME, CHUO-KU, Tokyo 103-0013 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 233/90
- (11) WO 03/027076 (13) A2
- (21) PCT/EP02/10434
- (22) 17 Sep/sep 2002 (17.09.2002)
- (25) en (26) en
- (30) 01203851.9 21 Sep/sep 2001 EP (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • IH-IMIDAZOLE DERIVATIVES HAVING CB<sub>1</sub> AGONISTIC, CB<sub>1</sub> PARTIAL AGONISTIC OR CB<sub>1</sub>-ANTAGONISTIC ACTIVITY
- DERIVES DE IH-IMIDAZOLE AYANT UNE ACTIVITE ANTAGONISTE DE CB<sub>1</sub>
- (71) SOLVAY PHARMACEUTICALS B.V. [NL/NL]; C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KRUSE, Cornelis, G. [NL/NL]; Solvay Pharmaceuticals B.V., c/o C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL). LANGE, Josephus, H.M. [NL/NL]; Solvay Pharmaceuticals B.V., c/o C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL). HERREMANS, Arnoldus, H.J. [NL/NL]; Solvay Pharmaceuticals B.V., c/o C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL). VAN STUIVENBERG, Herman, H. [NL/NL]; Solvay Pharmaceuticals B.V., c/o C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL).
- (74) MUIS, Maarten; OCTROOIBUREAU ZOAN B.V., P.O. Box 140, NL-1380 AC Weesp (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
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- (51)<sup>7</sup> C07D 237/22, 401/12, 403/12, A61K 31/50, A61P 25/22, 25/28
- (11) WO 03/027078 (13) A1
- (21) PCT/HU02/00097
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) P 0103912 27 Sep/sep 2001 HU (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SUBSTITUTED ALKYLAMINOPYRIDAZINONE DERIVATIVES, PROCESS FOR THE PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITION CONTAINING THE SAME
- DERIVES D'ALKYLAMINOPYRIDAZINONE SUBSTITUES, LEUR PROCEDE DE PREPARATION ET COMPOSITION PHARMACEUTIQUE LES CONTENANT
- (71) EGIS GYÓGYSZERGYÁR RT. [HU/HU]; Keresztúri út 30-38, H-1106 Budapest (HU). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARKÓCZY, József [HU/HU]; Szirom u. 4-6/B, H-1016 Budapest (HU). SIMIG, Gyula [HU/HU]; Hollósy S. u. 25, H-1126 Budapest (HU). KÓTAY NAGY, Péter [HU/HU]; Nagymező u. 73, H-2600 Vác (HU). LÉVAY, György [HU/HU]; Gábor Áron u. 10, H-2092 Budakeszi (HU). GACSÁLYI, István [HU/HU]; Baross u. 67, H-1201 Budapest (HU). MARTONNÉ MARKÓ, Bernadett [HU/HU]; Pásztorfalva u. 14, H-1171 Budapest (HU). SCHMIDT, Éva [HU/HU]; Széher u. 51/B, H-1021 Budapest (HU). EGYED, András [HU/HU]; Újvidék u. 58, H-1145 Budapest (HU). KOMPAGNE, Hajnalka [HU/HU]; Kőérberki u. 5/b, H-1221 Budapest (HU). LEVELEKI, Csilla [HU/HU]; Tárkony u.47., H-1029 Budapest (HU). MIKLÓSNÉ KOVÁCS, Anikó [HU/HU]; Vágújhely u. 10, H-1141 Budapest (HU). SZÉNÁSI, Gábor [HU/HU]; Vízimolnár u. 9, H-1031 Budapest (HU). WELLMANN, János [HU/HU]; Toroczko u. 12, H-1026 Budapest (HU). HÁRSING, László Gábor [HU/HU]; Dembinszky u. 8, H-1071 Budapest (HU).
- (74) ADVOPATENT; Office of Patent and Trademark Attorneys, P.O. Box 11, H-1251 Budapest (HU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> C07D 239/04, C08G 61/08
- (11) WO 03/027079 (13) A1
- (21) PCT/JP02/09617
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) ja (26) ja
- (30) 2001-286219 20 Sep/sep 2001 JP (20.09.2001)
- (30) 2001-286223 20 Sep/sep 2001 JP (20.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)

- (54) • RUTHENIUM COMPLEXES, PROCESS FOR PREPARATION THEREOF, AND PROCESSES FOR PRODUCING OPEN-RING POLYMERS OF CYCLOOLEFINS AND HYDROGENATION PRODUCTS THEREOF BY USING THE COMPLEXES AS CATALYST
- COMPLEXES DE RUTHENIUM, LEUR PROCÉDE DE PRÉPARATION, ET PROCÉDES DE PRODUCTION DE POLYMERES A ANNEAU OUVERT DE CYCLOOLEFINES ET DE PRODUITS D'HYDROGENATION ASSOCIES, AU MOYEN DESDITS COMPLEXES EN TANT QUE CATALYSEURS
- (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) SAKAMOTO, Masato [JP/JP]; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8323 (JP). OKADA, Seiji [JP/JP]; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8323 (JP). TSUNOGAE, Yasuo [JP/JP]; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8323 (JP). IKEDA, Shintaro [JP/JP]; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8323 (JP). HERRMANN, Wolfgang, A [DE/DE]; Alexander von Humboldt Weg 11, 85334 Freising (DE). OEFELE, Karl [DE/DE]; Laurenzer Weg 26, 82178 Puchheim (DE).
- (74) OHISHI, Haruhito; 6F, Tousen-kandatsukasacho Bldg., 17, Kandatsukasa-cho 2-chome, Chiyoda-ku, Tokyo 101-0048 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> C07D 239/46, 239/56, 239/34, 413/14, 401/14, A61K 31/505, A61P 25/28
- (11) WO 03/027080 (13) A1
- (21) PCT/JP02/09684
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) en (26) en
- (30) 2001-331674 21 Sep/sep 2001 JP (21.09.2001)
- (30) 2001-331675 21 Sep/sep 2001 JP (21.09.2001)
- (30) 2001-331676 21 Sep/sep 2001 JP (21.09.2001)
- (30) 2001-331678 21 Sep/sep 2001 JP (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • 3-SUBSTITUTED-4-PYRIMIDONE DERIVATIVES
- DERIVES DE 3-SUBSTITUTE-4-PYRIMIDONE
- (71) MITSUBISHI PHARMA CORPORATION [JP/JP]; 6-9, Hiranomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP). SANOFI-SYNTHELABO [FR/FR]; 174 AVENUE DE FRANCE, F-75013 PARIS (FR).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) UEHARA, Fumiaki [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, TOKYO HEAD OFFICE, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). ARITOMO, Keiichi [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, TOKYO HEAD OFFICE, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). SHODA, Aya [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, TOKYO HEAD OFFICE, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). HIKI, Shinsuke [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, TOKYO HEAD OFFICE, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). OKUYAMA, Masahiro [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, TOKYO HEAD OFFICE, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). USUI, Yoshihiro [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, TOKYO HEAD OFFICE, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). WATANABE, Kazutoshi [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, TOKYO HEAD OFFICE, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP).
- (74) SIKS & CO.; 8th Floor, Kyobashi-Nisshoku Bldg., 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C07D 249/00
- (11) WO 03/027081 (13) A2
- (21) PCT/DK02/00595
- (22) 13 Sep/sep 2002 (13.09.2002)
- (25) en (26) en
- (30) PA 2001 01337 14 Sep/sep 2001 DK (14.09.2001)
- (30) 60/323,925 21 Sep/sep 2001 US (21.09.2001)
- (30) PA 2002 01066 5 Jul/juil 2002 DK (05.07.2002)
- (30) 60/396,051 10 Jul/juil 2002 US (10.07.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • NOVEL LIGANDS FOR THE HisB10 Zn<sup>2+</sup> SITES OF THE R-STATE INSULIN HEXAMER
- NOUVEAUX LIGANDS POUR LES SITES HISB10 Zn<sup>2+</sup> D'HEXAMERES D'INSULINE EN R
- (71) NOVO NORDISK A/S [DK/DK]; Novo Allé, DK-2880 Bagsværd (DK).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OLSEN, Helle, Birk [DK/DK]; Skoleloddan 23, DK-3450 Allerød (DK). KAARSHOLM, Niels, C. [DK/DK]; Clausholmvej 38, DK-2720 Vanløse (DK). MADSEN, Peter [DK/DK]; Ulvejbjerg 7, DK-2880 Bagsværd (DK). ØSTERGAARD, Søren [DK/DK]; Borrebyvej 21, DK-Bronshøj 2700 (DK). LUDVIGSEN, Svend [DK/DK]; Baunedalen 13, DK-3450 Lyngby (DK). JAKOBSEN, Palle [DK/DK]; Langkær Vænge 14, DK-3500 Værløse (DK). PETERSEN, Anders, Klarskov [DK/DK]; Nærum Hovedgade 64G, DK-2850 Nærum (DK). STEENSGAARD, Dorte, Bjerre [DK/DK]; Stockholmsgade 3, st. tv., DK-København Ø 2100 (DK).
- (74) NOVO NORDISK A/S; Corporate Patents, Novo Allé, DK-2880 Bagsværd (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 GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C07D 257/04, 403/12
- (11) WO 03/027082 (13) A1
- (21) PCT/US02/29642
- (22) 18 Sep/sep 2002 (18.09.2002)
- (25) en (26) en
- (30) 09/957,938 21 Sep/sep 2001 US (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PREPARATION OF BIS-(1(2)H-TETRAZOL-5-YL)-AMINE MONOHYDRATE
- PRÉPARATION DE BIS-(1(2)H-TETRAZOL-5-YL)-AMINE MONOHYDRATE
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; Los Alamos National Laboratory, LC/IP, MS A187, Los Alamos, NM 87545 (US).
- (72) NAUD, Darren, L.; 3000 Trinity #16, Los Alamos, NM 87544 (US). HISKEY, Michael, A.; 940 San Ildefonso #317, Los Alamos, NM 87544 (US).
- (74) COTTRELL, Bruce, H.; Los Alamos National Laboratory, LC/IP, MS A187, Los Alamos, NM 87545 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 263/24

(11) WO 03/027083 (13) A1

(21) PCT/US02/11921

(22) 17 Apr/avr 2002 (17.04.2002)

(25) en (26) en

(30) 60/283,956 17 Apr/avr 2001 US  
(17.04.2001)

(30) Not furnished / 14 Mar/mar 2002 US  
non communiqué (14.03.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BICYCLO[3,1,0]HEXANE CONTAIN-  
ING OXAZOLIDINONE ANTIBIOTIC  
AND DERIVATIVES THEREOF

• ANTIBIOTIQUES OXAZOLIDINONE  
CONTENANT DU BICYCLO[3,1,0]  
HEXANE ET DERIVES DE CES DER-  
NIERS

(71) MERCK & CO., INC. [US/US]; P.O. Box  
2000, Rahway, NJ 07065 (US). KYORIN  
PHARMACEUTICAL CO., LTD. [JP/JP];  
5, Kanda Surugadai 2-chome, Chiyoda-ku,  
Tokyo (JP).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) FUKUDA, Yasumichi [JP/JP]; 88-2,  
Utakusigaoka 3-chome, Oyama, Toahigi  
329-0205 (JP). HAMMOND, Milton, L.  
[US/US]; 50 Stony Brook Road, Somerville,  
NJ 08876 (US).

(74) PRICE, Robert, L. et al. / etc.; McDermott,  
Will & Emery, 600 13th Street, N.W., Wash-  
ington, DC 20005-3096 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR 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 NO NZ OM PH PL PT RO RU  
SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07D 265/38, A61K 31/535, A61P 3/10

(11) WO 03/027084 (13) A1

(21) PCT/IB02/03947

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 796/MAS/2001 25 Sep/sep 2001 IN  
(25.09.2001)

(30) 797/MAS/2001 25 Sep/sep 2001 IN  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IMPROVED PROCESS FOR THE  
PREPARATION OF OPTICALLY AC-  
TIVE PHENOXAZINE DERIVATIVES  
AS ANTIDIABETIC AGENTS

• PERFECTIONNEMENT D'UN PRO-  
CEDE D'ELABORATION DE DERIVES  
PHENOXAZINE OPTIQUEMENT AC-  
TIFS UTILISABLES COMME AGENTS  
ANTIDIABETIQUES

(71) DR. REDDY'S LABORATORIES LTD.  
[IN/IN]; Ameerpet, 7-1-27, 500016 Hyder-  
abad (IN).

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

(72, 75) POTLAPALLY, Rajender, Kumar  
[IN/IN]; Ameerpet, 7-1-27, 500016 Hyder-  
abad (IN). SIRIPRAGADA, Mahender,  
Rao [IN/IN]; Ameerpet, 7-1-27, 500016  
Hyderabad (IN). MAMILLAPALLI, Ram-  
abhadra, Sarma [IN/IN]; Ameerpet, 7-1-27,  
500016 Hyderabad (IN). GADDAM, Om,  
Reddy [IN/IN]; Ameerpet, 7-1-27, 500016  
Hyderabad (IN). JANGAIGAR, Tirupati,  
Reddy [IN/IN]; Ameerpet, 7-1-27, 500016  
Hyderabad (IN). VELAGALA, Venkata,  
Rama, Murali, Krishna, Reddy [IN/IN];  
Ameerpet, 7-1-27, 500016 Hyderabad (IN).  
KOTRA, Narasimha, Murthy [IN/IN];  
Ameerpet, 7-1-27, 500016 Hyderabad (IN).

(74) DR. REDDY'S LABORATORIES LTD.;  
Ameerpet, 7-1-27, 500016 Hyderabad (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> C07D 277/00

(11) WO 03/027085 (13) A2

(21) PCT/US02/30483

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/324,993 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • 3-PYRIDYL OR 4-ISOQUINOLINYL  
THIAZOLES AS C17,20 LYASE IN-  
HIBITORS

• THIAZOLES 3-PYRIDYLE OU 4-ISO-  
QUINOLINYLE UTILISES COMME  
INHIBITEURS DE LYASE C17,20

(71) BAYER CORPORATION [US/US]; 100  
Bayer Road, Pittsburgh, PA 15205 (US).

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

(72, 75) BIERER, Donald [US/US]; 46 Hill-  
top Road, Bethany, CT 06524 (US). MC-  
CLURE, Andrea [CA/US]; 156 Milton  
Avenue, West Haven, CT 06516 (US). FU,  
Wenlang [CN/US]; 12133 Town Walk Drive,

Hamden, CT 06518 (US). ACHEBE, Furahi  
[US/US]; 10 Woodland Street, West Haven,  
CT 06516 (US). LADOUCEUR, Gaetan,  
H. [CA/US]; 31 Stone Ridge Lane, Bran-  
ford, CT 06405 (US). BURKE, Michael, J.  
[CA/US]; 216 Bishop Street, Apt. 309, New  
Haven, CT 06511 (US). BI, Cheng [US/US];  
12 Big Spruce Lane, West Haven, CT 06516  
(US). HART, Barry [US/US]; 28 Fox Hill  
Road, Woodbridge, CT 06525 (US). DU-  
MAS, Jacques [FR/US]; 98 Farmview Road,  
Bethany, CT 06524 (US). SIBLEY, Robert  
[US/US]; 1187 Mount Carmel Avenue, North  
Haven, CT 06473 (US). SCOTT, William, J.  
[US/US]; 210 Saddle Hill Drive, Guilford, CT  
06437 (US). JOHNSON, Jeffrey [US/US];  
58 Gould Lane, Branford, CT 06405 (US).  
ASGARI, Davoud [IR/US]; 1208 Quail  
Ridge Drive, Plainsboro, NJ 08536 (US).

(74) GREENMAN, Jeffrey, M. et al. / etc.;  
Bayer Corporation, 400 Morgan Lane, West  
Haven, CT 06516 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE 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 SD SE SG  
SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> C07D 301/19, 303/04

(11) WO 03/027086 (13) A1

(21) PCT/JP02/08238

(22) 13 Aug/août 2002 (13.08.2002)

(25) ja (26) ja

(30) 2001-251278 22 Aug/août 2001 JP  
(22.08.2001)

(30) 2001-251279 22 Aug/août 2001 JP  
(22.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR PRODUCING PROPY-  
LENE OXIDE

• PROCEDE PERMETTANT DE PRO-  
DUIRE DE L'OXYDE DE PROPYLENE

(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) **GOTO, Shigeru** [JP/JP]; 1-9-421, Yushudainishi, Ichihara-shi, Chiba 299-0125 (JP). **SHINOHARA, Koji** [JP/JP]; 1-9-2406, Yushudainishi, Ichihara-shi, Chiba 299-0125 (JP). **KATAO, Masaaki** [JP/JP]; 3-5-21, Souja, Ichihara-shi, Chiba 290-0023 (JP).

(74) **KUBOYAMA, Takashi 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 BY BZ CA CH 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 301/19 // 303/04

(11) WO 03/027087 (13) A1

(21) PCT/JP02/09320

(22) 12 Sep/sep 2002 (12.09.2002)

(25) ja (26) ja

(30) 2001/288715 21 Sep/sep 2001 JP (21.09.2001)

(30) 2001/288716 21 Sep/sep 2001 JP (21.09.2001)

(30) 2001/288717 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROCESS FOR PREPARATION OF PROPYLENE OXIDE

• PROCEDE DE PREPARATION D'OXYDE DE PROPYLENE

(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) **TSUJI, Junpei** [JP/JP]; 1-9-125, Yushudainishi, Ichihara-shi, Chiba 299-0125 (JP). **ISHINO, Masaru** [JP/JP]; 2-18-9, Kuramidai, Sodegaura-shi, Chiba 299-0245 (JP).

(74) **KUBOYAMA, Takashi 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 BY BZ CA CH 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 301/32

(11) WO 03/027088 (13) A1

(21) PCT/US02/27215

(22) 26 Aug/août 2002 (26.08.2002)

(25) en (26) en

(30) 09/957,591 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROPYLENE OXIDE PURIFICATION

• PROCEDE DE PURIFICATION D'OXYDE DE PROPYLENE

(71) **ARCO CHEMICAL TECHNOLOGY, L.P.** [US/US]; Two Greenville Crossing, 4001 Kennett Pike, Suite 238, Greenville, DE 19807 (US).

(72) **SAWYER, Gary, A.**; 712 Centennial Avenue, Media, PA 19063 (US).

(74) **CARROLL, Kevin, M. et al.** / etc.; Lyondell Chemical Company, 3801 West Chester Pike, Newtown Square, PA 19073 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 307/79, A61K 31/343, A61P 17/00

(11) WO 03/027089 (13) A1

(21) PCT/US02/29758

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 09/967,130 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BENZOFURAN, INDOLE OR BENZOTHIOPHENE 2,4-PENTADIENOIC ACID DERIVATIVES HAVING SELECTIVE ACTIVITY FOR RETINOID X (RXR) RECEPTORS

• DERIVES D'ACIDE 2,4 PENTADIENOIQUE BENZOFURANE, INDOLE OU BENZOTHIOPHENE PRESENTANT UNE ACTIVITE SELECTIVE POUR RECEPTEURS X DE RETINOIDE (RXR)

(71) **ALLERGAN, INC.** [US/US]; 2525 Dupont Drive, Irvine, CA 92612 (US).

(72) **VULIGONDA, Vidyasagar**; 15 Sweet Rain, Irvine, CA 92714 (US). **CHANDRANATHAN, Roshantha, A.**; 25241 Buckskin, Laguna Hills, CA 92653 (US).

(74) **BARAN, Robert, J. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 307/80, A61K 31/34, C07D 491/04, A61K 31/44, C07D 333/60, A61K 31/38, C07D 263/56, A61K 31/42, C07D 417/04, 307/54, 333/24, 405/04, A61P 17/00

(11) WO 03/027090 (13) A2

(21) PCT/US02/29298

(22) 16 Sep/sep 2002 (16.09.2002)

(25) en (26) en

(30) 60/325,092 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SELECTIVE RXR LIGANDS

• LIGANDS SELECTIFS DU RECEPTEUR X RETINOIDE

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19101 (US).

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

(72, 75) **HAFFNER, Curt, Dale** [US/US]; GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US). **KALDOR, Istvan** [HU/US]; GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US). **MCDOUGALD, Darryl, Lynn** [US/US]; GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US). **MILLER, Aaron, Bayne** [US/US]; GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US).

(74) **LEVY, David, J. et al.** / etc.; GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 309/06, 405/12, 409/14, A61K 31/35, 31/40, 31/44

(11) WO 03/027091 (13) A1

(21) PCT/EP02/10608

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 60/323,825 21 Sep/sep 2001 US (21.09.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PYRANE DERIVATIVES AS BOTH ACE- AND NEP- INHIBITORS  
• DERIVES DU PYRANNE UTILISES COMME INHIBITEURS DE ACE ET NEP
- (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-1235 Vienna (AT).  
*(only for / seulement pour AT)*
- (72, 75) FINK, Cynthia, Anne [US/US]; 1 Kensington Court, Lebanon, NJ 08833 (US).
- (74) GROS, Florent; Novartis AG, Corporate Intellectual Property, Patent & Trademark Department, CH-4002 Basel (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 HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LT LU LV MA MD MK MN MX NO NZ OM PH PL PT RO RU SE SG SI SK TJ TM TN TR TT UA US UZ VC VN YU ZA ZW.
- (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 IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

- (51)<sup>7</sup> C07D 319/06
- (11) WO 03/027092 (13) A1
- (21) PCT/DE02/02798
- (22) 31 Jul/juil 2002 (31.07.2002)
- (25) de (26) de
- (30) 101 43 358.1 4 Sep/sep 2001 DE (04.09.2001)
- (30) 101 47 030.4 25 Sep/sep 2001 DE (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR THE SEPARATION OF DIASTEREOMERIC 1,3-DIOL ACETALS  
• PROCÉDÉ DE SÉPARATION DE 1,3-DIOL-ACÉTATES DIASTÉRÉOMÈRES
- (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) BODE, Silke [DE/DE]; Schwarz-Gold-Weg 8, 50127 Bergheim (DE). WOLBERG, Michael [DE/DE]; Römerstrasse 99b, 52428 Jülich (DE). MÜLLER, Michael [DE/DE]; Pfarrer-Engels-Strasse 9a, 52428 Jülich (DE).
- (74) FORSCHUNGSZENTRUM JÜLICH GMBH; Fachbereich Patente, 52425 Jülich (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> C07D 333/36, A61K 31/38

- (11) WO 03/027093 (13) A1
- (21) PCT/US02/29739

- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) en (26) en
- (30) 60/324,003 21 Sep/sep 2001 US (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CHEMICAL COMPOUNDS  
• COMPOSES CHIMIQUES
- (71) SMITHKLINE BEECHAM CORPORATION [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ADAMS, Jerry, Leroy [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). SILVA, Domingos [BR/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).
- (74) HENDERSON, Loretta, J.; UW2220, 709 Swedeland Road, King Of Prussia, PA 10406 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07D 401/04, 401/14, A61K 31/422, A61P 35/00, A61K 31/404, 31/416

- (11) WO 03/027094 (13) A2
- (21) PCT/US02/30482
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 60/324,993 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SUBSTITUTED 3-PYRIDYL INDOLES AND INDAZOLES AS C17,20 LYASE INHIBITORS  
• 3-PYRIDYL INDOLES ET INDAZOLES SUBSTITUES SERVANT D'INHIBITEURS DE C17,20 LYASE
- (71) BAYER CORPORATION [US/US]; 100 Bayer Road, Pittsburgh, PA 15205 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LADOUCEUR, Gaetan, H. [CA/US]; 31 Stone Ridge Lane, Branford, CT 06405 (US). BURKE, Michael, J. [CA/US]; 216 Bishop Street, Apt. 309, New Haven, CT 06511 (US). WONG, Wai, C. [US/US]; 314 Aspen Glen Drive, Hamden, CT 06518 (US). BIERER, Donald [US/US]; 46 Hilltop Road, Bethany, CT 06524 (US).
- (74) GREENMAN, Jeffrey, M. et al. / etc.; Bayer Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).

- (51)<sup>7</sup> C07D 401/04, A61K 31/4439, A61P 35/00, C07D 401/04 // (C07D 257/00, 213:00)
- (11) WO 03/027095 (13) A1
- (21) PCT/US02/30982
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 60/324,993 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SUBSTITUTED 3-PYRIDYL TETRAZOLES AS STEROID C17,20 LYASE INHIBITORS  
• 3-PYRIDYL TETRAZOLES SUBSTITUES EN TANT QU'INHIBITEURS DE LA LYASE C17,20 DE LA STEROIDE
- (71) BAYER CORPORATION [US/US]; 100 Bayer Road, Pittsburgh, PA 15205 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SCOTT, William, J. [US/US]; 210 Saddle Hill Drive, Guilford, CT 06437 (US). JOHNSON, Jeffrey [US/US]; 58 Gould Lane, Branford, CT 06405 (US). FU, Wenlang [CN/US]; 12133 Town Walk Drive, Hamden, CT 06518 (US). BIERER, Donald [US/US]; 46 Hilltop Road, Bethany, CT 06524 (US).
- (74) GREENMAN, Jeffrey, M. et al. / etc.; Bayer Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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

- (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 SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

- (51)<sup>7</sup> C07D 401/04, A61K 31/4439, A61P 35/00, C07D 401/04 // (C07D 257/00, 213:00)
- (11) WO 03/027095 (13) A1
- (21) PCT/US02/30982
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 60/324,993 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SUBSTITUTED 3-PYRIDYL TETRAZOLES AS STEROID C17,20 LYASE INHIBITORS  
• 3-PYRIDYL TETRAZOLES SUBSTITUES EN TANT QU'INHIBITEURS DE LA LYASE C17,20 DE LA STEROIDE
- (71) BAYER CORPORATION [US/US]; 100 Bayer Road, Pittsburgh, PA 15205 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SCOTT, William, J. [US/US]; 210 Saddle Hill Drive, Guilford, CT 06437 (US). JOHNSON, Jeffrey [US/US]; 58 Gould Lane, Branford, CT 06405 (US). FU, Wenlang [CN/US]; 12133 Town Walk Drive, Hamden, CT 06518 (US). BIERER, Donald [US/US]; 46 Hilltop Road, Bethany, CT 06524 (US).
- (74) GREENMAN, Jeffrey, M. et al. / etc.; Bayer Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL  
PT SE 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 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)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> C07D 401/04, 401/14, A61K 31/422, A61P 35/00 // (C07D 401/04, 233/00, 213/00) (C07D 401/14, 233/00, 213/00, 213/00)

(11) WO 03/027096 (13) A1

(21) PCT/US02/30983

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/324,993 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SUBSTITUTED 3-PYRIDYL IMIDAZOLES AS C17,20 LYASE INHIBITORS  
• 3-PYRIDYL IMIDAZOLES SUBSTITUES EN TANT QU'INHIBITEURS DE LA LYASE C17,20

(71) BAYER CORPORATION [US/US]; 100 Bayer Road, Pittsburgh, PA 15205 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HART, Barry [US/US]; 28 Fox Hill Road, Woodbridge, CT 06525 (US). SIBLEY, Robert [US/US]; 1187 Mount Carmel, North Haven, CT 06473 (US). DUMAS, Jacques [FR/US]; 98 Farmview Road, Bethany, CT 06524 (US). BIERER, Donald [US/US]; 46 Hilltop Road, Bethany, CT 06524 (US). ZHANG, Chengzhi [CA/US]; 193 Mulberry Lane, Orange, CT 06477 (US).

(74) GREENMAN, Jeffrey, M. et al. / etc.; Bayer Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).

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

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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 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)

(51)<sup>7</sup> C07D 401/12, A61K 31/50, A61P 25/22, 25/28

(11) WO 03/027097 (13) A1

(21) PCT/HU02/00096

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) P 0103912 27 Sep/sep 2001 HU (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SUBSTITUTED ALKYLAMINOPYRIDAZINONE DERIVATIVES, PROCESS FOR THE PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITION CONTAINING THE SAME  
• DERIVES SUBSTITUES D'ALKYLAMINOPYRIDAZINONE, PROCÉDES DE PREPARATION ET COMPOSITION PHARMACEUTIQUE LES CONTENANT

(71) EGIS GYÓGYSZERGYÁR RT. [HU/HU]; Keresztúri út 30-38, H-1106 Budapest (HU).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARKÓCZY, József [HU/HU]; Szirom u. 4-6/B, H-1016 Budapest (HU). SIMIG, Gyula [HU/HU]; Hollósy S. u. 25, H-1126 Budapest (HU). KÓTAY NAGY, Péter [HU/HU]; Vác, Nagymező u. 73, H-2600 Vác (HU). LÉVAY, György [HU/HU]; Gábor Áron u. 10, H-2092 Budakeszi (HU). GACSÁLYI, István [HU/HU]; Baross u. 67, H-1021 Budapest (HU). MARTONNÉ MARKÓ, Bernadett [HU/HU]; Pásztorfalva u. 14, H-1171 Budapest (HU). SCHMIDT, Éva [HU/HU]; Széher u. 51/B, H-1021 Budapest (HU). EGYED, András [HU/HU]; Ujvidék u. 58, H-1145 Budapest (HU). KOMPAGNE, Hajnalka [HU/HU]; Kőérberki u. 5/b., H-1221 Budapest (HU). LEVELEKI, Csilla [HU/HU]; Tárkony u.47., H-1029 Budapest (HU). MIKLÓSNÉ KOVÁCS, Anikó [HU/HU]; Vágújhely u. 10, H-1141 Budapest (HU). SZÉNÁSI, Gábor [HU/HU]; Vizimolnár u. 9, H-1031 Budapest (HU). WELLMANN, János [HU/HU]; Toroczkó u. 12., H-1026 Budapest (HU). HÁRSING, László, Gábor [HU/HU]; Dembinszky u. 8, H-1071 Budapest (HU).

(74) ADVOPATENT OFFICE OF PATENT AND TRADEMARK ATTORNEYS; P.O. Box 11, H-1251 Budapest (HU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07D 401/12, 405/14, A61K 31/4439, A61P 1/04, 31/04, 35/00, 43/00

(11) WO 03/027098 (13) A1

(21) PCT/JP02/09746

(22) 24 Sep/sep 2002 (24.09.2002)

(25) ja (26) ja

(30) 2001-292619 25 Sep/sep 2001 JP (25.09.2001)

(30) 2002-047204 22 Feb/fév 2002 JP (22.02.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BENZIMIDAZOLE COMPOUND, PROCESS FOR PRODUCING THE SAME, AND USE THEREOF

• COMPOSE DE BENZYMIDAZOLE, PROCÉDE DE PRODUCTION ET D'UTILISATION DE CELUI-CI

(71) TAKEDA CHEMICAL INDUSTRIES, LTD. [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAMIYAMA, Keiji [JP/JP]; 1-16-802, Kamihohigashimachi, Ibaraki-shi, Osaka 567-0037 (JP). SATO, Fumihiko [JP/JP]; 8-13-113, Kamiyamada, Suita-shi, Osaka 565-0872 (JP). BANNO, Hiroshi [JP/JP]; 1-21, Hagihara 2-chome, Kawanishi-shi, Hyogo 666-0004 (JP). HASUOKA, Atsushi [JP/JP]; 68-1, Takenouchi-cho, Takatsuki-shi, Osaka 569-0043 (JP).

(74) TAKASHIMA, Hajime; Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0044 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 401/12, A01N 37/22

(11) WO 03/027099 (13) A1

(21) PCT/US02/28274

(22) 6 Sep/sep 2002 (06.09.2002)

(25) en (26) en

(30) 60/324,011 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ARTHROPODICIDAL ANTHRANILAMIDES

• ANTHRANILAMIDES ARTHROPOCIDES

(71) E. I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

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(72, 75) ZIMMERMAN, William, Thomas [US/US]; 1 Evans Drive, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 401/14, 401/04, 409/14, A61K 31/506, A61P 35/00 // (C07D 104/04, 239:00, 213:00) (C07D 401/14, 239:00, 213:00, 213:00) (C07D 409/14, 333:00, 239:00, 213:00)

(11) WO 03/027100 (13) A1

(21) PCT/US02/30924

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(25) en (26) en

(30) 60/324,993 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SUBSTITUTED 3-PYRIDYL PYRIMIDINES AS C17,20 LYASE INHIBITORS  
• INHIBITEURS DE LYASE C17,20 A BASE DE 3-PYRIDYLE-PYRIMIDINE SUBSTITUEE

(71) BAYER CORPORATION [US/US]; 100 Bayer Road, Pittsburgh, PA 15205 (US).  
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(72, 75) SCOTT, William, J. [US/US]; 210 Saddle Hill Drive, Guilford, CT 06437 (US). FU, Wenlang [CN/US]; 12133 Town Walk Drive, Hamden, CT 06518 (US). MONAHAN, Mary-Katherine [US/US]; 134 Park Avenue, Hamden, CT 06517 (US). BIERER, Donald [US/US]; 46 Hilltop Road, Bethany, CT 06524 (US).

(74) GREENMAN, Jeffrey, M. et al. / etc.; Bayer Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL

PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> C07D 401/14, 401/04, A61K 31/422, A61P 35/00, A61K 31/4439, C07D 401/04, 213/00, 207/00, 401/14, 277/00, 213/00, 207/00, 401/14, 307/00, 213/00, 207/00

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(21) PCT/US02/30979

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/324,993 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SUBSTITUTED 3-PYRIDYL PYRROLES AND 3-PYRIDYL PYRAZOLES AS C17,20 LYASE INHIBITORS  
• 3-PYRIDYL PYRROLES ET 3-PYRIDYL PYRAZOLES SUBSTITUES EN TANT QU'INHIBITEURS DE LA LYASE C17,20

(71) BAYER CORPORATION [US/US]; 100 Bayer Road, Pittsburgh, PA 15205 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCOTT, William, J. [US/US]; 210 Saddle Hill Drive, Guilford, CT 06437 (US). JOHNSON, Jeffrey [US/US]; 58 Gould Lane, Branford, CT 06405 (US). McCLURE, Andrea [CA/US]; 156 Milton Avenue, West Haven, CT 06516 (US). FU, Wenlang [CN/US]; 12133 Town Walk Drive, Hamden, CT 06518 (US). ZHANG, Chengzhi [CA/US]; 193 Mulberry Lane, Orange, CT 06477 (US). BIERER, Donald [US/US]; 46 Hilltop Road, Bethany, CT 06524 (US).

(74) GREENMAN, Jeffrey, M. et al. / etc.; Bayer Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).

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

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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 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)

(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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 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)

(51)<sup>7</sup> C07D 403/12, 209/34, A61K 31/404, A61P 43/00

(11) WO 03/027102 (13) A1

(21) PCT/US02/30882

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,819 27 Sep/sep 2001 US (27.09.2001)

(30) 60/325,815 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • 3-(ARYLAMINO)METHYLENE-1, 3-DIHYDRO-2H-INDOL-2-ONES AS KINASE INHIBITORS  
• L'UTILISATION DE 3-(ARYLAMINO)METHYLENE-1, 3-DIHYDRO-2H-INDOL-2-ONES EN TANT QU'INHIBITEURS DE KINASES

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(72) ANDREWS, Steven, W.; 2020 Kentmere Drive, Longmont, CO 80501 (US). WURSTER, Julie, A.; 13771 Typee Way, Irvine, CA 92620 (US). HULL, Clarence, E., III; 1 Redstone, Aliso Viejo, CA 92656 (US). WANG, Edward, H.; 12 Mariposa, Dove Canyon, CA 92679 (US). MALONE, Thomas; 49 Trailwood, Irvine, CA 92620 (US).

(74) BARAN, Robert, J. et al. / etc.; Allergan, Inc., 2525 Dupont Drive, Irvine, CA 92612 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL

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

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- (51)<sup>7</sup> C07D 405/06, 471/04 // (C07D 471/04, 249:00, 221:00)
- (11) WO 03/027103 (13) A1
- (21) PCT/IB02/03942
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 982/DEL/2001 25 Sep/sep 2001 IN (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SYNTHESIS OF KEY AZOLE-ANTI-FUNGAL INTERMEDIATES  
• SYNTHÈSE D'INTERMÉDIAIRES AZOLE PRIMORDIAUX DESTINÉS A DES COMPOSÉS ANTIFONGIQUES
- (71) RANBAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, New Delhi 110 019 (IN).  
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- (72, 75) SATTIGERI, Jitendra [IN/IN]; N-323, Vijay Rattan Vihar, Sector 15-II, Gurgaon 122 001, Haryana (IN). ARORA, Jasbir, Singh [IN/IN]; 29, Mukherjee Nagar West, New Delhi 110 009 (IN). MALHOTRA, Sanjay [IN/IN]; 185, Double Storey, New Rajinder Nagar, New Delhi 100 060 (IN). VERMA, Ashwani, Kumar [IN/IN]; 24, Charak Sadan, E-Block, Vikaspuri, New Delhi 110 018 (IN). SALMAN, Mohammad [IN/IN]; P-2/19, Phase - II, DLF Qutab Enclave, Gurgaon 122 001, Haryana (IN).
- (74) DESHMUKH, Jayadeep, R.; Ranbaxy Laboratories Limited, 600 College Road East, Suite 2100, Princeton, NJ 08540 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C07D 405/12
- (11) WO 03/027104 (13) A1
- (21) PCT/KR02/01102
- (22) 11 Jun/juin 2002 (11.06.2002)
- (25) ko (26) en
- (30) 2001/60017 27 Sep/sep 2001 KR (27.09.2001)
- (30) 2002/29915 29 May/mai 2002 KR (29.05.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FUMAGILLOL DERIVATIVES AND PREPARING METHOD THEREOF  
• DERIVES DE FUMAGILLOL ET PROCÉDE PERMETTANT DE LES PRÉPARER

- (71) IDRTECH INC. [KR/KR]; 461-6 Daeduk Biocommunity, Jeonmin-dong, Yuseong-gu, Daejeon-si 305-390 (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAN, Cheol-Kyu [KR/KR]; 9-31 Yangjae-dong, Seocho-gu, Seoul 137-131 (KR). YOON, Jeong-Hyeok [KR/KR]; 114-902 Samhobyeksan Apt., 524-8 Mabuk-ri, Guseong-myun, Yongin-si, Gyeonggi-do 449-912 (KR). KIM, Seung-Moak [KR/KR]; 119-1004 Hanvit Apt., Oheun-dong, Yuseong-gu, Daejeon-si 305-755 (KR). KIM, Nam-Doo [KR/KR]; 104-1201 Hundai-Icha Apt., 628, Okryeon-dong, Yuseong-gu, Incheon-si 406-772 (KR). CHANG, Byung-Ha [KR/KR]; 108-2403 Haniltown, 881, Jowon-dong, Jangan-gu, Suwon-si, Gyeonggi-do 440-850 (KR). LEE, Jee-Young [KR/KR]; 302-1109 Chowon Daewon Apt., Pyongahn-dong, Dongahn-gu, Ahnyang-si, Gyeonggi-do 431-070 (KR). SIM, Tae-Bo [KR/KR]; 1-812 Hyundai Apt., Kongduck-dong, Mapo-gu, Seoul 121-020 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C07D 409/14, 409/04, A61K 31/4427, A61P 35/00, C07D 409/14 // (C07D 333/00, 213:00, 213:00), 409/14 // (C07D 333/00, 333:00, 213:00)
- (11) WO 03/027105 (13) A1
- (21) PCT/US02/30981
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 60/324,993 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SUBSTITUTED 3-PYRIDYL THIOPHENES AS C17,20 LYASE INHIBITORS  
• 3-PYRIDYL THIOPHENES SUBSTITUÉS EN TANT QU'INHIBITEURS DE LA LYASE C17,20
- (71) BAYER CORPORATION [US/US]; 100 Bayer Road, Pittsburgh, PA 15205 (US).  
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- (72, 75) ACHEBE, Furahi [US/US]; 10 Woodland Street, West Haven, CT 06516 (US). McCLURE, Andrea, C. [CA/US]; 156 Milton Avenue, West Haven, CT 06516 (US). BIERER, Donald [US/US]; 46 Hilltop Road, Bethany, CT 06524 (US).
- (74) GREENMAN, Jeffrey, M. et al. / etc.; Bayer Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> C07D 411/04

- (11) WO 03/027106 (13) A1
- (21) PCT/IN01/00222
- (22) 21 Dec/déc 2001 (21.12.2001)
- (25) en (26) en
- (30) 926/MUM/01 25 Sep/sep 2001 IN (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PROCESS FOR THE PREPARATION OF CRYSTALLINE POLYMORPH II OF LAMIVUDINE  
• PROCÉDE DE PRÉPARATION DE POLYMORPHES II CRISTALLINS DE LAMIVUDINE
- (71) CADILA HEALTHCAR LIMITED [IN/IN]; Zydus Tower, Satellite Cross Roads, Ahmedabad 380 015, Gujarat (IN).  
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- (72, 75) SHAH, Chirag Surendrabhai [IN/IN]; Cadila Healthcare Limited, 291, Gide, Ankleshwar 393 002, Gujarat (IN). SORATHIYA, Suresh Devjibhai [IN/IN]; Cadila Healthcare Limited, 291, Gide, Ankleshwar 393 002, Gujarat (IN). AGARWAL, Virendra Kumar [IN/IN]; Cadila Healthcare Limited, 291, Gide, Ankleshwar 393 002, Gujarat (IN). NIROGI, Venkata Satya Ramakrishna [IN/IN]; Cadila Healthcare Limited, Zydus Tower, Satellite Cross Roads, Gandhinagar-Sarkhej Highway, Ahmedabad 380 015, Gujarat (IN). PANDITA, Kanwal [IN/IN]; Cadila Healthcare Limited, Zydus Tower, Satellite Cross Roads, Gandhinagar-Sarkhej Highway, Ahmedabad 380 015, Gujarat (IN). PATEL, Pankaj Ramanbhai [IN/IN]; Cadila Healthcare Limited, Zydus Tower, Satellite Cross Roads, Gandhinagar-Sarkhej Highway, Ahmedabad 380 015, Gujarat (IN).
- (74) 00BRAMANIAM, Hariharan et al. / etc.; Subramaniam, Nataraj & Associates, Patent

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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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 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).

(51)<sup>7</sup> C07D 413/04, 413/10, A61K 31/422, A61P 35/00 // (C07D 413/04, 263:00, 213:00) (C07D 413/10, 263:00, 213:00, 207:00) (C07D 413/10, 321:00, 263:00, 213:00)

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(21) PCT/US02/30834  
(22) 26 Sep/sep 2002 (26.09.2002)  
(25) en (26) en  
(30) 60/324,993 26 Sep/sep 2001 US (26.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • SUBSTITUTED 3-PYRIDYL OXAZOLES AS C17,20 LYASE INHIBITORS  
• 3-PYRIDYL OXAZOLES SUBSTITUES, INHIBITEURS DE LA C17,20 LYASE

(71) BAYER CORPORATION [US/US]; 100 Bayer Road, Pittsburgh, PA 15205 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HART, Barry [US/US]; 28 Fox Hill Road, Woodbridge, CT 06525 (US).  
BIERER, Donald [US/US]; 46 Hilltop Road, Bethany, CT 06524 (US).  
ZHANG, Chengzhi [CA/US]; 193 Mulberry Lane, Orange, CT 06477 (US).

(74) GREENMAN, Jeffrey, M. et al. / etc.; Bayer Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).

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

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ES FI FR GB GR IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> C07D 417/12, A61K 31/428, A61P 3/10, C07D 417/14, 471/04 // (C07D 471/04, 221:00, 209:00)

(11) WO 03/027108 (13) A1  
(21) PCT/FR02/03213  
(22) 20 Sep/sep 2002 (20.09.2002)  
(25) fr (26) fr  
(30) 0112205 21 Sep/sep 2001 FR (21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HETEROCYCLIC DERIVATIVES AND THEIR USE AS HYPOGLYCAEMIC AND HYPOLIPIDEMIC AGENTS  
• DERIVES HETEROCYCLIQUES ET LEUR UTILISATION EN TANT QU'AGENTS HYPOGLYCEMIANTS ET HYPOLIPEMIANTS

(71) LES LABORATOIRES SERVIER [FR/FR]; 12, place de la Défense, F-92415 Courbevoie Cedex (FR).  
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(72, 75) LESIEUR, Daniel [FR/FR]; 20, rue de Verdun, F-59147 Gondecourt (FR).  
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BOUTIN, Jean, Albert [FR/FR]; 28, rue Roger Salengro, F-92150 Suresnes (FR).  
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(74) LES LABORATOIRES SERVIER; Direction Brevets, 12, place de La Défense, F-92415 Courbevoie Cedex (FR).

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

(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 IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> C07D 417/12, 405/12, A61P 35/00

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(21) PCT/US02/29630  
(22) 18 Sep/sep 2002 (18.09.2002)  
(25) en (26) en  
(30) 60/325,814 27 Sep/sep 2001 US (27.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)

(54) • 3-(HETEROARYLAMINO)METHYLENE-1, 3-DIHYDRO-2H-INDOL-2-ONES AS KINASE INHIBITORS  
• 3-(HETEROARYLAMINO)METHYLENE-1, 3-DIHYDRO-2H-INDOL-2-ONES, INHIBITEURS DE KINASE

(71) ALLERGAN, INC. [US/US]; 2525 Dupont Drive, Irvine, CA 92612 (US).  
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(72, 75) ANDREWS, Steven, W. [US/US]; 2020 Kentmere Drive, Longmont, CO 80501 (US).  
WURSTER, Julie, A. [US/US]; 13771 Typee Way, Irvine, CA 92620 (US).  
HULL, III, C., Eugene [US/US]; 1 Redstone, Aliso Viejo, CA 92656 (US).

(74) BARAN, Robert, J. et al. / etc.; Allergan, Inc., 2525 Dupont Drive, Irvine, CA 92612 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 471/00

(11) WO 03/027110 (13) A2  
(21) PCT/US01/51422  
(22) 12 Jul/juil 2001 (12.07.2001)  
(25) en (26) en  
(30) 60/222,866 4 Aug/aouût 2000 US (04.08.2000)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROCESS FOR PREPARING 2-(4-PYRIDYL)AMINO-6-DIALKYL-OXYPHENYL-PYRIDO [2,3-D]PYRIMIDIN-7-ONES

• PROCEDE DE PREPARATION DE 2-(4-PYRIDYL)AMINO-6-DIALKYL-OXYPHENYL-PYRIDO[2,3-D]PYRIMIDIN-7-ONES

(71) WARNER-LAMBERT COMPANY [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TJIONG, Howard Isaac [US/US]; Pfizer Holland Chemical Development, 188

- Howard Avenue, Holland, MI 49423 (US). WINTERS, Roy, Thomas [US/US]; Pfizer PGRD, 2800 Plymouth Road, Anne Arbor, MI 48105 (US).
- (74) FEDERMAN, Evan, J. et al. / etc.; Warner-Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 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)<sup>7</sup> C07D 471/04, 471/12, A61K 31/437, A61P 29/00, 35/00
- (11) WO 03/027111 (13) A1
- (21) PCT/US02/30150
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/326,012 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CHEMICAL COMPOUNDS  
• COMPOSES CHIMIQUES
- (71) SMITHKLINE BEECHAM CORPORATION [US/US]; One Franklin Plaza, Philadelphia, PA 19101 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LACKEY, Karen, Elizabeth [US/US]; GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US). WOOD, Edgar, Raymond, III [US/US]; GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US).
- (74) LEVY, David, J. et al. / etc.; GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZW 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (i) for all designations / pour toutes les désignations
- 
- (51)<sup>7</sup> C07D 471/04, A61K 31/44, A61P 3/10 // (C07D 471/04, 221:00, 221:00)
- (11) WO 03/027113 (13) A1
- (21) PCT/US02/30376
- (22) 23 Sep/sep 2002 (23.09.2002)
- (25) en (26) en
- (30) 60/324,511 26 Sep/sep 2001 US (26.09.2001)
- (30) 60/324,511 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • 1, 8-NAPHTHYRIDINE DERIVATIVES AS ANTIDIABETICS  
• DERIVES 1, 8-NAPHTHYRIDINE UTILISES COMME ANTIDIABETIQUES
- (71) BAYER CORPORATION [US/US]; 100 Bayer Road, Pittsburgh, PA 15205 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WANG, Yamin [CN/US]; 10 Russet Road, Sandy Hook, CT 06482 (US). GUNN, David, E. [US/US]; 40 Wood Street, Hamden, CT 06517 (US). LIU, Qingjie [CN/US]; 611 Douglas Drive, Orange, CT 06477 (US). LIANG, Sidney, X. [US/US]; 79 Carriage Road, Bethany, CT 06524 (US). BULLOCK, William, H. [US/US]; 60 Herrmann Lane, Easton, CT 06612 (US). LIU, Donglei [CN/US]; 23 Kenneth Street, Apt. 4-4B, West Haven, CT 06516 (US). MAGNUSON, Steven, R. [CA/US]; 12 Killen Road, Wallingford, CT 06492 (US). LI, Tindy [US/US]; 102 Wharton Place, West Haven, CT 06516 (US). MULL, Eric, S. [US/US]; 117 Old Sachems Head Road, Guilford, CT 06437 (US). WOOD, Jill, E. [US/US]; 3007 Ridge Road, North Haven, CT 06473 (US). QI, Ning [CN/US]; 109 Kaye Vue Dr. 1E, Hamden, CT 06514 (US).
- (74) GREENMAN, Jeffrey, M. et al. / etc.; Bayer Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations
- 
- (51)<sup>7</sup> C07D 471/04, A61K 31/437, A61P 3/04 // (C07D 471/04, 221:00, 209:00)
- (11) WO 03/027114 (13) A1
- (21) PCT/US02/30541
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/324,443 24 Sep/sep 2001 US (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PREPARATION AND USE OF 1,5,6,7-TETRAHYDROPYRROLO[3,2-C]PYRIDINE DERIVATIVES FOR TREATMENT OF OBESITY  
• PREPARATION ET UTILISATION DE DERIVES DE LA 1,5,6,7-TETRAHYDROPYRROLO[3,2-C]PYRIDINE POUR LE TRAITEMENT DE L'OBESITE
- (71) BAYER CORPORATION [US/US]; 100 Bayer Road, Pittsburgh, PA 15205 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WANG, Yamin [CN/US]; 10 Russet Road, Sandy Hook, CT 06482 (US). BULLOCK, William, H. [US/US]; 60 Herrmann Lane, Easton, CT 06612 (US). CHEN, Libing [CN/US]; 40 Barberry CT, Milford, CT 06460 (US).
- (74) GREENMAN, Jeffrey, M. et al. / etc.; Bayer Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA 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 IE IT LU MC NL PT SE 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) C07D 471/04
- (11) WO 03/027112 (13) A1
- (21) PCT/US02/30176
- (22) 23 Sep/sep 2002 (23.09.2002)
- (25) en (26) en



- (71) **BAYER PHARMACEUTICALS CORPORATION** [US/US]; 400 Morgan Lane, West Haven, CT 06516 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SMITH, Roger, A.** [US/US]; 65 Winterhill Road, Madison, CT 06443 (US). **WONG, Wai, C.** [US/US]; 314 Aspen Glen Drive, Hamden, CT 06518 (US). **O'CONNOR, Stephen, J.** [US/US]; 977 Little Meadow Road, Guilford, CT 06437 (US). **CHOI, Soongyu** [KR/US]; 44 Jamestown Road, Trumbull, CT 06611 (US). **KLUENDER, Harold, C., E.** [US/US]; 27 Academy Road, Trumbull, CT 06611 (US). **ZHANG, Zhonghua** [CN/US]; 20 Commodore Hull Drive, Derby, CT 06418 (US). **LAVOIE, Rico, C.** [CA/US]; 84 Hubbard Place, Hamden, CT 06517 (US). **FAN, Jianmei** [CN/US]; 121 October Hill Road, Hamden, CT 06518 (US). **PODLOGAR, Brent, L.** [US/US]; 18 Quarry Lane, Hamden, CT 06518 (US).
- (74) **GREENMAN, Jeffrey, M. et al.** / etc.; Bayer Pharmaceuticals Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VN YU ZA 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

- (51)<sup>7</sup> C07D 487/04, A61K 31/519, A61P 25/28 // (C07D 487/04, 239:00, 239:00) (C07D 487/04, 239:00, 235:00)
- (11) WO 03/027115 (13) A1
- (21) PCT/EP02/11127
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) en (26) en
- (30) 01402431.9 21 Sep/sep 2001 EP (21.09.2001)
- (30) 02290488.2 28 Feb/fév 2002 EP (28.02.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)

- (54) • SUBSTITUTED 2-PYRIMIDINYL-6,7,8,9-TETRAHYDROPYRIMIDIDO[1,2-A]PYRIMIDINE-4-ONE AND 7-PYRIMIDINYL-2,3-DIHYDROIMIDAZO[1,2-A]PYRIMIDINE-5(1H)ONE DERIVATIVES FOR NEURODEGENERATIVE DISORDERS
- DERIVES DE 2-PYRIMIDINYL-6,7,8,9-TETRAHYDROPYRIMIDIDO[1,2-A]PYRIMIDINE-4-ONE ET DE 7-PYRIMIDINYL-2,3-DIHYDROIMIDAZO[1,2-A]PYRIMIDINE-5(1H)ONE UTILISES POUR LE TRAITEMENT DE MALADIES NEURODEGENERATIVES
- (71) **SANOFI-SYNTHELABO** [FR/FR]; 174, avenue de France, F-75013 Paris (FR). **MITSUBISHI PHARMA CORPORATION** [JP/JP]; 6-9, Hiranomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **GALLET Thierry** [FR/FR]; 105, boulevard de Palaiseau, F-91120 Palaiseau (FR). **LARDENOIS, Patrick** [FR/FR]; 18, rue Varenge, F-92340 Bourg-la-Reine (FR). **LOCHEAD, Alistair** [GB/FR]; 95, rue de Paris, F-94220 Charenton (FR). **MARGUERIE, Séverine** [FR/FR]; 78, boulevard de Cleunay, F-35000 Rennes (FR). **NED-ELEC, Alain** [FR/FR]; 97, rue Victor-Hugo, F-92700 Colombes (FR). **SAADY, Mourad** [FR/FR]; 224, rue de Faubourg Saint-Antoine, F-75012 Paris (FR). **SLOWINSKI, Franck** [FR/FR]; 41, Grande Rue, F-77230 Thieux (FR). **YAICHE, Philippe** [FR/FR]; 2, place Marc Sangnier, F-93260 Les Lilas (FR).
- (74) **KUGEL, Dominique**; Sanofi-Synthelabo, 174, avenue de France, F-75013 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C07D 487/04
- (11) WO 03/027116 (13) A2
- (21) PCT/EP02/11128
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) en (26) en
- (30) 01 402 432.7 21 Sep/sep 2001 EP (21.09.2001)
- (30) 02 290 489.0 28 Feb/fév 2002 EP (28.02.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SUBSTITUTED 2-PYRIDINYL-6,7,8,9-TETRAHYDROPYRIMIDIDO[1,2-A]PYRIMIDINE-4-ONE AND 7-PYRIDINYL-2,3-DIHYDROIMIDAZO[1,2-A]PYRIMIDINE-5(1H)ONE DERIVATIVES

- DERIVES DE 2-PYRIDINYL-6,7,8,9-TETRAHYDROPYRIMIDIDO[1,2-A]PYRIMIDINE-4-ONE ET DE 7-PYRIDINYL-2,3-DIHYDROIMIDAZO[1,2-A]PYRIMIDINE-5(1H)ONE SUBSTITUEE
- (71) **SANOFI-SYNTHELABO** [FR/FR]; 174 avenue de France, F-75013 Paris (FR). **MITSUBISHI PHARMA CORPORATION** [JP/JP]; 6-9, Hiranomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **GALLET, Thierry** [FR/FR]; 105, boulevard de Palaiseau, F-91120 Palaiseau (FR). **LARDENOIS, Patrick** [FR/FR]; 18, rue Varenge, F-92340 Bourg-La-Reine (FR). **LOCHEAD, Alistair** [GB/FR]; 95, rue de Paris, F-94220 Charenton (FR). **MARGUERIE, Séverine** [FR/FR]; 78, boulevard de Cleunay, F-35000 Rennes (FR). **NED-ELEC, Alain** [FR/FR]; 97, rue Victor-Hugo, F-92700 Colombes (FR). **SAADY, Mourad** [FR/FR]; 224, Faubourg Saint-Antoine, F-75012 Paris (FR). **SLOWINSKI, Franck** [FR/FR]; 41, grande Rue, F-77230 Thieux (FR). **YAICHE, Philippe** [FR/FR]; 2, place Marc Sangnier, F-93260 Les Lilas (FR).
- (74) **KUGEL, Dominique**; Sanofi-Synthelabo, 174, avenue de France, F-75013 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C07D 491/04
- (11) WO 03/027117 (13) A1
- (21) PCT/US02/28864
- (22) 11 Sep/sep 2002 (11.09.2002)
- (25) en (26) en
- (30) 09/960,205 21 Sep/sep 2001 US (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • A PROCESS FOR THE PREPARATION OF 5-(SUBSTITUTED)-10-METHOXY-2,2,4-TRIMETHYL-2,5-DIHYDRO-1H-CHROMENO[3,4-F]QUINOLINES AND DERIVATIVES THEREOF
- PROCEDE DE PREPARATION DE 5-(SUBSTITUEES)-10-METHOXY-2,2,4-TRIMETHYL-2,5-DIHYDRO-1H-CHROMENO[3,4-F]QUINOLEINES ET LEURS DERIVES
- (71) **ABBOTT LABORATORIES** [US/US]; D-377 AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).
- (72) **KU, Yi-Yin**; 23 River Oaks Circle E, Buffalo Grove, IL 60089 (US). **GRIEME, Timothy, A.**; 4899 N Hermitage, Apt 1, Chicago, IL 60640 (US). **SHARMA, Padam, N.**; 6132 Indian Tr, Gurnee, IL 60031 (US). **RAJE,**

- Prasad, S.; 1520 Greystone Dr, Gurnee, IL 60031 (US). FITZGERALD, Mike, A.; 911 Walnut St, Waukegan, IL 60085 (US). MORTON, Howard, E.; 6088 Indian Trl Rd, Gurnee, IL 60031 (US).
- (74) COLLINS, Daniel, W. et al. / etc.; D-377 AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).
- (81) CA JP MX.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> C07D 491/22, A61K 31/47, A61P 35/00
- (11) WO 03/027118 (13) A1
- (21) PCT/IB02/03950
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) en (26) en
- (30) 798/MAS/2001 25 Sep/sep 2001 IN (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PHARMACEUTICALLY ACCEPTABLE SALTS OF 20(S)-CAMPTOTHECINS
- SELS ACCEPTABLES D'UN POINT DE VUE PHARMACEUTIQUE DE 20(S)-CAMPTOTHECINES
- (71) DR.REDDY'S LABORATORIES LTD. [IN/IN]; 7-1-27, Ameerpet, Hyderabad 500 016 (IN).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) POTHUKUCHI, Sairam [IN/IN]; Discovery Research, Dr. Reddy's Laboratories Ltd., 7-1-27, Ameerpet, Hyderabad 500 016 (IN). DUVVURI, Subrahmanyam [IN/IN]; Discovery Research, Dr. Reddy's Laboratories Ltd., 7-1-27, Ameerpet, Hyderabad 500 016 (IN). RAJAGOPAL, Sriram [IN/IN]; Discovery Research, Dr. Reddy's Laboratories Ltd., 7-1-27, Ameerpet, Hyderabad 500 016 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> C07D 493/04
- (11) WO 03/027119 (13) A1
- (21) PCT/IB02/03700
- (22) 18 Sep/sep 2002 (18.09.2002)
- (25) en (26) en
- (30) 01203609.1 24 Sep/sep 2001 EP (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ISOSORBIDE DERIVATIVES
- DERIVES ISOSORBIDE
- (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) LUB, Johan [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VOGELS, Joost, P., A. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WEGH, Rene, T. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). NIJSSEN, Wilhelmus, P., M. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) TOL, Arie, J., W.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> C07D 493/08, C07C 51/34
- (11) WO 03/027120 (13) A1
- (21) PCT/US02/29467
- (22) 17 Sep/sep 2002 (17.09.2002)
- (25) en (26) en
- (30) 09/961.427 24 Sep/sep 2001 US (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CONTINUOUS OZONOLYSIS OF CYCLOALKENES INTO OZONIDES
- OZONOLYSE CONTINUE DE CYCLOALCENES EN OZONIDES
- (71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
- (72) MORAN, Edward, F., Jr.; 20 Storrie Avenue, Gibbstown, NJ 08027 (US). THAYER, Chester, Arthur, II; 123 Parrish Lane, Wilmington, DE 19810 (US).
- (74) DEITCH, Gerald, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) ES FI FR GB GR IE IT LU MC NL PT SE SK TR)*
- OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)<sup>7</sup> C07F
- (11) WO 03/027121 (13) A2
- (21) PCT/EP02/10226
- (22) 12 Sep/sep 2002 (12.09.2002)
- (25) en (26) en
- (30) 011222499.5 21 Sep/sep 2001 EP (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MANUFACTURE OF VITAMIN B6
- FABRICATION DE LA VITAMINE B6
- (71) ROCHE VITAMINS AG [CH/CH]; 124 Grenzacherstrasse, CH-4070 Basle (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BONRATH, Werner [DE/DE]; Luckenbachweg 29, 79115 Freiburg (DE). HELLER, Barbara [DE/DE]; Hauptstrasse 5a, 18334 Dettmannsdorf (DE).
- (74) MUELLER, Ingrid; 124 Grenzacherstrasse, CH-4070 Basle (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 NO NZ PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07F
- (11) WO 03/027122 (13) A2
- (21) PCT/US02/28201
- (22) 5 Sep/sep 2002 (05.09.2002)
- (25) en (26) en
- (30) 60/318,220 7 Sep/sep 2001 US (07.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • LANTHANIDE BINDING TAGS
- MARQUEURS DE LIAISON DE LANTHANIDES
- (71) MASSACHUSETTS INSITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US). BOSTON UNIVERSITY [US/US]; 121 Bay State Road, Boston, MA 02215 (US).
- (72) IMPERIALI, Barbara; 58 Porter Road, Cambridge, MA 02140 (US). ALLEN, Karen, N.; 139 Beaver Road, Westin, MA 02493 (US). FRANZ, Katherine, J.; MIT, McCormick Hall 525, Cambridge, MA 02139 (US).
- (74) MRKSICH, K, Shannon; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07F 7/08, G02C 7/04, C08F 20/10, 20/52, 12/22, 12/14

(11) WO 03/027123 (13) A1

(21) PCT/JP01/06741

(22) 6 Aug/août 2001 (06.08.2001)

(25) ja (26) ja

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MONOMERS, POLYMERS AND OPHTHALMIC LENSES

• MONOMERES, POLYMERES ET LENTILLES OPHTHALMOLOGIQUES

(71) JOHNSON & JOHNSON VISION CARE, INC. [US/US]; 7500 Centurion Parkway, Suite 100, Jacksonville, FL Florida 32256, FL 32256 (US).

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

(72, 75) NAKAMURA, Masataka [JP/JP]; 48-43, Fujimidai, Otsu-shi, Shiga 520-0846 (JP). MORIKAWA, Yukie [JP/JP]; 759-1-102, Noji-cho, Kusatsu-shi, Shiga 525-0055 (JP). YOKOTA, Mitsuru [JP/JP]; 24-20-402, Asahigaoka 1-chome, Otsu-shi, Shiga 520-0052 (JP).

(74) MIYAMORI, Hiroshi; Odajima Patent Office, Nippon Jitensha Building, 9-15, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> C07F 7/18, C09D 5/16, C08F 4/42

(11) WO 03/027124 (13) A1

(21) PCT/EP02/10552

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 01203581.2 21 Sep/sep 2001 EP (21.09.2001)

(30) 02076553.3 19 Apr/avr 2002 EP (19.04.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROCESS FOR THE PREPARATION OF ORGANOSILYLATED CARBOXYLATE MONOMERS, AND THEIR USE IN ANTIFOULING COATINGS

• PROCEDE DE PREPARATION DE MONOMERES DE CARBOXYLATE ORGANOSILYLES, ET LEUR UTILISATION DANS DES REVETEMENTS ANTISALISSURES

(71) SIGMA COATINGS B.V. [NL/NL]; Amsterdamseweg 14, NL-1422 AD Uithoorn (NL).

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

(72, 75) PLEHIERS, Mark [BE/BE]; Rue Le Corge, 21, B-1000 Bruxelles (BE). VOS, Marcel [NL/BE]; Rue de Cheval Godet, 78, B-1400 Nivelles (BE). GILLARD, Michel [BE/BE]; Rue J. Froissart 6/102, B-1348 Louvain-la-Neuve (BE).

(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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07F 7/18

(11) WO 03/027125 (13) A1

(21) PCT/FR02/03067

(22) 10 Sep/sep 2002 (10.09.2002)

(25) fr (26) fr

(30) 01 12191 21 Sep/sep 2001 FR (21.09.2001)

(30) 01 16508 20 Dec/déc 2001 FR (20.12.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR OBTAINING HALOGENATED MONOORGANOXYLANES USEFUL IN PARTICULAR AS SYNTHESIS INTERMEDIATES

• PROCEDE D'OBTENTION DE MONOORGANOXYLANES HALOGENES UTILISABLES NOTAMMENT EN TANT QU'INTERMEDIAIRES DE SYNTHÈSE

(71) RHODIA CHIMIE [FR/FR]; 26, Quai Alphonse Le Gallo, F-92512 Boulogne Billancourt Cédex (FR).

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

(72, 75) GUENNOUNI, Nathalie [FR/FR]; La Clairière, 5, rue de la Fondation Dorothée Petit, F-69540 Irigny (FR). MIGNANI, Gérard [FR/FR]; 2, avenue des Frères Lumière, F-69008 Lyon (FR). PEVERE, Virginie [FR/FR]; Peveré Virginie, 37, rue Bataille, F-69008 Lyon (FR).

(74) TROLLIET, Maurice; Rhodia Services, Direction de la Propriété Industrielle, Centre de Recherches de Lyon - BP 62, F-69192 Saint-Fons (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07F 7/18

(11) WO 03/027126 (13) A1

(21) PCT/IP02/09743

(22) 20 Sep/sep 2002 (20.09.2002)

(25) ja (26) ja

(30) 2001-288152 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROCESS FOR PREPARATION OF THIOCYANATO-BEARING ORGANOALKOXYLANES

• PROCEDE DE PREPARATION D'ORGANOALKOXYLANES COMPRENANT UN GROUPE THIOCYANATE

(71) DOW CORNING TORAY SILICONE CO., LTD. [JP/JP]; 1-3, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

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

(72, 75) WAKITA, Keiji [JP/JP]; c/o Dow Corning Toray Silicone Co., Ltd., Science and Technology Division, 2-2, Chigusakaigan, Ichihara-shi, Chiba 299-0108 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07F 9/02, 15/00, C23C 16/00

(11) WO 03/027127 (13) A1

(21) PCT/US02/14301

(22) 8 May/mai 2002 (08.05.2002)

(25) en (26) en

(30) 09/963,452 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS OF SYNTHESIZING RUTHENIUM AND OSMIUM COMPOUNDS

• PROCEDES DE SYNTHÈSE DE COMPOSES DE RUTHENIUM ET D'OSMIUM

(71) PRAXAIR TECHNOLOGY, INC. [US/US]; 39 Old Ridgebury Road, Danbury, CT 06810-5113 (US).

(72) LIENHARD, Alexander, David; 2610 Jay Avenue, Cleveland, OH 44113 (US).

- HOOVER, Cynthia, A.;** 2925 Whitehaven Road, Grand Island, NY 14072 (US).
- (74) **LAU, Bernard, R. et al. / etc.;** Praxair, Inc., 39 Old Ridgebury Road, Danbury, CT 06810-5113 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) 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).
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- (51)<sup>7</sup> C07F 9/30, 9/58, 9/547, A61K 31/66, A61P 7/02
- (11) **WO 03/027128** (13) A1
- (21) PCT/SE02/01737
- (22) **23 Sep/sep 2002 (23.09.2002)**
- (25) en (26) en
- (30) 0103272-1 **28 Sep/sep 2001 SE (28.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (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) **POLLA, Magnus [SE/SE];** AstraZeneca R & D Mölndal, S-431 83 Mölndal (SE).
- (74) **GLOBAL INTELLECTUAL PROPERTY;** AstraZeneca AB, S-151 85 Södertälje (SE).
- (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 SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT 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
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- (51)<sup>7</sup> C07F 9/40
- (11) **WO 03/027129** (13) A1
- (21) PCT/GB02/03922
- (22) **23 Aug/août 2002 (23.08.2002)**
- (25) en (26) en
- (30) 0123202.4 **27 Sep/sep 2001 GB (27.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • BETA-KETOPHOSPHONATES  
• BETA-KETOPHOSPHONATES
- (71) **RHODIA CONSUMER SPECIALTIES LIMITED [GB/GB];** Oak House, Reeds Crescent, Watford, Hertfordshire WD24 4QP (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HARRIS, Christopher, John [GB/GB];** 45 Bearcroft Avenue, Great Meadow, Worcester WR4 0DR (GB). **SMITH, Alan, Craig [GB/GB];** 50 Hogarth Close, Bedworth, Warwickshire CV12 8TL (GB). **SALTER, Julie, Ann [GB/GB];** Holly Hall, Dudley, West Midlands DY1 2EG (GB).
- (74) **BARKER BRETTELL;** 138 Hagley Road, Edgbaston, Birmingham B16 9PW (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07F 15/00, 15/04
- (11) **WO 03/027130** (13) A2
- (21) PCT/US02/29993
- (22) **20 Sep/sep 2002 (20.09.2002)**
- (25) en (26) en
- (30) 09/963,065 **25 Sep/sep 2001 US (25.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • TRANSITION METAL COMPLEXES AND OLIGOMERS THEREFROM  
• COMPLEXES DE METAUX DE TRANSITION ET OLIGOMERES OBTENUS A PARTIR DE CEUX-CI
- (71) **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US];** 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).
- (72) **STIBRANY, Robert, T.;** 99 Middle Valley Road, Long Valley, NJ 07853 (US). **MATTURRO, Robert, Gerard;** 41 York Street, Lambertville, NJ 08530 (US). **ZUSHMA, Stephen;** 30 West Main Street, Clinton, NJ 08809 (US). **PATIL, Abhimanyu, Onkar;** 12 Evergreen Court, Westfield, NJ 07090 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> C07J
- (11) **WO 03/027132** (13) A2
- (21) PCT/KR02/01776
- (22) **19 Sep/sep 2002 (19.09.2002)**
- (25) en (26) en
- (30) 2001/58825 **22 Sep/sep 2001 KR (22.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD OF PREPARING 17SG(b)-(N-TERT-BUTYL CARBAMOYL)-3-ONE STEROID DERIVATIVES

- PROCEDE DE PREPARATION DE DERIVES DE STEROIDES DE 17SG(B)-(N-TERT-BUTYL CARBAMOYL)-3-ONE

(71) HANMI PHARM. CO., LTD. [KR/KR]; #893-5, Hajeo-ri, Paltan-myeon, Hwaseong-gun, 445-910 Kyungki-do (KR).

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

(72, 75) MOON, Youngho [KR/KR]; Hwang-golmaeul Jugong Apt. 146-1203, Young-tong-dong, Paldal-gu, 442-470 Suwon-si, Kyungki-do (KR). KIM, Namdu [KR/KR]; 202, #532-1, Sucheong-dong, 447-290 Osan-si, Kyungki-do (KR). LEE, Kyungik [KR/KR]; 36/2, Kanseok-1-dong, Nam-dong-gu, 405-231 Incheon (KR). KIM, Cheolkyung [KR/KR]; Jugong-2-cha Apt. 204-402, #111-1, Deokso-ri, Wabu-cup, 472-900 Namyangju-si, Kyungki-do (KR). LEE, Gwansun [KR/KR]; Keukdong Apt. 2-806, Karak-dong, Songpa-gu, 138-160 Seoul (KR). CHANG, Youngkil [KR/KR]; #34-4, Samjeon-dong, Songpa-gu, 138-180 Seoul (KR).

(74) JANG, Seongku et al. / etc.; 17th Fl., KEC Building, #275-7, Yangjae-dong, Seocho-ku, 137-130 Seoul (KR).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> C07J 9/00, C07C 29/64, 33/48, 35/48

(11) WO 03/027133 (13) A1

(21) PCT/NZ02/00198

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 514469 26 Sep/sep 2001 NZ (26.09.2001)

(30) 515660 22 Nov/nov 2001 NZ (22.11.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COHALOGENATIONS OF SELECTED DOUBLE BONDED COMPOUNDS USING N-HALO-SUCCINIMIDE.

- CO-HALOGENATION DE COMPOSES A DOUBLE LIAISON SELECTIONNES UTILISANT N-HALO-SUCCINIMIDE

(71) THE UNIVERSITY OF WAIKATO [NZ/NZ]; Gate 5, Hillcrest Road (no number), 2001 Hamilton (NZ).

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

(72, 75) KAVTARADZE, Levan, Kita [NZ/NZ]; 34 Beech Crescent, 2001 Hamilton (NZ). MANLEY-HARRIS, Marilyn [NZ/NZ]; 6 Cotter Place, 2001 Hamilton (NZ).

(74) WILSON, Kathryn, Shelley et al. / etc.; Private Bag 3140, Level 12, KPMG Centre, 85 Alexandra Street, 2001 Hamilton (NZ).

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

Published / Publiée : (c)

(51)<sup>7</sup> C07J 71/00

(11) WO 03/027134 (13) A1

(21) PCT/US02/28124

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 60/324,589 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • STEREOSELECTIVE TRANSACETALIZATION OF STEROIDAL C-22 ACETONIDE

- TRANSACETALISATION STEREOSELECTIVE DE C-22 ACETONIDES STEREOIDIENS

(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) REEDER, Lisa, M. [US/US]; 7793 Percheron Street, Kalamazoo, MI 49009 (US). STANCHINA, Corey, L. [US/US]; 5153 South 4th Street, Kalamazoo, MI 49009 (US).

(74) STEIN, Bruce; Global Intellectual Property, Pharmacia & Upjohn Company, 301 Henrietta Street, Kalamazoo, MI 49001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K

(11) WO 03/027135 (13) A2

(21) PCT/US02/30316

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 60/325,360 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MUTATED ANTI-CD22 ANTIBODIES WITH INCREASED AFFINITY TO CD22-EXPRESSING LEUKEMIA CELLS

- ANTICORPS ANTI-CD22 MUTES A FORTE AFFINITE POUR LES CELLULES LEUCEMIQUES EXPRIANT DES CD22

(71) THE GOVERNMENT OF THE UNITED STATES, AS REPRESENTED BY THE SECRETARY OF HEALTH AND HUMAN SERVICES [US/US]; Office of Technology Transfer, 6011 Executive Boulevard, Suite 325, Rockville, MD 20854 (US).

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

(72, 75) PASTAN, Ira, H. [US/US]; 11710 Beall Mountain Road, Potomac, MD 20854 (US). SALVATORE, Giuliana [IT/IT]; Via Crispi 31, I-80121 Naples (IT). BEERS, Richard [US/US]; 5306 Russett Road, Rockville, MD 20853 (US). KREITMAN, Robert, J. [US/US]; 11915 Reynolds Ave., Potomac, MD 20854 (US).

(74) HYMAN, Laurence, J. et al. / etc.; TOWNSEND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> C07K 1/00

(11) WO 03/027136 (13) A2

(21) PCT/GB02/04223

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 0123114.1 26 Sep/sep 2001 GB (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROTEIN PRODUCTION

- PRODUCTION DE PROTEINES

(71) ACCENTUS PLC [GB/GB]; 329 Harwell, Didcot, Oxfordshire OX11 0QJ (GB).

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

(72, 75) FAHEY, Edward [GB/GB]; 4A Charles Street, Oxford, Oxfordshire OX4 3AS (GB). PURVIS, James, Alexander [GB/GB]; 13 Fieldside, Long Wittenham, Oxfordshire OX14 4QB (GB). STAIRMAND, John, William [GB/GB]; Firdale, 1 School Lane, Guildon Sutton, Chester, Cheshire CH3 7ET (GB).

(74) MANSFIELD, Peter, Turquand et al. / etc.; Accentus plc, Patents Dept., 329 Harwell, Didcot, Oxfordshire OX11 0QJ (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 SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT 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)<sup>7</sup> C07K 1/107, 1/04, 14/815, 14/705, A61K 47/48
- (11) WO 03/027137 (13) A2
- (21) PCT/GB02/04352
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 0123262.8 27 Sep/sep 2001 GB (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • POLYMERIC COMPOUNDS  
• COMPOSES POLYMERES
- (71) ADPROTECH LIMITED [GB/GB]; Chesterford Research Park, Little Chesterford, Saffron Walden, Essex CB10 1XL (GB). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SMITH, Richard, Andrew, Godwin [GB/GB]; AdProTech Limited, Chesterford Research Park, Little Chesterford, Saffron Walden, Essex CB10 1XL (GB). BETLEY, Jason, Richard [GB/GB]; AdProTech Limited, Chesterford Research Park, Little Chesterford, Saffron Walden, Essex CB10 1XL (GB). ESSER, Dirk [GB/GB]; AdProTech Limited, Chesterford Research Park, Little Chesterford, Saffron Walden, Essex CB10 1XL (GB).
- (74) DAVIES, Jonathan, Mark; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07K 1/18, 14/705, 16/30, C12N 15/00, C12P 21/08, G01N 33/53, 33/566
- (11) WO 03/027138 (13) A1
- (21) PCT/JP02/07982

- (22) 5 Aug/août 2002 (05.08.2002)
- (25) ja (26) ja
- (30) 2001-292348 25 Sep/sep 2001 JP (25.09.2001)
- (30) 2002-141959 16 May/mai 2002 JP (16.05.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SEARCH FOR CANCER MARKER BY NOVEL SCREENING METHOD  
• NOUVEAU PROCÉDE DE CRIBLAGE DANS LA RECHERCHE D'UN MARQUEUR DU CANCER
- (71) JAPAN AS REPRESENTED BY PRESIDENT OF NATIONAL CANCER CENTER [JP/JP]; 1-1, Tsukiji 5-chome, Chuo-ku, Tokyo 104-0045 (JP). ADVANCED LIFE SCIENCE INSTITUTE, INC. [JP/JP]; 10-23, Maruyamada 2-chome, Wako-shi, Saitama 351-0112 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SASAKI, Kazuki [JP/JP]; C/O National Cancer Center Research Institute, 1-1, Tsukiji 5-chome, Chuo-ku, Tokyo 104-0045 (JP). SATO, Kae [JP/JP]; C/O National Cancer Center Research Institute, 1-1, Tsukiji 5-chome, Chuo-ku, Tokyo 104-0045 (JP). YAMAGUCHI, Ken [JP/JP]; C/O National Cancer Center Research Institute, 1-1, Tsukiji 5-chome, Chuo-ku, Tokyo 104-0045 (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 IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> C07K 14/195
- (11) WO 03/027139 (13) A2
- (21) PCT/CA02/01443
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/324,449 24 Sep/sep 2001 US (24.09.2001)
- (30) 60/324,504 24 Sep/sep 2001 US (24.09.2001)
- (30) 60/326,269 1 Oct/oct 2001 US (01.10.2001)
- (30) 60/326,887 3 Oct/oct 2001 US (03.10.2001)
- (30) 60/339,560 24 Oct/oct 2001 US (24.10.2001)
- (30) 60/337,471 25 Oct/oct 2001 US (25.10.2001)
- (30) 60/340,002 26 Oct/oct 2001 US (26.10.2001)
- (30) 60/340,000 26 Oct/oct 2001 US (26.10.2001)
- (30) 60/340,027 26 Oct/oct 2001 US (26.10.2001)
- (30) 60/341,767 18 Dec/déc 2001 US (18.12.2001)
- (30) 60/344,307 21 Dec/déc 2001 US (21.12.2001)

- (30) 60/343,946 27 Dec/déc 2001 US (27.12.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • NOVEL PURIFIED POLYPEPTIDES INVOLVED IN MEMBRANE BIOSYNTHESIS  
• NOUVEAUX POLYPEPTIDES PURIFIÉES IMPLIQUES DANS LA BIOSYNTHESE MEMBRANAIRE
- (71) AFFINIUM PHARMACEUTICALS, INC. [CA/CA]; 100 University Avenue, 10th Floor, South Tower, Toronto, Ontario M5J 1V6 (CA). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EDWARDS, Aled [CA/CA]; 21 Sutherland Drive, Toronto, Ontario M4G 1H1 (CA). DHARAMSI, Akil [CA/CA]; 29 Moresby Street, Richmond Hill, Ontario L4B 4K9 (CA). VEDADI, Masoud [CA/CA]; 178 Northwood Drive, Toronto, Ontario M2M 2K3 (CA). ALAM, Muhammad, Zahoor [PK/CA]; #11-440 Malaga Road, Oshawa, Ontario L1J 1N8 (CA). AWREY, Donald [CA/CA]; 2211 Stir Crescent, Mississauga, Ontario L4Y 3V2 (CA). BEATTIE, Bryan [CA/CA]; 2224 Vista Oak Road, Oakville, Ontario L6M 3L7 (CA). CANADIEN, Veronica [CA/CA]; 9 Elmsdale Road, Apt. 405, Toronto, Ontario M4J 3M3 (CA). DOMAGALA, Megan [CA/CA]; #135-815 Hillcrest Ave., Mississauga, Ontario L5B 4B1 (CA). HOUSTON, Simon [GB/CA]; 100 Vaughan Road, Apt. 29, Toronto, Ontario M6C 2M1 (CA). KANAGARAJAH, Dhushy [CA/CA]; #1402-4450 Tucana Court, Mississauga, Ontario L5R 3R4 (CA). LI, Qin [CA/CA]; 3455 Rue Durocher, Apt. 314, Montreal, Québec H2X 2C9 (CA). MANSOURY, Kamran [CA/CA]; 44 Gerard Street, #1408, Toronto, Ontario M5G 2K2 (CA). MCDONALD, Merry-Lynn [CA/CA]; 24 Sayor Drive, Ajax, Ontario P3E 1R7 (CA). NECAKOV, Sasha [CA/CA]; 530 Brunswick Avenue, Toronto, Ontario M5R 2Z5 (CA). NG, Ivy [CA/CA]; 33 Isabella Street, Suite 2115, Toronto, Ontario M4Y 2P7 (CA). PINDER, Benjamin [CA/CA]; 181 Brunswick Ave., Apt. 1A, Toronto, Ontario M5S 2M4 (CA). SHELDRIK, Bay [CA/CA]; 33 Orchardview Blvd., Apt. 307, Toronto, Ontario M4R 2E9 (CA). VALLEE, Francois [FR/CA]; 490 Eglinton Avenue East, Apt. 405, Toronto, Ontario M4P 1M4 (CA). VIOLA, Cristina [CA/CA]; 160 Royal Valley Drive, Caledon, Ontario L7C 1B7 (CA). WREZEL, Olga [CA/CA]; The Credit Woodlands, #3514, Mississauga, Ontario L5C 2K6 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K 14/195, C12N 5/10, A61K 39/112, C12N 15/09, A61K 38/16, C07K 16/12, G01N 33/53, C12Q 1/68

(11) WO 03/027140 (13) A2

(21) PCT/GB02/04333

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 0123170.3 26 Sep/sep 2001 GB (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • GENES, PROTEINES, AND THEIR USE  
• GENES, PROTEINES, ET UTILISATION

(71) MICROSCIENCE LIMITED [GB/GB]; 545 Eskdale Road, Winnersh Triangle, Wokingham, Berkshire RG41 5TU (GB).

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

(72, 75) DOUGAN, Gordon [GB/GB]; Micro-science Limited, 545 Eskdale Road, Winnersh Triangle, Wokingham, Berkshire RG41 5TU (GB).

(74) GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K 14/415, C12N 15/29, 5/10

(11) WO 03/027141 (13) A1

(21) PCT/NZ02/00200

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 514547 28 Sep/sep 2001 NZ (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PLANT POLYPEPTIDES AND POLYNUCLEOTIDES ENCODING SAME

• POLYPEPTIDES DE VEGETAUX ET POLYNUCLEOTIDES CODANT POUR CEUX-CI

(71) THE HORTICULTURE AND FOOD RESEARCH INSTITUTE OF NEW ZEALAND LIMITED [NZ/NZ]; Corporate Office, Tennent Drive, Private Bag 11030, Palmerston North (NZ).

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

(71, 72) STANLEY, Duncan, [NZ/NZ]; 12 Phoebe Meikle Place, Torbay, Auckland (NZ).

(72, 75) MACRAE, Elspeth, Ann, [NZ/NZ]; The Horticulture and Food Research Institute of New Zealand Limited, 120 Mt Albert Road, Mt Albert, Auckland (NZ).

(74) CALHOUN, Douglas C A J Park et al. / etc.; 6th Floor Huddart Parker Building, 1 Post Office Square, Post Office Square, PO Box 949, 6015 Wellington (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07K 14/47, C12N 5/10, 15/12, 15/63, C12Q 1/02, G01N 33/53

(11) WO 03/027142 (13) A1

(21) PCT/JP02/09626

(22) 19 Sep/sep 2002 (19.09.2002)

(25) ja (26) ja

(30) 2001/288278 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NOVEL G PROTEIN-COUPLED RECEPTOR

• NOUVEAU RECEPTEUR COUPLE A LA PROTEINE G

(71) YAMANOUCHI PHARMACEUTICAL CO., LTD. [JP/JP]; 3-11, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-8411 (JP).

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

(72, 75) MATSUMOTO, Shunichiro [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). TAKASAKI, Jun [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). KURAMA, Takeshi [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). SAITO, Tetsu [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). KAMOHARA, Masazumi [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). SOGA, Takatoshi [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). HIYAMA, Hideki [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP).

(74) NAGAI, Shozo et al. / etc.; c/o Yamanouchi Pharmaceutical Co., Ltd., Patent Department, 17-1, Hasune 3-chome, Itabashi-ku, Tokyo 174-8612 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K 14/47

(11) WO 03/027143 (13) A2

(21) PCT/JP02/09876

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 60/324,261 25 Sep/sep 2001 US (25.09.2001)

(30) 60/391,666 26 Jun/juin 2002 US (26.06.2002)

(30) 2,399,569 23 Aug/août 2002 CA (23.08.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • GENE AND PROTEIN RELATING TO HEPATOCELLULAR CARCINOMA

• GENE ET PROTEINE LIES AU CARCINOME HEPATOCELLULAIRE

(71) JAPAN as represented by THE PRESIDENT OF THE UNIVERSITY OF TOKYO [JP/JP]; 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 113-8654 (JP). ONCOTHERAPY SCIENCE, INC. [JP/JP]; 3-16-13, Shirokanedai, Minato-ku, Tokyo 108-0071 (JP).

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

(72, 75) NAKAMURA, Yusuke [JP/JP]; 17-33, Azamino 1-chome, Aoba-ku, Yokohama-shi, Kanagawa 225-0011 (JP). FURUKAWA, Yoichi [JP/JP]; 10-40, Miyazaki 3-chome, Miyamae-ku, Kawasaki-shi, Kanagawa 216-0033 (JP).

(74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K 14/47, C12N 9/12, C07K 16/40

(11) WO 03/027144 (13) A1

(21) PCT/JP02/09914

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001-292953 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ENZYME PHOSPHORYLATING Ser46 OF p53

- ENZYME PHOSPHORYLANT UN RESIDU SER46 DE LA PROTEINE P53
- (71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 4-1-8, Honcho, Kawaguchi-shi, Saitama 332-0012 (JP). JAPAN AS REPRESENTED BY PRESIDENT OF NATIONAL CANCER CENTER [JP/JP]; 5-1-1, Tsukiji, Chuo-ku, Tokyo 104-0045 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAYA, Yoichi [JP/JP]; Maison d'Or Kay 203, 1-10-20, Okusawa, Setagaya-ku, Tokyo 158-0083 (JP). TANAKA, Tomoaki [JP/JP]; 1049-1, Negino, Tomisato-cho, Inba-gun, Chiba 286-0205 (JP). NAKAMURA, Yusuke [JP/JP]; 1-17-33, Azamino, Aoba-ku, Yokohama-shi, Kanagawa 225-0011 (JP). ARAKAWA, Hirofumi [JP/JP]; 4-19-20-1206, Imagawa, Suginami-ku, Tokyo 167-0035 (JP).
- (74) SHIMODA, Akira et al. / etc.; 7th Floor, Okano building, 41-12, Kabukicho 2-chome, Shinjuku-ku, Tokyo 160-0021 (JP).
- (81) CA US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> C07K 14/47, C12N 15/12, 1/21, 1/15, 1/19, 5/10, A01K 67/027, G01N 33/50, 33/53, 33/577, C12Q 1/02
- (11) WO 03/027145 (13) A1  
(21) PCT/JP02/09959  
(22) 26 Sep/sep 2002 (26.09.2002)  
(25) ja (26) ja  
(30) 2001-294794 26 Sep/sep 2001 JP (26.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CELL DEATH INDUCER, CELLS AND ANIMALS EXPRESSING THE SAME AND METHOD OF SCREENING ANTI-CELL DEATH REMEDY  
• INDUCTEUR DE MORT CELLULAIRE, CELLULES ET ANIMAUX EXPRI-MANT CET INDUCTEUR, ET PROCEDE DE CRIBLAGE DE MEDICAMENT ANTI-MORT CELLULAIRE
- (71) RIKEN [JP/JP]; 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKAHASHI, Ryosuke [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP). SUZUKI, Yasuyuki [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP). IMAI, Yuzuru [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP). TAKIO, Koji [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP). NAKAYANA, Hiroshi [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07K 14/52, A61K 38/19, A61P 1/16
- (11) WO 03/027146 (13) A1  
(21) PCT/ES02/00445  
(22) 20 Sep/sep 2002 (20.09.2002)  
(25) es (26) es  
(30) P 200102120 21 Sep/sep 2001 ES (21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • USE OF CARDIOTROPHIN IN HEPATIC DISEASES  
• UTILISATION DE LA CARDIOTROPHINE DANS LES MALADIES HEPATIQUES
- (71) FUNDACION PARA LA INVESTIGACION MEDICA APLICADA [ES/ES]; Avda. Pio XII, 53, E-31008 Pamplona (ES).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BUSTOS DE ABAJO, Matilde [ES/ES]; Avda. Pio XII, 53, E-31008 Pamplona (ES). PRIETO VALTUEÑA, Jesús [ES/ES]; Avda. Pio XII, 53, E-31008 Pamplona (ES). LASARTE SAGASTIBELZA, Juan, José [ES/ES]; Avda. Pio XII, 53, E-31008 Pamplona (ES). BAIXERAS LLANO, Elena [ES/ES]; Avda. Pio XII, 53, E-31008 Pamplona (ES).
- (74) ELZABURU, Alberto, de; Miguel Angel, 21, E-28010 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 ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07K 14/745
- (11) WO 03/027147 (13) A2  
(21) PCT/DK02/00635  
(22) 26 Sep/sep 2002 (26.09.2002)  
(25) en (26) en  
(30) PA 2001 01413 27 Sep/sep 2001 DK (27.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HUMAN COAGULATION FACTOR VII POLYPEPTIDES  
• POLYPEPTIDES DE FACTEUR VII DE COAGULATION HUMAIN
- (71) NOVO NORDISK A/S [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).
- (72) PERSSON, Egon; 72 Regementsgatan, S-217 51 Malmö (SE). OLSEN, Ole, Hvilsted; 38 Bækkeskovvej, DK-2700 Bronshøj (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 GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07K 14/765
- (11) WO 03/027148 (13) A1  
(21) PCT/KR02/01787  
(22) 19 Sep/sep 2002 (19.09.2002)  
(25) en (26) en  
(30) 2001/59413 25 Sep/sep 2001 KR (25.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DISULFIDE-REDUCED NEOGALACTOSYL SERUM ALBUMIN AND USE OF RADIOLABELED DERIVATIVE THEREOF FOR LIVER IMAGING  
• SERUM-ALBUMINE DE NEOGALACTOSYL A REDUCTION BISULFURE ET UTILISATION DE SON DERIVE RADIOMARQUE DANS L'IMAGERIE DU FOIE
- (71, 72) JEONG, Jae, Min [KR/KR]; #213-106 Hanjin Apt., Donam-dong, Sungbuk-ku, Seoul 136-753 Seoul (KR). LEE, Jaetae [KR/KR]; #102-1405 Halla Apt., Bumbom-dong, Soosung-ku, Taegu 706-766 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07K 16/18, A61K 39/395, C12N 5/16, C12P 21/08, G01N 33/53
- (11) WO 03/027149 (13) A1  
(21) PCT/JP02/09557  
(22) 18 Sep/sep 2002 (18.09.2002)  
(25) ja (26) ja  
(30) 2001-285853 19 Sep/sep 2001 JP (19.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)



(54) • ANTIBODY AND USE OF THE SAME  
• ANTICORPS ET UTILISATION DE CE DERNIER

(71) TAKEDA CHEMICAL INDUSTRIES, LTD. [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).  
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(72, 75) MATSUMOTO, Hirokazu [JP/JP]; 35-10, Kasuga 2-chome, Tsukuba-shi, Ibaraki 305-0821 (JP). HORIKOSHI, Yasuko [JP/JP]; 37-4-205, Kasuga 2-chome, Tsukuba-shi, Ibaraki 305-0821 (JP). KITADA, Chieko [JP/JP]; 2-8, Minamikoyochō 1-cho, Sakai-shi, Osaka 590-0073 (JP). OHTAKI, Tetsuya [JP/JP]; Takeda Kasuga Haitzu 802, 7-9, Kasuga 1-chome, Tsukuba-shi, Ibaraki 305-0821 (JP).

(74) KOBAYASHI, Hiroshi et al. / etc.; Fukuoka Bldg. 9th Fl., 8-7, Yaesu 2-chome, Chuo-ku, Tokyo 104-0028 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07K 16/18, C12P 21/08, C12N 5/18, A61K 39/395, G01N 33/577, 33/53 // C12N 15/09

(11) WO 03/027150 (13) A1

(21) PCT/JP02/09840

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001-294528 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ANTIBODY AND USE THEREOF  
• ANTICORPS ET SON UTILISATION

(71) TAKEDA CHEMICAL INDUSTRIES, LTD. [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MATSUMOTO, Hirokazu [JP/JP]; 35-10, Kasuga 2-chome, Tsukuba-shi, Ibaraki 305-0821 (JP). HORIKOSHI, Yasuko [JP/JP]; 37-4-205, Kasuga 2-chome, Tsukuba-shi, Ibaraki 305-0821 (JP). KITADA, Chieko [JP/JP]; 2-8, Minamikoyochō 1-cho, Sakai-shi, Osaka 590-0073 (JP). OHTAKI, Tetsuya [JP/JP]; 802 Kasugahaitzu, 7-9, Kasuga 1-chome, Tsukuba-shi, Ibaraki 305-0821 (JP).

(74) KOBAYASHI, Hiroshi et al. / etc.; Fukuoka Bldg. 9th Fl., 8-7, Yaesu 2-chome, Chuo-ku, Tokyo 104-0028 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K 16/18, C12N 15/13, 5/10, A61K 39/395, 39/395, A61P 29/00, 19/02, 37/02

(11) WO 03/027151 (13) A1

(21) PCT/JP02/09868

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001-290700 25 Sep/sep 2001 JP (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • RECOMBINANT ANTI-OSTEOPONTIN ANTIBODY AND USE THEREOF

• ANTICORPS RECOMBINANT ANTI-OSTEOPONTINE ET SON UTILISATION

(71) IMMUNO-BIOLOGICAL LABORATORIES CO., LTD. [JP/JP]; 1091-1, Naka Aza Higashida, Fujioka-shi, Gunma 375-0005 (JP). FUJISAWA PHARMACEUTICAL CO., LTD. [JP/JP]; 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP).

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(72, 75) UEDE, Toshimitsu [JP/JP]; 8-2, Shinceigojyou 3-chome, Kiyota-ku, Sapporo-shi, Hokkaido 004-0835 (JP). KON, Shigeyuki [JP/JP]; c/o IMMUNO-BIOLOGICAL LABORATORIES CO., LTD., 1091-1, Naka Aza Higashida, Fujioka-shi, Gunma 375-0005 (JP). YAMAMOTO, Nobuchika [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). HIGUCHI, Hirofumi [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). TORIKAI, Masaharu [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). TOKIEDA, Yoshiyuki [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). 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). MAEDA, Hiroaki [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).

(74) ONO, Nobuo et al. / etc.; Mitobe Bldg. 4F, 1-13-1, Kandaizumi-cho, Chiyoda-ku, Tokyo 101-0024 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08F 2/46

(11) WO 03/027152 (13) A1

(21) PCT/US02/31252

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 60/326,048 28 Sep/sep 2001 US (28.09.2001)

(30) 10/260,510 27 Sep/sep 2002 US (27.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PLASMA CROSS-LINKED HYDROPHILIC COATING

• REVETEMENT HYDROPHILE RETICULE PAR PLASMA

(71) BIOSURFACE ENGINEERING TECHNOLOGIES, INC. [US/US]; 387 Technology Drive, Suite 3119, College Park, MD 20742-3371 (US).

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

(72, 75) ZAMORA, Paul, O. [US/US]; 18321 Winter Park Court, Gaithersburg, MD 20879 (US). CHEN, Meng [US/US]; 2829 Schubert Drive, Silver Springs, MD 20904 (US). OSAKI, Shigemasa [US/US]; 2221 East Klosters Circle, Sandy, UT 84093 (US). HSIEH, Ting-Ting [US/US]; 425 East Acoma Road, Midvale, UT 84047 (US). TSANG, Ray [US/US]; 1928 Sir Timothy Avenue, Salt Lake City, UT 84116 (US).

(74) SLUSHER, Stephen, A.; Peacock, Myers & Adams, P.C., P.O. Box 26927, Albuquerque, NM 87125-6927 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL

PT SE 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 03/027153 (13) A1

(21) PCT/JP02/09708

(22) 20 Sep/sep 2002 (20.09.2002)

(25) ja (26) ja

(30) 2001-289846 21 Sep/sep 2001 JP (21.09.2001)

(30) 2002-148921 23 May/mai 2002 JP (23.05.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • RADICAL POLYMERIZATION CATALYSTS AND ADHESIVE KIT FOR DENTAL USE

• CATALYSEURS DE POLYMERISATION RADICALAIRE ET ENSEMBLE ADHESIF D'USAGE DENTAIRE

(71) TOKUYAMA CORPORATION [JP/JP]; 1-1, Mikage-cho, Tokuyama-shi, Yamaguchi 745-0053 (JP). TOKUYAMA DENTAL CORPORATION [JP/JP]; 38-9, Taito 1-chome, Taito-ku, Tokyo 110-0016 (JP).

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(72, 75) OGURI, Makoto [JP/JP]; c/o Tokuyama Dental Corporation, 40, Wadai, Tsukuba-shi, Ibaraki 300-4247 (JP). KAZAMA, Hideki [JP/JP]; c/o Tokuyama Dental Corporation, 40, Wadai, Tsukuba-shi, Ibaraki 300-4247 (JP). KIMURA, Mikio [JP/JP]; c/o Tokuyama Dental Corporation, 40, Wadai, Tsukuba-shi, Ibaraki 300-4247 (JP). FUZINAMI, Kyouchi [JP/JP]; c/o Tokuyama Dental Corporation, 40, Wadai, Tsukuba-shi, Ibaraki 300-4247 (JP). SATOH, Takeshi [JP/JP]; c/o Tokuyama Dental Corporation, 40, Wadai, Tsukuba-shi, Ibaraki 300-4247 (JP).

(74) TAKAHATA, Yasuyo; Room 1004, Maison-Sunshine, 1-4, Higashi-Ikebukuro 3-chome, Toshima-ku, Tokyo 170-0013 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> C08F 8/00

(11) WO 03/027154 (13) A1

(21) PCT/GB02/04344

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 0123232.1 26 Sep/sep 2001 GB (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • POLYMERS WITH STRUCTURE-DEFINED FUNCTIONS

• POLYMERES A FONCTIONS DEFINIES PAR LA STRUCTURE

(71) SMITH & NEPHEW PLC [GB/GB]; 15 Adam Street, London WC2N 6LA (GB).

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

(72, 75) GREENER, Bryan [GB/GB]; 9 Bech Close, Elvington, York, YO41 4BG (GB).

(74) DRAGGET, Peter T; Group Patents & Trade Marks Dept., Smith & Nephew Group Research Centre, York Science Park, Heslington, York, YO10 5DF (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08F 220/00

(11) WO 03/027155 (13) A1

(21) PCT/US02/30761

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/325,242 27 Sep/sep 2001 US (27.09.2001)

(30) 10/237,357 9 Sep/sep 2002 US (09.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COPOLYMERS COMPRISING LOW SURFACE TENSION (METH)ACRYLATES

• COPOLYMERES COMPRENANT DES (METH)ACRYLATES A FAIBLE TENSION SUPERFICIELLE

(71) PPG INDUSTRIES OHIO, INC. [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) OLSON, Kurt G.; 3935 Bakerstown Road, Gibsonsia, PA 15044 (US). COCA, Simion; 5646 Munhall Road, Apt. 1, Pittsburgh, PA 15217 (US). O'DWYER, James B.; 117 Spring Valley Road, Valencia, PA 16059 (US). SMITH, Joanne H.; 3229 Maine Drive, Allison Park, PA 15101 (US).

(74) UHL, William J. 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 BY BZ CA CH 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C08F 220/10, 222/40, G03F 7/032, G02B 5/20, G02F 1/1335

(11) WO 03/027156 (13) A1

(21) PCT/JP02/09780

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 2001-292075 25 Sep/sep 2001 JP (25.09.2001)

(30) 2002-098068 29 Mar/mar 2002 JP (29.03.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ALKALI-SOLUBLE MALEIMIDE COPOLYMER AND LIQUID CRYSTAL DISPLAY COMPRISING THE SAME

• COPOLYMERES DE MALEIMIDE SOLUBLE ALCALIN ET ECRAN A CRISTAUX LIQUIDES CONTENANT CE COPOLYMERES

(71) DAINIPPON PRINTING CO., LTD. [JP/JP]; 1-1, Ichigayakagacho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP). NIPPON SHOKUBAI CO., LTD. [JP/JP]; 1-1, Koraibashi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0043 (JP).

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

(72, 75) TATSUZAWA, Masahiro [JP/JP]; c/o DAINIPPON PRINTING CO., LTD., 1-1, Ichigayakagacho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP). ITO, Kiyoshi [JP/JP]; c/o DAINIPPON PRINTING CO., LTD., 1-1, Ichigayakagacho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP). HAYASHI, Shinji [JP/JP]; c/o DAINIPPON PRINTING CO., LTD., 1-1, Ichigayakagacho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP). SEGA, Shunsuke [JP/JP]; c/o DAINIPPON PRINTING CO., LTD., 1-1, Ichigayakagacho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP). SUMINO, Tomonobu [JP/JP]; c/o DAINIPPON PRINTING CO., LTD., 1-1, Ichigayakagacho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP). YAMAGUCHI, Minoru [JP/JP]; 209, Pura-netto-Yoshida, 11-1, Nishigawara 2-chome, Ibaraki-shi, Osaka 567-0023 (JP). KANEKO, Tomomasa [JP/JP]; 3C, Mansei Building, 18, Sainhigashijunwancho, Ukyo-ku, Kyoto-shi, Kyoto 615-0011 (JP). UEDA, Kenichi [JP/JP]; 9-10-206, Takashirocho, Suita-shi, Osaka 564-0024 (JP).

(74) YASUTOMI, Yasuo et al. / etc.; Chuo BLDG., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08F 236/08, 220/04, 222/02, D06M 15/693, D06N 7/00

(11) WO 03/027157 (13) A1

(21) PCT/US02/29740

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 60/324,746 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IMPROVED CARPET BACKING LATEX

• LATEX AMELIORE POUR ENVERS DE TAPIS

(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) BERGMAN, Roger, W. [US/US]; 5208 Shoal Creek Circle, Midland, MI 48642 (US). LUSSIER, Christine, M. [CA/US]; 31160 Portside Drive, Unit 5306, Novi, MI 48377 (US). SPEARS, David, A. [US/US]; 5601 Whitehall, Midland, MI 48642 (US).

(74) HAYHURST, Paul, D.; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C08F 279/00, 293/00, 122/00, B05D 5/12

(11) WO 03/027158 (13) A1

(21) PCT/US02/30683

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 09/981,419 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BLEND OF EPDM AND SBR USING AN EPDM OF DIFFERENT ORIGIN AS A COMPATIBILIZER

• MELANGE D'EPDM ET DE SBR AU MOYEN D'UN EPDM D'ORIGINE DIFFERENTE EN TANT QU'AGENT DE COMPATIBILITE

(71) COOPER TECHNOLOGY SERVICES, LLC [US/US]; 701 Lima Avenue, Findlay, OH 45840 (US).

(72) GRAF, Hans-Joachim; 152 Delamere Avenue, Stratford, Ontario N5A 4Z5 (CA).

(74) NAUMAN, Timothy, E.; Fay, Sharpe, Fagan, Minnich &amp; McKee, LLP, 7th floor, 1100 Superior Avenue, Cleveland, OH 44114 (US).

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

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C08F 293/00

(11) WO 03/027159 (13) A2

(21) PCT/US02/30752

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 09/965,546 27 Sep/sep 2001 US  
(27.09.2001)(30) 09/965,547 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMPOSITIONS CONTAINING A LOW SURFACE TENSION (METH)ACRYLATE CONTAINING BLOCK COPOLYMER

• COMPOSITIONS CONTENANT UN COPOLYMER SEQUENCE RENFERMANT DU (METH)ACRYLATE A FAIBLE TENSION SUPERFICIELLE

(71) PPG INDUSTRIES OHIO, INC. [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) GOETZ, Jonathan, D.; 408 Primrose Drive, Sarver, PA 16055 (US). HUMBERT, Kurt, A.; 206 Shaker Heights Drive, Pittsburgh, PA 15238 (US). SCHIMMEL, Karl, F.; 125 St. Rose Drive, Verona, PA 15147 (US). BARKAC, Karen, A.; 322 Oakridge Drive, Murrysville, PA 15668 (US). COCA, Simion; 5646 Munhall Road, Apt. 1, Pittsburgh, PA 15217 (US). SMITH, Joanne, H.; 3229 Maine Drive, Allison Park, PA 15101 (US).

(74) UHL, William, J.; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US) et al. / etc.

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

(51)<sup>7</sup> C08G 18/12, 18/40, 18/42, 18/48

(11) WO 03/027160 (13) A1

(21) PCT/US02/13688

(22) 30 Apr/avr 2002 (30.04.2002)

(25) en (26) en

(30) 09/918,261 30 Jul/juil 2001 US  
(30.07.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MOISTURE CURING HOT-MELT ADHESIVES  
• ADHESIFS THERMOFUSIBLES DURCISSANT A L'HUMIDITE

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

(72) TANGEN, John, C.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) BLANK, Colene, E., H. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (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 SD SE SG SI SK (Utility model / modèle d'utilité) 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 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).

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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 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)*  
*(t) for all designations / pour toutes les désignations*(51)<sup>7</sup> C08G 18/28

(11) WO 03/027161 (13) A1

(21) PCT/KR02/01820

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 2001-0060714 28 Sep/sep 2001 KR  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMPOSITION FOR PREPARING RIGID POLYURETHANE FOAM HAVING GOOD DEMOLDING PROPERTY

• COMPOSITION CONÇUE POUR LA PREPARATION D'UNE MOUSSE RIGIDE DE POLYURETHANE PRESENTANT UNE BONNE PROPRIETE DE DEMOULAGE

(71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, 150-010 Seoul (KR).

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

- (72, 75) **CHO, Hyun-Keun** [KR/KR]; Dong-sung Apt. 113-607, Sapa-Dong, 641-550 Changwon, Kyungsangnam-Do (KR). **KIM, Ju-Hyun** [KR/KR]; Gaenari 2nd Apt. 201-708, Namyang-Dong, 641-100 Changwon, Kyungsangnam-Do (KR).
- (74) **PARK, Jang-Won**; Jewoo Bldg. 5th Floor, 200. Nonhyun-Dong, Kangnam-Ku, 135-010 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08G 18/68, 18/67, 18/08, C09D 11/00, C08L 75/16**
- (11) **WO 03/027162** (13) A1
- (21) PCT/US02/30383
- (22) **25 Sep/sep 2002 (25.09.2002)**
- (25) en (26) en
- (30) 60/324,679 **25 Sep/sep 2001** US (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **CURABLE DISPERSANTS**  
• **AGENT DISPERSANT DURCISSABLE**
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CARLSON, James G.** [US/US]; 11270 12th Street North, Lake Elmo, MN 55042 (US). **LEE, Jennifer L.** [US/US]; 4661 Stratford Lane, Eagan, MN 55123 (US). **HUNT, William J.** [US/US]; 5176 St. Croix Trail South, Afton, MN 55001 (US).
- (74) **PETERS, Carolyn, V. et al.** / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08G 18/78, C09D 175/04**
- (11) **WO 03/027163** (13) A1
- (21) PCT/JP02/09519
- (22) **17 Sep/sep 2002 (17.09.2002)**
- (25) ja (26) ja
- (30) 2001-287773 **20 Sep/sep 2001** JP (20.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **POLYISOCYANATE COMPOSITION HAVING ALLOPHANATE GROUP AND HIGH-SOLID COATING MATERIAL**  
• **COMPOSITION POLY-ISOCYANATE POSSEDANT UN GROUPE ALLOPHANATE ET MATERIAU DE REVETEMENT A HAUTE TENEUR EN SOLIDES**
- (71) **ASAHI KASEI KABUSHIKI KAISHA** [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-8205 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WATANABE, Shinichiro** [JP/JP]; Asahikasei Kamiookashataku 1-301, 3-1-1, Okubo, Konan-ku, Yokohama-shi, Kanagawa 233-0007 (JP). **NAOI, Kunio** [JP/JP]; 5-24-6, Shonantakatori, Yokosuka-shi, Kanagawa 237-0066 (JP).
- (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 BY BZ CA CH CN CO CR 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08G 59/20, C09D 163/00, 133/14**
- (11) **WO 03/027164** (13) A1
- (21) PCT/JP02/09629
- (22) **19 Sep/sep 2002 (19.09.2002)**
- (25) ja (26) ja
- (30) 2001-286006 **20 Sep/sep 2001** JP (20.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **CURABLE RESIN COMPOSITION**  
• **COMPOSITION DE RESINE POLYMERISABLE**
- (71) **KANSAI PAINT CO., LTD.** [JP/JP]; 33-1, Kanzaki-cho, Amagasaki-shi, Hyogo 661-8555 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **YAMADA, Hideyuki** [JP/JP]; 2-41-21-B-301, Unoki, Ota-ku, Tokyo 146-0091 (JP). **SAIKA, Masaaki** [JP/JP]; 3-8-59-31, Higashi-Shindo, Hiratsuka-shi, Kanagawa 254-0017 (JP). **SUGAI, Hideo** [JP/JP]; 3-8-54-24, Higashi-Shindo, Hiratsuka-shi, Kanagawa 254-0017 (JP).
- (74) **ODAJIMA, Heikichi et al.** / etc.; Oda-jima Patent Office, Nippon Jitensha Bldg., 9-15, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) CA JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> **C08G 63/19, C08K 5/11, C08L 69/00, C09D 5/08, 163/02, C08G 8/28, 12/26, 59/14, 59/40**
- (11) **WO 03/027165** (13) A1
- (21) PCT/EP02/10100
- (22) **10 Sep/sep 2002 (10.09.2002)**
- (25) de (26) de
- (30) 101 46 697.8 **21 Sep/sep 2001** DE (21.09.2001)
- (30) 102 24 616.5 **4 Jun/juin 2002** DE (04.06.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **POLYCARBONATE COMPOSITION WITH A MODIFIED IMPACT RESISTANCE**  
• **COMPOSITION DE POLYCARBONATE A RESILIENCE MODIFIEE**
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SEIDEL, Andreas** [DE/DE]; Birnenweg 5, 41542 Dormagen (DE). **ECKEL, Thomas** [DE/DE]; Pfauenstr. 51, 41540 Dormagen (DE). **WITTMANN, Dieter** [DE/DE]; Ernst-Ludwig-Kirchner-Str. 41, 51375 Leverkusen (DE).
- (74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (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 SI 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 IE IT LU MC NL PT SE 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 SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*
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- (51)<sup>7</sup> **C08G 63/87, C08J 5/00, D01F 6/62**
- (11) **WO 03/027166** (13) A1
- (21) PCT/JP02/09582

- (22) 18 Sep/sep 2002 (18.09.2002)
- (25) ja (26) ja
- (30) 2001-286766 20 Sep/sep 2001 JP  
(20.09.2001)
- (30) 2001-312387 10 Oct/oct 2001 JP  
(10.10.2001)
- (30) 2001-313756 11 Oct/oct 2001 JP  
(11.10.2001)
- (30) 2001-362327 28 Nov/nov 2001 JP  
(28.11.2001)
- (30) 2002-153571 28 May/mai 2002 JP  
(28.05.2002)
- (30) 2002-205375 15 Jul/juil 2002 JP  
(15.07.2002)
- (30) 2002-210859 19 Jul/juil 2002 JP  
(19.07.2002)
- (30) 2002-231164 8 Aug/août 2002 JP  
(08.08.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PROCESS FOR PRODUCING POLY(ETHYLENE-AROMATIC DICARBOXYLATE ESTER) RESIN AND RESIN PRODUCT  
• PROCEDE DE PRODUCTION D'UNE RESINE DE POLY(ETHYLENE-ESTER DICARBOXYLIQUE AROMATIQUE) ET PRODUIT FORME A PARTIR DE CETTE RESINE
- (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)*
- (72, 75) MINOBE, Nobuo [JP/JP]; C/O Teijin Limited, Matsuyama Factory, 77, Kitayoshida-cho, Matsuyama-shi, Ehime 791-8041 (JP). TSUKAMOTO, Ryoji [JP/JP]; C/O Teijin Limited, Matsuyama Factory, 77, Kitayoshida-cho, Matsuyama-shi, Ehime 791-8041 (JP). YAMAMOTO, Tomoyoshi [JP/JP]; C/O Teijin Limited, Matsuyama Factory, 77, Kitayoshida-cho, Matsuyama-shi, Ehime 791-8041 (JP). KISHINO, Tomoyuki [JP/JP]; C/O Teijin Limited, Matsuyama Factory, 77, Kitayoshida-cho, Matsuyama-shi, Ehime 791-8041 (JP). ISHIIHARA, Kenichi [JP/JP]; C/O Teijin Limited, Matsuyama Factory, 77, Kitayoshida-cho, Matsuyama-shi, Ehime 791-8041 (JP).
- (74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-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 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C08G 65/48, B32B 15/08
- (11) WO 03/027167 (13) A1
- (21) PCT/JP02/09633
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) ja (26) ja
- (30) 2001-287540 20 Sep/sep 2001 JP  
(20.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FUNCTIONALIZED POLYPHENYLENE ETHER  
• ETHER DE POLYPHENYLENE FONCTIONNALISE
- (71) ASAHI KASEI KABUSHIKI KAISHA [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-8205 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TOKIWA, Tetsuji [JP/JP]; 3-11-43, Fukuodai, Sodegaura-shi, Chiba 299-0261 (JP).
- (74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C08G 77/14, A61K 7/44
- (11) WO 03/027168 (13) A1
- (21) PCT/US02/30379
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) en (26) en
- (30) 60/324,570 25 Sep/sep 2001 US  
(25.09.2001)
- (30) 60/344,659 24 Dec/déc 2001 US  
(24.12.2001)
- (30) 60/351,952 25 Jan/jan 2002 US  
(25.01.2002)
- (30) 60/387,618 11 Jun/juin 2002 US  
(11.06.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SILICONE BASED ULTRAVIOLET ABSORBING AND/OR SCATTERING COMPOUNDS AND ASSOCIATED FORMULATIONS COMPRISING THE SAME  
• COMPOSES A BASE DE SILICONE ABSORBANT ET/OU DIFFUSANT L'ULTRAVIOLET ET FORMULATIONS CORRESPONDANTES COMPRENANT LESDITS COMPOSES
- (71, 72) SILVER, Michael, E. [US/US]; 4734 56th Street SW, Grandville, MI 49418 (US).
- (74) KING, William, L. III et al. / etc.; King & Jovanovic, PLC, 305 Hooper Boulevard, Suite 300, Holland, MI 49423 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> C08J 3/12, 3/03, F26B 3/12
- (11) WO 03/027170 (13) A1
- (21) PCT/EP02/10380
- (22) 16 Sep/sep 2002 (16.09.2002)
- (25) de (26) de
- (30) 101 45 663.8 15 Sep/sep 2001 DE  
(15.09.2001)
- (30) 102 03 045.6 26 Jan/jan 2002 DE  
(26.01.2002)
- (30) 102 41 305.3 4 Sep/sep 2002 DE  
(04.09.2002)
- (61) 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C08G 81/00, A61K 9/51
- (11) WO 03/027169 (13) A1
- (21) PCT/FR02/03321
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) fr (26) fr
- (30) 01/12456 27 Sep/sep 2001 FR  
(27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MATERIAL CONSISTING OF AT LEAST A BIODEGRADABLE POLYMER AND CYCLODEXTRINS  
• MATERIAU COMPOSE D'AU MOINS UN POLYMERE BIODEGRADABLE ET DE CYCLODEXTRINES
- (71) 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) GREF, Ruxandra [FR/FR]; 90, rue Anatole France, F-92290 Chatenay Malabry (FR). COUVREUR, Patrick [FR/FR]; Ibis, rue du Lac Léman, F-91140 Villebon sur Yvette (FR).
- (74) BERNASCONI, Jean 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR THE PRODUCTION OF FINE PARTICLES FROM FUSIBLE SOLIDS  
• PROCEDE DE FABRICATION DE PARTICULES FINES A PARTIR DE SOLIDES FUSIBLES
- (71) SIEMENS AXIVA GMBH & CO. KG [DE/DE]; Industriepark Hoechst, Gebäude K 801, 65926 Frankfurt (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BAUER, Ulrich [DE/DE]; Im Haindel 81, 65843 Sulzbach (DE). DRÖGEMEIER, Raimo [DE/DE]; Spechtstr. 13, 65824 Schwalbach (DE). MIENTKE-WITZ, Olaf [DE/DE]; Breslauer Str. 27, 65779 Kelkheim (DE). MÜLLER, Hubert [DE/DE]; Drosselweg 1, 65929 Frankfurt (DE). SCHOTTSTEDT, Andreas [DE/DE]; Schmelzweg 17, 65719 Hofheim am Taunus (DE). SCHWEERS, Elke [DE/DE]; Hauptstr. 55, 65812 Bad Soden (DE). MEISTER, Christine [DE/DE]; Niederhöchstädter Str. 14, 65843 Sulzbach (DE).
- (74) BERG, Peter; Siemens AG, Postfach 22 16 34, 80506 München (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> C08J 3/21 // C08L 9:06
- (11) WO 03/027171 (13) A1
- (21) PCT/US02/28354
- (22) 6 Sep/sep 2002 (06.09.2002)
- (25) en (26) en
- (30) 09/965,076 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD OF ADDING INSOLUBLE ORGANIC CHEMICALS TO STYRENE-BUTADIENE RUBBER LATEX  
• PROCEDE POUR AJOUTER DES PRODUITS CHIMIQUES ORGANIQUES INSOLUBLES A UN LATEX D'ELASTOMERE CAOUTCHOUC BUTADIENE-STYRENE
- (71) BASF CORPORATION [US/US]; Patent Department, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TAKAMURA, Koichi [JP/US]; 435 South Tryon Street, Charlotte, NC 28202 (US). GOLZAR, Babak [IR/US]; 9800 Meringue Place, Charlotte, NC 28270 (US). ADAMS, Vanessa [US/US]; 12603 Tucker Crossing Lane, Charlotte, NC 28273 (US).
- (74) SABOURIN, Anne, Gerry et al. / etc.; BASF Corporation, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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) C08J 7/04, C09D 177/00, C08L 77/00, 27/12
- (11) WO 03/027172 (13) A1
- (21) PCT/DE02/03333
- (22) 6 Sep/sep 2002 (06.09.2002)
- (25) de (26) de
- (30) 101 48 909.9 26 Sep/sep 2001 DE (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • COMPONENTS, SEMI-FINISHED PRODUCTS AND SECTIONS, CONSISTING ENTIRELY OR PARTIALLY OF PLASTIC  
• PIECES, ARTICLES SEMI-FINIS ET PROFILES, ENTIEREMENT OU PARTIELLEMENT EN MATIERE PLASTIQUE
- (71) INSTITUT FÜR POLYMER-FORSCHUNG DRESDEN E.V. [DE/DE]; Hohe Str. 6, 01069 Dresden (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LEHMANN, Dieter [DE/DE]; Elsa-Brandström-Weg 7, 01640 Coswig (DE). HUPFER, Bernd [DE/DE]; Cranachstr. 14, 01307 Dresden (DE).
- (74) RAUSCHENBACH, Marion; PF 27 01 75, Bienertstr. 15, 01172 Dresden (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C08J 9/00, 9/04, 9/14, C08L 63/00
- (11) WO 03/027173 (13) A1
- (21) PCT/US02/27036
- (22) 12 Aug/août 2002 (12.08.2002)
- (25) en (26) en
- (30) 60/324,486 24 Sep/sep 2001 US (24.09.2001)
- (30) 10/119,446 10 Apr/avr 2002 US (10.04.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HOMOPOLYMERIZED EPOXY-BASED FOAM-IN-PLACE MATERIAL  
• MATERIAU STRUCTUREL D'EXPANSION IN SITU HOMOPOLYMERISE, A BASE DE RESINE EPOXYDE
- (71) L & L PRODUCTS, INC. [US/US]; 160 McLean Drive, Romeo, MI 48065 (US).
- (72) CZAPLICKI, Michael, J.; 1035 Pointe Place, Rochester, MI 48307 (US). KOSAL, David, J.; 67903 Lake Angela Drive, Richmond, MI 48062 (US). MADAUS, Keith; 854 Cove Road, Goodwells, MI 48027 (US).
- (74) DOBRUSIN, Eric, M.; Dobrusin & Then-nisch PC, Suite 311, 401 S. Old Woodward Avenue, Birmingham, MI 48009 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C08J 9/20, 9/12, 9/14, 9/00, 9/32, H01B 1/04, 1/20, C08L 83/04
- (11) WO 03/027174 (13) A1
- (21) PCT/JP02/09590
- (22) 18 Sep/sep 2002 (18.09.2002)
- (25) en (26) en
- (30) 2001-288455 21 Sep/sep 2001 JP (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ELECTROCONDUCTIVE SILICONE RUBBER SPONGE  
• EPONGE EN ELASTOMERE DE SILICONE ELECTRO-CONDUCTEUR
- (71) DOW CORNING TORAY SILICONE CO., LTD. [JP/JP]; 1-1-3, Marunouchi, Chiyoda-ku, Tokyo 100-0005 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HIGUCHI, Kazuo [JP/JP]; c/o Dow Corning Toray Silicone Co., Ltd., Science and Technology Division, 2-2, Chigusaigaigan, Ichihara-shi, Chiba 299-0108 (JP). HONMA, Hiroshi [JP/JP]; c/o Dow Corning Toray Silicone Co., Ltd., Science and Technology Division, 2-2, Chigusaigaigan, Ichihara-shi, Chiba 299-0108 (JP). BABA, Katsuya [JP/JP]; c/o Dow Corning Toray Silicone Co., Ltd., Science and Technology Division, 2-2, Chigusaigaigan, Ichihara-shi, Chiba 299-0108 (JP). NAKAMURA, Akito [JP/JP]; c/o Dow Corning Toray Silicone Co., Ltd., Science and Technology Division, 2-2, Chigusaigaigan, Ichihara-shi, Chiba 299-0108 (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 NO NZ OM PH PL PT RO RU  
SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08K 3/00  
(11) WO 03/027175 (13) A1  
(21) PCT/US02/30971  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) en (26) en  
(30) 60/325,942 28 Sep/sep 2001 US  
(28.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FLAME RETARDANT AND UV  
ABSORPTIVE POLYMETHYL-  
METHACRYLATE NANOCOMPOS-  
ITES  
• NANOCOMPOSITES DE POLYME-  
THYLMETHACRYLATE ABSORBANT  
LES UV ET IGNIFUGES
- (71) THE RESEARCH FOUNDATION  
OF STATE UNIVERSITY OF NEW  
YORK [US/US]; P.O. Box 9, Albany, NY  
12201-0009 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) RAFAILOVICH, Miriam [US/US]; 99  
Nassau Road, Plainview, NY 18803 (US).  
SI, Mayu [CN/US]; 370 Chapin Complex,  
Stony Brook, NY 11790 (US). GOLD-  
MAN, Michael [US/US]; 5 Heather Lane,  
Lawrence, NY 11559 (US).
- (74) BARON, Ronald, J. et al. / etc.; Hoffmann &  
Baron, LLP, 6900 Jericho Turnpike, Syosset,  
NY 11791 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C08K 5/31, C08L 69/00  
(11) WO 03/027176 (13) A1  
(21) PCT/US02/22344  
(22) 10 Jul/juil 2002 (10.07.2002)  
(25) en (26) en  
(30) 09/923,630 7 Aug/août 2001 US  
(07.08.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • POLYCARBONATE RESIN COMPOSI-  
TIONS AND ARTICLES THEREFOR
- COMPOSITIONS DE RESINE POLY-  
CARBONATE ET ARTICLES DE CES  
COMPOSITIONS
- (71) GENERAL ELECTRIC COMPANY  
[US/US]; One River Road, Schenectady, NY  
12345 (US).
- (72) FISHBURN, James, Ross; 1568 New Scot-  
land Road, Slingerlands, NY 12159 (US).  
GIJZEN, Erwin, Marie, Alfred; Molen-  
straat 44, NL-4693 BK Poortvliet (NL).  
GOOSSENS, Johannes, Martinus, Dina;  
Vondellaan 66., NL-HN 4624 Bergen op  
Zoom (NL). VAN DER HEIJDEN, Walter;  
Kalmthoutsebaan 17, B-2040 Antwerpen  
(BE). VAN HOUT, Hendricus, Hubertus,  
Maria; Griepkeshof 9, NL-4661 VX Halsteren  
(NL). VERHOOGT, Hendrik; Lemmeraak  
51, NL-4617GK Bergen op Zoom (NL).
- (74) WINTER, Catherine, J. et al. / etc.; Gen-  
eral 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 NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C08L  
(11) WO 03/027177 (13) A2  
(21) PCT/KR02/01821  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) ko (26) en  
(30) 2001-0060096 27 Sep/sep 2001 KR  
(27.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • POLYACETAL RESIN COMPOSITION  
STABLE TO CHLORINE AND CHLO-  
RIDES AND ARCICLE PREPARED  
THEREFROM  
• COMPOSITION DE RESINE DE PO-  
LYACETAL STABLE VIS-A-VIS DU  
CHLORE ET DES CHLORURES ET AR-  
TICLES PREPARES A PARTIR D'UNE  
TELLE COMPOSITION
- (71) KOREA ENGINEERING PLASTICS  
CO. LTD. [KR/KR]; 450, Gongduk-2dong,  
Mapo-gu, 121-805 Seoul (KR).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) KIM, Tak-Kyu [KR/KR]; Bakdu Apt.  
982-2205, Gungnae-dong, 435-047 Gunpo,  
Gyeonggi (KR). JEONG, Chung-Ryol  
[KR/KR]; Hangaram Apt. 205-1202, 1586-5,  
Kwanyang-dong, Dongan-gu, 431-060  
Anyang, Gyeonggi (KR). SHIN, Ki-Chul  
[KR/KR]; Hanra Apt. 403-603, 1156-1,  
Ogum-dong, 435-857 Gunpo, Gyeonggi  
(KR).
- (74) CHUNG-UN PATENT & LAW FIRM;  
2nd Fl., Changsang Bldg., 1543-12, Seocho  
3-dong, Seocho-gu, 137-872 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK
- DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NO NZ OM PH PL PT RO RU  
SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C08L  
(11) WO 03/027178 (13) A2  
(21) PCT/KR02/01828  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) ko (26) en  
(30) 2001-0060252 27 Sep/sep 2001 KR  
(27.09.2001)  
(30) 2002-0058609 27 Sep/sep 2002 KR  
(27.09.2002)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • POLYIMIDE COPOLYMER AND  
METHODS FOR PREPARING THE  
SAME  
• COPOLYMER DE POLYIMIDE ET  
METHODES DE PREPARATION
- (71) LG CHEM LTD. [KR/KR]; LG Twin Tower,  
Yoido-dong 20, Youngdungpo-ku, 150-721  
Seoul (KR).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) AHN, Byeong-In [KR/KR]; 9-301 LG  
employee's apt., 381-42 Doryong-dong,  
Yuseong-gu, 305-340 Daejeon-city (KR).  
KYUNG, You-Jin [KR/KR]; 202-202  
Hansol apt., 200-1, Songkang-dong,  
Yuseong-gu, 305-503 Daejeon-city (KR).  
KO, Joo-Eun [KR/KR]; 4-606 Youwon  
apt., Dangsang-dong, Yeongdeungpo-gu,  
150-040 Seoul (KR). SONG, Heon-Sik  
[KR/KR]; 9-502 LG employee's apt., 381-42  
Doryong-dong, Yuseong-gu, 305-340 Dae-  
jeon-city (KR).
- (74) YOU ME PATENT & LAW FIRM; Teheran  
Bldg., 825-33, Yoksam-dong, Kangnam-ku,  
135-080 Seoul (KR).
- (81) CN JP US.  
(84) EP (DE FI FR GB SE).
- 
- (51)<sup>7</sup> C08L 23/20, 23/00, C08F 4/642, C08J  
5/18, B32B 27/32  
(11) WO 03/027179 (13) A1  
(21) PCT/JP02/09500  
(22) 17 Sep/sep 2002 (17.09.2002)  
(25) ja (26) ja  
(30) 2001-285506 19 Sep/sep 2001 JP  
(19.09.2001)  
(30) 2001-285507 19 Sep/sep 2001 JP  
(19.09.2001)  
(30) 2002-142465 17 May/mai 2002 JP  
(17.05.2002)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • WRAPPING FILM AND SHRINK FILM  
EACH COMPRISING BUTENE POLY-  
MER

- FILM D'EMBALLAGE ET FILM RE-TRACTABLE COMPRENANT UN POLYMER DE BUTENE
- (71) **IDEMITSU PETROCHEMICAL CO., LTD.** [JP/JP]; 6-1, Yokoami 1-chome, Sumida-ku, Tokyo 130-0015 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SERA, Masanori** [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP). **MINAMI, Yutaka** [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP). **KANAMARU, Masami** [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP).
- (74) **OHTANI, Tamotsu et al. / etc.**; Bridgestone Toranomon BLDG., 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> **C08L 25/08, 51/04, 61/06, C08K 5/5333**
- (11) **WO 03/027180** (13) A1
- (21) PCT/KR02/01682
- (22) **5 Sep/sep 2002 (05.09.2002)**
- (25) en (26) en
- (30) 2001/0060253 **27 Sep/sep 2001** KR  
(27.09.2001)
- (30) 2002/0051428 **29 Aug/août 2002** KR  
(29.08.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **STYRENIC THERMOPLASTIC RESIN COMPOSITION**
- COMPOSITION DE RESINE STYRENIQUE THERMOPLASTIQUE
- (71) **LG CHEM, LTD.** [KR/KR]; LG Twin Tower, Yoido-dong 20, Youngdungpo-ku, 150-721 Seoul (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LEE, Sung-Ho** [KR/KR]; 2-202 LG Dowon Sataek, 435 Ansan-dong, 555-050 Yeosu-city, Jeollanam-do (KR). **LEE, Chan-Hong** [KR/KR]; 102-901 Lucky Hana apt., Sinseong-dong, Yuseong-gu, 305-721 Daejeon-city (KR). **HWANG, Yong-Yeon** [KR/KR]; 7-106 Townhouse, 391 Doryong-dong, Yuseong-gu, 305-340 Daejeon-city (KR). **NAM, Ki-Young** [KR/KR]; 8-1104 Jungangheights apt., 583 Dundeok-dong, 550-760 Yeosu-city, Jeollanam-do (KR). **KIM, Tae-Hak** [KR/KR]; 1407-64, Sangyeok 3-dong, Buk-gu, 702-013 Daegu-city (KR).
- (74) **YOU ME PATENT & LAW FIRM**; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, 135-080 Seoul (KR).
- (81) CN US.
- (84) EP (DE ES GB).
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- (51)<sup>7</sup> **C08L 51/00**
- (11) **WO 03/027181** (13) A2
- (21) PCT/US02/30655
- (22) **23 Sep/sep 2002 (23.09.2002)**
- (25) en (26) en
- (30) 09/965,711 **26 Sep/sep 2001** US  
(26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **LOW GLOSS ASA RESIN**
- RESINE ASA A FAIBLE BRILLANCE
- (71) **BAYER CORPORATION** [US/US]; 100 Bayer Road, Pittsburgh, PA 15205-9741 (US).
- (72) **CHANG, Moh-Ching, Oliver**; 2465 Wedgewood Drive, Wexford, PA 15205-9741 (US). **PADWA, Allen, R.**; 87 Commodore Road, Worcester, MA 01602-2726 (US).
- (74) **PREIS, Aron et al. / etc.**; Bayer Corporation, 100 Bayer Road, Pittsburgh, PA 15205-9741 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08L 53/00, C09J 153/00**
- (11) **WO 03/027182** (13) A1
- (21) PCT/EP02/10517
- (22) **18 Sep/sep 2002 (18.09.2002)**
- (25) en (26) en
- (30) 0123027.5 **25 Sep/sep 2001** GB  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **RADIAL BLOCK COPOLYMERS AND ADHESIVES BASED THEREON WITH IMPROVED DIE-CUTTING PERFORMANCE**
- COPOLYMERES SEQUENCES RADIAUX ET ADHESIFS A BASE DE CES COPOLYMERES PRESENTANT DE MEILLEURES CARACTERISTIQUES DE DECOUPAGE A LA PRESSE
- (71) **EXXONMOBIL CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LECHAT, Jacques, Bernard** [FR/BE]; Avenue de l'Orée, 24, B-1420 Braine l'Alleud (BE). **MYERS, Michael, Oliver** [US/US]; 634 Albert Hart Drive, Baton Rouge, LO 70808 (US). **CAZENAVE, Marie-Noelle** [FR/FR]; 28, rue Ronsard, #271, F-64000 Pau (FR). **DERAIL, Christophe** [FR/FR]; Cidex 76, F-64170 Serres Saintes Marie (FR). **KAPPES, Nicolas** [FR/BE]; Rue Sainte Anne, 8, B-1000 Bruxelles (BE). **SCHROEYERS, Jurgen** [BE/BE]; Kapelstraat, 4, B-3530 Helchteren (BE).
- (74) **BAWDEN, Peter, Charles**; Bawden & Associates, 4 The Gatehouse, 2 High Street, Harpenden, Herts AL5 2TH (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C09B**
- (11) **WO 03/027184** (13) A2
- (21) PCT/US02/28024
- (30) 09/965,711 **26 Sep/sep 2001** US  
(26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **LOW GLOSS ASA RESIN**
- RESINE ASA A FAIBLE BRILLANCE
- (71) **BAYER CORPORATION** [US/US]; 100 Bayer Road, Pittsburgh, PA 15205-9741 (US).
- (72) **CHANG, Moh-Ching, Oliver**; 2465 Wedgewood Drive, Wexford, PA 15205-9741 (US). **PADWA, Allen, R.**; 87 Commodore Road, Worcester, MA 01602-2726 (US).
- (74) **PREIS, Aron et al. / etc.**; Bayer Corporation, 100 Bayer Road, Pittsburgh, PA 15205-9741 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> **C08L 53/00**
- (11) **WO 03/027183** (13) A1
- (21) PCT/JP02/09836
- (22) **25 Sep/sep 2002 (25.09.2002)**
- (25) ja (26) ja
- (30) 2001-290810 **25 Sep/sep 2001** JP  
(25.09.2001)
- (30) 2001-290811 **25 Sep/sep 2001** JP  
(25.09.2001)
- (30) 2001-290812 **25 Sep/sep 2001** JP  
(25.09.2001)
- (30) 2001-290813 **25 Sep/sep 2001** JP  
(25.09.2001)
- (30) 2001-290814 **25 Sep/sep 2001** JP  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **RESIN COMPOSITION AND MEMBER COMPRISING SAID RESIN COMPOSITION**
- COMPOSITION DE RESINE ET ELEMENT COMPRENANT CETTE COMPOSITION DE RESINE
- (71) **BRIDGESTONE CORPORATION** [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8340 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MASHITA, Naruhiko** [JP/JP]; 2810-2-307, Totsuka-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0003 (JP). **UTSUNOMIYA, Tadashi** [JP/JP]; 2-20-24, Komachi, Kamakura-shi, Kanagawa 248-0006 (JP). **SAITO, Youkou** [JP/JP]; 1899, Shimokurata-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0815 (JP).
- (74) **OHTANI, Tamotsu**; Bridgestone Toranomon BLDG., 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **C09B**
- (11) **WO 03/027184** (13) A2
- (21) PCT/US02/28024



- (22) 4 Sep/sep 2002 (04.09.2002)
- (25) en (26) en
- (30) 09/964,031 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CHARGE GENERATION LAYERS COMPRISING TYPE I AND TYPE IV TITANYL PHTHALOCYANINES
- COUCHES GENERATRICES DE CHARGES CONTENANT DES PHTHALOCYANINES DE TITANE DE TYPE I ET DE TYPE IV
- (71) LEXMARK INTERNATIONAL, INC. [US/US]; 740 West New Circle Road, Lexington, US 40550 (US).
- (72) NEELY, Jennifer, Kaye; 3284 Teton, Longmont, CO 80504 (US). RANDOLPH, Catherine, Mailhe; 7916 West Sussex Court, Longmont, CO 80503 (US).
- (74) BRADY, John, A.; Lexmark International, Inc., Intellectual Property Law Dept., 740 West New Circle Road, Lexington, KY 40550 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C09B 5/14
- (11) WO 03/027185 (13) A1
- (21) PCT/JP02/09874
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) ja (26) ja
- (30) 2001/292853 26 Sep/sep 2001 JP (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • NOVEL ANTHRAPHYRIDONE COMPOUNDS, WATER-BASE MAGENTA INK COMPOSITIONS, AND INK-JET RECORDING PROCESS
- NOUVEAUX COMPOSES ANTHRAPHYRIDONE, COMPOSITIONS D'ENCRE MAGENTA A BASE D'EAU, ET PROCEDE D'IMPRESSION A JET D'ENCRE
- (71) NIPPON KAYAKU KABUSHIKI KAISHA [JP/JP]; 11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo 102-8172 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MATSUMOTO, Hiroyuki [JP/JP]; 3-99-1-106, Nisshin-cho, Saitama-shi, Saitama 331-0044 (JP). FUJII, Katsunori [JP/JP]; 1-17-41-1104, Edobukuro, Kawaguchi-shi, Saitama 334-0075 (JP). FUJII, Takafumi [JP/JP]; 6-8-22, Kamiochiai, Saitama-shi, Saitama 338-0001 (JP). SHIRASAKI, Yasuo [JP/JP]; 61-7, Minaminakano, Saitama-shi, Saitama 330-0826 (JP).
- (74) SAEKI, Norio; 9th floor, Taka-ai Building, 15-2, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (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 SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> C09B 67/00, C09D 5/00, 7/02, 17/00, B01F 17/00
- (11) WO 03/027186 (13) A1
- (21) PCT/US02/24163
- (22) 23 Jul/juil 2002 (23.07.2002)
- (25) en (26) en
- (30) 09/963,951 25 Sep/sep 2001 US (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • POLYMERIC PIGMENT DISPERSANT UTILIZED AS A GRIND RESIN FOR PIGMENTS AND METHOD OF PREPARING THE SAME
- DISPERSANT POLYMERIQUE DE PIGMENT UTILISE EN TANT QUE RESINE DE BROYAGE POUR PIGMENTS ET PROCEDE DE PREPARATION ASSOCIEE
- (71) BASF CORPORATION [US/US]; Patent Department, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MICHALEC, Joseph [US/US]; 2320 River Run Trace, Columbus, OH 43212 (US). SWAMINATHAN, Ramesh [US/US]; 47417 Stratford Drive, Canton, MI 48187 (US). HARRIS, Paul [GB/US]; 5581 Powder Horn Drive, West Bloomfield, MI 48322-1771 (US).
- (74) SABOURIN, Anne, Gerry et al. / etc.; BASF Corporation, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
*(t) for all designations / pour toutes les désignations*
- 
- (51)<sup>7</sup> C09D 1/00, 17/00 // A61L 9/20
- (11) WO 03/027187 (13) A1
- (21) PCT/CA02/01425
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) en (26) en
- (30) 09/961,632 24 Sep/sep 2001 US (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SELF-CLEANING UV REFLECTIVE COATING
- REVETEMENT AUTONETTOYANT REFLECHISSANT LES RAYONS ULTRAVIOLETS
- (71) L2B ENVIRONMENTAL SYSTEMS INC. [CA/CA]; 143 Ferndale Drive North, Barrie, Ontario L4N 9V9 (CA).
- (72) MORROW, William, H.; c/o L2B Environmental Systems Inc., 143 Ferndale Drive North, Barrie, Ontario L4N 9V9 (CA). MCLEAN, Larry, James; c/o L2B Environmental Systems Inc., 143 Ferndale Drive North, Barrie, Ontario L4N 9V9 (CA).
- (74) SMART & BIGGAR; Attention: Ronald D. Faggetter, 438 University Avenue, Suite 1500, Box 111, Toronto, Ontario M5G 2K8 (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> C09D 1/02, B05D 7/14, C10M 169/04
- (11) WO 03/027188 (13) A1
- (21) PCT/JP02/07380
- (22) 22 Jul/juil 2002 (22.07.2002)
- (25) ja (26) ja
- (30) 2001-248288 17 Aug/août 2001 JP (17.08.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • TREATING AGENT FOR FORMING PROTECTIVE COATING AND METALLIC MATERIAL HAVING PROTECTIVE COATING
- AGENT DE TRAITEMENT SERVANT A FORMER UN REVETEMENT PROTECTEUR ET MATERIAU METALLIQUE COMPORTANT CE REVETEMENT PROTECTEUR
- (71) NIHON PARKERIZING CO., LTD. [JP/JP]; 15-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KOMIYAMA, Shinobu [JP/JP]; c/o Nihon Parkerizing Co., Ltd., 15-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP). TSUIKI, Yugo [JP/JP]; c/o Nihon Parkerizing Co., Ltd., 15-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP). SEO, Akihiro [JP/JP]; c/o Nihon Parkerizing Co., Ltd., 15-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP).
- (74) SAKAGUCHI, Shozo; Sunny Corporus 307, 5-23-19, Nishifuna, Funabashi-shi, Chiba 273-0031 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C09D 4/00, 7/12, C08J 7/18, B32B 27/30, G02B 1/10

(11) WO 03/027189 (13) A1

(21) PCT/JP02/08928

(22) 3 Sep/sep 2002 (03.09.2002)

(25) ja (26) ja

(30) 2001-267209 4 Sep/sep 2001 JP (04.09.2001)

(30) 2001-291069 25 Sep/sep 2001 JP (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COATING COMPOSITION, COATING FORMED THEREFROM, ANTI-REFLECTION COATING, ANTI-REFLECTION FILM, AND IMAGE DISPLAY DEVICE

- COMPOSITION DE REVETEMENT, REVETEMENT FORME A PARTIR DE CELLE-CI, REVETEMENT ANTIREFLET, FILM ANTIREFLET ET DISPOSITIF D'AFFICHAGE D'IMAGE

(71) DAI NIPPON PRINTING CO., LTD. [JP/JP]; 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP).

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

(72, 75) YOSHIHARA, Toshio [JP/JP]; c/o DAI NIPPON PRINTING CO., LTD., 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP). NIIMI, Takahiro [JP/JP]; c/o DAI NIPPON PRINTING CO., LTD., 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo 162-8001 (JP).

(74) KISHIMOTO, Tatsuhito et al. / etc.; Oak Building Kyobashi 4th Floor, 16-10, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0033 (JP).

(81) KR US.

Published / Publiée : (c)

(51)<sup>7</sup> C09D 5/00, 7/00, 7/02, 197/02, 133/02, 133/08, 133/10, 167/00, 101/14, 131/04

(11) WO 03/027190 (13) A1

(21) PCT/AU02/01307

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) PR 7859 24 Sep/sep 2001 AU (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MIX FREE PAINT COMPOSITION AND METHOD OF PRODUCTION THEREOF  
• COMPOSITION DE PEINTURE SANS MELANGE ET SON PROCEDE DE FABRICATION

(71) CHILMIX PTY LTD [AU/AU]; Lot 40 Charles Street, St Marys, NSW 1790 (AU).

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

(72, 75) KALTOUM, Joseph [AU/AU]; C/- Lot 40 Charles Street, St Marys, NSW 1790 (AU).

(74) WALSH, John, Richard; Walsh & Associates, Patent and Trade Mark Attorneys, P.O. Box 4306, Penrith Plaza, NSW 2750 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C09D 5/00

(11) WO 03/027191 (13) A2

(21) PCT/NL02/00623

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 2001-296789 27 Sep/sep 2001 JP (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CURABLE LIQUID RESIN COMPOSITION

- COMPOSITION DE RESINE LIQUIDE DURCISSABLE

(71) DSM N.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).

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

(72, 75) TAKASE, Hideaki [JP/JP]; 2-15-2-301, Umezono, Tsukuba, Ibaraki 305-0045 (JP). YAMAGUCHI, Yoshikazu [JP/JP]; 2-13-28-511 Kawaguchi, Tsuchiura, Ibaraki 300-0033 (JP). TANABE, Takayoshi [JP/JP]; 2-18-33-M2-1 Umezono, Tsukuba, Ibaraki 305-0045 (JP).

(74) RENKEMA, J.; DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C09D 5/03, 5/36, C09C 1/00

(11) WO 03/027192 (13) A1

(21) PCT/US02/24217

(22) 25 Jul/juil 2002 (25.07.2002)

(25) en (26) en

(30) 09/964,776 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COATING SYSTEM AND METHOD FOR COATING A SUBSTRATE WITH A POWDER-BASED COATING COMPOSITION INCLUDING A COLOR EFFECT-PROVIDING PIGMENT

- SYSTEME DE REVETEMENT ET PROCEDE DE REVETEMENT D'UN SUBSTRAT AVEC UNE COMPOSITION DE REVETEMENT A BASE DE POUDRE COMPRENANT UN PIGMENT PRODUISANT UN EFFET COLORE

(71) BASF CORPORATION [US/US]; Patent Department, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).

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

(72, 75) NORRIS, William [US/US]; 2860 Lower Ridge, Apartment No. 15, Rochester Hills, MI 48307 (US). RADEMACHER, Josef [DE/DE]; Glasuritstrasse 1, 48165 Münster-Hiltrup (DE).

(74) SABOURIN, Anne, Gerry et al. / etc.; BASF Corporation, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> C09D 5/03, 5/36, C09C 1/00

(11) WO 03/027193 (13) A1

(21) PCT/US02/24218

(22) 25 Jul/juil 2002 (25.07.2002)

(25) en (26) en

(30) 09/964,713 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CURABLE, POWDER-BASED COATING COMPOSITION INCLUDING A COLOR EFFECT-PROVIDING PIGMENT

- COMPOSITION DE REVETEMENT DURCISSABLE A BASE DE POUDRE COMPRENANT UN PIGMENT A EFFETS DE COULEUR

(71) BASF CORPORATION [US/US]; Patent Department, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).

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

(72, 75) NORRIS, William [US/US]; Apartment # 15, 2860 Lower Ridge, Rochester Hills, MI 48307 (US). RADEMACHER, Josef [DE/DE]; Glasuritstrasse 1, 48165 48165 Münster-Hiltrup (DE).

(74) **SABOURIN, Anne, Gerry et al.** / etc.; BASF Corporation, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> C09D 5/16

(11) **WO 03/027194** (13) A2

(21) PCT/DK02/00883

(22) **20 Dec/déc 2002 (20.12.2002)**

(25) en (26) en

(30) PA 2001 01926 **20 Dec/déc 2001 DK (20.12.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NON-AQUEOUS DISPERSION BASED ANTIFOULING PAINT COMPOSITION  
• DISPERSION NON AQUEUSE REPOSANT SUR UNE COMPOSITION DE PEINTURE ANTISALISSURE

(71) **J.C. HEMPEL'S SKIBSFARVE-FABRIK A/S** [DK/DK]; Lundtoftevej 150, DK-2800 Lyngby (DK). **DAI NIPPON TORYO CO., LTD.** [JP/JP]; 6-1-124, Nishikujiyo, Konohana-ku, Osaka (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OMOTO, Hiroaki** [JP/JP]; Fuji Haimu 205, 8-15 Asahicho, Nishinasuno-machi Nasu-gun Tochigi Pref. (JP). **TAKAHASHI, Toshiya** [JP/JP]; 44-36, Higashigoya, Kuroiso City Tochigi Pref. (JP). **HAYASHI, Hiroki** [JP/JP]; 281-483 Ikkucho, Nishinasuno-machi, Nasu-gun, Tochigi Pref. (JP). **TANABE, Tomohiro** [JP/JP]; Koupo cheri B203, 3-1172-4 Shimongata, Nishinasuno-machi, Nasu-gun, Tochigi-Pref. (JP). **TANABE, Hiroyuki** [JP/JP]; 1-30 Shitanoya-machi, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0047 (JP). **TAKI, Tohru** [JP/JP]; 7-1414-34, Shimongata, Nishinasuno-machi, Nasu-gun Tochigi Pref. (JP). **IWASE, Yoshiyuki** [JP/JP]; 68-27, Nishitomiya, Nishinasuno-machi, Nasu-gun Tochigi-Pref (JP). **YOKOCHI, Chugo** [JP/JP]; 4-17-8, Hoshigaoka, Hirakata-shi, Osaka 573-0013 (JP). **NISHIMOTO, Munehiro** [JP/JP]; 3-13-2A Gokencho, Nishinasuno-machi, Nasu-gun Tochigi Pref. (JP). **CODOLAR, Santiago, Arias** [ES/ES]; Entenza 62 Escalera B 3o2a, E-08015 Barcelona (ES). **PEDERSEN, Michael, Stanley** [DK/DK]; Mariendalsvej 48B, 4. tv., DK-2000 Frederiksberg (DK). **BADIA, Antoni, Sánchez** [ES/ES]; Placa Catalunya, 8 Atic 2a, Escala A, E-08830 Saint Boi de Llobregat, Barcelona (ES). **BUCHWALD, Frants** [DK/DK]; Odden Præstegård, Præstestræde 7a, DK-4583 Sjæl-lands Odde (DK).

(74) **PLOUGMANN & VINGTOFT A/S**; Sundkrogsgade 9, P.O. Box 831, DK-2100 Copenhagen Ø (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 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 (Utility model / modèle d'utilité) 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 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).

Published / Publiée : (f), (g)

(51)<sup>7</sup> C09D 7/14

(11) **WO 03/027195** (13) A1

(21) PCT/KR02/01745

(22) **18 Sep/sep 2002 (18.09.2002)**

(25) ko (26) en

(30) 2001/0060271 **27 Sep/sep 2001 KR (27.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COATING METHOD BY PHASE EQUILIBRIUM  
• PROCEDE DE REVETEMENT PAR EQUILIBRE DE PHASES

(71) **NEXSOL TECHNOLOGIES, INC.** [KR/KE]; 3rd Fl., Daeyoung Bldg., 534-26 Shinsa-Dong, Kangnam-Ku, Seoul 135-889 (KR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, Fijean** [KR/KR]; 14-607 Jinju Apartment, 20-4 Shinchon-Dong, Songpa-Ku, Seoul 138-240 (KR).

(81) AE AL AM AT AU AZ BA BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB HR HU ID IL IN IS JP KE KG KP KZ LK LT LU LV MN MX NO NZ PH PL PT RO RU SE SG SI SK TJ TM TR UA US UZ VN YU ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> C09D 9/04

(11) **WO 03/027196** (13) A1

(21) PCT/SE02/01552

(22) **2 Sep/sep 2002 (02.09.2002)**

(25) sv (26) en

(30) 0102905-7 **31 Aug/août 2001 SE (31.08.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MEANS FOR REMOVING OF PAINT FROM OBJECTS  
• PROCEDE D'ENLEVEMENT DE PEINTURE SUR DES OBJETS

(71) **STRIPP CHEMICALS AB** [SE/SE]; Ålegårdsgatan 1, S-431 50 Mölndal (SE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KARLSSON, Kjell** [SE/SE]; Växthusgatan 3, S-431 60 Mölndal (SE). **MAGNUSON, Hans** [SE/SE]; Radhusvägen 4E, S-430 50 Källered (SE).

(74) **CEGUMARK AB**; Box 53047, S-400 14 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C09D 11/00, B41M 5/00, B41J 2/01, 2/045

(11) **WO 03/027197** (13) A1

(21) PCT/JP02/09658

(22) **20 Sep/sep 2002 (20.09.2002)**

(25) ja (26) ja

(30) 2001-289435 **21 Sep/sep 2001 JP (21.09.2001)**

(30) 2001-337368 **2 Nov/nov 2001 JP (02.11.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • INK, METHOD OF INK-JET RECORDING WITH THE SAME, INK CARTRIDGE, RECORDING UNIT, AND INK-JET RECORDING APPARATUS  
• ENCRE, PROCEDE D'IMPRESSION A JET D'ENCRE UTILISANT CETTE ENCRE, CARTOUCHE A ENCRE, UNITE D'IMPRESSION ET APPAREIL D'IMPRESSION A JET D'ENCRE

(71) **RICOH COMPANY LTD.** [JP/JP]; 3-6, Nakamagome 1-chome, Oota-ku, Tokyo 143-8555 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **INOUE, TOMOHIRO** [JP/JP]; 16-15-203, Oomaru, Tuduki-ku, Yokohama-shi, Kanagawa 224-0061 (JP). **NAGAI, KIYOFUMI** [JP/JP]; 102 Fainhiru-village, 2212banchi1 Naruse, Machida-shi, Tokyo 194-0044 (JP).

(74) **TAKEI, HIDEHIKO, TAKEI & ASSOCIATES PATENT & TRADEMARK ATTORNEY**, 10th Floor, KT Shinjuku bld.2-13-5, Yoyogi, Shibuya-ku, Tokyo 151-0053 (JP).

(81) CN SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> C09D 133/06, B05D 7/26

(11) **WO 03/027198** (13) A1

(21) PCT/US02/24836

(22) **26 Jul/juil 2002 (26.07.2002)**

- (25) en (26) en  
 (30) 09/965,423 27 Sep/sep 2001 US  
 (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ACRYL CLEARCOAT REFINISH COMPOSITION  
 • COMPOSITION DE RÉNOVATION D'UN ENDUIT LUSTRÉ ACRYL
- (71) BASF CORPORATION [US/US]; Patent Department, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) RIHAN, Ali [US/US]; 6070 Atwell, Toledo, OH 43566 (US). COLYER, Emerson, Keith [US/US]; 804 Continental Drive, Waterville, OH 43566 (US).
- (74) SABOURIN, Anne, Gerry et al. / etc.; BASF Corporation, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
*(t) for all designations / pour toutes les désignations*
- 
- (51)<sup>7</sup> C09D 175/04, C08G 18/34, 18/38  
 (11) WO 03/027200 (13) A1  
 (21) PCT/US02/24162  
 (22) 23 Jul/juil 2002 (23.07.2002)
- (25) en (26) en  
 (30) 09/965,425 27 Sep/sep 2001 US  
 (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CARBOXY RESIN CROSSLINKERS  
 • AGENTS DE RETICULATION DE RESINE CARBOXY
- (71) BASF CORPORATION [US/US]; Patent Department, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GRANDHEE, Sunitha [IN/US]; 22109 Greentree, Novi, MI 48375 (US).
- (74) SABOURIN, Anne, Gerry et al. / etc.; BASF Corporation, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
*(t) for all designations / pour toutes les désignations*
- 
- (51)<sup>7</sup> C09G 1/02, C09K 3/14, H01L 21/321  
 (11) WO 03/027201 (13) A1  
 (21) PCT/US02/28616  
 (22) 6 Sep/sep 2002 (06.09.2002)
- (25) en (26) en
- (30) 09/961,934 24 Sep/sep 2001 US  
 (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • RARE EARTH SALT/OXIDIZER-BASED CMP METHOD  
 • PROCEDE DE POLISSAGE MECANICO-CHIMIQUE A BASE DE SEL DES TERRES RARES/OXYDANT
- (71) CABOT MICROELECTRONICS CORPORATION [US/US]; a Delaware corporation, 870 North Commons Drive, Aurora, IL 60504 (US).
- (72) MOEGGENBORG, Kevin, J.; 408 Russet Drive, Naperville, IL 60565 (US). BRUSIC, Vlasta; 721 Easton Avenue, Geneva, IL 60134 (US). CHERIAN, Isaac, K.; 1036 Lakestone Lane, Aurora, IL 60504 (US).
- (74) TURNER-BRIM, Phyllis, T. et al. / etc.; Legal Department, Cabot Microelectronics Corporation, 870 North Commons Drive, Aurora, IL 60504 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
*(s) for all designations / pour toutes les désignations*  
*(t) for all designations / pour toutes les désignations*
- 
- (51)<sup>7</sup> C09G 1/12  
 (11) WO 03/027202 (13) A1  
 (21) PCT/JP02/09600  
 (22) 19 Sep/sep 2002 (19.09.2002)
- (25) ja (26) ja  
 (30) 2001/292271 25 Sep/sep 2001 JP  
 (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HYDROPHILIZING WAX COMPOSITION  
 • COMPOSITION DE CIRE HYDROPHILISANTE
- (71) DAIKIN INDUSTRIES, LTD. [JP/JP]; Umeda Center Building, 4-12, Nakazakinishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) YONEI, Yasushi [JP/JP]; c/o Yodogawa-seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishihitsutuya, Settsu-shi, Osaka 566-8585 (JP). SHIMIZU, Tadao [JP/JP]; c/o Solar Co., Ltd., 1-7, Nunobiki-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-0097 (JP). KONDOH, Eiji [JP/JP]; c/o Solar Co., Ltd., 1-7, Nunobiki-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-0097 (JP).
- (74) ASAHINA, Sohta et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> C09K

(11) WO 03/027203 (13) A2

(21) PCT/US02/30824

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,419 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CONDUCTING POLYMER FOR PRE-TREATMENT OF METALLIC AND NON-METALLIC SURFACES

• POLYMERE CONDUCTEUR DESTINE AU PRETRAITEMENT DE SURFACES METALLIQUES ET NON METALLIQUES

(71) THE BOARD OF GOVERNORS FOR HIGHER EDUCATION, STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS [US/US]; 301 Promenade Street, Providence, RI 02881 (US).

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

(72, 75) YANG, Sze, C. [US/US]; 989-J Moorfield Road, Wakefield, RI 02879 (US).

(74) POWERS, Arlene, J. et al. / etc.; Samuels Gauthier &amp; Stevens, Suite 3300, 225 Franklin Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C09K 3/10, B60C 19/12, B29D 30/06 // (B29C 73/16, B29L 30/00)

(11) WO 03/027204 (13) A1

(21) PCT/JP02/09932

(22) 26 Sep/sep 2002 (26.09.2002)

(25) ja (26) ja

(30) 2001/294172 26 Sep/sep 2001 JP (26.09.2001)

(30) 2002/242366 22 Aug/août 2002 JP (22.08.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • RUBBER COMPOSITION FOR PUNCTURE-PREVENTIVE SEALANT, PNEUMATIC TIRE HAVING TACKY SEALANT LAYER, AND PROCESS FOR PRODUCING THE SAME

• COMPOSITION CAOUTCHOUTEUSE DE PATE OCCLUSIVE ANTI-CREVAISON, PNEU GARNI D'UNE TELLE COUCHE, ET PROCEDE DE PRODUCTION

(71) THE YOKOHAMA RUBBER CO., LTD. [JP/JP]; 36-11, Shimbashi 5-chome, Minato-ku, Tokyo 105-8685 (JP). HONDA GIKEN KOGYO KABUSHIKI KAISHA [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) FUKUTOMI, Takashi [JP/JP]; c/o The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-8601 (JP). SEKIGUCHI, Takumi [JP/JP]; C/O The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-8601 (JP). NAKAKITA, Issei [JP/JP]; C/O The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-8601 (JP). NAITO, Mitsuru [JP/JP]; C/O The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-8601 (JP). KOBAYASHI, Yuichi [JP/JP]; c/o The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-8601 (JP). IKEGAMI, Tetsuo [JP/JP]; C/O The Yokohama Rubber Co., Ltd. Shinshiro Plant, 1, Aza-Furuyashiki, Noda, Shinshiro-shi, Aichi 441-1343 (JP). MAKINO, Satoshi [JP/JP]; C/O KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). TOYOSHIMA, Takayuki [JP/JP]; C/O KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). MIYAWAKI, Naoya [JP/JP]; C/O KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

(74) OGAWA, Shin-ichi et al. / etc.; Ogawa, Noguchi &amp; Saika International Patent Office, Akiyama Building, 22-13, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CA CN KR US.

(84) EP (DE FR GB).

(51)<sup>7</sup> C09K 3/30, C11D 3/00, 3/08, 17/00, C23F 11/18

(11) WO 03/027205 (13) A1

(21) PCT/GB02/04277

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 0123060.6 26 Sep/sep 2001 GB (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CORROSION INHIBITORS FOR LACQUERED AND UNLACQUERED TIN PLATED AEROSOL CANISTERS

• INHIBITEURS DE CORROSION POUR BOITES AEROSOL ETAMEES LAQUEES OU NON

(71) RECKITT BENCKISER N.V. [NL/NL]; Kantoorgebouw De Appelaer, De Fruittuinen 2-12, NL-2132 NZ Hoofddorp (NL).

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

(71) RECKITT BENCKISER (UK) LIMITED [GB/GB]; 103-105 Bath Road, Slough, Berkshire SL1 3UH (GB).

(only for / seulement pour MN)

(72, 75) DE DOMINICIS, Mattia [IT/IT]; Reckitt Benckiser Italia, Piazza S. Nicolo 12/3, I-30034 Mira (IT). RIGHETTO, Zefferino [IT/IT]; Reckitt Benckiser Italia, Piazza S. Nicolo 12/3, I-30034 Mira (IT).

(74) BROWN, Andrew, Stephen; Reckitt Benckiser PLC, Group Patents Department, Dansom Lane, Hull HU8 7DS (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> C09K 5/00

(11) WO 03/027206 (13) A2

(21) PCT/US02/23320

(22) 23 Jul/juil 2002 (23.07.2002)

(25) en (26) en

(30) 09/964,175 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • REPLACEMENT REFRIGERANT FOR R410A

• REFRIGERANT DE REMPLACEMENT POUR LE REFRIGERANT R410A

(71) AMERICAN STANDARD INTERNATIONAL INC. [US/US]; 15 West 54th Street, New York, NY 10019 (US).

(72) CAWLEY, Richard, E.; 4006 Lazy Creek, Tyler, TX 75707 (US).

(74) BERES, William, J.; The Trane Company, 3600 Pammel Creek Road, La Crosse, WI 54601-7599 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C09K 5/06

(11) WO 03/027207 (13) A1

(21) PCT/US02/23960

(22) 29 Jul/juil 2002 (29.07.2002)

(25) en (26) en

(30) 2001-289591 21 Sep/sep 2001 JP (21.09.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • THERMOCONDUCTIVE COMPOSITION  
• COMPOSITION THERMOCONDUCTRICE
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) YAMAZAKI, Yoshinao [JP/JP]; 2-16-1-C1, Katsura-dai, Aoba-ku, Yokohama-city, Kanagawa 227-0034 (JP). OKADA, Mitsuhiko [JP/JP]; 22-3-301, Fuda 5-chome, Chofu-city, Tokyo 182-0024 (JP). TANZAWA, Tomoya [JP/JP]; 2-1-25-106, Minamihashimoto, Sagami-hara-shi, Kanagawa 229-1133 (JP).
- (74) HARTS, Dean M., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT (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) 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 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 SI SK (Utility model / modèle d'utilité) 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C09K 21/12, C07F 9/6574, 9/38, 9/40, C08L 63/00, C08K 5/49
- (11) WO 03/027208 (13) A1  
(21) PCT/JP02/09675  
(22) 20 Sep/sep 2002 (20.09.2002)  
(25) ja (26) ja  
(30) 2001/287580 20 Sep/sep 2001 JP (20.09.2001)  
(30) 2001/382317 14 Dec/déc 2001 JP (14.12.2001)  
(30) 2002/132302 8 May/mai 2002 JP (08.05.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PHOSPHORUS-CONTAINING CARBOXYLIC ACID DERIVATIVES, PROCESS FOR PREPARATION THEREOF, AND FLAME RETARDANTS  
• DERIVES D'ACIDE CARBOXYLIQUE CONTENANT DU PHOSPHORE, PROCÉDE DE PRÉPARATION DE CES DERIVES ET SUBSTANCES IGNIFUGÉANTES
- (71) NOF CORPORATION [JP/JP]; 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6019 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FUJIMURA, Toshinobu [JP/JP]; 4-18, Yanabenaka-machi, Handa-shi, Aichi 475-0961 (JP). WAKI, Kazunori [JP/JP]; 8, Aza-Nishimon, taketoyo-cho, Chita-gun, Aichi 470-2345 (JP). SATO, Koji [JP/JP]; 21-1-34, Aza-Kumano, Taketoyo-cho, Chita-gun, Aichi 470-2504 (JP). MIBAÉ, Shiro [JP/JP]; 8, Aza-Nishimon, Take-toyo-cho, Chita-gun, Aichi 470-2345 (JP).
- (74) OHTANI, Tamotsu; Bridgestone Toranomon BLDG., 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN JP KR SG US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> C10G 9/16
- (11) WO 03/027209 (13) A1  
(21) PCT/BE02/00142  
(22) 5 Sep/sep 2002 (05.09.2002)  
(25) en (26) en  
(30) 01203659.6 27 Sep/sep 2001 EP (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR PREVENTING FOULING AND CORROSION CAUSED BY AMMONIUM CHLORIDE AND AMMONIUM SULPHATES  
• PROCÉDE PERMETTANT DE PRÉVENIR L'ENCRASSÉMENT ET LA CORROSION PROVOQUÉS PAR DU CHLORURE D'AMMONIUM ET DES SULPHATES D'AMMONIUM
- (71, 72) VERCAMMEN, Fernand [BE/BE]; Turnhoutsebaan 183, B-2460 Kasterlee (BE).
- (74) DONNÉ, E.; Bureau M.F.J. Bockstael nv., Arenbergstraat 13, B-2000 Anzwerpen (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> C10G 71/00, C10M 105/04
- (11) WO 03/027210 (13) A1  
(21) PCT/US02/28976  
(22) 11 Sep/sep 2002 (11.09.2002)  
(25) en (26) en  
(30) 09/966,298 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • LUBE BASE OILS WITH IMPROVED STABILITY  
• HUILES DE BASE LUBRIFIANTES PRÉSENTANT UNE STABILITÉ AMÉLIORÉE
- (71) CHEVRON U.S.A. INC. [US/US]; 2613 Camino Ramon, 3rd Floor, San Ramon, CA 94583 (US).
- (72) O'REAR, Dennis, J.; 40 Upland Drive, Petaluma, CA 94952 (US).
- (74) KLAASSEN, Alan, W. et al. / etc.; Chevron-Texaco Corporation, Law Department, Post Office Box 6006, San Ramon, CA 94583-0806 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C10L 1/22, 10/04
- (11) WO 03/027211 (13) A1  
(21) PCT/JP02/09121  
(22) 6 Sep/sep 2002 (06.09.2002)  
(25) ja (26) ja  
(30) 2001-284890 19 Sep/sep 2001 JP (19.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FUEL OIL ADDITIVE AND FUEL OIL COMPOSITION  
• ADDITIF POUR CARBURANTS
- (71) NIPPON OIL CORPORATION [JP/JP]; 3-12, Nishi-shimbashi 1-chome, Minato-ku, Tokyo 105-8412 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HAJI, Katsuhiko [JP/JP]; c/o NIPPON OIL CORPORATION, 8, Chidori-Cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815 (JP). SONE, Tadahide [JP/JP]; c/o NIPPON OIL CORPORATION, 8, Chidori-Cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815 (JP). OYAMA, Koji [JP/JP]; c/o NIPPON OIL CORPORATION, 8, Chidori-Cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815 (JP).
- (74) MORITA, Nobuyuki; Watase Bldg., 5-8, Nishi-shimbashi 3-chome, Minato-ku, Tokyo 105-0003 (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 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C10M 101/04, 169/04 // (C10M 169/04, 101:04, 101:02, 105:36, 105:38, 129:72, 129:74, 143:02, 143:00, 159:08), C10N 30:00, 40:25, 60:00
- (11) WO 03/027212 (13) A1  
(21) PCT/US02/30233

- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/324,723 25 Sep/sep 2001 US (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ENVIRONMENTALLY FRIENDLY LUBRICANTS  
• LUBRIFIANTS SANS DANGER POUR L'ENVIRONNEMENT
- (71) PENNZOIL-QUAKER STATE COMPANY [US/US]; 700 Milam, P.O. Box 2967, Houston, TX 77002 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CHIU, I-Ching [US/US]; 9707 W. Airport Blvd., Houston, TX 77031 (US). GUNSEL, Selda [US/US]; 135 Green Gables Cir., The Woodlands, TX 77382 (US). LACEY, Paul [GB/US]; 15 Summer Morning Ct., The Woodlands, TX 77381 (US).
- (74) BAI, Benjamin, J.; Jenkins & Gilchrist, Suite 1800, 1100 Louisiana, Houston, TX 77002 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C10M 103/00, F16C 33/02, B22F 3/24
- (11) WO 03/027213 (13) A1
- (21) PCT/DE02/03515
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) de (26) de
- (30) 101 46 246.8 20 Sep/sep 2001 DE (20.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SHAPED BODY, ESPECIALLY A PRESSED OR SINTERED BODY COMPRISING BORON NITRIDE AND METHOD FOR INTRODUCING OR PRODUCING BORON NITRIDE IN A POROUS SHAPED BODY  
• CORPS MOULE, NOTAMMENT CORPS PRESSE OU FRITTE, COMPORTANT DU NITRURE DE BORE ET PROCÉDE POUR INTRODUIRE OU REALISER DU NITRURE DE BORE DANS UN CORPS MOULE POREUX
- (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) AICHELE, Wilfried [DE/DE]; Schuet-telaecker 12, 71364 Winnenden (DE). KOCH, Hans-Peter [DE/DE]; Schuetzenbuehlstrasse 15, 70435 Stuttgart (DE). VOGT, Andreas [DE/DE]; Kiebitzweg 8, 71272 Renningen (DE). BRINZ, Thomas [DE/DE]; Vordere Strasse 113, 73266 Bissingen Unter Der Teck (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> C10M 107/12, 143/10, C08F 210/14, 212/04, 212/08, 212/32, C07C 2/22
- (11) WO 03/027214 (13) A1
- (21) PCT/US02/29742
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) en (26) en
- (30) 60/324,082 21 Sep/sep 2001 US (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • IMPROVED SYNTHETIC HYDROCARBON LUBRICANT BASE STOCK  
• SUPPORT DE COUCHE A LUBRI-FIANT HYDROCARBURE SYNTHETIQUE AMELIORE
- (71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).
- (72) WU, Margaret, May-Som; 45 Richmond Drive, Skillman, NJ 08558 (US). DONNACHIE, Steven, Edward; 41 Maple Street, Clayton, NJ 08312 (US). CAREY, James, Thomas; 1 Vernetta Lane, Medford, NJ 08055 (US). VANN, Walter, David; 80 Carlton Avenue, Marlton, NJ 08053 (US). YANG, Norman; 2 Normandy Drive, Westfield, NJ 07090 (US). SURANA, Dilip; 122 Synnyvale Court, Somerset, NJ 08873 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C10M 141/12, C09K 15/00
- (11) WO 03/027215 (13) A2
- (21) PCT/US02/29712
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) en (26) en
- (30) 60/324,158 21 Sep/sep 2001 US (21.09.2001)
- (30) 60/335,877 15 Nov/nov 2001 US (15.11.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • IMPROVED ANTIOXYDANT ADDITIVE COMPOSITIONS AND LUBRICATING COMPOSITIONS CONTAINING THE SAME
- COMPOSITIONS D'ADDITIFS ANTIOXYDANTES AMELIOREES ET COMPOSITIONS LUBRIFIANTES CONTENANT LESDITES COMPOSITIONS ANTIOXYDANTES
- (71) R.T. VANDERBILT COMPANY, INC. [US/US]; 30 Winfield Street, P.O. Box 5150, Norwalk, CT 06856-5150 (US).
- (72) KAROL, Thomas, J.; 33 Harborview Avenue, Norwalk, CT 06854 (US). DONNELLY, Steven, G.; 24 North Drive, New Fairfield, CT 06812 (US). HIZA, Ronald, J.; 365 Spring Hill Rd., Monroe, CT 06468 (US).
- (74) LONDA, Bruce, S.; Norris, McLaughlin & Marcus P.A., 30th Floor, 220 East 42nd Street, New York, NY 10017 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C10M 163/00 // (C10M 163/00, 133:16, 133:56, 137:02, 137:10, 159:20) (C10N 10/04, 30:04, 30:06, 30:08, 40:25
- (11) WO 03/027216 (13) A1
- (21) PCT/JP02/09124
- (22) 6 Sep/sep 2002 (06.09.2002)
- (25) ja (26) ja
- (30) 2001-286865 20 Sep/sep 2001 JP (20.09.2001)
- (30) 2002-114713 17 Apr/avr 2002 JP (17.04.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • LUBRICATING OIL COMPOSITION FOR INTERNAL COMBUSTION ENGINE  
• COMPOSITION LUBRIFIANTE POUR MOTEUR A COMBUSTION INTERNE
- (71) NIPPON OIL CORPORATION [JP/JP]; 3-12, Nishi-shimbashi 1-chome, Minato-ku, Tokyo 105-8412 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SHIRAHAMA, Shinichi [JP/JP]; c/o NIPPON OIL CORPORATION, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815 (JP). YAMADA, Yasuhisa [JP/JP]; c/o NIPPON OIL CORPORATION, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815 (JP). KURIHARA, Isao [JP/JP]; c/o NIPPON OIL CORPORATION, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815 (JP).
- (74) MORITA, Nobuyuki; Watase Bldg., 5-8, Nishi-shimbashi 3-chome, Minato-ku, Tokyo 105-0003 (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 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C10M 173/02 // (C10M 173/02, 129:70,  
159:06, 129:74, 129:76, 145:36, 145:36,  
145:28, 129:06, 129:08, 129:32, 133:06,  
133:08)
- (11) WO 03/027217 (13) A1  
(21) PCT/EP02/10157  
(22) 11 Sep/sep 2002 (11.09.2002)  
(25) de (26) de  
(30) 101 46 264.6 20 Sep/sep 2001 DE  
(20.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • USE OF O/W EMULSIONS FOR CHAIN  
LUBRICATION  
• UTILISATION D'EMULSIONS H/E EN  
MATIERE DE LUBRIFICATION DE  
CHAINES
- (71) ECOLAB GMBH & CO. OHG [DE/DE];  
Reisholzer Werftstrasse 38-42, 40589 Düssel-  
dorf (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) KÜPPER, Stefan [DE/DE]; Mautpfad  
1, 40764 Langenfeld (DE). KOHLSTEDDE,  
Christina [DE/DE]; Watermann Weg 66,  
44866 Bochum (DE). SCHNEIDER,  
Michael [DE/DE]; Am Steenblek 6, 41363  
Jüchen (DE).
- (81) BR CA JP PL US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).
- (51)<sup>7</sup> C11D 3/12, 3/37, 3/43
- (11) WO 03/027218 (13) A1  
(21) PCT/US02/29556  
(22) 18 Sep/sep 2002 (18.09.2002)  
(25) en (26) en  
(30) 60/324,330 24 Sep/sep 2001 US  
(24.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • CLEANING COMPOSITION  
• COMPOSITION DE NETTOYAGE
- (71) THE PROCTER & GAMBLE COM-  
PANY [US/US]; One Procter & Gamble  
Plaza, Cincinnati, OH 45202 (US).  
(72) HUTTON, Howard, David; 6611 Oregonia  
Road, Oregon, OH 45054 (US).  
(74) REED, T., David et al. / etc.; The Procter  
& Gamble Company, 6110 Center Hill Road,  
Cincinnati, OH 45224 (US).  
(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 SD SE SG SI 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 IE IT LU MC NL  
PT SE 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 SD SE SG  
SI 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 IE IT LU MC NL PT SE SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)  
(t) for all designations / pour toutes les  
désignations

- (51)<sup>7</sup> C11D 3/37, 17/04
- (11) WO 03/027219 (13) A1  
(21) PCT/EP02/09225  
(22) 19 Aug/août 2002 (19.08.2002)  
(25) en (26) en  
(30) 0122825.3 21 Sep/sep 2001 GB  
(21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • FABRIC CARE COMPOSITION  
• COMPOSITION D'ENTRETIEN DE  
TISSU
- (71) UNILEVER PLC [GB/GB]; Unilever  
House, Blackfriars, London EC4P 4BQ  
(GB).  
(only for / seulement pour AE AG AU BB BZ  
CA CY GB GD GH GM IE IL KE LC LK LS  
MN MW NZ OM 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 NL NO PH PL  
PT RO RU SE SI SK SN TD TG TJ TM TN TR  
UA UZ VN YU)
- (71) HINDUSTAN LEVER LIMITED [IN/IN];  
Hindustan Lever House, 165/166 Backbay  
Reclamation, Maharashtra, 400 020 Mumbai  
(IN).  
(only for / seulement pour IN)
- (72, 75) COOKE, Deborah, Jane [GB/GB];  
Unilever Research Port Sunlight, Quarry  
Road East, Bebington, Wirral, Merseyside  
CH63 3JW (GB). FELTON, Julie [GB/GB];  
Unilever Research Port Sunlight, Quarry  
Road East, Bebington, Wirral, Mersey-  
side CH63 3JW (GB). PARKER, Andrew,  
Philip [GB/GB]; Unilever Research Port

- Sunlight, Quarry Road East, Bebington,  
Wirral, Merseyside CH63 3JW (GB).  
(74) ELLIOTT, Peter, William et al. / etc.;  
Unilever PLC, Patent Department, Colworth  
House, Sharnbrook, Bedford, Bedfordshire  
MK44 1LQ (GB).  
(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 SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> C11D 3/39, 17/04, D06L 3/02, 3/16
- (11) WO 03/027220 (13) A1  
(21) PCT/US02/29557  
(22) 18 Sep/sep 2002 (18.09.2002)  
(25) en (26) en  
(30) 60/323,875 21 Sep/sep 2001 US  
(21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • ARTICLE OF MANUFACTURE  
• ARTICLE DE FABRICATION
- (71) THE PROCTER & GAMBLE COM-  
PANY [US/US]; One Procter & Gamble  
Plaza, Cincinnati, OH 45202 (US).  
(72) SAKKAB, Nabil, Yaqub; Rue des Petits  
Carmes 47-49, B-1000 Brussels (BE).  
(74) REED, T., David et al. / etc.; The Procter  
& Gamble Company, 6110 Center Hill Road,  
Cincinnati, OH 45224 (US).  
(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 SD SE SG SI 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 IE IT LU MC NL  
PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*

(i) *for all designations / pour toutes les designations*

(51)<sup>7</sup> C12M 1/00, B08B 9/20

(11) WO 03/027221 (13) A1

(21) PCT/US02/29741

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 60/324,478 23 Sep/sep 2001 US (23.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CLOSED CELL WASHER

• APPAREIL DE NETTOYAGE DE CELLULES FERMEES

(71) IRM LLC [US/US]; Sofia House, 48 Church Street, Hamilton HM LX (BM).

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

(72, 75) MEYER, Andrew [US/US]; 2434 Caminito Ocean CV, Cardiff by the Sea, CA 92007 (US). DOWNS, Robert, C. [US/US]; 5795 La Jolla Corona Drive, La Jolla, CA 92037 (US). WESELAK, Mark [CA/US]; 5360 Ruelle De Mer, San Diego, CA 92130 (US). DONG, Helin [CN/US]; 436 High Street, #303, Palo Alto, CA 94301 (US). MAINQUIST, James [US/US]; 12695 Aida Street, San Diego, CA 92130 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12M 1/26, 1/28, 1/32, C12Q 1/04, B01L 3/02

(11) WO 03/027222 (13) A1

(21) PCT/SE02/01764

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,210 28 Sep/sep 2001 US (28.09.2001)

(30) 0103261-4 28 Sep/sep 2001 SE (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PIPETTE AND METHOD FOR TESTING OF LIQUID FLUIDS

• PIPETTE ET PROCÉDE D'ESSAI DE FLUIDES LIQUIDES

(71, 72) ASKNE, Martin [SE/SE]; Vesslevägen 40, S-167 67 Bromma (SE). LEVANDER, Gustav [SE/SE]; Eksåtravägen 90, S-756 55 Uppsala (SE). WOGENIUS, Staffan [SE/SE]; Tätörpsvägen 3A, S-128 31 Skarpnäck (SE).

(74) DR LUDWIG BRANN PATENTBYRÅ AB; P.O. Box 171 92, S-104 62 STOCKHOLM (SE).

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

(51)<sup>7</sup> C12M 3/00

(11) WO 03/027223 (13) A2

(21) PCT/US02/13083

(22) 25 Apr/avr 2002 (25.04.2002)

(25) en (26) en

(30) 60/286,493 25 Apr/avr 2001 US (25.04.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICES AND METHODS FOR PHARMACOKINETIC-BASED CELL CULTURE SYSTEM

• DISPOSITIFS ET PROCÉDES POUR SYSTÈME DE CULTURE CELLULAIRE PHARMACOCINETIQUE

(71) CORNELL RESEARCH FOUNDATION, INC. [US/US]; 20 Thornwood Drive, Suite 105, Ithaca, NY 14850 (US).

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(71, 72) SHULER, Michael [US/US]; 118 Homestead Circle, Ithaca, NY 14850 (US). BAXTER, Gregory, T. [US/US]; 13370 Cuesta Verde, Salinas, CA 93908 (US). SIN, Aaron [—/US]; 301 Maple Avenue, Apartment I-1, Ithaca, NY 14850 (US). MEYERS, Scott [US/US]; 213 Stone Ridge Drive, Norristown, PA 19403 (US). HARRISON, Andrew [US/CA]; 1 Richmond Street West, 8th Floor, Toronto, Ontario M5H 3W4 (CA).

(74) VIKSNINS, Ann, S.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

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

(51)<sup>7</sup> C12M 3/00, C12N 13/00, 1/18, G01N 33/48

(11) WO 03/027224 (13) A1

(21) PCT/US02/28755

(22) 9 Sep/sep 2002 (09.09.2002)

(25) en (26) en

(30) 09/961,691 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • OPTOINJECTION METHODS

• PROCÉDES D'OPTO-INJECTION

(71) ONCOSIS LLC [US/US]; Suite 111, 6199 Cornerstone Court, San Diego, CA 92121-4740 (US).

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

(72, 75) KOLLER, Manfred, R. [US/US]; 18565 Aceituno Street, San Diego, CA 92128 (US). HANANIA, Elie, G. [US/US]; 7130 Shoreline Drive, Apt. 1307, San Diego, CA 92122 (US). EISFELD, Timothy, M. [US/US]; 11161 Ice Skates Place, San Diego, CA 92126 (US). PALSSON, Bernhard, O. [US/US]; 730 Fern Glen, La Jolla, CA 92037 (US).

(74) FAN, Calvin, A. et al. / etc.; Campbell & Flores LLP, 7th floor, 4370 La Jolla Village Drive, San Diego, CA 92122 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C12N

(11) WO 03/027225 (13) A2

(21) PCT/EP02/10562

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 60/323,806 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • REGULATION OF HUMAN STEROID 5-ALPHA REDUCTASE

• REGULATION DE LA 5-ALPHA STEROIDE REDUCTASE HUMAINE

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

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

(72, 75) ZHU, Zhimin [CN/US]; 45 Hinckley Road, Waban, MA 02468 (US).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VV 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations
- 
- (51)<sup>7</sup> C12N
- (11) WO 03/027226 (13) A2
- (21) PCT/US01/50904
- (22) 27 Nov/nov 2001 (27.11.2001)
- (25) en (26) en
- (30) 00 1 27807.X 6 Dec/déc 2000 CN (06.12.2000)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • A METHOD FOR PRODUCING ANTI-BODY IN AVIAN SPECIES BY INTRAMUSCULAR INJECTION OF CODING SEQUENCE  
• PROCEDE POUR PRODUIRE UN ANTICORPS DANS DES ESPECES AVIAIRES PAR INJECTION INTRAMUSCULAIRE D'UNE SEQUENCE DE CODAGE
- (71) BIOINFORBODY, INC. [CN/CN]; 8 Jingtang Road, Tangjia, Zhuhai, Guangdong 519080 (CN).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) ZHIHAI, Ye [US/US]; 6363 Christie Avenue, Apt. 2614, Emeryville, CA 94608 (US). KE, Chuankui [CN/CN]; Bioinformbody, Inc., 8 Jingtang Road, Tangjia, Zhuhai, Guangdong 519080 (CN). NIE, Shanghai [CN/CN]; Bioinformbody, Inc., 8 Jingtang Road, Tangjia, Zhuhai, Guangdong 519080 (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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TN 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 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).
- 
- (51)<sup>7</sup> C12N
- (11) WO 03/027228 (13) A2
- (21) PCT/US02/22833
- (22) 16 Jul/juil 2002 (16.07.2002)
- (25) en (26) en
- (30) 60/306,020 17 Jul/juil 2001 US (17.07.2001)
- (30) 60/308,179 27 Jul/juil 2001 US (27.07.2001)
- (30) 60/309,702 2 Aug/août 2001 US (02.08.2001)
- (30) 60/311,476 10 Aug/août 2001 US (10.08.2001)
- 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).
- (30) 60/311,718 10 Aug/août 2001 US (10.08.2001)
- (30) 60/311,551 10 Aug/août 2001 US (10.08.2001)
- (30) 60/314,798 24 Aug/août 2001 US (24.08.2001)
- (30) 60/316,639 31 Aug/août 2001 US (31.08.2001)
- (30) 60/317,996 7 Sep/sep 2001 US (07.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • RECEPTORS AND MEMBRANE-ASSOCIATED PROTEINS  
• RECEPTEURS ET PROTEINES ASSOCIEES A UNE MEMBRANE
- (71) INCYTE GENOMICS, INC. [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LAL, Preeti, G. [US/US]; P.O. Box 5142, Santa Clara, CA 95056 (US). HONCHELL, Cynthia, D. [US/US]; 158 Laurel Street, San Carlos, CA 94070 (US). FORSYTHE, Ian, J. [US/US]; 308 Roble Avenue, Redwood City, CA 94061 (US). WALIA, Narinder, K. [US/US]; 890 Davis Street A #205, San Leandro, CA 94577 (US). TANG, Tom, Y. [US/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). BOROWSKY, Mark, L. [US/US]; 122 Orchard Avenue, Redwood City, CA 94061 (US). BARROSO, Ines [PT/GB]; 38 Eden Street, Cambridge, CB1 1EL (GB). YUE, Henry [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). WARREN, Bridget, A. [US/US]; 2250 Homestead Court #2, Los Altos, CA 94024 (US). THANGAVELU, Kavitha [IN/US]; 1950 Montecito Avenue #23, Mountain View, CA 94043 (US). GIETZ, Kimberly, J. [US/US]; 691 Los Huecos Drive, San Jose, CA 95123 (US). AZIMZAI, Yalda [US/US]; 5518 Boulder Canyon Drive, Castro Valley, CA 94552 (US). LEE, Ernestine, A. [US/US]; 20523 Crow Creek Road, Castro Valley, CA 94552 (US). BAUGHN, Mariah, R. [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). GORVAD, Ann, E. [US/US]; 369 Marie Common, Livermore, CA 94550 (US). DUGGAN, Brendan, M. [AU/US]; 243 Buena Vista Avenue #306, Sunnyvale, CA 94086 (US). TRAN, Bao [US/US]; 750 Salberg Avenue, Santa Clara, CA 95051 (US). LI, Joanna, X. [US/US]; 1264 Geneva Avenue, San Francisco, CA 94112 (US). RICHARDSON, Thomas, W. [US/US]; 616 Canyon Road #107, Redwood City, CA 94062 (US). ELLIOTT, Vicki, S. [US/US]; 3770 Polton Place Way, San Jose, CA 95121 (US). ZEBARJADIAN, Yeganeh [IR/US]; 830 Junipero Serra Boulevard, San Francisco, CA 94127 (US). TRAN, Uyen, K. [US/US]; 2638 Mabury Square, San Jose, CA 95133 (US). YAO, Monique, G. [US/US]; 1189 Woodgate Drive, Carmel, IN 46033 (US). PETERSON, David, P. [US/US]; 970 Cherry Avenue, San Jose, CA 95126 (US). LUO, Wen [CN/US]; 5003 Ruette de Mer, San Diego, CA 92130 (US). LEHR-MASON, Patricia, M. [US/US]; 360 Clarke Lane, Morgan Hill, CA 95014 (US).
- (74) HAMLET-COX, Diana et al. / etc.; 3160 Porter Drive, Palo Alto, CA 94304 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N
- (11) WO 03/027229 (13) A2
- (21) PCT/US02/23124
- (22) 19 Jul/juil 2002 (19.07.2002)
- (25) en (26) en
- (30) 09/920,663 1 Aug/août 2001 US (01.08.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ANTISENSE MODULATION OF RIP2 EXPRESSION  
• MODULATION ANTISENS DE L'EXPRESSION DE RIP2
- (71) ISIS PHARMACEUTICALS, INC. [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WARD, Donna, T. [US/US]; 41349 Magnolia Street, Murrieta, CA 92562 (US). COWSERT, Lex, M. [US/US]; 2367 West Gate Drive, Pittsburgh, PA 15237 (US).
- (74) LICATA, Jane, Massey et al. / etc.; Licata & Tyrrell P.C., 66 E. Main Street, Marlton, NJ 08053 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12N
- (11) WO 03/027230 (13) A2
- (21) PCT/US02/24649
- (22) 2 Aug/août 2002 (02.08.2002)
- (25) en (26) en
- (30) 60/310,119 3 Aug/août 2001 US (03.08.2001)
- (30) 60/309,964 3 Aug/août 2001 US (03.08.2001)
- (30) 60/313,091 17 Aug/août 2001 US (17.08.2001)
- (30) 60/316,771 31 Aug/août 2001 US (31.08.2001)
- (30) 60/317,896 7 Sep/sep 2001 US (07.09.2001)
- (30) 60/324,781 21 Sep/sep 2001 US (21.09.2001)
- (30) 60/327,606 5 Oct/oct 2001 US (05.10.2001)
- (30) 60/328,960 12 Oct/oct 2001 US (12.10.2001)
- (30) 60/344,471 9 Nov/nov 2001 US (09.11.2001)
- (30) 60/381,291 17 May/mai 2002 US (17.05.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CELL ADHESION AND EXTRACELLULAR MATRIX PROTEINS  
• PROTEINES DE MATRICE EXTRACELLULAIRE ET D'ADHESION CELLULAIRE
- (71) INCYTE GENOMICS, INC. [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BURFORD, Neil [GB/US]; 105 Wildwood Circle, Durham, CT 06422 (US). WARREN, Bridget, A. [US/US]; 1810 S. El Camino Real, #B103, Encinitas, CA 92024 (US). DUGGAN, Brendan, M. [AU/US]; 243 Buena Vista Avenue # 306, Sunnyvale, CA 94086 (US). MASON, Patricia, M. [US/US]; 360 Clarke Lane, Morgan Hill, CA 95037 (US). RICHARDSON, Thomas, W. [US/US]; 616 Canyon Road #107, Redwood City, CA 94062 (US). YUE, Henry [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). FORSYTHE, Ian, J. [US/US]; 308 Roble Avenue, Redwood City, CA 94061 (US). ELLIOTT, Vicki, S. [US/US]; 3770 Polton Place Way, San Jose, CA 95121 (US). GRIFFIN, Jennifer, A. [US/US]; 33691 Mello Way, Fremont, CA 94555 (US). GORVAD, Ann, E. [US/US]; 369 Marie Common, Livermore, CA 94550 (US). AZIMZAI, Yalda [US/US]; 5518 Boulder Canyon Drive, Castro Valley, CA 94552 (US). KALLICK, Deborah, A. [US/US]; 58 Linda Vista, Atherton, CA 94027 (US). XU, Yuming [US/US]; 1739 Walnut Drive, Mountain View, CA 94040 (US). HONCHELL, Cynthia, D. [US/US]; 158 Laurel Street, San Carlos, CA 94070 (US). BAUGHN, Mariah, R. [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). GIETZEN, Kimberly, J. [US/US]; 691 Los Huecos Drive, San Jose, CA 95123 (US). LEE, Sally [US/US]; 3643 26th Street, San Francisco, CA 94110 (US). WALIA, Narinder, K. [US/US]; 890 Davis Street A # 205, San Leandro, CA 94577 (US). TANG, Y., Tom [US/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). NGUYEN, Danniell, B. [US/US]; 4922 Arnica Court, San Jose, CA 95111 (US). BECHA, Shanya, D. [US/US]; 21062 Gary Drive # 117, Castro Valley, CA 94546 (US). LEE, Soo, Yeun [KR/US]; 40 Westdale Avenue, Daly City, CA 94015 (US). RAMKUMAR, Jayalaxmi [IN/US]; 34359 Maybird Circle, Fremont, CA 94555 (US).
- (74) HAMLET-COX, Diana et al. / etc.; Incyte Genomics, Inc., 3160 Porter Drive, Palo Alto, CA 94304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
- RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12N
- (11) WO 03/027231 (13) A2
- (21) PCT/US02/28235
- (22) 4 Sep/sep 2002 (04.09.2002)
- (25) en (26) en
- (30) 60/317,063 4 Sep/sep 2001 US (04.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • POLYNUCLEOTIDE ENCODING A NOVEL PLECKSTRIN HOMOLOGY DOMAIN AND PROLINE RICH DOMAIN CONTAINING ADAPTER PROTEIN, PMN29  
• POLYNUCLEOTIDE CODANT POUR UNE NOUVELLE PROTEINE D'ADAPTATION, PMN29, CONTENANT LE DOMAINE D'HOMOLOGIE AVEC LA PLECKSTRINE ET LE DOMAINE RICHE EN PROLINE
- (71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; P.O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FINGER, Joshua, N. [US/US]; 222 Woodland Parkway, Apt. 254, San Marcos, CA 92069 (US). PEREZ-VILLAR, Juan, J. [ES/US]; 11 Carrousel Lane, Mercerville, NJ 08619 (US). RAJASHEKAR, Rudy [IN/US]; 540 Atkinson Lane, Langhorne, PA 19047 (US). YANG, Guchen [CN/US]; One Makefield Road, Morrisville, PA 19067 (US). KIENER, Peter, A. [/]; - (US).
- (74) D'AMICO, Stephen et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12N
- (11) WO 03/027232 (13) A2
- (21) PCT/US02/28856
- (22) 12 Sep/sep 2002 (12.09.2002)
- (25) en (26) en
- (30) 09/964,120 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR PRODUCING BIOLOGICALLY ACTIVE PRODUCTS

• PROCEDE DE PRODUCTION DE PRODUITS BIOLOGIQUEMENT ACTIFS

(71, 72) SCHILLING, Marvin [US/US]; 3201 S.O. #16, Fort Smith, AR 72903 (US). FAFARD, Richard, D. [US/US]; 5410 Highland Drive, Fort Smith, AR 72903 (US).

(74) SANDT, Bernd, W.; 900 Deerfield Court, Midland, MI 48640 (US).

(81) AT AU CA CN DE DK GB IL JP NZ PT SE TR ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> C12N

(11) WO 03/027233 (13) A2

(21) PCT/US02/29256

(22) 13 Sep/sep 2002 (13.09.2002)

(25) en (26) en

(30) 60/325,052 26 Sep/sep 2001 US (26.09.2001)

(30) 10/135,960 1 May/mai 2002 US (01.05.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ISOLATION AND CULTIVATION OF MICROORGANISMS FROM NATURAL ENVIRONMENTS AND DRUG DISCOVERY BASED THEREON

• ISOLEMENT ET CULTURE DE MICROORGANISMES EN PROVENANCE D'ENVIRONNEMENTS NATURELS ET DECOUVERTE DE MEDICAMENTS QUI EN DECOULE

(71) NORTHEASTERN UNIVERSITY [US/US]; 360 Huntington Avenue, Boston, MA 02115 (US).

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(72, 75) LEWIS, Kim [US/US]; 49 Glendale Road, Newton, MA 02459 (US). EPSTEIN, Slava, S. [US/US]; 135 Bonham Road, Dedham, MA 02026 (US). KAEBERLEIN, Tammi [US/US]; 430 Nahant Road, Nahant, MA 01908 (US).

(74) HEINE, Holliday, C. et al. / etc.; Weingarten, Schurgin, Gagnebin & Lebovici, LLP, Ten Post Office Square, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT 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; (u) for / pour US only / seulement

(51)<sup>7</sup> C12N

(11) WO 03/027234 (13) A2

(21) PCT/US02/29522

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/964,276 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SMALL ORGANIC MOLECULE REGULATORS OF CELL PROLIFERATION

• REGULATEURS DE PROLIFERATION CELLULAIRE SE PRESENTANT SOUS LA FORME DE MOLECULES ORGANIQUES DE PETITES DIMENSIONS

(71) CURIS, INC. [US/US]; 61 Moulton Street, Cambridge, MA 02138 (US).

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(72, 75) BAXTER, Anthony, David [GB/GB]; 5 Millers View, Much Hadham, Bishops Stortford, Hertfordshire SG10 6BN (GB). BOYD, Edward, Andrew [GB/GB]; 61 Tamar Way, Didcot, Oxfordshire, OX11 7QH (GB). GUICHERIT, Oivin [US/US]; 28 Hamilton Road, Belmont, MA 02478 (US). PORTER, Jeffery [US/US]; 28 Sullivan Street, Lexington, MA 02420 (US). PRICE, Stephen [GB/GB]; 25 Eskdale Road, Stoke Mandeville, Aylesbury, Buckinghamshire HP225 UJ (GB). RUBIN, Lee, L. [US/US]; 2 Barnstable Road, Wellesley, MA 02481 (US). STIBBARD, John, Harry, Alexander [—/GB]; 20 Fairacres Road, Didcot, Oxfordshire OX11 8QG (GB).

(74) HALSTEAD, David, P. et al. / etc.; Ropes & Gray, One International Place, Boston, MA 02110-2624 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL

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

(51)<sup>7</sup> C12N

(11) WO 03/027235 (13) A2

(21) PCT/US02/29559

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 60/323,866 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AFAP SEQUENCES, POLYPEPTIDES, ANTIBODIES AND METHODS

• SEQUENCES AFAP, POLYPEPTIDES, ANTICORPS ET PROCEDES ASSOCIÉS

(71) WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION [US/US]; P.O. Box 6216, 201 Chestnut Ridge Research Building, Morgantown, WV 26506-6216 (US).

(72) FLYNN, Daniel, C.; 418 Shawnee Drive, Morgantown, WV 26508-0911 (US).

(74) SPAR, Elizabeth, N. et al. / etc.; Palmer & Dodge LLP, 111 Huntington Avenue, Boston, MA 02199-7613 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N

(11) WO 03/027236 (13) A2

(21) PCT/US02/29628

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 60/324,239 21 Sep/sep 2001 US (21.09.2001)

(30) 60/378,418 6 May/mai 2002 US (06.05.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEMS, METHODS AND KITS FOR REMOTE GENETIC ANALYSIS AND CONSULTATION

• SYSTEMES, METHODES ET KITS DE CONSULTATION ET D'ANALYSE GENETIQUE A DISTANCE

(71) ACCESS GENETICS, LLC [US/US]; 7550 Market Place Drive, Eden Prairie, MN 55344-3636 (US).

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- WILLIAMSON, Naomi, M. [US/US]; 1436 Royal Oaks Court, Fridley, MN 55432 (US).  
FRANKS, Aaron [US/US]; Apt. 109, 7360 Gallagher Drive, Edina, MN 55435 (US).  
SCHULDT, Robert [US/US]; 7550 Market Place Drive, Eden Prairie, MN 55344-3636 (US).
- (74) FORREST, Peter; Gray, Plant, Mooty, Mooty & Bennett, PA, P.O. Box 2906, Minneapolis, MN 55402-0906 (US).
- (81) AE AG AL AU BA BB BR BZ CA CN CO CR CU DE DK DM DZ EC GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ OM PH PL RO SG SI TN TT UA US UZ VN YU ZA.
- (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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12N
- (11) WO 03/027237 (13) A2
- (21) PCT/US02/29737
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) en (26) en
- (30) 60/324,292 24 Sep/sep 2001 US (24.09.2001)
- (30) 60/364,287 14 Mar/mar 2002 US (14.03.2002)
- (30) 60/378,585 8 May/mai 2002 US (08.05.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD OF MODULATING OR EXAMINING KU70 LEVELS IN CELLS  
• PROCEDE DE MODULATION OU D'EXAMEN DES TAUX DE KU70 DANS DES CELLULES
- (71) BLOOD CENTER RESEARCH FOUNDATION [US/US]; P.O. Box 2178, Milwaukee, WI 53201-2178 (US).
- (72) MATSUYAMA, Shigemi; 6036 North Sunny Point Road, Glendale, WI 53209 (US).  
SUN, WSeiyong; Higashiirima 4-19-60, Miyamae Ward, Kawasaki City, Kangawa 216-002 (JP).
- (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12N
- (11) WO 03/027238 (13) A2
- (21) PCT/US02/29885
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) en (26) en
- (30) 60/324,448 24 Sep/sep 2001 US (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • STABILIZATION OF T4 ENDONUCLEASE V  
• STABILISATION DE L'ENDONUCLEASE V DES T4
- (71) APPLIED GENETICS INCORPORATED DERMATICS [US/US]; 205 Buffalo Avenue, Freeport, NY 11520 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BROWN, Anne, B. [US/US]; 44 Central Parkway, Merrick, NY 11566 (US).  
BROWN, David, A. [US/US]; 44 Central Parkway, Merrick, NY 11566 (US).  
YAROSH, Daniel, B. [US/US]; 2915 Shore Drive, Merrick, NY 11566 (US).
- (74) KLEE, Maurice, M.; 1951 Burr Street, Fairfield, CT 06824 (US).
- (81) AE AG AL AU BA BB BR BZ CA CN CO CR CU DM DZ EC GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ OM PH PL RO RU SG SI TN TT UA US UZ VN YU ZA.
- (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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N
- (11) WO 03/027239 (13) A2
- (21) PCT/US02/29931
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) en (26) en
- (30) 60/325,129 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MELANIN-CONCENTRATING HORMONE RECEPTOR ANTAGONIST BINDING PROTEIN  
• PROTEINE DE LIAISON DES ANTAGONISTES DES RECEPTEURS DE L'HORMONE MCH
- (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) HOWARD, Andrew, D. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
PAN, Jie [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
FONG, Tung, M. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
MARSH, Donald, J. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
SAILER, Andreas, W. [DE/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (81) CA JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> C12N
- (11) WO 03/027240 (13) A2
- (21) PCT/US02/29932
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) en (26) en
- (30) 60/324,419 24 Sep/sep 2001 US (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • RHESUS MONKEY, DOG AND FERRET MELANIN-CONCENTRATING HORMONE TYPE 1 RECEPTOR  
• RECEPTEUR DE TYPE 1 DE L'HORMONE MCH CHEZ LE MACAQUE RHESUS, LE CHIEN ET LE FURET
- (71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
BANYU PHARMACEUTICAL CO., LTD. [JP/JP]; 2-3, Nihombashi Honcho 2-Chome, Chuo-ku, Tokyo 103-8416 (JP).  
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- (72, 75) TAN, Carina [MY/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
SAILER, Andreas, W. [DE/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
PAN, Jie [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
SANO, Hideki [JP/JP]; 2-3, Nihombashi Honcho 2-Chome, Chuo-ku, Tokyo 103-8416 (JP).
- (74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (81) CA JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> C12N
- (11) WO 03/027241 (13) A2
- (21) PCT/US02/29999
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) en (26) en
- (30) 09/962,853 24 Sep/sep 2001 US (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ANIMAL INTEGRATION VECTOR AND METHODS FOR ITS USE  
• VECTEUR D'INTEGRATION ANIMALE ET SES PROCEDES D'UTILISATION
- (71) TOSK, INC. [US/US]; 2125 Delaware Avenue, Suite B, Santa Cruz, CA 95060 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FOGARTY, Patrick [US/US]; 2125 Delaware Avenue, Suite B, Santa Cruz, CA 95060 (US).
- (74) FIELD, Bret, E.; Bozicevic, Field & Francis, L.L.P., 200 Middlefield Road, Suite 200, Menlo Park, CA 94025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N

(11) WO 03/027242 (13) A2

(21) PCT/US02/30185

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,041 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FAS LIGAND

• LIGAND FAS

(71) DUKE UNIVERSITY [US/US]; Office of Science and Technology, P.O. Box 90083, Durham, NC 27708-0083 (US).

(72) TAYLOR, Doris, A.; Duke University, Office of Science and Technology, P.O. Box 90083, Durham, NC 27708-0083 (US). JONES, Thomas, R.; Duke University, Office of Science and Technology, P.O. Box 90083, Durham, NC 27708-0083 (US).

(74) WILSON, Mary, J.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N

(11) WO 03/027243 (13) A2

(21) PCT/US02/30264

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/325,308 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PHYTATE POLYNUCLEOTIDES AND METHODS OF USE

• POLYNUCLÉOTIDES DE PHYTATE ET MÉTHODES D'UTILISATION

(71) PIONEER HI-BRED INTERNATIONAL, INC. [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50309 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHI, Jinrui [US/US]; 7068 Ridgedale Court, Johnston, IA 50131 (US). WANG, Hongyu [CN/US]; 8008 Oakwood Drive, Urbandale, IA 50322 (US). WU, Yunsheng [US/US]; 4900 Twana Drive, Des Moines, IA 50310 (US).

(74) DRESS, Virginia, M. et al. / etc.; Darwin Building, 7100 N.W. 62nd Avenue, Johnston, IA 50131-1000 (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N

(11) WO 03/027244 (13) A2

(21) PCT/US02/30276

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,401 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ANTISENSE OLIGONUCLEOTIDES AND METHODS TO INDUCE TUMOR CELL DEATH

• OLIGONUCLEOTIDES ANTISENS ET METHODES PERMETTANT D'INDUIRE LA MORT DE CELLULES TUMORALES

(71) HYBRIDON, INC. [US/US]; 345 Vassar Street, Cambridge, MA 02139 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANDIMALLA, Ekambar, M. [IN/US]; 6 Candlewood Lane, Southboro, MA 01772 (US). AGRAWAL, Sudhir [US/US]; 61 Lamplighter Drive, Shrewsbury, MA 01545 (US). SHANKAR, Sai, Latha [IN/US]; 323 E. 88th St., No. 19, New York, NY 10128 (US). SHAFIT-ZAGARDO, BRIDGET [US/US]; 2067 Kenneth Rd., Merrick, NY 11566 (US). MANI, Sridhar [US/US]; 2600 Netherland Ave., No. 1216, Riverdale, NY 10463 (US).

(74) KERNER, Ann-Louise et al. / etc.; Hale and Dorr LLP, 60 State St., 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 EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N

(11) WO 03/027245 (13) A2

(21) PCT/US02/30403

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en

(26) en

(30) 60/324,970 25 Sep/sep 2001 US (25.09.2001)

(30) 60/361,769 5 Mar/mar 2002 US (05.03.2002)

(30) 10/251,271 20 Sep/sep 2002 US (20.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ENZYMATIC CONVERSION OF BLOOD GROUP A, B, AND AB RED BLOOD CELLS USING  $\alpha$ -N-ACETYL-GALACTOSAMINIDASES AND  $\alpha$ -GALACTOSIDASES WITH UNIQUE SUBSTRATE SPECIFICITIES AND KINETIC PROPERTIES

• CONVERSION ENZYMATIQUE DES GROUPES SANGUINS A ET B, ET ERYTHROCYTES AB UTILISANT  $\alpha$ -N-ACETYL GALACTOSAMINIDASES ET  $\alpha$ -GALACTOSIDASES AYANT DES SPECIFICITES DE SUBSTRAT ET DES PROPRIETES CINETIQUES UNIQUES

(63) US 60/324,970 (CIP)

25 Sep/sep 2001 (25.09.2001)

US 60/361,769 (CIP)

5 Mar/mar 2002 (05.03.2002)

US Not furnished /

non communiqué (CIP)

20 Sep/sep 2002 (20.09.2002)

(71) ZYMEQUEST, INC. [US/US]; 100 Cummings Center, Beverly, MA 01915 (US).

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(72, 75) CLAUSEN, Henrik [DK/DK]; Norske Alle 3, DK-2840 Holte (DK). DE LA VEGA, Humberto [MX/US]; 4 Heritage Drive, Apt. 27, Salem, MA 01970 (US). HILL, Cheryl [US/US]; 197 Massachusetts Avenue, North Andover, MA 01845 (US). LIU, Qiyong, Peter [US/US]; 50 Marvin Lane, Newton, MA 02459 (US).

(74) ELRIFI, Ivor, R. et al. / etc.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N

(11) WO 03/027246 (13) A2

(21) PCT/US02/30412

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/962,756 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ANTAGONISTS

• ANTAGONISTES ET AGONISTES DE RECEPTEUR D'INSULINE ET DE IGF-1

(63) US 09/962,756 (CIP)  
24 Sep/sep 2001 (24.09.2001)

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK). **DGI BIOTECHNOLOGIES** [US/US]; 40 Talmadge Road, Edison, NJ 08818-0424 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PILLUTLA, Renuka** [IN/US]; 10 Pope Road, Bridgewater, NJ 08807 (US). **DEDOVA, Olga** [—/US]; 68 Forrest Glen Drive, Highland Park, NJ 08904 (US). **BLUME, Arthur, J.** [US/US]; 11 Walden Drive, Annandale, NJ 08801 (US). **GOLDSTEIN, Neil, I.** [US/US]; 26 Kendal Avenue, Maplewood, NJ 07040 (US). **BRISSETTE, Renee** [US/US]; 20 Deer Trail Drive, Clarksburg, NJ 08510 (US). **WANG, Pinger** [—/US]; 3109 Birchwood Ct., No. Brunswick, NJ 08902 (US). **LIU, Hao** [—/US]; 42G Franklin Green S., 1 JFK Boulevard, Somersset, NJ 08873 (US). **HSIAO, Ku-chuan** [—/US]; 451 Milano Drive, Easton, PA 18040 (US). **LENNICK, Michael** [—/US]; 2 Hills Top Drive, Annandale, NJ 08801 (US). **FLETCHER, Paul** [—/US]; 424 Rivercrest Drive, Piscataway, NJ 08854 (US).

(74) **SONNENFELD, Kenneth, H.** et al. / etc.; Morgan & Finnegan L.L.P., 345 Park Avenue, New York, NY 10154 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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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(51)<sup>7</sup> C12N

(11) **WO 03/027247** (13) A2

(21) PCT/US02/30413

(22) **24 Sep/sep 2002 (24.09.2002)**

(25) en (26) en

(30) 60/324,619 **24 Sep/sep 2001 US (24.09.2001)**

(30) 60/367,252 **21 Mar/mar 2002 US (21.03.2002)**

(30) 60/374,176 **17 Apr/avr 2002 US (17.04.2002)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MODULATION OF STEM CELLS USING ZINC FINGER PROTEINS

• MODULATION DE CELLULES SOUCHES AU MOYEN DE PROTEINES A DOIGTS DE ZINC (ZFP)

(63) US 60/324,619 (CIP)  
24 Sep/sep 2001 (24.09.2001)

US 60/367,252 (CIP)  
21 Mar/mar 2002 (21.03.2002)

US 60/374,176 (CIP)  
17 Apr/avr 2002 (17.04.2002)

(71) **SANGAMO BIOSCIENCES, INC.** [US/US]; Point Richmond Tech Center, Suite A100, 501 Canal Blvd., Richmond, CA 94804 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(71) **WOLFFE, Liz** (legal representative of the deceased inventor / représentante légale de l'inventeur décédé) [GB/US]; 155 Alice Lane, Orinda, CA 94563 (US). *(only for / seulement pour US)*

(72) **WOLFFE, Alan, P.** (deceased / décédé).

(72, 75) **MOORE, Michael** [GB/GB]; The Hideaway, Fagnall Lane, Winmore Hill, Amersham, Bucks, HP7 0PG (GB). **FARRIES, Timothy** [GB/GB]; 185 Daneglen Court, London Road, Stanmore, Middlesex HA7 4PL (GB). **COLLINGWOOD, Trevor** [NZ/US]; 3400 Richmond Parkway, Apt. 3924, San Pablo, CA 94806 (US). **URNOV, Fyodor** [RU/US]; 135 Lakeshore Court, Richmond, CA 94804 (US).

(74) **PASTERNAK, Dahna, S.** et al. / etc.; Robins & Pasternak LLP, 545 Middlefield Road, Suite 180, Menlo Park, CA 94025 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD 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 US UZ VN YU 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12N

(11) **WO 03/027248** (13) A2

(21) PCT/US02/30452

(22) **26 Sep/sep 2002 (26.09.2002)**

(25) en (26) en

(30) 60/324,528 **26 Sep/sep 2001 US (26.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ANTIBODY INHIBITORS OF GDF-8 AND USES THEREOF

• ANTICORPS INHIBITEURS DE GDF-8 ET UTILISATIONS ASSOCIEES

(71) **WYETH** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US). **DUNHAM, William, J.** (legal representative of the deceased inventor / représentant légal de l'inventeur décédé) [—/—]; legal representative for Jane Aghajanian, 500 West road, Belgrade, ME 04917 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72) **AGHAJANIAN, Jane** (deceased / décédé).

(72, 75) **WOLFMAN, Neil, M.** [US/US]; 5 Phillips Lane, Dover, MA 02030 (US). **VELDMAN, Geertruida, M.** [NL/US]; 60 Woodmere Drive, Sudbury, MA 01776 (US). **DAVIES, Monique, V.** [US/US]; 167 Indian Rest Road, Harpswell, MA 04079 (US). **WHITTEMORE, Lisa-Anne** [US/US]; 11

Tanglewood Road, East Walpole, MA 02032 (US). **O'HARA, Denise** [GB/US]; 8 Jere Road, Reading, MA 01867 (US). **BRIDGES, Kristie, Grove** [US/US]; 9 George Road, Maynard, MA 01754 (US). **KHURANA, Tejvir, S.** [US/US]; 1225 Greentree Lane, Narbeth, PA 19072 (US). **BOUXSEIN, Mary** [US/US]; 31 Alton Place #5, Brookline, MA 02446 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12N

(11) **WO 03/027249** (13) A2

(21) PCT/US02/30475

(22) **26 Sep/sep 2002 (26.09.2002)**

(25) en (26) en

(30) 60/325,277 **26 Sep/sep 2001 US (26.09.2001)**

(30) 60/370,526 **4 Apr/avr 2002 US (04.04.2002)**

(30) 60/370,620 **4 Apr/avr 2002 US (04.04.2002)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HIGH-PROTEIN-PHENOTYPE-ASSOCIATED PLANT GENES

• GENES DE PLANTES ASSOCIES A UN PHENOTYPE PROTEAGINEUX

(71) **SYNGENTA PARTICIPATIONS AG** [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SU, Wenpei** [CN/US]; Torrey Mesa Research Institute, 3115 Merryfield Row, San Diego, CA 92121 (US). **ANDON, Nancy** [US/US]; Torrey Mesa Research Institute, 3115 Merryfield Row CA 92007, San Diego, CA 92121 (US). **HAYNES, Paul** [GB/US]; Torrey Mesa Research Institute, 3115 Merryfield Row, San Diego, CA 92121 (US). **BRIGGS, Steven, P.** [US/US]; Torrey Mesa Research Institute, 3115 Merry field Row, San Diego, CA 92121 (US). **COOPER, Bret** [US/US]; Torrey Mesa Research Institute, 3115 Merryfield Row, San Diego, CA 92121 (US). **GLAZEBROOK, Jane** [US/US]; Torrey Mesa Research Institute, 3115 Merryfield Row, San Diego, CA 92121 (US). **GOFF, Stephen, A.** [US/US]; Torrey Mesa Research Institute, 3115 Merryfield Row, San Diego, CA 92121 (US). **KATAGIRI, Fumiaki** [JP/US]; Torrey Mesa Research Institute, 3115 Merryfield Row, San Diego, CA 92121 (US). **KREPS, Joel** [US/US]; Torrey Mesa Research Institute, 3115 Merryfield Row, San Diego, CA 92121 (US). **MOUGHAMER,**

- Todd** [US/US]; Torrey Mesa Research Institute, 3115 Merryfield Row, San Diego, CA 92121 (US). **PROVART, Nicholas** [CA/US]; Torrey Mesa Research Institute, 3115 Merryfield Row, San Diego, CA 92121 (US). **RICKE, Darrell** [US/US]; Torrey Mesa Research Institute, 3115 Merryfield Row, San Diego, CA 92121 (US). **ZHU, Tong** [US/US]; Torrey Mesa Research Institute, 3115 Merryfield Row, San Diego, CA 92121 (US).
- (74) **TORCHIA, Timothy, E.**; Torrey Mesa Research Institute, 3115 Merryfield Row, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N
- (11) **WO 03/027250** (13) A2
- (21) PCT/US02/30491
- (22) **26 Sep/sep 2002 (26.09.2002)**
- (25) en (26) en
- (30) 09/964,980 **27 Sep/sep 2001** US  
(**27.09.2001**)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MONOCLONAL ANTIBODIES TO THE DRUG TILMICOSIN AND A METHOD FOR DETECTING THE SAME
- ANTICORPS MONOCLONAUX SE LIANT A LA TILMICOSINE MEDICAMENTEUSE ET PROCEDE DE DETECTION ASSOCIE
- (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).
- (72) **BEIER, Ross, C.**; 2881 F & B Road, College Station, TX 77845 (US).
- (74) **PENDORF, Stephan, A. et al. / etc.**; Pendorf & Cutliff, P.O. Box 20445, Tampa, FL 33622-0445 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
(s) for all designations / pour toutes les designations  
(t) for all designations / pour toutes les designations
- 
- (51)<sup>7</sup> C12N
- (11) **WO 03/027252** (13) A2
- (21) PCT/US02/30501
- (22) **26 Sep/sep 2002 (26.09.2002)**
- (25) en (26) en
- (30) 60/325,295 **27 Sep/sep 2001** US  
(**27.09.2001**)
- 
- (51)<sup>7</sup> C12N
- (11) **WO 03/027251** (13) A2
- (21) PCT/US02/30499
- (22) **26 Sep/sep 2002 (26.09.2002)**
- (25) en (26) en
- (30) 09/964,955 **26 Sep/sep 2001** US  
(**26.09.2001**)
- (30) 10/027,629 **20 Dec/déc 2001** US  
(**20.12.2001**)
- (30) 10/127,516 **22 Apr/avr 2002** US  
(**22.04.2002**)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • NOVEL MOLECULES OF THE PYRIN DOMAIN PROTEIN FAMILY AND USES THEREOF
- NOUVELLES MOLECULES DE LA FAMILLE DES PROTEINES DU DOMAINE DE PYRINE ET LEUR UTILISATION
- (63) US 10/127,516 (CON)  
22 Apr/avr 2002 (22.04.2002)
- US 10/027,629 (CON)  
20 Dec/déc 2001 (20.12.2001)
- US 09/964,955 (CON)  
26 Sep/sep 2001 (26.09.2001)
- (71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Cambridge, MA 02139-4169 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERTIN, John** [US/US]; 475 Arsenal Street, Apt. 1, Watertown, MA 02172 (US). **MANJI, Gulam. A.** [US/US]; 108 Espalanade Avenue, Apt. 185, Pacifica, CA 94044 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ISOLATED DNA MOLECULES ENCODING HUMANIZED CALCITONIN GENE-RELATED PEPTIDE RECEPTOR, RELATED NON-HUMAN TRANSGENIC ANIMALS AND ASSAY METHODS
- MOLECULES D'ADN ISOLEES CODANT UN RECEPTEUR HUMANISE DU PEPTIDE LIE AU GENE DE LA CALCITONINE, ANIMAUX TRANSGENIQUES NON HUMAINS ASSOCIES ET METHODES D'ANALYSE
- (71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
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- (72, 75) **KANE, Stefanie, A.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **SALVATORE, Christopher, A.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **MALLEE, John, J.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **KOBLAN, Kenneth, S.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **OLIVER, Kevin, R.** [GB/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (74) **HAND, J., Mark et al. / etc.**; Merck & Co., Inc., 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (81) CA JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> C12N
- (11) **WO 03/027253** (13) A2
- (21) PCT/US02/30520
- (22) **26 Sep/sep 2002 (26.09.2002)**
- (25) en (26) en
- (30) 60/324,540 **26 Sep/sep 2001** US  
(**26.09.2001**)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • VARIANTS OF ALPHA-FETOPROTEIN CODING AND EXPRESSION SEQUENCES
- VARIANTS DE CODAGE D'ALPHA-FETOPROTEINE ET SEQUENCES D'EXPRESSION
- (71) **UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL** [US/US]; Office of Technology Development, Campus Box 4105, 308 Bynum Hall, Chapel Hill, NC 27599-4105 (US).  
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- (72, 75) **KUBOTA, Hiroshi** [JP/US]; 314 Vassar Avenue #1, Swarthmore, PA 19081 (US). **STORMS, Robert, W.** [US/US]; 1616 Delaware Avenue, Durham, NC (US). **REID, Lola, M.** [US/US]; 3621 Sweeten Creek Road, Chapel Hill, NC 27514 (US).
- (74) **SIRA, Serge et al. / etc.**; Katten Muchin Zavis Rosenman, Suite 1600, 525 West Monroe Street, Chicago, IL 60661-3693 (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N  
(11) WO 03/027254 (13) A2  
(21) PCT/US02/30572  
(22) 26 Sep/sep 2002 (26.09.2002)  
(25) en (26) en  
(30) 09/964,008 26 Sep/sep 2001 US (26.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • 15625 RECEPTOR, A NOVEL G-PROTEIN COUPLED RECEPTOR  
• RECEPTEUR 15625, NOUVEAU RECEPTEUR COUPLE A LA PROTEINE G  
(71) MILLENNIUM PHARMACEUTICALS, INC. [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) GLUCKSMANN, Maria, Alexandra [AR/US]; 33 Summit Road, Lexington, MA 02173 (US). GU, Wei [US/US]; 48 Kilsyth Road #2, Brookline, MA 02445 (US). WEICH, Nadine, S. [US/US]; 70 Park Street, Apt.53, Brookline, MA 02446 (US). SILOS-SANTIAGO, Inmaculada [ES/US]; 180 Moss Hill Road, Jamaica Plain, MA 02130 (US).  
(74) COULTER, Kathryn, L. et al. / etc.; Alston & Bird LLP, Bank of America Plaza, Suite 4000, 101 South Tryon Street, Charlotte, NC 28280-4000 (US).  
(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU (Petty patent) 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 (Utility model / modèle d'utilité) PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N  
(11) WO 03/027255 (13) A2  
(21) PCT/US02/30611  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) en (26) en
- (30) 60/324,948 27 Sep/sep 2001 US (27.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • ANTI-FUSION ASSAY  
• ESSAI ANTI-FUSION  
(71) TIBOTEC PHARMACEUTICALS LTD. [IE/IE]; Unit 4, Block 4B, Blanchardstown Corporate Park, Blanchardstown, 15 Dublin (IE).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) XIE, Dong [US/US]; 13944 Bromfield Road, Germantown, MD 20874 (US). ERICKSON, John, W. [US/US]; 5406 Jefferson Blvd., Frederick, MD 21703 (US). GRULICH, Paul [US/US]; 384 N. Summit Av. Apt 201, Gaithersburg, MD 20877 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> C12N  
(11) WO 03/027256 (13) A2  
(21) PCT/US02/30767  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) en (26) en  
(30) 60/324,907 27 Sep/sep 2001 US (27.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHODS AND COMPOSITIONS FOR MONITORING CELL MIGRATION AND IDENTIFYING CLINICALLY RELEVANT CYTOTOXIC T LYMPHOCYTE ACTIVITY  
• PROCEDES ET COMPOSITIONS POUR SURVEILLER LA MIGRATION CELLULAIRE ET IDENTIFIER L'ACTIVITE CYTOTOXIQUE DES LYMPHOCYTES T A PRENDRE EN COMPTE SUR LE PLAN CLINIQUE  
(71) THE WISTAR INSTITUTE [US/US]; 3601 Spruce Street, Philadelphia, PA 19104 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) HERLYN, Dorothee [US/US]; 1223 Knox Road, Wynnwood, PA 19096 (US).  
(74) HEMMENDINGER, Lisa, M.; Banner & Witcoff, Ltd., 1001 G Street, N.W., Eleventh Floor, Washington, DC 20002-4597 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
- RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12N  
(11) WO 03/027257 (13) A2  
(21) PCT/US02/30895  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) en (26) en  
(30) 60/325,607 27 Sep/sep 2001 US (27.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHODS OF CONTROLLING GENE EXPRESSION AND GENE SILENCING  
• PROCEDES POUR REGULER L'EXPRESSION ET LE SILENÇAGE GENIQUES  
(71) SYNGENTA PARTICIPATIONS AG [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) LEVIN, Joshua, Zvi [US/US]; Syngenta Biotechnology, Inc., 3054 Cornwallis Road, Research Triangle Park, NC 27709 (US). DIETRICH, Robert [US/US]; Syngenta Biotechnology, Inc., 3054 Cornwallis Road, Research Triangle Park, NC 27709 (US). BUDZISZEWSKI, Gregory, Joseph [US/US]; Syngenta Biotechnology, Inc., 3054 Cornwallis Road, Research Triangle Park, NC 27709 (US).  
(74) STULTS, Larry, W. et al. / etc.; Syngenta Biotechnology, Inc., 3054 Cornwallis Road, Research Triangle Park, NC 27709 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12N  
(11) WO 03/027258 (13) A2  
(21) PCT/US02/30943  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) en (26) en  
(30) 60/325,612 28 Sep/sep 2001 US (28.09.2001)  
(30) 10/002,292 15 Nov/nov 2001 US (15.11.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • RECOMBINANT DNA PROCESSES USING A dNTP MIXTURE CONTAINING MODIFIED NUCLEOTIDES

- PROCEDES DE PRODUCTION D'ADN RECOMBINE COMPRENANT L'UTILISATION D'UN MELANGE DNTP CONTENANT DES NUCLEOTIDES MODIFIES
- (71) **SIGMA-ALDRICH CO.** [US/US]; 509 West Monroe Street, Highland, IL 62249 (US).
- (72) **WARD, Brian**; c/o Sigma-Aldrich Co., 3050 Spruce Street, St. Louis, MO 63103 (US). **SNYDER, Leanne, M.**; c/o Sigma-Aldrich Co., 3050 Spruce Street, St. Louis, MO 63103 (US). **LI, Chuan**; c/o Sigma-Aldrich Co., 3050 Spruce Street, St. Louis, MO 63103 (US). **SONG, Keming**; c/o Sigma-Aldrich Co., 3050 Spruce Street, St. Louis, MO 63103 (US). **OPPER, Kristen, E.**; c/o Sigma-Aldrich Co., 3050 Spruce Street, St. Louis, MO 63103 (US). **UDER, Stephanie**; c/o Sigma-Aldrich Co., 3050 Spruce Street, St. Louis, MO 63103 (US). **HERNAN, Ron**; c/o Sigma-Aldrich Co., 3050 Spruce Street, St. Louis, MO 63103 (US).
- (74) **HEJLEK, Edward, J. et al. / etc.**; One Metropolitan Square, Suite 1600, St. Louis, MO 63102 (US).
- (81) AU CA IL JP NZ.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> C12N
- (11) **WO 03/027259** (13) A2
- (21) PCT/US02/30977
- (22) **26 Sep/sep 2002 (26.09.2002)**
- (25) en (26) en
- (30) 60/326,045 **26 Sep/sep 2001** US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ASSAYS FOR DNA METHYLATION CHANGES
- DOSAGES DESTINES AUX MODIFICATIONS DE LA METHYLATION DE L'ADN
- (71) **EPIGENX PHARMACEUTICALS, INC.** [US/US]; Pacific Technology Center, 5385 Hollister Avenue, Santa Barbara, CA 93105 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WANG, Zunde** [CN/US]; 3458 Richland Drive, Apt# 12, Santa Barbara, CA 93105 (US).
- (74) **WILSON, Barry, S. et al. / etc.**; Foley & Lardner, P.O. Box 80278, San Diego, CA 92138-0278 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N
- (11) **WO 03/027260** (13) A2
- (21) PCT/US02/31017
- (22) **27 Sep/sep 2002 (27.09.2002)**
- (25) en (26) en
- (30) 60/325,497 **27 Sep/sep 2001** US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHODS AND COMPOSITIONS FOR GENERATING HOMOZYGOUS MUTATIONS
- PROCEDES ET COMPOSITIONS PERMETTANT DE GENERER DES MUTATIONS HOMOZYGOTES
- (71) **FUNCTIONAL GENETICS, INC.** [US/US]; 12111 Parklawn Drive, Suite 202, Rockville, MD 20852 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LI, Limin** [CN/US]; 5801 Nicholson Lane, Suite 1608, North Bethesda, MD 20852 (US).
- (74) **CORUZZI, Laura, A. et al. / etc.**; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N
- (11) **WO 03/027261** (13) A2
- (21) PCT/US02/31018
- (22) **27 Sep/sep 2002 (27.09.2002)**
- (25) en (26) en
- (30) 60/325,450 **27 Sep/sep 2001** US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHODS AND COMPOSITIONS FOR GENE TARGETING BY HOMOLOGOUS RECOMBINATION
- PROCEDES ET COMPOSITIONS DE CIBLAGE DE GENE PAR RECOMBINAISON HOMOLOGUE
- (71) **FUNCTIONAL GENETICS, INC.** [US/US]; 12111 Parklawn Drive, Suite 202, Rockville, MD 20852 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LI, Limin** [CN/US]; 5801 Nicholson Lane, Suite 1608, North Bethesda, MD 20852 (US).
- (74) **CORUZZI, Laura, A. et al. / etc.**; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N
- (11) **WO 03/027262** (13) A2
- (21) PCT/US02/31093
- (22) **26 Sep/sep 2002 (26.09.2002)**
- (25) en (26) en
- (30) 60/325,016 **26 Sep/sep 2001** US (26.09.2001)
- (30) 60/334,372 **29 Nov/nov 2001** US (29.11.2001)
- (30) 60/334,255 **29 Nov/nov 2001** US (29.11.2001)
- (30) 60/334,230 **29 Nov/nov 2001** US (29.11.2001)
- (30) 60/370,824 **8 Apr/avr 2002** US (08.04.2002)
- (30) 60/397,458 **19 Jul/juil 2002** US (19.07.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • BIOLOGICAL DISCOVERY USING GENE REGULATORY NETWORKS GENERATED FROM MULTIPLE-DISRUPTION EXPRESSION LIBRARIES
- DECOUVERTE BIOLOGIQUE AU MOYEN DE RESEAUX REGULATEURS DE GENES GENERES PAR DES BANQUES D'EXPRESSION A INTERRUPTIONS MULTIPLES
- (71) **GENE NETWORKS, INC.** [US/US]; 560 South Winchester Boulevard, Suite 500, San Jose, CA 95128 (US).
- (72) **IMOTO, Seiya**; 1-40-9-302 Kaminakazato, Kita-Ku, Tokyo, 114-0016 (JP). **GOTO, Takao**; 30-8 Meguritcho, Kodaira, Tokyo, 187-0013 (JP). **MIYANO, Satoru**; 4-8-1-602 Kamitakada, Nakano, Tokyo 164-0002 (JP). **TASHIRO, Kousuke**; Najima 6-10-1, Higashi-Ku, Fukuoka 813-0043 (JP). **DE HOON, Michiel**; Higashi Magome 1-45-13, Yamamoto Building 303, Ota-Ku, Tokyo, 143-0022 (JP). **SAVOIE, Christopher, J.**; 4-1 Shinhoka-mahi, Yanagawa, Fukuoka 832-0069 (JP). **KUHARA, Satoru**; 7-31-17 Hibara, Minami-Ku, Fukuoka, Fukuoka Prefecture, 811-1355 (JP).
- (74) **MEYER, Sheldon, R. et al. / etc.**; Fliesler, Dubb, Meyer & Lovejoy LLP, Suite 400, Four Embarcadero Center, San Francisco, CA 94111-4156 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N

- (11) **WO 03/027263** (13) A2  
(21) PCT/US02/31095  
(22) **26 Sep/sep 2002 (26.09.2002)**  
(25) en (26) en  
(30) 60/326,389 **28 Sep/sep 2001** US  
(28.09.2001)  
(30) 60/328,186 **5 Oct/oct 2001** US  
(05.10.2001)  
(30) 60/327,380 **5 Oct/oct 2001** US  
(05.10.2001)  
(30) 60/329,690 **12 Oct/oct 2001** US  
(12.10.2001)  
(30) 60/348,165 **26 Oct/oct 2001** US  
(26.10.2001)  
(30) 60/345,384 **26 Oct/oct 2001** US  
(26.10.2001)  
(30) 60/350,219 **2 Nov/nov 2001** US  
(02.11.2001)  
(30) 60/344,518 **9 Nov/nov 2001** US  
(09.11.2001)  
(30) 60/345,143 **9 Nov/nov 2001** US  
(09.11.2001)  
(30) 60/332,375 **16 Nov/nov 2001** US  
(16.11.2001)  
(30) 60/336,908 **3 Dec/déc 2001** US  
(03.12.2001)  
(30) 60/340,747 **7 Dec/déc 2001** US  
(07.12.2001)

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- (54) ● PROTEINS ASSOCIATED WITH CELL  
GROWTH, DIFFERENTIATION, AND  
DEATH  
● PROTEINES ASSOCIEES A LA CROIS-  
SANCE, A LA DIFFERENCIATION ET  
A LA MORT DES CELLULES

(71) **INCYTE GENOMICS, INC.** [US/US];  
3160 Porter Drive, Palo Alto, CA 94304  
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les États désignés sauf US)

(72, 75) **AZIMZAI, Yalda** [US/US]; 5518 Boul-  
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more, CA 94550 (US). **GRIFFIN, Jennifer,  
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[US/US]; 2227 Calle de Primavera, Santa  
Clara, CA 95054 (US). **ISON, Craig, H.**  
[US/US]; 1242 Weathersfield Way, San  
Jose, CA 95118 (US). **KABLE, Amy, E.**  
[US/US]; 2345 Polk Street #4, San Francisco,  
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[US/US]; 551 25th Avenue, San Francisco,  
CA 94121 (US). **LEHR-MASON, Patricia,  
M.** [US/US]; 360 Clarke Lane, Morgan  
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[US/US]; 233 Coy Drive, San Jose, CA 95123  
(US). **MARQUIS, Joseph, P.** [US/US]; 4428  
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**NGUYEN, Dannie, B.** [US/US]; 4922  
Arnica Court, San Jose, CA 95111 (US).  
**RAMKUMAR, Jayalaxmi** [IN/US]; 34359  
Maybird Circle, Fremont, CA 94555 (US).  
**RICARDSON, Thomas, W.** [US/US];  
616 Canyon Road #107, Redwood City, CA  
94062 (US). **SAPPERSTEIN, Stephanie,  
K.** [US/US]; 3531 Highland Avenue, Red-  
wood City, CA 94062 (US). **SWARNAKAR,  
Anita** [CA/US]; 8 Locksley Avenue #5D, San  
Francisco, CA 94122 (US). **TANG, Y., Tom**  
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2638 Mabury Square, San Jose, CA 95133  
(US). **WARREN, Bridget, A.** [US/US];  
1810 S. El Camino Real #B103, Encinitas,  
CA 94024 (US). **XU, Yuming** [US/US]; 1739  
Walnut Drive, Mountain View, CA 94040  
(US). **YAO, Monique, G.** [US/US]; 1189  
Woodgate Drive, Carmel, IN 46033 (US).  
**YUE, Huibin** [US/US]; 1170 South Stelling  
Road, Cupertino, CA 95014 (US). **YUE,  
Henry** [US/US]; 826 Lois Avenue, Sunny-  
vale, CA 94087 (US).

(74) **HAMLET-COX, Diana et al. / etc.;** Incyte  
Genomics, Inc., 3160 Porter Drive, Palo Alto,  
CA 94304 (US).

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

(51)<sup>7</sup> C12N

- (11) **WO 03/027264** (13) A2  
(21) PCT/US02/31180  
(22) **27 Sep/sep 2002 (27.09.2002)**  
(25) en (26) en  
(30) 60/325,992 **27 Sep/sep 2001** US  
(27.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) ● COISOGENIC EUKARYOTIC CELL  
COLLECTIONS  
● COLLECTIONS DE CELLULES EUCA-  
RYOTES CO-ISOGENIQUES  
(63) US 60/325,992 (CIP)  
27 Sep/sep 2001 (27.09.2001)  
(71) **UNIVERSITY OF DELAWARE** [US/US];  
210 Hullihen Hall, Newark, DE 19716 (US).  
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(72, 75) **KMIEC, Eric, B.** [US/US]; 18 Crossan  
Court, Landenberg, PA 19350 (US). **RICE,  
Michael, C.** [US/US]; 802 Washington  
Crossing Road, Newton, PA 18940 (US).

(74) **BECKER, Daniel, M. 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  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N

- (11) **WO 03/027265** (13) A2  
(21) PCT/US02/31181  
(22) **27 Sep/sep 2002 (27.09.2002)**  
(25) en (26) en  
(30) 60/326,041 **27 Sep/sep 2001** US  
(27.09.2001)  
(30) 60/337,129 **4 Dec/déc 2001** US  
(04.12.2001)  
(30) 60/393,330 **1 Jul/juil 2002** US  
(01.07.2002)  
(43) 3 Apr/avr 2003 (03.04.2003)

- (54) ● COMPOSITION AND METHODS  
FOR ENHANCING OLIGONU-  
CLEOTIDE-DIRECTED NUCLEIC  
ACID SEQUENCE ALTERATION  
● COMPOSITION ET PROCEDES FAC-  
ILITANT LES MODIFICATIONS DE  
SEQUENCES D'ACIDE NUCLEIQUE  
DIRIGES PAR DES OLIGONUCLEO-  
TIDES

(71) **UNIVERSITY OF DELAWARE** [US/US];  
210 Hullihen Hall, Newark, DE 19716 (US).  
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les États désignés sauf US)

(72, 75) **KMIEC, Eric, B.** [US/US]; 18 Crossan  
Court, Landenberg, PA 19350 (US). **RICE,  
Michael, C.** [US/US]; 802 Washington  
Crossing Road, Newtown, PA 18940 (US).  
**LIU, Li** [CN/US]; 7-9 Four Seasons Parkway,  
Neward, DE 19702 (US).

(74) **BECKER, Daniel, M. 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  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL

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

(51)<sup>7</sup> C12N

(11) WO 03/027266 (13) A2

(21) PCT/US02/05234

(22) 20 Feb/fév 2002 (20.02.2002)

(25) en (26) en

(30) 60/325,534 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • WHITEFLY ECDYSONE RECEPTOR NUCLEIC ACIDS, POLYPEPTIDES, AND USES THEREOF

• ACIDES NUCLEIQUES, POLYPEPTIDES DU RECEPTEUR DE L'ECDYSONE DES ALEYRODIDAE ET UTILISATIONS CES DERNIERS

(71) ROHM AND HAAS COMPANY [US/US]; 100 Independence Mall West, Philadelphia, PA 19106-2399 (US).

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(72, 75) ZHANG, Jianzhong [CA/US]; #24-C-2 Lower State Road, North Wales, PA 19545 (US). CRESS, Dean, Ervin [US/US]; 104 Leslie Lane, Sounderton, PA 18964 (US). PALLI, Subba, Reddy [CA/US]; 832 Garfield Avenue, Lansdale, PA 19446 (US). DHADIALLA, Tarlochan, Singh [KE/US]; 108 Ridge Court, Chalfont, PA 18914 (US).

(74) JOLLY-TORNETTA, Camille; Rohm and Haas Company, 100 Independence Mall West, Philadelphia, PA 19106-2399 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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)<sup>7</sup> C12N 1/02, 1/12, C12P 1/00, 7/14, 7/32, 23/00

(11) WO 03/027267 (13) A1

(21) PCT/IN01/00160

(22) 26 Sep/sep 2001 (26.09.2001)

(25) en (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROCESS TO PRODUCE ASTAXANTHIN FROM HAEMATOCOCCUS BIOMASS

• PROCEDE CYCLIQUE POUR LA PRODUCTION D'ASTAXANTHINE A PARTIR DE LA BIOMASSE DE L'ALGUE HAEMATOCOCCUS ALGAE

(71) PARRY NUTRACEUTICALS LTD. [IN/IN]; Tiam House Annexe, II Floor, 2, Jehangir Street, Chennai 600 001, Tamil Nadu (IN).

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(72, 75) SWATI SEBASTIAN THOMAS [IN/IN]; 3A Lavanya, No. 12, 4th Seaward Road, Valmiki Nagar, Thiruvannamiyur, Chennai 600 041, Tamil Nordu (IN). SWAMI-NATHAN, Kumaravel [IN/IN]; No. 7, Anna Street, T.S.R. Nagar, Thiruvottiyur, Chennai 600 019, Tamil Nadu (IN). NAGARAJ, Jeeji, Bai [IN/IN]; 24 (New 49) First Main Road, R A Puram, Chennai 600 028, Tamil Nadu (IN).

(74) DEPENNING, R., G. et al. / etc.; Depenning & Depenning, 31 South Bank Road, Chennai 600 028, Tamil Nadu (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 PH PL PT RO RU SD SE SG SI 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 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).

Published / Publiée : (c)

(51)<sup>7</sup> C12N 1/20, A23B 4/22 // (C12N 1/20, C12R 1:46)

(11) WO 03/027268 (13) A2

(21) PCT/FR02/03180

(22) 18 Sep/sep 2002 (18.09.2002)

(25) fr (26) fr

(30) 01/12187 21 Sep/sep 2001 FR (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NOVEL LACTIC ACID BACTERIA OF THE GENUS LACTOCOCCUS LACTIS AND USE THEREOF FOR PRESERVING FOOD PRODUCTS

• NOUVELLES BACTERIES LACTIQUES DU GENRE LACTOCOCCUS LACTIS ET LEUR APPLICATION A LA CONSERVATION DE PRODUITS ALIMENTAIRES

(71, 72) DANIEL, Patrice [FR/FR]; La Baconnière, Saint Emilien de Blain, F-44130 Blain (FR). LORRE, Sylvie [FR/FR]; 55, rue de la Durantière, F-44100 Nantes (FR).

(74) LAGET, Jean-Loup; Cabinet Brema, 78, avenue Raymond Poincaré, F-75116 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 5/02, 5/06, 5/10

(11) WO 03/027269 (13) A1

(21) PCT/US02/30197

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,835 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CHRONIC PATHOGEN-EXPRESSING CELL LINES

• LIGNEES CELLULAIRES EXPRI-MANT DES PATHOGENES CHRONIQUES

(71, 72) MOSCA, Joseph, D. [US/US]; 4201 Blue Barrow Ride, Ellicott City, MD 21042 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C12N 5/06, A61K 35/39

(11) WO 03/027270 (13) A1

(21) PCT/NZ02/00197

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 514546 28 Sep/sep 2001 NZ (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • GROWING XENOTRANSPLANT MATERIAL IN CULTURE

• CROISSANCE D'UNE MATIERE POUR XENOTRANSPLANT DANS UNE CULTURE

(71) DIATRANZ LIMITED [NZ/NZ]; 19 Laureston Avenue, Otahuhu, 1006 Manakau City (NZ).

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

(72, 75) GARKAVENKO, Olga [NZ/NZ]; 3/30 Simkin Avenue, St Johns, 1005 Auckland (NZ).

(74) ENSOR, Donald, Rivers; Ensor et Associates, 111 Western Springs Road, Mt Albert, 1002 Auckland (NZ).

(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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C12N 5/10, 7/02, 15/86, A61K 48/00  
(11) WO 03/027271 (13) A2  
(21) PCT/US02/30318  
(22) 25 Sep/sep 2002 (25.09.2002)  
(25) en (26) en  
(30) 60/324,838 25 Sep/sep 2001 US  
(25.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • REGULATION OF ADENOVIRUS DNA  
PACKAGING BY IPTG  
• REGULATION DE L'ENCAPSIDATION  
DE L'ADN ADENOVIRAL PAR IPTG  
(71) THE RESEARCH FOUNDATION OF  
THE STATE UNIVERSITY OF NEW  
YORK [US/US]; P.O. Box 9, Albany, NY  
12201 (US).  
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les États désignés sauf US)
- (72, 75) HEARING, Patrick [US/US]; 27  
Thomas Hill Road, St. James, NY 11780  
(US). OSTROM, Amy [US/US]; 3582 Silver  
Lace Lane #34, Blynton Beach, FL 33426  
(US). WELLS, Susanne [US/US]; 16 Laurel  
Street, Apt. 1, Somerville, MA 02143 (US).
- (74) POKALSKY, Ann, R. et al. / etc.; Dilworth  
& Barrese, LLP, 333 Earle Ovington Boule-  
vard, Uniondale, NY 11553 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12N 9/12, 15/54, 15/63, A61K 38/00,  
C12N 15/00, C07K 14/00  
(11) WO 03/027272 (13) A1  
(21) PCT/EP02/10561  
(22) 20 Sep/sep 2002 (20.09.2002)  
(25) en (26) en  
(30) 60/323,727 21 Sep/sep 2001 US  
(21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • REGULATION OF HUMAN PHOSPHO-  
INOSITIDE KINASE  
• REGULATION DE LA PHOSPHOINO-  
SITIDE KINASE HUMAINE  
(71) BAYER AKTIENGESELLSCHAFT  
[DE/DE]; D-51368 Leverkusen (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (71, 72) LIOU, Jiing-Ren [CN/US]; 10 Winslow  
Road, Belmont, MA 02478 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ
- LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE 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 BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH  
GM HR HU ID 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  
SI 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 IE IT LU MC NL PT SE SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)  
(t) for all designations / pour toutes les  
designations
- 
- (51)<sup>7</sup> C12N 9/48, A23L 1/318  
(11) WO 03/027273 (13) A1  
(21) PCT/US01/30415  
(22) 27 Sep/sep 2001 (27.09.2001)  
(25) en (26) en  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD FOR TENDERIZING RAW  
BEEF  
• PROCEDE PERMETTANT D'ATTEN-  
DRIR DE LA VIANDE CRUE  
(71) MICRO-TENDER INDUSTRIES, INC.  
[US/US]; 5140 Race Court, Unit 1, Denver,  
CO 80216 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) TERAN, James, F. [US/US]; 8972 Kit-  
tiwake Street, Highlands Ranch, CO 80126  
(US).
- (74) FARAH, David, A. et al. / etc.; Sheldon  
& Mak, 225 South Lake Avenue, 9th Floor,  
Pasadena, CA 91101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ PH PL PT RO RU  
SD SE SG SI 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 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).
- 
- (51)<sup>7</sup> C12N 9/90, C07K 14/21, 19/00, 17/02,  
C12Q 1/533, C12N 1/21 // C07K 103/00,  
101/00  
(11) WO 03/027274 (13) A2  
(21) PCT/CA02/01453  
(22) 25 Sep/sep 2002 (25.09.2002)  
(25) en (26) en
- (30) 60/324,739 25 Sep/sep 2001 US  
(25.09.2001)  
(30) 60/376,917 1 May/mai 2002 US  
(01.05.2002)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • NOVEL PURIFIED POLYPEPTIDES  
FROM *PSEUDOMONAS AERUGINOSA*  
• NOUVEAU POLYPEPTIDE PURIFIE  
TIRE DE *PSEUDOMONAS AERUGI-  
NOSA*  
(71) AFFINIUM PHARMACEUTICALS,  
INC. [CA/CA]; 100 University Avenue, 10th  
Floor, South Tower, Toronto, Ontario M5J  
1V6 (CA).  
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les États désignés sauf US)
- (72, 75) EDWARDS, Aled [CA/CA]; 21 Suther-  
land Drive, Toronto, Ontario M4G 1H1 (CA).  
DHARAMSI, Akil [CA/CA]; 29 Moresby  
Street, Richmond Hill, Ontario L4B 4K9  
(CA). VEDADI, Masoud [CA/CA]; 178  
Northwood Drive, Toronto, Ontario M2M  
2K3 (CA). ALAM, Muhammad, Zahoor  
[PK/CA]; #11-440 Malaga Road, Oshawa,  
Ontario L1J 1N8 (CA). AWREY, Donald  
[CA/CA]; 2211 Stür Crescent, Mississauga,  
Ontario L4Y 3V2 (CA). BEATTIE, Bryan  
[CA/CA]; 2224 Vista Oak Road, Oakville,  
Ontario L6M 3L7 (CA). HOUSTON, Si-  
mon [GB/CA]; 100 Vaughan Road, Apt.  
29, Toronto, Ontario M6C 2M1 (CA). KIM-  
BER, Mathew [CA/CA]; 306 Sumach Street,  
Apt. 7, Toronto, Ontario M5A 3K2 (CA).  
LAM, Robert [CA/CA]; 85 Thorncliffe Park  
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(CA). NETHERY, Kathleen [CA/CA]; 1185  
Lansdowne Avenue, Lower Unit, Toronto,  
Ontario M6H 3Z7 (CA). LI, Qin [CA/CA];  
3455 Rue Durocher, Apt. 314, Montreal,  
Québec H2X 2C9 (CA). NECAKOV, Sasha  
[CA/CA]; 530 Brunswick Avenue, Toronto,  
Ontario M5R 2Z5 (CA). VALLEE, Francois  
[FR/CA]; 490 Eglinton Avenue East, Apt.  
405, Toronto, Ontario M4P 1M4 (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  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12N 9/99  
(11) WO 03/027275 (13) A1  
(21) PCT/US02/30059  
(22) 23 Sep/sep 2002 (23.09.2002)  
(25) en (26) en  
(30) 60/325,390 27 Sep/sep 2001 US  
(27.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • INHIBITORS OF GLYCOGEN SYN-  
THASE KINASE-3 (GSK-3) FOR  
TREATING GLAUCOMA

• INHIBITEURS DE LA GLYCOGENE SYNTHASE KINASE-3 (GSK-3) POUR LE TRAITEMENT DU GLAUCOME

(71) ALCON, INC. [CH/CH]; P. O. Box 162, Bösch 69, CH-6331 Hünenberg (CH).

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

(72, 75) HELLBERG, Mark, R. [US/US]; 2545 Glen Ridge Drive, Highland Village, TX 75077 (US). CLARK, Abbot, F. [US/US]; 5603 Rachel Court, Arlington, TX 76017 (US). PANG, Iok-Hou [US/US]; 125 Starbridge Lane, Grand Prairie, TX 75052 (US). HELLBERG, Peggy, Elizabeth [US/US]; 2545 Glen Ridge, Highland Village, TX 75077 (US). MCNATT, Loretta, Graves [US/US]; 224 Baker Drive, Hurst, TX 76054 (US). WANG, Wan-Heng [CN/US]; 2805 Woodland Hills Drive, Grapevine, TX 76051 (US).

(74) SCHULTZ, Teresa, J. et al. / etc.; Alcon Research, Ltd., R & D Counsel, Q-148, 6201 South Freeway, Fort Worth, TX 76134-2099 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) (u) for / pour US only / seulement

(51)<sup>7</sup> C12N 15/00

(11) WO 03/027276 (13) A2

(21) PCT/IB02/04134

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/963,131 24 Sep/sep 2001 (24.09.2001) US

(30) 09/962,929 24 Sep/sep 2001 (24.09.2001) US

(30) 09/962,855 24 Sep/sep 2001 (24.09.2001) US

(30) 09/962,854 24 Sep/sep 2001 (24.09.2001) US

(30) 09/962,916 24 Sep/sep 2001 (24.09.2001) US

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NOVEL COMPOSITIONS AND METHODS FOR LYMPHOMA AND LEUKEMIA

• NOUVELLES COMPOSITIONS ET PROCÉDES RELATIFS AUX LYMPHOMES ET AUX LEUCEMIES

(71) UNIVERSITY OF AARHUS [DK/DK]; Konsistorialkontoret, Ndr. Ringgade 1, DK-8000 Aarhus C (DK).

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(72, 75) PEDERSEN, Finn, Skou [DK/DK]; Praestehaven 47, DK-8210 Aarhus V (DK). SORENSEN, Annette, Balle [DK/DK]; Reginhoejvej 7, 2.tv., DK-8200 Aarhus N (DK). HERNANDEZ, Javier, Martin [DK/DK]; Jens Baggesens Vej 30, 2.tv., DK-8210 Aarhus V (DK). NIELSEN, Anne, Ahlmann [DK/DK]; Langovaenget 39, DK-8381 Tilst (DK). MOVING, Helle [DK/DK]; Otte Ruds Gade 37, st.tv., DK-8200 Aarhus N (DK).

(74) ROQUES, Sarah, Elizabeth et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

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

(51)<sup>7</sup> C12N 15/02, 5/06, C12Q 1/02, A61L 27/00

(11) WO 03/027277 (13) A1

(21) PCT/JP02/08825

(22) 30 Aug/août 2002 (30.08.2002)

(25) ja (26) ja

(30) 2001-290101 21 Sep/sep 2001 (21.09.2001) JP

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF SCREENING REPROGRAMMING FACTOR, REPROGRAMMING FACTOR SCREENED BY THE METHOD, METHOD OF USING THE REPROGRAMMING FACTOR, METHOD OF DIFFERENTIATING UNDIFFERENTIATED FUSED CELLS AND METHOD OF CONSTRUCTING CELL, TISSUES AND ORGANS

• PROCÉDE DE CRIBLAGE DE FACTEUR DE REPROGRAMMATION, FACTEUR DE REPROGRAMMATION CRIBLE AU MOYEN DE CE PROCÉDE, PROCÉDE D'UTILISATION DU FACTEUR DE REPROGRAMMATION, PROCÉDE DE DIFFÉRENCIATION DE CELLULES FUSIONNÉES NON DIFFÉRENCIÉES ET PROCÉDE DE CONSTRUCTION DE CELLULES, DE TISSUS ET D'ORGANES

(71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). JAPAN AS REPRESENTED BY THE PRESIDENT OF THE UNIVERSITY OF KYOTO [JP/JP]; 36-1, Yoshidahonmachi, Sakyo-ku, Kyoto-shi, Kyoto 606-8501 (JP).

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(81) AU CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> C12N 15/02, 5/06, 9/10, C12Q 1/02, A61L 27/38, A61K 45/00, 48/00

(11) WO 03/027278 (13) A1

(21) PCT/JP02/09732

(22) 20 Sep/sep 2002 (20.09.2002)

(25) ja (26) ja

(30) 2001-290005 21 Sep/sep 2001 (21.09.2001) JP

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TAILOR-MADE MULTIFUNCTIONAL STEM CELLS AND UTILIZATION THEREOF

• CELLULES SOUCHES MULTIFONCTIONNELLES ADAPTEES ET UTILISATION DE CES DERNIERES

(71) TRANS-SCIENCE, INC. [JP/JP]; Eighth floor, Somanishishinbashi Bldg., 6-14, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

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

(51)<sup>7</sup> C12N 15/09, C07K 14/47, 16/18, G01N 33/15, 33/50

(11) WO 03/027279 (13) A1

(21) PCT/JP02/08257

(22) 13 Aug/août 2002 (13.08.2002)

(25) ja (26) ja

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- (43) 3 Apr/avr 2003 (03.04.2003)
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• INHIBITEUR DE L'HISTONE ACETYLASE DE P300
- (71, 72) MIZUTANI, Shuki [JP/JP]; 243-9, Matsudoshinden, Matsudo-shi, Chiba 270-2241 (JP). YAMADA, Takayuki [JP/JP]; 201, Heights Michinobe, 8-1-84, Kamagaya, Kamagaya-shi, Chiba 273-0105 (JP).
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- (81) CA JP US.
- Published / Publiée : (n)
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(v) for all designations / pour toutes les désignations
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- (51)<sup>7</sup> C12N 15/09, 15/69, 1/19, 1/21, 5/10, C12P 21/02 // (C12N 1/19, C12R 1:865)
- (11) WO 03/027280 (13) A1
- (21) PCT/JP02/09452
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- (30) 2002-128323 **30 Apr/avr 2002** JP  
(30.04.2002)
- (30) 2002-128286 **30 Apr/avr 2002** JP  
(30.04.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • GENE OVEREXPRESSION SYSTEM  
• SYSTEME DE SUREXPRESSION GENIQUE
- (71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO [JP/JP]; 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi 480-1192 (JP).  
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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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 15/09, 5/00, C12Q 1/02
- (11) WO 03/027281 (13) A2
- (21) PCT/JP02/09702
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) ja (26) ja
- (30) 2001-286332 **20 Sep/sep 2001** JP  
(20.09.2001)
- (30) 2002-133575 **9 May/mai 2002** JP  
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- (43) 3 Apr/avr 2003 (03.04.2003)
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• CELLULES SOUCHES TOTIPO- TENTES PROVENANT DES TISSUS INTESTINAUX DE MUSCLE SQUELETTIQUE
- (71) KYOWA HAKKO KOGYO CO., LTD. [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 (JP).  
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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 IE IT LU MC NL PT SE SK TR).
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- DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 15/09, 15/12, C07K 14/435, 16/18, C12Q 1/68, G01N 33/53, A61K 38/17, 39/00
- (11) WO 03/027282 (13) A1
- (21) PCT/JP02/09771
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- (25) ja (26) ja
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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ADAMTS-15, -16, -17, -18 AND -19  
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- (71) DAIICHI FINE CHEMICAL CO., LTD. [JP/JP]; 530, Chokeiji, Takaoka-shi, Toyama 933-8511 (JP). UNIVERSITY OF OVIEDO [ES/ES]; C/ San Francisco, 3, E-33006 Oviedo, Asturias (ES).  
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- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) ja (26) ja
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- (54) • COMPETITIVE NUCLEIC ACID FRAGMENT, KIT FOR QUANTIFYING RECOMBINANT GENE AND METHOD OF QUANTIFYING RECOMBINANT GENE USING THE SAME

- FRAGMENT D'ACIDE NUCLEIQUE COMPETITIF, TROUSSE POUR QUANTIFIER UN GENE DE RECOMBINAISON ET PROCEDE POUR QUANTIFIER UN GENE DE RECOMBINAISON EN UTILISANT CETTE TROUSSE
- (71) NATIONAL FOOD RESEARCH INSTITUTE [JP/JP]; 1-12, Kannondai 2-Chome, Tsukuba-Shi, Ibaraki 305-8642 (JP). SHOWA SANGYO CO.,LTD. [JP/JP]; 2-1, Uchi-Kanda 2-Chome, Chiyoda-Ku, Tokyo 101-0047 (JP). NIPPON FLOUR MILLS CO.,LTD. [JP/JP]; 27-5, Sendagaya 5-Chome, Shibuya-Ku, Tokyo 151-0051 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KATO, Hisashi [JP/JP]; c/o R & D CENTER, SHOWA SANGYO CO., LTD., 2-20-2, Hinode, Funabashi-Shi, Chiba 273-0015 (JP). OHASHI, Hideo [JP/JP]; c/o R & D CENTER, SHOWA SANGYO CO., LTD., 2-20-2, Hinode, Funabashi-Shi, Chiba 273-0015 (JP). HINO, Akihiro [JP/JP]; c/o NATIONAL FOOD RESEARCH INSTITUTE, 1-12, Kannondai 2-Chome, Tsukuba-Shi, Ibaraki 305-0856 (JP). MATSUOKA, Takeshi [JP/JP]; c/o NATIONAL FOOD RESEARCH INSTITUTE, 1-12, Kannondai 2-Chome, Tsukuba-Shi, Ibaraki 305-0856 (JP). KURIBARA, Hideo [JP/JP]; c/o NATIONAL FOOD RESEARCH INSTITUTE, 1-12, Kannondai 2-Chome, Tsukuba-Shi, Ibaraki 305-0856 (JP). FUTO, Satoshi [JP/JP]; c/o CENTRAL LABORATORY, NIPPON FLOUR MILLS CO., LTD., 5-1-3, Midorigaoka, Atsugi-Shi, Kanagawa 243-0041 (JP).
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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 IE IT LU MC NL PT SE 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 03/027284 (13) A1
- (21) PCT/JP02/09882
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) ja (26) ja
- (30) 2001-294804 26 Sep/sep 2001 JP (26.09.2001)
- (30) 2002-136030 10 May/mai 2002 JP (10.05.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • BONE METABOLIC DISEASE MARKERS AND UTILIZATION THEREOF
- MARQUEURS DES MALADIES METABOLIQUES OSSEUSES ET UTILISATION DE CES DERNIERS
- (71) SUMITOMO PHARMACEUTICALS COMPANY, LIMITED [JP/JP]; 2-8, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8510 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
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- (74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
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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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C12N 15/11
- (11) WO 03/027285 (13) A1
- (21) PCT/AU02/01282
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) en (26) en
- (30) PR 7973 27 Sep/sep 2001 AU (27.09.2001)
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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DNA SEQUENCES FOR HUMAN ANGIOGENESIS GENES
- SEQUENCES D'ADN DESTINEES AUX GENES HUMAINS DE L'ANGIOGENESE
- (71) BIONOMICS LIMITED [AU/AU]; 31 Dalgleish Street, Thebarton, South Australia 5031 (AU). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GAMBLE, Jennifer, Ruth [AU/AU]; 8 Branch Road, Stirling, South Australia 5152 (AU). HAHN, Christopher, Norman [AU/AU]; 21 Wedgwood Road, Modbury Heights, South Australia 5092 (AU). VADAS, Mathew, Alexander [AU/AU]; 8 Branch Road, Stirling, South Australia 5152 (AU).
- (74) GRIFFITH HACK; 10/167 Eagle Street, GPO Box 3125, Brisbane, Queensland 4001 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 15/11
- (11) WO 03/027286 (13) A1
- (21) PCT/JP02/02671
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) ja (26) ja
- (30) 2001-285655 19 Sep/sep 2001 JP (19.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD OF SYNTHESIZING POLYNUCLEOTIDE VIA REVERSE TRANSLATION FROM PROTEIN AND OLIGONUCLEOTIDE TO BE USED IN THIS METHOD
- PROCEDE DE SYNTHESE DE POLYNUCLEOTIDE PAR TRADUCTION INVERSE A PARTIR D'UNE PROTEINE, ET OLIGONUCLEOTIDE UTILISE DANS CE PROCEDE
- (71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) NASHIMOTO, Masayuki [JP/JP]; 303, Matsushiro Park Haitsu, 12-12, Matsushiro 4-chome, Tsukuba-shi, Ibaraki 305-0035 (JP).
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- (81) CA US.
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- (11) WO 03/027287 (13) A1
- (21) PCT/JP02/08457
- (22) 22 Aug/août 2002 (22.08.2002)
- (25) ja (26) ja
- (30) 2001-290291 21 Sep/sep 2001 JP (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • KIDNEY-SPECIFIC URATE TRANSPORTER AND GENE THEREOF
- TRANSPORTEUR D'URATE SPECIFIQUE DU REIN ET GENE ASSOCIE
- (71, 72) ENDOU, Hitoshi [JP/JP]; 1-23-7, Yoshinodai, Sagami-hara-shi, Kanagawa 229-0022 (JP).
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- (81) AU CA US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> C12N 15/12
- (11) WO 03/027288 (13) A1
- (21) PCT/KR02/01825
- (22) 28 Sep/sep 2002 (28.09.2002)
- (25) ko (26) en
- (30) 2001-0060826 28 Sep/sep 2001 KR (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DIAGNOSTIC METHOD FOR CANCER CHARACTERIZED IN THE DETECTION OF THE DELETION OF G-CSF EXON 3
- PROCEDE DE DIAGNOSTIC DE CANCER CACRACTERISE PAR LA DETECTION DE LA DELETION DU 3EME EXON DE G-CSF
- (71) MEDIGENES [KR/KR]; 45-6, Loft B/D 203-ho, Samsung 2-dong, Gangnam-gu, 135-868 Seoul (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LEE, Sang-Yup [KR/KR]; #212-702 Expo Apt., 464-1 Jeonmin-dong, Yuseong-gu, 305-390 Daejeon (KR). JEONG, Ki-Jun [KR/KR]; #107-406 Hanahreum Apt., Wolpyeong-dong, Seo-gu, 302-280 Daejeon (KR). CHUNG, Hyun-Cheol [KR/KR]; #2-801 Banpo-Hanyang Apt., 66, Jamwon-dong, Seocho-gu, 137-030 Seoul (KR). YOO, Nae-Choon [KR/KR]; #Da-101 Hyundai Billa, 45-24, Yuonhui 3-dong, Seodaemun-gu, 120-113 Seoul (KR). KEUM, Ki-Chang [KR/KR]; #101-402 Samsung Apt., Sinjeong-dong, Yangcheon-gu, 158-070 Seoul (KR). YOO, Won-Min [KR/KR]; 48, Dongsomun-dong 3-ga, Seongbuk-gu, 136-033 Seoul (KR).
- (74) LEE, Sei-Jin et al. / etc.; 17th Floor, City Air Tower, 159-9 Samsung-dong, Gangnam-gu, 135-973 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> C12N 15/12, 15/63, 5/06, C12Q 1/68
- (11) WO 03/027289 (13) A1
- (21) PCT/US02/05026
- (22) 20 Feb/fév 2002 (20.02.2002)
- (25) en (26) en
- (30) 60/325,096 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • LEAFHOPPER ECDYSONE RECEPTOR NUCLEIC ACIDS, POLYPEPTIDES, AND USES THEREOF
- ACIDES NUCLEIQUES DU RECEPTEUR A L'ECDYSONE DE LA CICADELLE, POLYPEPTIDES, ET UTILISATION DE CEUX-CI
- (71) ROHM AND HAAS COMPANY [US/US]; 100 Independence Mall West, Philadelphia, PA 19106-2399 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PALLI, Subba, Reddy [CA/US]; 832 Garfield Avenue, Lansdale, PA 19446 (US).
- (74) JOLLY-TORNETTA, Camille; Rohm and Haas Company, 100 Independence Mall West, Philadelphia, PA 19106-2399 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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).
- 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 SD SE SG SI 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 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)
- (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 SD SE SG SI 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 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)
- (u) for / pour US only / seulement
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- (51)<sup>7</sup> C12N 15/29, C12Q 1/68
- (11) WO 03/027290 (13) A1
- (21) PCT/JP02/09429
- (22) 13 Sep/sep 2002 (13.09.2002)
- (25) ja (26) ja
- (30) 2001/285247 19 Sep/sep 2001 JP (19.09.2001)
- (30) 2001/309135 4 Oct/oct 2001 JP (04.10.2001)
- (30) 2002/185709 26 Jun/juin 2002 JP (26.06.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD OF IMPARTING OR CONTROLLING FERTILITY WITH THE USE OF FERTILITY RESTORING GENE FOR RICE BT-MALE STERILITY CYTOPLASM AND METHOD OF JUDGING THE EXISTENCE OF FERTILITY RESTORING GENE
- PROCEDE POUR CONFERER OU REGULER LA FERTILITE D'UN CYTOPLASME A STERILITE MALE DE RIZ BT AU MOYEN D'UN GENE DE RESTAURATION DE LA FERTILITE, ET PROCEDE D'ESTIMATION DE LA PRESENCE D'UN GENE DE RESTAURATION DE LA FERTILITE
- (71) JAPAN TOBACCO INC. [JP/JP]; 2-1, Toranomon 2-chome, Minato-ku, Tokyo 105-8422 (JP). SYNGENTA LIMITED [GB/GB]; European Regional Centre, Priestly Road, Surrey Research Park, Guildford, Surrey GU2 7YH (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KOMORI, Toshiyuki [JP/JP]; c/o Japan Tobacco Inc., Plant Innovation Center, 700, Higashibara, Toyoda-cho, Iwata-gun, Shizuoka 438-0802 (JP). OTA, Shozo [JP/JP]; c/o Japan Tobacco Inc., Tobacco Headquarters, 6-2, Umegaoka, Aoba-ku, Yokohama-shi, Kanagawa 227-8512 (JP). MURAI, Nobuhiko [JP/JP]; c/o Japan Tobacco Inc., Affiliated Business Division, 2-1 Toranomon 2-chome, Minato-ku, Tokyo, 105-8422 (JP). HIEI, Yuko [JP/JP]; c/o Japan Tobacco Inc., Plant Innovation Center, 700, Higashibara, Toyoda-cho, Iwata-gun, Shizuoka 438-0802 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 15/40, C07K 14/08, G01N 33/576, C12Q 1/70, A61K 39/29
- (11) WO 03/027291 (13) A2
- (21) PCT/FR02/03239
- (22) 23 Sep/sep 2002 (23.09.2002)
- (25) fr (26) fr
- (30) 01/12285 24 Sep/sep 2001 FR (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HDV NUCLEIC ACID MOLECULES, FRAGMENTS AND APPLICATIONS THEREOF

- MOLECULES D'ACIDES NU-  
CLEIQUES D'HDV, LEURS FRAG-  
MENTS ET LEURS APPLICATIONS
- (71) ASSISTANCE PUBLIQUE-HOPITAUX  
DE PARIS [FR/FR]; 3, avenue Victoria,  
F-75004 Paris (FR).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) DENY, Paul [FR/FR]; 7, rue Césarine  
Ballagny, F-78420 Carrieres sur Seine (FR).  
RADJEF, Nadja [FR/FR]; 10, rue Martin La  
Meslée, F-94000 Creteil (FR). HUC-ANAIS,  
Patricia [FR/FR]; Résidence Le Cottage  
Rambaud, Appt N<sup>o</sup> A6, F-97150 Saint-Martin  
(FR).
- (74) CABINET ORES; 36, rue de St Pétersbourg,  
F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX  
MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR); OA  
(BF BJ CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- (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 IE IT LU MC NL PT SE SK TR); OA  
(BF BJ CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> C12N 15/52, 5/10, 9/00, C12Q 1/68, G01N  
33/53, 33/573, A61P 9/10
- (11) WO 03/027292 (13) A2
- (21) PCT/EP02/04282
- (22) 18 Apr/avr 2002 (18.04.2002)
- (25) en (26) en
- (30) 60/284,183 18 Apr/avr 2001 US  
(18.04.2001)
- (30) 60/294,576 1 Jun/juin 2001 US  
(01.06.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • REGULATION OF HUMAN FATTY  
ACID-COA LIGASE-LIKE ENZYME  
• REGULATION DE L'ENZYME DE  
TYPE ACIDE GRAS-COA LIGASE HU-  
MAINE
- (71) BAYER AKTIENGESELLSCHAFT  
[DE/DE]; 51368 Leverkusen (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) XIAO, Yonghong [US/US]; 78 Dana  
Street 1, Cambridge, MA 02138 (US).
- (74) BAYER AKTIENGESELLSCHAFT;  
51368 Leverkusen (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 SI 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 IE IT LU MC NL
- 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).
- 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 SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG 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 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)
- (t) for all designations / pour toutes les  
désignations
- 
- (51)<sup>7</sup> C12N 15/53, 9/02, C12P 23/00
- (11) WO 03/027293 (13) A1
- (21) PCT/ES02/00452
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) es (26) es
- (30) P200102161 26 Sep/sep 2001 ES  
(26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • BIOSYNTHETIC GENES OF  
BLAKESLEA TRISPORA BETA-  
CAROTENE THAT CODE FOR LY-  
COPENE CYCLASE/PHTOENE SYN-  
THASE (CARRP) AND PHYTOENE  
DEHYDROGENASE (CARB)  
• GENES BIOSYNTHETIQUES DE  
BETA-CAROTENE DE BLAKESLEA  
TRISPORA CODANT UNE LYCOPENE  
CYCLASE/PHTOENE SYNTHASE  
(CARRP) ET UNE PHYTOENE DESHY-  
DROGENASE (CARB)
- (71) ANTIBIOTICOS, S.A.U. [ES/ES]; Avda.  
de Antibióticos, 59/61, E-24080 León (ES).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) RODRIGUEZ SAIZ, Marta [ES/ES];  
Avda. de Antibióticos, 59/61, E-24080  
León (ES). MARCOS RODRIGUEZ, Ana,  
Teresa [ES/ES]; Avda. de Antibióticos,  
59/61, E-24080 León (ES). DIEZ GAR-  
CIA, Bruno [ES/ES]; Avda. de Antibióticos,  
59/61, E-24080 León (ES). DE LA FUENTE  
MORENO, Juan, Luis [ES/ES]; Avda. de  
Antibióticos, 59/61, E-24080 León (ES).  
BARREDO FUENTE, José, Luis [ES/ES];  
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(ES).
- (74) DE ELZABURU, Alberto; Miguel Angel,  
21, E-28010 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 ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL
- PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 15/53, 9/04, 1/15, 1/19, 1/21, 5/00,  
C12P 21/02, G01N 33/48
- (11) WO 03/027294 (13) A1
- (21) PCT/JP02/09943
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) ja (26) ja
- (30) 2001/294846 26 Sep/sep 2001 JP  
(26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • GLUCOSE DEHYDROGENASE  
• DESHYDROGENASE DE GLUCOSE
- (71, 72) SODE, Koji [JP/JP]; 1-13-16, Minami,  
Meguro-ku, Tokyo 152-0013 (JP).
- (74) TANAKA, Reiko et al. / etc.; Ohno &  
Partners, Kasumigaseki Building 36F, 2-5,  
Kasumigaseki 3-chome, Chiyoda-ku, Tokyo  
100-6036 (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 NO NZ OM PH PL PT RO RU  
SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- 
- (51)<sup>7</sup> C12N 15/54, 9/12, 15/63, C12Q 1/68,  
G01N 33/50, C07K 16/40, A61K 38/45
- (11) WO 03/027295 (13) A2
- (21) PCT/IB02/04197
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 09/963,131 24 Sep/sep 2001 US  
(24.09.2001)
- (30) 09/962,929 24 Sep/sep 2001 US  
(24.09.2001)
- (30) 09/962,855 24 Sep/sep 2001 US  
(24.09.2001)
- (30) 09/962,854 24 Sep/sep 2001 US  
(24.09.2001)
- (30) 09/962,916 24 Sep/sep 2001 US  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHODS FOR DIAGNOSIS AND  
TREATMENT OF DISEASES ASSO-  
CIATED WITH ALTERED EXPRESSION  
OF JAK1  
• PROCEDES DE DIAGNOSTIC ET DE  
TRAITEMENT DE MALADIES ASSO-  
CIEES A L'EXPRESSION ALTEREE DE  
LA JAK1
- (71) UNIVERSITY OF AARHUS [DK/DK];  
Konsistorialkontoret, Ndr. Ringgade 1,  
DK-8000 Aarhus C (DK).

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

- (72, 75) PEDERSEN, Finn, Skou [DK/DK]; Praestehaven 47, DK-8210 Aarhus V (DK). SORENSEN, Annette, Balle [DK/DK]; Reginehoejvej 7, 2.TV, DK-8200 Aarhus N (DK). HERNANDEZ, Javier, Martin [DK/DK]; Jens Baggesensvej 30, 2.TV, DK-8210 Aarhus V (DK).
- (74) ROQUES, Sarah, Elizabeth; L.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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 15/54, 9/10, 5/14, C12P 7/64, A23D 9/00, A23L 1/29, C07C 57/03, A01H 5/00, A23K 1/16
- (11) WO 03/027296 (13) A1
- (21) PCT/JP02/09683
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) ja (26) ja
- (30) 2001-286390 20 Sep/sep 2001 JP (20.09.2001)
- (30) 2002-127810 30 Apr/avr 2002 JP (30.04.2002)
- (30) 2002-226386 2 Aug/août 2002 JP (02.08.2002)
- (30) 2002-226387 2 Aug/août 2002 JP (02.08.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • GENES PARTICIPATING IN THE SYNTHESIS OF FATTY ACID HAVING trans-11-, cis-13- CONJUGATED DOUBLE BOND AND UTILIZATION THEREOF
- GENES INTERVENANT DANS LA SYNTHÈSE D'ACIDE GRAS PRESENTANT UNE LIAISON DOUBLE CONJUGUÉE TRANS-11-, CIS-13-, ET UTILISATION DESDITS GENES
- (71) PLANTECH RESEARCH INSTITUTE [JP/JP]; 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP). BIO-ORIENTED TECHNOLOGY RESEARCH ADVANCEMENT INSTITUTION [JP/JP]; 40-2, Nisshin-cho 1-chome, Saitama-shi, Saitama 331-8537 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OSUMI, Mari [JP/JP]; c/o PLANTECH RESEARCH INSTITUTE, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-0033 (JP). MURASE, Junko [JP/JP]; c/o PLANTECH RESEARCH INSTITUTE, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-0033 (JP). IMAMURA, Jun [JP/JP]; c/o PLANTECH RESEARCH INSTITUTE,
- 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-0033 (JP).
- (74) SIKS & CO.; 8th Floor, Kyobashi-Nisshoku Bldg., 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 15/54, C12P 21/02 // (C12N 9/10, 9:10, C12R 1:01)
- (11) WO 03/027297 (13) A1
- (21) PCT/JP02/09907
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) ja (26) ja
- (30) 2001-292796 26 Sep/sep 2001 JP (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PROCESS FOR PRODUCING  $\alpha$ 2,3/ $\alpha$ 2,8-SIALYLTRANSFERASE AND SIALIC ACID-CONTAINING COMPLEX SUGAR
- PROCEDE DE PRODUCTION DE SG(A)2,3/SG(A)2,8-SIALYLTRANSFERASE ET SUCRE COMPLEXE CONTENANT DE L'ACIDE SIALIQUE
- (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) ENDO, Tetsuo [JP/US]; 680 Serra Street #W178, Stanford, CA 94305-6090 (US). KOIZUMI, Satoshi [JP/JP]; c/o Tokyo Research Laboratories, Kyowa Hokko Kogyo Co., Ltd., 6-6, Asahi-machi 3-chome, Machida-shi, Tokyo 194-8533 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12N 15/66
- (11) WO 03/027298 (13) A1
- (21) PCT/AU02/01326
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en
- (30) PR 7966 27 Sep/sep 2001 AU (27.09.2001)
- (30) 2002951039 28 Aug/août 2002 AU (28.08.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • STEM-LOOP VECTOR SYSTEM
- SYSTEME DE VECTEUR DE BOUCLE DE SOUCHE
- (71, 72) HOLTON, Timothy, Albert [AU/AU]; 156 Ridge Street, Northgate, Queensland 4013 (AU).
- (74) HUGHES, Edward, John, Langford; Davies Collison Cave, Level 3, 303 Coronation Drive, Milton, Queensland 4064 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 15/82
- (11) WO 03/027299 (13) A2
- (21) PCT/EP02/10364
- (22) 16 Sep/sep 2002 (16.09.2002)
- (25) en (26) en
- (30) 01870200.1 17 Sep/sep 2001 EP (17.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • A PLANT CYCLIN DEPENDENT KINASE-LIKE PROTEIN, ITS INTERACTIONS AND USES THEREOF
- PROTEINE VEGETALE DU TYPE KINASE DEPENDANTE DES CYCLINES, SES PROTEINES INTERACTIVES ET SES UTILISATIONS
- (71) CROPDESIGN NV [BE/BE]; Technologiepark 3, B-9052 Zwijnaarde (BE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DE VEYLDER, Lieven [BE/BE]; Josef Boddaertstraat 23, B-9031 Drongen (BE). DE PINHO BAROCCO, Rosa, Maria [PT/BE]; Fayte 6, B-9661 Parike (BE). MIRONOV, Vladimir [BE/BE]; Gentbruggestraat 142, B-9040 St-Amandsberg (BE). INZE, Dirk [BE/BE]; Driesstraat 18, B-9310 Moorsel-Aalst (BE).
- (74) DE CLERCQ, Ann et al. / etc.; De Clercq, Brants & Partners CV, E. Gevaertdreef 10a, B-9830 St-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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL

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

## Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> C12N 15/85, 9/12

(11) WO 03/027300 (13) A2

(21) PCT/GB02/04522

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 0123098.6 26 Sep/sep 2001 GB (26.09.2001)

(30) 60/387,595 16 Jun/juin 2002 US (16.06.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • USE OF AMINOGLYCOSIDE RESISTANCE GENE

• UTILISATION DU GENE DE RESISTANCE A L'AMINOGLYCOSIDE

(71) LONZA BIOLOGICS PLC. [GB/GB]; 228 Bath Road, Slough, Berkshire SL1 4DY (GB). (for all designated States except / pour tous les États désignés sauf US)

(71, 72) AL-RUBEAI, Mohamed [GB/GB]; 12 Bath Court, Abdon Avenue, Birmingham B29 4NS (GB).

(72, 75) PERANI, Angelo [FR/GB]; 68, Westgate Crescent, Slough, Berkshire SL1 5BX (GB). RACHER, Andy [GB/GB]; 5 Kingfisher Close, Aldermaston, Reading, Berkshire RG7 4UY (GB). BIRCH, John [GB/GB]; 27 School Close, High Wycombe, Buckinghamshire HP11 1PH (GB).

(74) LONZA BIOLOGICS PLC.; 228 Bath Road, Slough, Berkshire SL1 4DY (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 SI 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 IE IT LU MC NL PT SE 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 SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> C12P 7/02, C12N 15/09

(11) WO 03/027301 (13) A1

(21) PCT/JP02/09029

(22) 5 Sep/sep 2002 (05.09.2002)

(25) ja (26) ja

(30) 2001-270903 6 Sep/sep 2001 JP (06.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROCESS FOR PRODUCING ALCOHOL WITH THE USE OF MICROORGANISM

• PROCEDE PERMETTANT DE PRODUIRE UN ALCOOL AU MOYEN D'UN MICRO-ORGANISME

(71) AJINOMOTO CO., INC. [JP/JP]; 15-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8315 (JP).

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

(72, 75) TAKESHITA, Ryo [JP/JP]; C/O AJINOMOTO Co., Inc., 1-1, Suzuki-cho, Kawasaki-shi, Kanagawa 210-8681 (JP). YASUEDA, Hisashi [JP/JP]; C/O AJINOMOTO Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP). GUNJI, Yoshiya [JP/JP]; C/O AJINOMOTO Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP).

(74) TOYAMA, Tsutomu et al. / etc.; Yokoyama Building 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12P 7/62, A61K 31/22 // (C12P 7/62, C12R 1:465)

(11) WO 03/027302 (13) A1

(21) PCT/IN01/00161

(22) 27 Sep/sep 2001 (27.09.2001)

(25) en (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROCESS FOR PRODUCING PRAVASTATIN SODIUM SALT USING STREPTOMYCES FLAVIDOVIRENS DSM 14455

• PROCEDE DE PRODUCTION D'UN SEL DE SODIUM DE PRAVASTATINE AU MOYEN DE STREPTOMYCES FLAVIDOVIRENS DSM 14455

(71) BIOCON INDIA LIMITED [IN/IN]; 20th Km Hosur Road, Hebbagodi, Bangalore 561 229 (IN).

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

(72, 75) GURURAJA, Ramavana [IN/IN]; 20th Km Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN). GOEL, Anuj [IN/IN]; 20th Km Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN). SRIDHARAN, Madhavan [IN/IN]; 20th Km Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN). MELARKODE, Ramakrishnan, Sadhana [IN/IN]; 20th Km Hosur Road,

Hebbagodi, Bangalore 561 229, Karnataka (IN). KULKARNI, Madhav [IN/IN]; 20th Km Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN). POORNAPRAJNA, Acharya [IN/IN]; 20th Km Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN). SATHYANATHAN, Deepthy [IN/IN]; 20th Km Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN). GANESH, Sambasivam [IN/IN]; 20th Km Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN). SURYANARAYAN, Shrikumar [IN/IN]; 20th Km Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN).

(74) ANAND, Pravin et al. / etc.; Anand & Anand Advocates, B-41, Nizamuddin East, New Delhi 110 013 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 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)<sup>7</sup> C12P 13/12, 13/04

(11) WO 03/027303 (13) A1

(21) PCT/JP02/09549

(22) 18 Sep/sep 2002 (18.09.2002)

(25) ja (26) ja

(30) 2001-284397 19 Sep/sep 2001 JP (19.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROCESS FOR PRODUCING 2-AMIONO ACID

• PROCEDE DE PRODUCTION D'ACIDE 2-AMINO

(71) NIPPON SODA CO., LTD. [JP/JP]; 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (JP).

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

(72, 75) KOBAYASHI, Yoichi [JP/JP]; c/o Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-0280 (JP). MIZUI, Ryouyusuke [JP/JP]; c/o Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-0280 (JP). HAYAKAWA, Koichi [JP/JP]; c/o Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-0280 (JP).

(74) TOKAI, Yusaku et al. / etc.; c/o Nippon Soda Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (m)

(51)<sup>7</sup> C12P 19/04, 19/18, C12N 9/10, C08B 37/18

(11) WO 03/027304 (13) A1

(21) PCT/JP02/09958

(22) 26 Sep/sep 2002 (26.09.2002)

(25) ja (26) ja

(30) 2001-293067 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROCESSES FOR PRODUCING INULIN  
• PROCEDES DE FABRICATION D'INULINE

(71) FUJI NIHON SEITO CORPORATION [JP/JP]; Nihon-building, 4-9, Nihonbashi-Kayabacho 1-chome, Chuo-ku, Tokyo 103-0025 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) WADA, Tadashi [JP/JP]; 659-1, Hijirishiki, Shizuoka-shi, Shizuoka 422-8007 (JP).  
OHGUCHI, Masao [JP/JP]; 1104-1, Nishiwaki, Shizuoka-shi, Shizuoka 422-8044 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12P 21/02

(11) WO 03/027305 (13) A2

(21) PCT/EP02/09976

(22) 6 Sep/sep 2002 (06.09.2002)

(25) de (26) de

(30) 101 46 445.2 20 Sep/sep 2001 DE (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • OPTIMIZATION OF TEMPERATURE SHIFTING IN HIGH CELL-DENSITY FERMENTATIONS  
• OPTIMISATION DU CHANGEMENT DE TEMPERATURE AU COURS DE FERMENTATIONS A HAUTE DENSITE CELLULAIRE

(71) AVENTIS PHARMA DEUTSCHLAND GMBH [DE/DE]; Brüningstrasse 50, 65929 Frankfurt (DE).

(72) MAHR, Klaus; Am Dornbusch 30, 65239 Hochheim (DE). EISBRENNER, Guenter; Geisenheimer Strasse 119, 60529 Frankfurt (DE). MAERKL, Herbert; Kleckener Kirchweg 27, 21218 Seevetal (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q

(11) WO 03/027306 (13) A2

(21) PCT/US02/24242

(22) 30 Jul/juil 2002 (30.07.2002)

(25) en (26) en

(30) 09/957,880 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BGL3 BETA-GLUCOSIDASE AND NUCLEIC ACIDS ENCODING THE SAME  
• BETA-GLUCOSIDASE BGL3 ET ACIDES NUCLEIQUES LA CODANT

(71) GENENCOR INTERNATIONAL, INC. [US/US]; 925 Page Mill Road, Palo Alto, CA 94304 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) DUNN-COLEMAN, Nigel [GB/US]; 142 Johnson Avenue, Los Gatos, CA 95032 (US). GOEDEGEBUUR, Frits [NL/NL]; Rozenlaan 128, NL-3135XV Vlaardingen (NL). WARD, Michael [GB/US]; 4372 24th Street, San Francisco, CA 94114 (US). YAO, Jian [US/US]; 1761 Wright Avenue, Sunnyvale, CA 94087 (US).

(74) BOYD, Victoria, L.; Genencor International, INC., 925 Page Mill Road, Palo Alto, CA 94304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q

(11) WO 03/027307 (13) A2

(21) PCT/US02/28443

(22) 5 Sep/sep 2002 (05.09.2002)

(25) en (26) en

(30) 09/962,288 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NUCLEIC ACID SEQUENCING BY RAMAN MONITORING OF UPTAKE OF PRECURSORS DURING MOLECULAR REPLICATION

• SEQUENÇAGE D'ACIDE NUCLEIQUE PAR SURVEILLANCE RAMAN DE LA FIXATION DE PRECURSEURS AU COURS DE LA REPLICATION MOLECULAIRE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) RAO, Valluri; 15115 El Quito Way, Saratoga, CA 95070 (US). NEUBAUER, Gabi; 111 Sierra Morena Court, Los Gatos, CA 95032 (US). KIRCH, Steven; 6878 Corte Sondada, Pleasanton, CA 94566 (US). YAMAKAWA, Mineo; 254 West Rincon Avenue, #B, Compbell, CA 95008 (US). BERLIN, Andrew; 1789 Dalton Place, San Jose, CA 95124 (US).

(74) MALLIE, Michael, J.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q

(11) WO 03/027308 (13) A2

(21) PCT/US02/30054

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 09/961,656 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • 56294 AND 56629, NOVEL HUMAN METALLOPROTEASES AND USES THEREOF

• NOUVELLES METALLOPROTEASES HUMAINES 56294 ET 56629, ET LEURS UTILISATIONS

(71) MILLENNIUM PHARMACEUTICALS, INC. [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).

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

(72, 75) BANDARU, Rajasekhar [IN/US]; 434 Mt. Auburn St., Apt. 1-1, Watertown, MA 02472 (US).

(74) BOSSONE, Steven, A.; Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, MA 02139 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12Q
- (11) WO 03/027309 (13) A2
- (21) PCT/US02/30238
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/324,421 24 Sep/sep 2001 US  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DIAGNOSTIC PROBE DETECTION  
SYSTEM
- SYSTEME DE DETECTION PAR  
SONDE DE DIAGNOSTIC
- (71) ONE LAMBDA [US/US]; 21001 Kittridge  
Street, Canoga Park, CA 91303 (US).
- (72) SAITO, Katsuyuki; 929 Thistlegate Road,  
Oak Park, CA 91377 (US). LEE, Jar-How;  
3072 McConnell Drive, Los Angeles, CA  
90064 (US). BLAIR, Lindley; 3548 Ash-  
wood Avenue, Los Angeles, CA 90066 (US).
- (74) SHARP, Jeffrey, S.; Marshall, Gerstein &  
Borun, 6300 Sears Tower, 233 South Wacker  
Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12Q
- (11) WO 03/027310 (13) A2
- (21) PCT/US02/30458
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/324,715 24 Sep/sep 2001 US  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • REGULATABLE, CATALYTICALLY  
ACTIVE NUCLEIC ACIDS
- ACIDES NUCLEIQUES CATALYTI-  
QUEMENT ACTIFS POUVANT ETRE  
REGULES
- (63) US 60/324,715 (CIP)  
24 Sep/sep 2001 (24.09.2001)
- (71) ARCHEMIX CORPORATION [US/US];  
One Hampshire Street, Cambridge, MA  
02139 (US).
- (for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) WILSON, Charles [US/US]; 229 Lex-  
ington Road, Concord, MA 01742 (US).

- CLOAD, Sharon, T. [US/US]; 7 Granville  
Road, Cambridge, MA 02138 (US). KEEFE,  
Anthony, D. [GB/US]; 97.5 Thorndike Street,  
Apartment 1, Cambridge, MA 02141 (US).
- (74) ELRIFI, Ivor, R.; Mintz, Levin, Cohn, Fer-  
ris, Glovsky, and Popeo, P.C., One Financial  
Center, Boston, MA 02111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12Q
- (11) WO 03/027311 (13) A2
- (21) PCT/US02/30464
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 09/969,111 24 Sep/sep 2001 US  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • A CLONE-ARRAY POOLED SHOTGUN  
STRATEGY FOR NUCLEIC ACID SE-  
QUENCING
- STRATEGIE DE SEQUENÇAGE ALEA-  
TOIRE DE BANQUES ORDONNEES  
DE CLONES POUR LE SEQUENÇAGE  
DES ACIDES NUCLEIQUES
- (63) US 09/969,111 (CON)  
24 Sep/sep 2001 (24.09.2001)
- (71) BAYLOR COLLEGE OF MEDECINE  
[US/US]; One Baylor Plaza, BCMC-600D,  
Houston, TX 77030 (US).
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les États désignés sauf US)
- (72, 75) GIBBS, Richard [AU/US]; 3602  
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TX 77054 (US).
- (74) REED, Michael, P.; Fish & Richardson P.C.,  
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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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12Q
- (11) WO 03/027312 (13) A2
- (21) PCT/US02/30510

- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 09/962,608 26 Sep/sep 2001 US  
(26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ISOLATED HUMAN TRANS-  
PORTER PROTEINS, NUCLEIC ACID  
MOLECULES ENCODING HUMAN  
TRANSPORTER PROTEINS, AND  
USES THEREOF
- PROTEINES DE TRANSPORT HU-  
MAINES ET ISOLEES, MOLECULES  
D'ACIDE NUCLEIQUE CODANT  
CELLES-CI ET UTILISATIONS AS-  
SOCIEES
- (71) APPLERA CORPORATION [US/US];  
c/o Celera Genomics, 45 West Gude Drive  
C2-#21, Rockville, MD 20850 (US).
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les États désignés sauf US)
- (72, 75) KETCHUM, Karen, A. [US/US]; c/o  
Celera Genomics, 45 West Gude Drive  
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MD 20850 (US). YE, Jane [US/US]; c/o  
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FRANCESCO, Valentina [IT/US]; c/o Cel-  
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Ellen, M. [US/US]; c/o Celera Genomics, 45  
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20850 (US).
- (74) APPLERA CORPORATION; Wayne W.  
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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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12Q
- (11) WO 03/027313 (13) A2
- (21) PCT/US02/30532
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/324,484 24 Sep/sep 2001 US  
(24.09.2001)
- (30) 60/400,826 1 Aug/août 2002 US  
(01.08.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SUPPRESSORS OF CpG OLIGONU-  
CLEOTIDES AND METHODS OF USE
- SUPPRESSEURS D'OLIGONUCLEO-  
TIDES CPG ET METHODES D'UTILI-  
SATION
- (71) THE GOVERNMENT OF THE UNITED  
STATES OF AMERICA as represented by

**THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US];** The National Institutes of Health, Office of Technology Transfer, Suite 325, 6011 Executive Boulevard, Rockville, MD 20852-3804 (US).

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(72, 75) **KLINMAN, Dennis, M.** [US/US]; 2 Candlelight Court, Potomac, MD 20854 (US). **GURSEL, Mayda** [TR/US]; 259 Congressional Lane, Apartment 508, Rockville, MD 20852 (US). **GURSEL, Ihsan** [TR/US]; 259 Congressional Lane, Apartment 508, Rockville, MD 20852 (US). **ZEUNER, Rainald** [DE/DE]; Beselerallee 52, 24105 Kiel (DE). **VERTHELYI, Daniela** [US/US]; 11615 Regency Drive, Potomac, MD 20854 (US).

(74) **SIEGEL, Susan, Alpert;** Klarquist, Sparkman, LLP, One World Trade Center, Suite 1600, 121 SW Salmon Street, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

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

(51)<sup>7</sup> C12Q

(11) WO 03/027314 (13) A2

(21) PCT/US02/30893

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,897 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROTECTED LINKER COMPOUNDS

• COMPOSES DE LIAISON PROTEGES

(63) US 60/325,897 (CIP) 27 Sep/sep 2001 (27.09.2001)

(71) **LINDEN TECHNOLOGIES, INC.** [US/US]; 35 Cabot Road, Woburn, MA 01801 (US).

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(72, 75) **HUANG, Tai-Nang** [US/US]; 67 Sherburne Road South, Lexington, MA 02421 (US). **SHEN, Ming** [US/US]; 26 Bar Gate Road, Guilford, CT 06437 (US).

(74) **TSAO, Y., Rocky;** Fish & Richardson, P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

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

RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q

(11) WO 03/027315 (13) A2

(21) PCT/US02/31010

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/966,803 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AMIDASES, NUCLEIC ACIDS ENCODING THEM AND METHODS FOR MAKING AND USING THEM

• AMIDASES, ACIDES NUCLEIQUES LES CODANT ET PROCEDES DE FABRICATION ET D'UTILISATION DE CES AMIDASES

(63) US 09/966,803 (CIP) 27 Sep/sep 2001 (27.09.2001)

(71) **DIVERSA CORPORATION** [US/US]; 4955 Directors Place, San Diego, CA 92121 (US).

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(72, 75) **ROBERTSON, Dan** [US/US]; 818 Viva Court, Solana Beach, CA 92075 (US). **MURPHY, Dennis** [US/US]; 10 Fairway Road, Paoli, PA 19301 (US). **MATHUR, Eric, J.** [US/US]; 2654 Galicia Way, Carlsbad, CA 92009 (US). **SHORT, Jay, M.** [US/US]; 6801 Paseo Delicias, Rancho Santa Fe, CA 92067 (US).

(74) **EINHORN, Gregory, P.;** Fish & Richardson P.C., 4350 La Jolla Village Drive, suite 500, San Diego, CA 92122 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q

(11) WO 03/027316 (13) A2

(21) PCT/US02/31094

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,854 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS OF USING 33751, A HUMAN POTASSIUM CHANNEL FAMILY MEMBER

• PROCEDES D'UTILISATION DE 33751, UN ELEMENT DE LA FAMILLE DES CANAUX POTASSIQUES HUMAINS

(71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).

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

(72, 75) **SILOS-SANTIAGO, Inmaculada** [ES/US]; 180 Moss Hill Road, Jamaica Plain, MA 02130 (US).

(74) **BOSSONE, Steven, A.;** Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, MA 02139 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q 1/00

(11) WO 03/027317 (13) A2

(21) PCT/DE02/03576

(22) 19 Sep/sep 2002 (19.09.2002)

(25) de (26) de

(30) 101 47 088.6 25 Sep/sep 2001 DE (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • USE OF ACTIVE SUBSTANCES FOR THE PROPHYLAXIS AND/OR TREATMENT OF DISEASES CAUSED BY CELL GROWTH DISTURBANCES AND TEST SYSTEM FOR DISCOVERY OF SAID ACTIVE SUBSTANCES

• UTILISATION DE PRINCIPES ACTIFS POUR ASSURER LA PROPHYLAXIE ET/OU LA THERAPIE DE PATHOLOGIES ASSOCIEES A DES TROUBLES DE CROISSANCE CELLULAIRE ET SYSTEME DE TEST POUR DETECTER DE TELS PRINCIPES ACTIFS

(71) **MEDINNOVA GESELLSCHAFT FÜR MEDIZINISCHE INNOVATIONEN AUS AKADEMISCHER FORSCHUNG MBH** [DE/DE]; Biegenstrasse 4, 35037 Marburg (DE).

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(72, 75) **ROSSOLL, Wilfried** [DE/DE]; Gieshuegelerstr. 46, 97218 Gerbrunn (DE). **SENDTNER, Michael, Anton** [DE/DE]; Helen-Keller-str. 24, 97209 Veitshoech heim (DE).

(74) **JUNGBLUT, Bernhard et al. / etc.;** Albrecht, Lüke & Jungblut, Gelfertstrasse 56, 14195 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI

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

(51)<sup>7</sup> C12Q 1/37

(11) WO 03/027318 (13) A1

(21) PCT/US02/30113

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 09/962,570 25 Sep/sep 2001 US  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • RAW MATERIAL SELECTION AND  
ANALYSIS FOR THE ISOLATION  
OF PROTEASE INHIBITOR II FROM  
WHOLE POTATOES

- SELECTION DE MATIERE BRUTE ET  
ANALYSE PERMETTANT D'ISOLER  
L'INHIBITEUR DE PROTEASE II DANS  
DES POMMES DE TERRE ENTIERES

(71) KEMIN FOODS, L.L.C. [US/US]; 2100  
Maury Street, Des Moines, IA 50301 (US).

(72) STOMP, Robert; 4032 East Hubbell, #292,  
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(74) HERINK, Kent; Davis, Brown, Koehn,  
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666 Walnut Street, Suite 2500, Des Moines,  
IA 50309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q 1/68, C12P 19/34, C07H 21/02,  
24/04, 19/00

(11) WO 03/027319 (13) A1

(21) PCT/IB02/03827

(22) 16 Sep/sep 2002 (16.09.2002)

(25) en (26) en

(30) 09/961,865 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • APTAMERS CONTAINING SE-  
QUENCES OF NUCLEIC ACIDS OR  
NUCLEIC ACID ANALOGUES BOUND  
HOMOLOGOUSLY, OR IN NOVEL  
COMPLEXES

- APTAMERES CONTENANT DES SE-  
QUENCES D'ACIDES NUCLEIQUES  
OU D'ANALOGUES D'ACIDES NU-  
CLEIQUES LIEES DE MANIERE HO-  
MOGENE OU DANS DES NOUVEAUX  
COMPLEXES

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(74) TENER, David, M.; Caesar, Rivise, Bern-  
stein, Cohen & Pokotilow, LTD., Seven  
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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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12Q 1/68

(11) WO 03/027320 (13) A2

(21) PCT/IB02/04123

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/962,929 24 Sep/sep 2001 US  
(24.09.2001)

(30) 09/962,855 24 Sep/sep 2001 US  
(24.09.2001)

(30) 09/963,131 24 Sep/sep 2001 US  
(24.09.2001)

(30) 09/962,854 24 Sep/sep 2001 US  
(24.09.2001)

(30) 09/962,916 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • METHODS FOR DIAGNOSIS AND  
TREATMENT OF DISEASES ASSO-  
CIATED WITH ALTERED EXPRESSION  
OF PIK3R1

- METHODES DE DIAGNOSTIC ET DE  
TRAITEMENT DE MALADIES ASSO-  
CIEES A L'EXPRESSION MODIFIEE  
DE PIK3R1

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(72, 75) PEDERSEN, Finn, Skou [DK/DK];  
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(74) ROQUES, Sarah, Elizabeth; J.A. Kemp  
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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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q 1/68

(11) WO 03/027321 (13) A2

(21) PCT/IB02/04158

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/962,916 24 Sep/sep 2001 US  
(24.09.2001)

(30) 09/962,855 24 Sep/sep 2001 US  
(24.09.2001)

(30) 09/963,131 24 Sep/sep 2001 US  
(24.09.2001)

(30) 09/962,854 24 Sep/sep 2001 US  
(24.09.2001)

(30) 09/962,929 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • METHODS FOR DIAGNOSIS AND  
TREATMENT OF DISEASES ASSO-  
CIATED WITH ALTERED EXPRESSION  
OF NEUROGRANIN

- METHODES DE DIAGNOSTIC ET DE  
TRAITEMENT DE MALADIES ASSO-  
CIEES A UNE EXPRESSION ALTEREE  
DE NEUROGRANINE

(71) UNIVERSITY OF AARHUS [DK/DK];  
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les États désignés sauf US)

(72, 75) PEDERSEN, Finn, Skou [DK/DK];  
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SOERENSEN, Annette, Balle [DK/DK];  
Reginehoej 7, 2 tv, DK-8200 Aarhus N (DK).  
NIELSEN, Anne, Ahlmann [DK/DK]; Otte  
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(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 GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q 1/68

(11) WO 03/027322 (13) A2

(21) PCT/IP02/09873

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 60/324,261 25 Sep/sep 2001 US  
(25.09.2001)



- (30) 2,399,569 **23 Aug/août 2002 CA (23.08.2002)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HEPATOCELLULAR CARCINOMA-RELATED GENES AND POLYPEPTIDES, AND METHOD FOR DETECTING HEPATOCELLULAR CARCINOMAS
- GENES ET POLYPEPTIDES ASSOCIÉS AUX CARCINOMES HEPATOCELLULAIRES, ET METHODE DE DETECTION DE CARCINOMES HEPATOCELLULAIRES
- (71) JAPAN as represented by THE PRESIDENT OF THE UNIVERSITY OF TOKYO [JP/JP]; 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 113-8654 (JP). ONCOTHERAPY SCIENCE, INC. [JP/JP]; 3-16-13, Shirokanedai, Minato-ku, Tokyo 108-0071 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) NAKAMURA, Yusuke [JP/JP]; 17-33, Azamino 1-chome, Aoba-ku, Yokohama-shi, Kanagawa 225-0011 (JP). FURUKAWA, Yoichi [JP/JP]; 10-40, Miyazaki 3-chome, Miyamae-ku, Kawasaki-shi, Kanagawa 216-0033 (JP).
- (74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (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 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 SI 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 IE IT LU MC NL PT SE 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/KR01/01562
- (22) 18 Sep/sep 2001 (18.09.2001)
- (25) ko (26) en
- (30) 10-2001-0056827 **14 Sep/sep 2001 KR (14.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • GENOTYPING KIT FOR DIAGNOSIS OF HUMAN PAPILLOMA VIRUS INFECTION
- KIT DE GENOTYPAGE POUR LE DIAGNOSTIC DU PAPILLOMAVIRUS HUMAIN
- (71) BIOMEDLAB CO., LTD. [KR/KR]; 4F., Dongsung Bldg., 1-49 Dongsung-dong, Jongro-ku, Seoul 110-510 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) YOON, Sung-Wook [KR/KR]; RM. 501, Munseong Bldg., 547-3, Dogok-dong, Kangnam-ku, Seoul 135-270 (KR). PARK, Tae-Shin [KR/KR]; 81-4, Yeonhui 2-dong, Seodaemun-ku, Seoul 120-113 (KR). KIM, Joeng-Mi [KR/KR]; 7-208, Misung Apt., Bulgwang 1-dong, Eunpyong-ku, Seoul 122-041 (KR). PARK, Mi-Sun [KR/KR]; 316, Jure-dong, Sasang-ku, Busan 617-010 (KR).
- (74) YOU ME PATENT & LAW FIRM; Teheran Bldg., 825-33, Teheran Bldg., 825-33, 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 NO NZ PH PL PT RO RU SD SE SG SI 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 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).
- Published / Publiée : (b)
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- (21) PCT/NL02/00615
- (22) 24 Sep/sep 2002 (24.09.2002)
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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • EXPRESSION PROFILING
- PROFILAGE D'EXPRESSION
- (71) GT DIAGNOSTICS B.V. [NL/NL]; Bornesteeg 59, NL-6708 PD Wageningen (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LANGEVELD, Simon, Albertus [NL/NL]; Leidsevaart 6, NL-2121 AX Bennebroek (NL). VAN DER KOP, Dianne, Antoinette, Maria [NL/NL]; Everlaan 12, NL-6705 DJ Wageningen (NL). DE BOER, Anne, Douwe [NL/NL]; Oude Maasdijk 32, NL-6621 AC Dreumel (NL).
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- (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12Q 1/68
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- (21) PCT/US02/21174
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- (30) 60/303,637 **6 Jul/juil 2001 US (06.07.2001)**
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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • AUTOMATED NUCLEIC ACID ASSAY SYSTEM
- SYSTEME D'ANALYSE AUTOMATISE D'ACIDE NUCLEIQUE
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, Oakland, CA 94607-5200 (US).
- (72) COLSTON, Billy, W., Jr.; 551 Lorren Way, Livermore, CA 94550 (US). BROWN, Steve, B.; 1196 Bordeaux Street, Livermore, CA 94550 (US). NASARABADI, Shanavaz, L.; 2478 Upland Court, Livermore, CA 94550 (US). BELGRADER, Phillip; 719 Pebble Way, Manteca, CA 95336 (US). MILANOVICH, Fred; 3883 Woodview Drive, Lafayette, CA 94549 (US). MARSHALL, Graham; 684 Sixth Avenue, Fox Island, WA 98333 (US). OLSON, Don; 3015 88th Avenue CT NW, Gig Harbor, WA 98335 (US). WOLCOTT, Duane; 1091 Makah Place, Fox Island, WA 98333 (US).
- (74) SCOTT, Eddie, E.; P.O. Box 808, L-703, Livermore, CA 94551 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 Aug/août 2002 (30.08.2002)
- (25) en (26) en
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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • NUCLEIC ACID SEQUENCING BY RAMAN MONITORING OF MOLECULAR DECONSTRUCTION
- SEQUENCAGE D'ACIDES NUCLEIQUES PAR CONTROLE RAMAN DE DECONSTRUCTION MOLECULAIRE
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) RAO, Valluri; 15115 El Quito Way, Saratoga, CA 95070 (US). NEUBAUER, Gabi; 11 Sierra Moreno Court, Los Gatos, CA 95032 (US). KIRCH, Steven; 6878 Corte Sondada, Pleasanton, CA 94566 (US).

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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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 09/960,143 24 Sep/sep 2001 US (24.09.2001)
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- (54) • ANTISENSE MODULATION OF INTERLEUKIN 8 EXPRESSION  
• MODULATION ANTISENS DE L'EXPRESSION DE L'INTERLEUKINE 8
- (71) ISIS PHARMACEUTICALS, INC. [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).
- (72) BAKER, Brenda, F.; 2147 Avenida Toronja, Carlsbad, CA 92009 (US). FREIER, Susan, M.; 2946 Renault Street, San Diego, CA 92122 (US).
- (74) LICATA, Jane, Massey et al. / etc.; Licata & Tyrrell P.C., 66 E. Main Street, Marlton, NJ 08053 (US).
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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 IE IT LU MC NL PT SE 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 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/324,499 24 Sep/sep 2001 US (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHODS, KITS AND COMPOSITIONS PERTAINING TO THE SUPPRESSION OF DETECTABLE PROBE BINDING TO RANDOMLY DISTRIBUTED REPEAT SEQUENCES IN GENOMIC NUCLEIC ACID  
• PROCEDES, KITS ET COMPOSITIONS UTILISES DANS LA SUPPRESSION D'UNE SONDE DETECTABLE SE LIANT A DES SEQUENCES DE REPETITION REPARTIES DE MANIERE ALEATOIRE DE L'ACIDE NUCLEIQUE GENOMIQUE
- (71) BOSTON PROBES, INC. [US/US]; 15 DeAngelo Drive, Bedford, MA 01730 (US). DAKOCYTOMATION DENMARK A/S [DK/DK]; Produktionsvej 42, DK-2600 Glostrup (DK).
- (72) KIRTSEN, Nielsen, V.; Rugvej 7, DK-2700 Bronshøj (DK). HYLDIG-NIELSEN, Jens, J.; 1460 Highland Street, Holliston, MA 01746 (US). WILLIAMS, Brett, F.; 410 Katahdin Drive, Lexington, MA 02421 (US).
- (74) GILDEA, Brian, D.; Applied Biosystems, 15 DeAngelo Drive, Bedford, MA 01730 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12Q 1/68, C12P 19/34, C07H 21/04, C12M 1/34
- (11) WO 03/027329 (13) A1
- (21) PCT/US02/30605
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- (54) • NUCLEIC ACIDS FOR THE IDENTIFICATION OF FUNGI AND METHODS FOR USING THE SAME  
• ACIDES NUCLEIQUES UTILISES DANS L'IDENTIFICATION DE CHAMPIGNONS ET LEURS PROCEDES D'UTILISATION
- (71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as represented by THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, CENTERS FOR DISEASE CONTROL AND PREVENTION [US/US]; Technology Transfer Office, 4770 Buford Highway (K79), Atlanta, GA 30341 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINDSLEY, Mark, D. [US/US]; 254 Hidden Wood Court, Lawrenceville, GA 30043 (US). QIN, Zhenyu [CN/US]; 2628 NE Expressway Apt. P-12, Atlanta, GA 30345 (US). CHOI, Jong, S. [KR/KR]; 202-1506 Sinchungi Town Apt., Whang-gum-Dong, Soosung-Gu, Daegu City 706-795 (KR). MORRISON, Christine, J. [US/US]; 3110 Tolbert Drive, Decatur, GA 30033 (US).
- (74) CALDWELL, Lisa, M.; Klarquist Sparkman, LLP, One World Trade Center, Suite 1600, 121 SW Salmon Street, Portland, OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12Q 1/70, C12P 21/06, C07H 21/04
- (11) WO 03/027330 (13) A1
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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • RNA DEPENDENT RNA POLYMERASE MEDIATED PROTEIN EVOLUTION  
• EVOLUTION DE PROTEINES INDUITE PAR L'ARN POLYMERASE ARN-DEPENDANTE
- (71) XENCOR [US/US]; 111 West Lemon Avenue, Monrovia, CA 91016 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAYES, Robert, James [GB/US]; 64 N. Mar Vista Avenue, Apt. 101, Pasadena, CA 91106 (US). AGUINALDO, Anna, Marie [US/US]; 3344 Laurice Avenue, Altadena, CA 91001 (US).
- (74) TRECARTIN, Richard, F. et al. / etc.; Dorsey & Whitney LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL

- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) en (26) en
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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CONTAMINANT ECO-REMEDY AND USE METHOD
- REMEDE ECOLOGIQUE CONTRE LES CONTAMINANTS ET SON PROCEDE D'UTILISATION
- (71, 72) DETORRES, Fernando, A. [US/US]; 2013 Twin Bride Ct., Ocala, FL 34471 (US).
- (74) LIVINGSTON, Edward, M.; 628 Ellen Dr., P.O. Box 1599, Winter Park, FL 32790 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 03/027332 (13) A1
- (21) PCT/AT02/00254
- (22) 28 Aug/août 2002 (28.08.2002)
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- (54) • METHOD FOR REDUCING A PARTICULATE MATERIAL CONTAINING A METAL, ESPECIALLY IRON ORE
- PROCEDE DE REDUCTION D'UN MATERIAU PARTICULAIRE CONTENANT UN METAL, EN PARTICULIER CONTENANT DU MINERAI DE FER
- (71) VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH & CO [AT/AT]; Turmstrasse 44, A-4020 Linz (AT).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KEPPLINGER, Leopold, Werner [AT/AT]; Lahholdstrasse 7, A-4060 Leonding (AT). REIDETSCHLÄGER, Johann [AT/AT]; Bachlbergweg 62, A-4040 Linz (AT). SCHENK, Johannes [AT/AT]; Knabenseminarstrasse 8, A-4040 Linz (AT). ZELLER, Siegfried [AT/AT]; Anton-Oberschneiderweg 24, A-4060 Leonding (AT). MILIONIS, Konstantin [AT/AT]; Tun-gasinger Strasse 30, A-4030 Linz (AT). OFNER, Hanspeter [AT/AT]; Zeitham 41, A-4055 Pucking (AT).
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- (51)<sup>7</sup> C21B 13/00, F27D 15/02
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- (21) PCT/JP02/09627
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) ja (26) ja
- (30) 2001/285978 19 Sep/sep 2001 JP (19.09.2001)
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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • REDUCED IRON MASS COOLING METHOD AND COOLING DEVICE
- DISPOSITIF DE REFROIDISSEMENT ET PROCEDE DE REFROIDISSEMENT DE MASSES DE FER REDUITES
- (71) NIPPON STEEL CORPORATION [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ICHIKAWA, Hiroshi [JP/JP]; C/O NIPPON STEEL CORPORATION Engineering Divisions Group, 46-59, Oaza Nakabaru, Tobata-ku, Kitakyushu-shi, Fukuoka 804-0002 (JP). OHBA, Yasushi [JP/JP]; C/O NIPPON STEEL CORPORATION Engineering Divisions Group, 46-59, Oaza Nakabaru, Tobata-ku, Kitakyushu-shi, Fukuoka 804-0002 (JP). OHARA, Shiro [JP/JP]; C/O NIPPON STEEL CORPORATION Engineering Divisions Group, 46-59, Oaza Nakabaru, Tobata-ku, Kitakyushu-shi, Fukuoka 804-0002 (JP). KOWAKI, Yukio [JP/JP]; C/O NIPPON STEEL CORPORATION Engineering Divisions Group, 46-59, Oaza Nakabaru, Tobata-ku, Kitakyushu-shi, Fukuoka 804-0002 (JP).
- (74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 105-8423 (JP).
- (81) AU CA CN KR US.
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- (21) PCT/US02/26511
- (22) 21 Aug/août 2002 (21.08.2002)
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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • REFRACTORY MATERIAL SENSOR
- SONDEN EN MATERIAU REFRACTAIRE
- (71, 72) USHER, John [US/US]; 601 4th Avenue, Beaver Falls, PA 15010 (US).
- (74) HOLMES, John et al. / etc.; Roylance, Abrams, Berdo & Goodman, L.L.P., 1300 19th Street, N.W., Washington, DC 20036 (US).
- (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C21C 7/068, 7/10
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- (21) PCT/JP02/09701
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) ja (26) ja
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- (30) 2001/339046 5 Nov/nov 2001 JP (05.11.2001)
- (30) 2001/391274 25 Dec/déc 2001 JP (25.12.2001)
- (30) 2002/235726 13 Aug/août 2002 JP (13.08.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR REFINING MOLTEN IRON CONTAINING CHROMIUM
- PROCEDE D'AFFINAGE DE FER EN FUSION CONTENANT DU CHROME
- (71) NIPPON STEEL CORPORATION [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP). NITTETSU PLANT DESIGNING CORPORATION [JP/JP]; 46-59, Oaza-Nakabaru, Tobata-ku, Kitakyushu-shi, Fukuoka 804-0002 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAMASHITA, Kosuke [JP/JP]; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futsu-Shi, Chiba 293-8511 (JP). NAKAO, Ryuji [JP/JP]; C/O NIPPON STEEL CORPORATION HIKARI WORKS, 3434, Oaza-Shimata, Hikari-shi, Yamaguchi 743-8510 (JP). TANAKA, Tomoaki [JP/JP]; C/O NIPPON STEEL CORPORATION HIKARI WORKS, 3434, Oaza-Shimata, Hikari-Shi, Yamaguchi 743-8510 (JP). IGARASHI, Masao [JP/JP]; C/O NIPPON STEEL CORPORATION HIKARI WORKS, 3434, Oaza-Shimata, Hikari-Shi, Yamaguchi 743-8510 (JP). YOSHINO, Koichiro [JP/JP]; C/O NIPPON STEEL CORPORATION HIKARI WORKS, 3434, Oaza-Shimata, Hikari-Shi, Yamaguchi 743-8510 (JP). SUMI, Makoto [JP/JP]; C/O NITTETSU

- PLANT DESIGNING CORPORATION, 46-59, Oaza-Nakabaru, Tobata-ku, Kitakyushu-shi, Fukuoka 804-0002 (JP).
- (74) **ISHIDA, Takashi** et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 105-8423 (JP).
- (81) BR CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)<sup>7</sup> **C21D 1/00, B23K 1/008**
- (11) **WO 03/027336** (13) A1
- (21) PCT/JP02/09116
- (22) **6 Sep/sep 2002 (06.09.2002)**
- (25) ja (26) ja
- (30) 2001-272596 **7 Sep/sep 2001** JP  
(**07.09.2001**)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • JIG FOR HEAT TREATMENT OF WORK  
• BATI-SUPPORT POUR LE TRAITEMENT THERMIQUE DE PIECES
- (71) **USUI INTERNATIONAL INDUSTRY LTD.** [JP/JP]; 131-2, Nagasawa, Shimizu-cho, Suntou-gun, Shizuoka 411-0905 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AKIYAMA, Masaaki** [JP/JP]; 156-1, Sinsyuku, Shimizu-cho, Suntou-gun, Shizuoka 411-0901 (JP). **OGISHIMA, Akira** [JP/JP]; 149, Horikiri, Syuzenji-cho, Tagata-gun, Shizuoka 410-2418 (JP). **SUGIYAMA, Kazumasa** [JP/JP]; 1038-5, Ohtuka, Numazu-shi, Shizuoka 410-0306 (JP). **SAKAMOTO, Koichi** [JP/JP]; 50, Yukawa, Shimizu-cho, Suntou-gun, Shizuoka 411-0918 (JP). **MATSUMOTO, Kazumi** [JP/JP]; F-304, Matinaka-Danchi, Hara, Numazu-shi, Shizuoka 410-0312 (JP).
- (74) **SHIMIZU, Osamu**; Shimizu & Hosoi, Ginzachikuyoutei Bldg.9F., 19-3 Ginza 8-chome, Chuo-ku, Tokyo 104-0061 (JP).
- (81) KR US.
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- (51)<sup>7</sup> **C21D 1/02, 7/02, C22F 1/00**
- (11) **WO 03/027337** (13) A1
- (21) PCT/AU02/01303
- (22) **23 Sep/sep 2002 (23.09.2002)**
- (25) en (26) en
- (30) PR 7888 **24 Sep/sep 2001** AU  
(**24.09.2001**)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • IMPROVED ANGULAR CHANNEL PROCESSING  
• TRAITEMENT PAR CANAUX ANGULAIRES AMELIORE
- (71) **MONASH UNIVERSITY** [AU/AU]; Clayton Road, Clayton, Victoria 3168 (AU).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **STECHEER, Gabriel** [AU/AU]; Carboor East Road, Carboor, Victoria 3678 (AU).
- (72, 75) **THOMSON, Peter** [AU/AU]; Monash University, Clayton, Victoria 3168 (AU).
- (74) **PHILLIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, Victoria 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 ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C21D 9/673, 9/663**
- (11) **WO 03/027338** (13) A1
- (21) PCT/DE02/02602
- (22) **16 Jul/juיל 2002 (16.07.2002)**
- (25) de (26) de
- (30) 101 41 311.4 **28 Aug/août 2001** DE  
(**28.08.2001**)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SUPPORT FOR WIRE COILS TO BE HEAT-TREATED IN BELL-TYPE FURNACES  
• SUPPORT CONÇU POUR DES BOTTES DE FIL DEVANT SUBIR UN TRAITEMENT THERMIQUE DANS UN FOUR A CLOCHE
- (71) **SAARSTAHL AG** [DE/DE]; Abt. 141, Bismarckstrasse 57-59, 66330 Völklingen (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ABEL, Erich** [DE/DE]; Rosenstrasse 13, 66440 Blieskastel-Niederwürzbach (DE).
- (74) **VIEL, Christof**; Vièl & Wieske, Postfach 65 04 03, 66143 Saarbrücken (DE) et al. / etc.
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- Declaration / Déclaration :  
(u) for / pour US only / seulement
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- (51)<sup>7</sup> **C22B 3/42, 3/24, 15/00, 11/00, 3/00, 11/04**
- (11) **WO 03/027339** (13) A1
- (21) PCT/AU02/01298
- (22) **24 Sep/sep 2002 (24.09.2002)**
- (25) en (26) en
- (30) PR 7916 **26 Sep/sep 2001** AU  
(**26.09.2001**)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METAL ION RECOVERY  
• EXTRACTION D'IONS METALLIQUES
- (71) **ORETEK LIMITED** [AU/AU]; Level 8, 105 St Georges Terrace, Perth, Western Australia 6000 (AU).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JAY, William, H.** [AU/AU]; PO Box 187, Daylesford, Victoria 3640 (AU).
- (74) **DARK, Andrew** et al. / etc.; Davies Collision Cave, 1 Little Collins Street, Melbourne, Victoria 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 ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C22C 1/04, B22F 3/10, C22C 27/04**
- (11) **WO 03/027340** (13) A1
- (21) PCT/FR02/03229
- (22) **20 Sep/sep 2002 (20.09.2002)**
- (25) fr (26) fr
- (30) 01/12376 **26 Sep/sep 2001** FR  
(**26.09.2001**)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HIGH-POWER TUNGSTEN-BASED SINTERED ALLOY  
• ALLIAGE BASE TUNGSTENE FRITTE A HAUTE PUISSANCE
- (71) **CIME BOCUZE** [FR/FR]; Saint Pierre-en-Faucigny, F-74807 La Roche-sur-Foron (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MAHOT, Pascal** [FR/FR]; 7, rue du Léman, F-74160 Saint Julien en Genevois (FR). **NICOLAS, Guy** [FR/FR]; 246, Clos du May, F-74800 Eteaux (FR). **VOLTZ, Marc** [FR/FR]; Les Fontaines, F-74300 Chatillon/Cluses (FR).
- (74) **CABINET CELANIE**; 13, route de la Minière, Boîte postale 214, F-78002 Versailles Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- 
- (51)<sup>7</sup> **C22C 1/04**
- (11) **WO 03/027341** (13) A1
- (21) PCT/JP02/02968
- (22) **27 Mar/mar 2002 (27.03.2002)**
- (25) ja (26) ja
- (30) 2001-292117 **25 Sep/sep 2001** JP  
(**25.09.2001**)
- (30) 2001-292118 **25 Sep/sep 2001** JP  
(**25.09.2001**)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MAGNESIUM BASE COMPOSITE MATERIAL  
• MATERIAU COMPOSITE A BASE DE MAGNESIUM
- (71) **CENTER FOR ADVANCED SCIENCE AND TECHNOLOGY INCUBATION,**

LTD. [JP/JP]; Shinmarunouchi Building 6th Floor, 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KONDOH, Katsuyoshi** [JP/JP]; Research Center for Advanced Science and Technology, The University of Tokyo, 4-6-1, Komaba, Meguro-ku, Tokyo 153-0041 (JP). **AIZAWA, Tatsuhiko** [JP/JP]; 2-5-5, Iwadokita, Komae-shi, Tokyo 201-0004 (JP). **OGINUMA, Hideki** [JP/JP]; Department of Mechanical Engineering, Faculty of Engineering, Musashi Institute of Technology, 1-28-1, Tamazutsumi, Setagaya-ku, Tokyo 158-0087 (JP). **YUASA, Eiji** [JP/JP]; Department of Mechanical Engineering, Faculty of Engineering, Musashi Institute of Technology, 1-28-1, Tamazutsumi, Setagaya-ku, Tokyo 158-0087 (JP).

(74) **INAMI, Minoru**; Naruse, Inaba & Inami, Hanabishi Imas Hirakawacho Building, 4th floor, 3-11, Hirakawacho 2-chome, Chiyoda-ku, Tokyo 102-0093 (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 MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :  
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(51)<sup>7</sup> C22C 1/04

(11) **WO 03/027342** (13) A1

(21) PCT/JP02/09502

(22) 17 Sep/sep 2002 (17.09.2002)

(25) ja (26) ja

(30) 2001-292117 25 Sep/sep 2001 JP (25.09.2001)

(30) 2001-292118 25 Sep/sep 2001 JP (25.09.2001)

(30) PCT/JP02/02968 27 Mar/mar 2002 JP (27.03.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **MAGNESIUM BASE COMPOSITE MATERIAL**  
• **MATERIAU COMPOSITE A BASE DE MAGNESIUM**

(71) **CENTER FOR ADVANCED SCIENCE AND TECHNOLOGY INCUBATION, LTD.** [JP/JP]; Shinmarunouchi Building 6th Floor, 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KONDOH, Katsuyoshi** [JP/JP]; c/o Research Center for Advanced Science and Technology, The University of Tokyo, 4-6-1, Komaba, Meguro-ku, Tokyo 153-0041 (JP). **AIZAWA, Tatsuhiko** [JP/JP]; 2-5-5,

Iwadokita, Komae-shi, Tokyo 201-0004 (JP). **OGINUMA, Hideki** [JP/JP]; c/o Department of Mechanical Engineering, Faculty of Engineering, Musashi Institute of Technology, 1-28-1, Tamazutsumi, Setagaya-ku, Tokyo 158-0087 (JP). **YUASA, Eiji** [JP/JP]; c/o Department of Mechanical Engineering, Faculty of Engineering, Musashi Institute of Technology, 1-28-1, Tamazutsumi, Setagaya-ku, Tokyo 158-0087 (JP).

(74) **INAMI, Minoru**; NARUSE, INABA & INAMI, Hanabishi Imas Hirakawacho Building, 4th Floor, 3-11, Hirakawacho 2-chome, Chiyoda-ku, Tokyo 102-0093 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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*(v) for all designations / pour toutes les désignations*

(51)<sup>7</sup> C22C 38/18, 38/28, C21D 6/00

(11) **WO 03/027343** (13) A1

(21) PCT/IT02/00613

(22) 26 Sep/sep 2002 (26.09.2002)

(25) it (26) en

(30) RM2001A000584 26 Sep/sep 2001 IT (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **FERRITIC STAINLESS STEEL AND USE THEREOF IN THE MANUFACTURE FOR HIGH TEMPERATURE RESISTANT PRODUCTS**

• **ACIER FERRITIQUE ET UTILISATION DE CE DERNIER DANS LA FABRICATION DE PRODUITS RESISTANT AUX HAUTES TEMPERATURES**

(71) **THYSSENKRUPP ACCIAI SPECIALI TERNI S.P.A.** [IT/IT]; Viale B. Brin, 218, I-05100 Terni (IT).

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

(72, 75) **SONGINI, Gianni** [IT/IT]; ThyssenKrupp Acciai Speciali Terni S.p.A., Viale B. Brin, 218, I-05100 Terni (IT). **BARTERI, Massimo** [IT/IT]; Centro Sviluppo Materiali S.p.A., Via di Castel Romano, 100-102, I-00129 Roma (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C22C 38/44, 30/00

(11) **WO 03/027344** (13) A1

(21) PCT/SE02/01749

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 0103234-1 25 Sep/sep 2001 SE (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **USE OF AN AUSTENITIC STAINLESS STEEL**

• **ACIER INOXYDABLE AUSTENITIQUE**

(71) **SANDVIK AB** [SE/SE]; S-811 81 Sandviken (SE).

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

(72, 75) **SILFVERLIN, Håkan** [SE/SE]; Seegatan 14 a, S-811 33 Sandviken (SE). **ULFVIN, Charlotte** [SE/SE]; Domargränd 2, S-802 66 Gävle (SE). **ZETTERHOLM, Gustaf** [SE/SE]; Smala Vägen 3, S-811 33 Sandviken (SE).

(74) **ZIEHE, Gabriele**; Sandvik AB, Intellectual Property, S-811 81 Sandviken (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TN 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C22F 1/047, B22D 11/06

(11) **WO 03/027345** (13) A1

(21) PCT/TR01/00046

(22) 25 Sep/sep 2001 (25.09.2001)

(25) en (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **PROCESS OF PRODUCING 5XXX SERIES ALUMINUM ALLOYS WITH HIGH MECHANICAL PROPERTIES THROUGH TWIN-ROLL CASTING**

• **PROCEDE DE PRODUCTION D'AL-LIAGES D'ALUMINIUM DE SERIE 5XXX A PROPRIETES MECANIQUES SUPERIEURES PAR COULEE ENTRE CYLINDRES**

(71) **ASSAN DEMIR VE SAC SANAYI A.S.** [TR/TR]; E-5 Karayolu 32. km, 81700 Is-tambul (TR).

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

(72, 75) **AKKURT, A, Soner** [TR/TR]; Assan Alüminyum Tesisleri, E-5 Karayolu 32. km,

- 81700 Istanbul (TR). **DUNDAR, Murat** [TR/TR]; Assan Alüminyum Tesisleri, E-5 Karayolu 32. km, 81700 Istanbul (TR).
- (74) **SEVINC, Erkan**; Istanbul Patent & Trademark Consultancy LTD., Büyükdere cad. Gün apt. No:26/16 Mecidiyeköy, 80290 Istanbul (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 NO NZ PH PL PT RO RU SD SE SG SI 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 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).
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- (51)<sup>7</sup> C23C 2/14
- (11) **WO 03/027346** (13) A1
- (21) PCT/EP02/09573
- (22) **28 Aug/août 2002 (28.08.2002)**
- (25) de (26) de
- (30) 101 46 791.5 **20 Sep/sep 2001 DE (20.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND DEVICE FOR COATING THE SURFACE OF ELONGATED METAL PRODUCTS
- PROCEDE ET DISPOSITIF DE REVETEMENT DE LA SURFACE DE PRODUITS METALLIQUES EN FORME DE BARRES
- (71) **SMS DEMAG AKTIENGESELLSCHAFT** [DE/DE]; Eduard Schloemann-Str. 4, 40237 Düsseldorf (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRISBERGER, Rolf** [DE/DE]; Am Tapp 17, 47661 Issum (DE).
- (74) **VALENTIN, Ekkehard**; Valentin, Gihske, Grosse, Hammerstrasse 2, 57072 Siegen (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C23C 8/20
- (11) **WO 03/027348** (13) A2
- (21) PCT/DE02/02773
- (22) **29 Jul/juיל 2002 (29.07.2002)**
- (25) de (26) de
- (30) 101 43 837.0 **6 Sep/sep 2001 DE (06.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SELF-CLEANING CERAMIC LAYERS FOR BAKING OVENS AND METHOD FOR PRODUCTION OF SELF-CLEANING CERAMIC LAYERS
- COUCHES CERAMIQUES AUTONETTOYANTES POUR FOURS DE CUISSON ET PROCEDE DE PRODUCTION DE COUCHES CERAMIQUES AUTONETTOYANTES
- (71) **HBC INTERNATIONAL APS** [DK/DK]; Fabriksparken 4, DK-9230 Svenstrup Jylland (DK).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHRISTENSEN, Niels, Bro** [DK/DK]; Skolebakken 9, DK-9000 Ålborg (DK).  
**CHRISTENSEN, Henrik, Bro** [DK/DK]; Snekkerstenvvej 41, DK-9270 Klarup (DK).
- (74) **PATRADE A/S**; Fredens Torv 3A, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (Utility model / modèle d'utilité) (GH); AP (GH); AP (Utility model / modèle d'utilité) (GM); AP (GM); AP (Utility model / modèle d'utilité) (KE); AP (KE); AP (Utility model / modèle d'utilité) (LS); AP (LS); AP (Utility model / modèle d'utilité) (MW); AP (MW); AP (Utility model / modèle d'utilité) (MZ); AP (MZ); AP (Utility model / modèle d'utilité) (SD); AP (SD); AP (Utility model / modèle d'utilité) (SL); AP (SL); AP (Utility model / modèle d'utilité) (SZ); AP (SZ); AP (Utility model / modèle d'utilité) (TZ); AP (TZ); AP (Utility model / modèle d'utilité) (UG); AP (UG); AP (Utility model / modèle d'utilité) (ZM); AP (ZM); AP (Utility model / modèle d'utilité) (ZW); AP (ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C23C 6/00, B32B 35/00, B29C 41/20
- (11) **WO 03/027347** (13) A1
- (21) PCT/DK02/00555
- (22) **23 Aug/août 2002 (23.08.2002)**
- (25) da (26) en
- (30) PA 201 01264 **24 Aug/août 2001 DK (24.08.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SELF-CLEANING CERAMIC LAYERS FOR BAKING OVENS AND METHOD FOR PRODUCTION OF SELF-CLEANING CERAMIC LAYERS
- COUCHES CERAMIQUES AUTONETTOYANTES POUR FOURS DE CUISSON ET PROCEDE DE PRODUCTION DE COUCHES CERAMIQUES AUTO-NETTOYANTES
- (71) **ITN-NANOVATION GMBH** [DE/DE]; Untertürkheimer Strasse 25, 66117 Saarbrücken (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NONNINGER, Ralph** [DE/DE]; Rosenstrasse 12, D-66129 Saarbrücken (DE).  
**BINKLE, Olaf** [DE/DE]; Blieskasteler str. 20, D-66459 Kirkel (DE).  
**FABER, Stefan** [DE/DE]; Solferino Strasse 11, D-66125 Saarbrücken (DE).  
**JOST, Martin** [DE/DE]; Finkenstr. 7, 66113 Saarbrücken (DE).
- (74) **Kohler Schmid + Partner**; Patentanwälte Gbr, Ruppmannstrasse 27, D-70565 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C23C 8/26
- (11) **WO 03/027349** (13) A2
- (21) PCT/DE02/03582
- (22) **24 Sep/sep 2002 (24.09.2002)**
- (25) de (26) de
- (30) 101 47 205.6 **25 Sep/sep 2001 DE (25.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR HEAT-TREATING WORK PIECES MADE OF TEMPERATURE-RESISTANT STEELS
- PROCEDE DE TRAITEMENT THERMIQUE DE PIECES EN ACIERS RESISTANTS A LA TEMPERATURE
- (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) **LIPPMANN, Nils** [DE/DE]; Schulstr. 4, 71277 Rutesheim (DE).  
**LERCHE, Wolfgang** [DE/DE]; Kapuzinerstr. 9, 47533 Kleve (DE).
- (81) BR JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> C23C 14/34, 16/26
- (11) **WO 03/027350** (13) A1
- (21) PCT/BR02/00067
- (22) **8 May/mai 2002 (08.05.2002)**
- (25) en (26) en
- (30) PI 0105474-0 **26 Sep/sep 2001 BR (26.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)

(54) • AMORPHOUS HYDROGENATED CARBON FILM

• FILM DE CARBONE HYDROGENE AMORPHE

(71) FUNDAÇÃO DE AMPARO À PESQUISA DO ESTADO DE SÃO PAULO [BR/BR]; Rua Pio XI, 1500, Alto da Lapa, CEP-05468-901 São Paulo, SP (BR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) GONÇALVES NETO, Luiz [BR/BR]; Rua Benedito da Silva, CEP-13560-090 São Carlos, SP (BR). MANSANO, Ronaldo, D. [BR/BR]; Rua Jamil Hajal, n° 123, CEP-04164-020 São Paulo, SP (BR). CIRINO, Giuseppe, A. [BR/BR]; Rua Aida Lang Bartolatto, n° 57, CEP-05325-060 São Paulo, SP (BR). ZAMBOM, Luiz, S. [BR/BR]; Rua José Alves Cunha Lima, CEP-05360-050 São Paulo, SP (BR). VERDONCK, Patrick, B. [BR/BR]; Av. Dr. Cândido Mota Filho, n° 521, ap. 22, Ed. Santa Clara, CEP-05351-000 São Carlos, SP (BR).

(74) GAIARSA, Lucas, M. et al. / etc.; Av. Brigadeiro Faria Lima, n° 1485, 12th Floor, CEP-01452-904 São Paulo, SP (BR).

(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 SI 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 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).

(51)<sup>7</sup> C23C 14/34

(11) WO 03/027351 (13) A1

(21) PCT/US02/30866

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,331 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR SPUTTER DEPOSITION OF EPILAYERS WITH HIGH DEPOSITION RATE  
• PROCEDE ET APPAREIL DE PULVERISATION CATHODIQUE DE COUCHES EPITAXIALES A GRANDE VITESSE DE DEPOT

(71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) CHISTYAKOV, Roman [US/US]; 123 Elm Street, Andover, MA 17080 (US).

(74) LANGWORTHY, John, A.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

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

(51)<sup>7</sup> C23C 14/34

(11) WO 03/027352 (13) A1

(21) PCT/US02/30867

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,332 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DUAL-SOURCE, SINGLE-CHAMBER METHOD AND APPARATUS FOR SPUTTER DEPOSITION

• PROCEDE A DEUX SOURCES ET A CHAMBRE UNIQUE ET APPAREIL DE PULVERISATION

(71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

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

(72, 75) CHISTYAKOV, Roman [US/US]; 123 Elm Street, Andover, MA 17080 (US).

(74) LANGWORTHY, John, A.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C23C 18/20, 18/31, 30/00, C25D 7/00, 15/02

(11) WO 03/027353 (13) A1

(21) PCT/DE02/03201

(22) 30 Aug/août 2002 (30.08.2002)

(25) de (26) de

(30) 101 45 750.2 17 Sep/sep 2001 DE (17.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR PRODUCTION OF A METAL LAYER ON A SUPPORT BODY AND SUPPORT BODY WITH A METAL LAYER

• PROCEDE DE PRODUCTION D'UNE COUCHE METALLIQUE SUR UN CORPS SUPPORT ET CORPS SUPPORT DOTE DE CETTE COUCHE METALLIQUE

(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) GUNDLACH, Harald [DE/DE]; Am Düllanger 3, 82031 Grünwald (DE). MÜLLER-HIPPER, Andreas [DE/DE]; Adolf-Schmetzer-Str. 10, 93055 Regensburg (DE). SIMMERLEIN-ERLBACHER, Ewald [DE/DE]; Sauerbruchstr. 21, 91257 Pegnitz (DE).

(74) EPPING, HERMANN & FISCHER; Rüdlerstr. 55, 80339 München (DE).

(81) BR CA CN IL IN JP KR MX RU UA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> C23C 22/78, 22/48, 22/20, 22/82, 28/00, C09D 5/06, 201/00, B05D 3/10, 7/14, B32B 15/08, 27/18, 27/36

(11) WO 03/027354 (13) A1

(21) PCT/JP02/09583

(22) 18 Sep/sep 2002 (18.09.2002)

(25) ja (26) ja

(30) 2001-285378 19 Sep/sep 2001 JP (19.09.2001)

(30) 2002-170098 11 Jun/juin 2002 JP (11.06.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PRECOATED METAL SHEET WITH EXCELLENT PRESS FORMABILITY AND PROCESS FOR PRODUCING THE SAME

• FEUILLE METALLIQUE PREENROBEE POSSEDANT UNE EXCELLENTE APTITUDE AU FORMAGE A LA PRESSE ET PROCEDE DE PRODUCTION

(71) NIPPON STEEL CORPORATION [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP).

(72) UEDA, Kouhei; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). KANAI, Hiroshi; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). KIMATA, Yoshio; C/O NIPPON STEEL CORPORATION KIMITSU WORKS, 1, Kimitsu, Kimitsu-shi, Chiba 299-1193 (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 ID KR PH SG VN.

(51)<sup>7</sup> C23C 30/00, 14/14

(11) WO 03/027355 (13) A1

(21) PCT/JP02/08805

(22) 30 Aug/août 2002 (30.08.2002)

(25) ja (26) ja

(30) 2001-284212 19 Sep/sep 2001 JP (19.09.2001)

(30) 2002-66724 **12 Mar/mar 2002 JP**  
(12.03.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SOFT METAL AND METHOD FOR PREPARATION THEREOF, AND EXTERIOR PART OF WATCH AND METHOD FOR PREPARATION THEREOF

• METAL MOU ET PROCEDE POUR SA PREPARATION, ET PIECE EXTERIEURE DE MONTRE ET PROCEDE POUR SA REALISATION

(71) CITIZEN WATCH CO., LTD. [JP/JP]; 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).

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

(72, 75) SHIBUYA, Yoshitsugu [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP). SATOH, Junji [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP). ITO, Shizue [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).

(74) OSAWA, Takashi; Room 818, Ikebukuro White House Bldg., 20-2, 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 IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> C23F 13/00

(11) WO 03/027356 (13) A1

(21) PCT/US02/30030

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 60/324,811 **26 Sep/sep 2001 US**  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CATHODIC PROTECTION SYSTEM  
• SYSTEME DE PROTECTION CATHODIQUE

(71) J.E. BENNETT CONSULTANTS, INC. [US/US]; 10039 Hawthorne Drive, Chardon, OH 44024 (US).

(72, 75) BENNETT, John, E. [US/US]; 10039 Hawthorne Drive, Chardon, OH 44024 (US).

(74) LUCAS, James, A. et al. / etc.; Driggs, Lucas, Brubaker & Hogg Co., L.P.A., 8522 East Avenue, Mentor, OH 44060 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT 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)<sup>7</sup> C25B 3/00

(11) WO 03/027357 (13) A2

(21) PCT/EP02/09926

(22) 5 Sep/sep 2002 (05.09.2002)

(25) de (26) de

(30) 101 46 566.1 **21 Sep/sep 2001 DE**  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR PRODUCING ORTHOCARBOXYLIC ACID TRIALKYL ESTERS

• PROCEDE POUR PRODUIRE DES ORTHOTRIALKYLESTERS D'ACIDE CARBOXYLIQUE

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

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

(72, 75) PÜTTER, Hermann [DE/DE]; Haardter Strasse 1a, 67433 Neustadt (DE). FISCHER, Andreas [DE/DE]; Dhauner Strasse 27, 67067 Ludwigshafen (DE).

(74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C25D 11/08, 5/34

(11) WO 03/027358 (13) A1

(21) PCT/US02/26305

(22) 16 Aug/août 2002 (16.08.2002)

(25) en (26) en

(30) 09/963,625 **27 Sep/sep 2001 US**  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF PRODUCING BRIGHT ANODIZED FINISHES FOR HIGH MAGNESIUM, ALUMINUM ALLOYS

• PROCEDE DE PRODUCTION DE FINITIONS ANODISEES BRILLANTES DESTINEES A DES ALLIAGES D'ALUMINIUM A TENEUR ELEVEE EN MAGNESIUM

(71) GENERAL MOTORS CORPORATION [US/US]; Legal Staff-Mail Code 482-C23-B21, P.O. Box 300, Detroit, MI 48265-3000 (US).

(72) WANG, Yar-Ming; 5156 Collington Drive, Troy, MI 48098 (US). KUO, Hong-Hsiang; 6560 Parkview Drive, Troy, MI 48098 (US). KIA, Sheila, F.; 1948 Sherwood Glen, Bloomfield Hills, MI 48302 (US).

(74) MARRA, Kathryn, A.; General Motors Corporation, Legal Staff-Mail Code 482-C23-B21, P.O. Box 300, Detroit, MI 48265-3000 (US).

(81) BR CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> C25F 1/00

(11) WO 03/027359 (13) A2

(21) PCT/US02/28825

(22) 11 Sep/sep 2002 (11.09.2002)

(25) en (26) en

(30) 09/962,552 **25 Sep/sep 2001 US**  
(25.09.2001)

(30) 10/127,628 **22 Apr/avr 2002 US**  
(22.04.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • EXTERNAL COUNTER ELECTRODE AND METHOD FOR CHEMICAL MILLING AND CLEANING METAL

• CONTRE-ELECTRODE EXTERNE ET PROCEDE DE BROUAGE ET DE NETTOYAGE CHIMIQUES DE METAL

(71) AEROMET TECHNOLOGIES, INC. [US/US]; 679 Sandy Parkway, Sandy, UT 84070 (US).

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

(72, 75) FAIRBOURN, David, C. [US/US]; 8790 S. Tracy Drive, Sandy, UT 84093 (US). SORENSON, Max, E. [US/US]; 3193 E. Da Vinci, Salt Lake City, UT 84121 (US).

(74) GROSSMAN, Kurt, L. et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).



(51)<sup>7</sup> C25L  
(11) WO 03/027360 (13) A2  
(21) PCT/US02/28871  
(22) 12 Sep/sep 2002 (12.09.2002)  
(25) en (26) en  
(30) 09/960,907 24 Sep/sep 2001 US  
(24.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • TEMPERATURE CONTROL FOR LOW TEMPERATURE REDUCTION CELL  
• REGULATION DE TEMPERATURE POUR CELLULE DE REDUCTION BASSE TEMPERATURE  
(71) NORTHWEST ALUMINUM TECHNOLOGIES [US/US]; 1080 west Ewing Place, Seattle, WA 98119 (US).  
(72) BECK, Theodore, R.; 10080 West Ewing Place, Seattle, WA 98119 (US).  
(74) MASS, Clifford, J. et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).  
(81) AU CA IS NO.

(51)<sup>7</sup> C30B 13/00, 29/52, C22C 19/05  
(11) WO 03/027361 (13) A1  
(21) PCT/IB02/03592  
(22) 6 Sep/sep 2002 (06.09.2002)  
(25) en (26) en  
(30) 01122819.4 22 Sep/sep 2001 EP  
(22.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • MCRALY-COATING  
• REVETEMENT MCRALY  
(71) ALSTOM (SWITZERLAND) LTD [CH/CH]; Brown Boveri Strasse 7, CH-5401 Baden (CH).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEZENCON, Cyrille [CH/CH]; Combaz 6, CH-1844 Villeneuve (CH). HOEBEL, Matthias [DE/CH]; Dorfstrasse 82, CH-5210 Windisch (CH). KHAN, Abdus, S. [US/CH]; Limmatauweg 2, CH-5408 Ennetbaden (CH). KONTER, Maxim [RU/CH]; Sommerweg 13, CH-5313 Klingnau (CH). KURZ, Wilfried [AT/CH]; Creux-de-Corsy 9, CH-1093 La Conversion (CH). SCHNELL, Alexander [AT/CH]; Sonnenbergstrasse 14, CH-5408 Ennetbaden (CH).  
(74) ALSTOM (SWITZERLAND) LTD; CHSP Intellectual Property, Brown Boveri Str. 7/699/5, CH-5401 Baden (CH).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C30B 15/04, 29/06  
(11) WO 03/027362 (13) A1  
(21) PCT/US02/30991  
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(25) en (26) en  
(30) 60/325,622 28 Sep/sep 2001 US  
(28.09.2001)  
(30) 60/325,660 28 Sep/sep 2001 US  
(28.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • PROCESS FOR PREPARING AN ARSENIC-DOPED SINGLE CRYSTAL SILICON USING A SUBMERSED DOPANT FEEDER  
• PROCEDE DE PREPARATION DE SILICIUM MONOCRISTALLIN DOPE A L'ARSENIC AU MOYEN D'UN DISTRIBUTEUR DE DOPANTS IMMERGE

(71) MEMC ELECTRONIC MATERIALS, INC. [US/US]; P.O. Box 8, 501 Pearl Drive, St. Peters, MO 63376 (US).  
(72) KULKARNI, Milind; 18 South Kingshighway, #91, St. Louis, MO 63108 (US). BANAN, Mohsen; 16406 Bayshore Cove Court, Grover, MO 63040 (US). LUERS, Christopher, V.; 7325 The Cedars Drive, O'Fallon, MO 63366 (US).  
(74) RITCHEY, Steven, M. et al. / etc.; One Metropolitan Square, Suite 1600, St. Louis, MO 63102 (US).  
(81) CN JP KR SG.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(11) WO 03/027363 (13) A1  
(21) PCT/US02/28686  
(22) 9 Sep/sep 2002 (09.09.2002)  
(25) en (26) en  
(30) 09/965,250 25 Sep/sep 2001 US  
(25.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR GROWING LOW-DEFECT SINGLE CRYSTAL HETEROEPI-TAXIAL FILMS  
• PROCEDE DE CROISSANCE HETEROEPI-TAXIALE DE COUCHES DE CRISTAUX, A FAIBLE TAUX DE DEFAUTS  
(71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as represented by THE ADMINISTRATOR OF THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA) [US/US]; 300 E Street, SW, Washington, DC 20546 (US).  
(72) NEUDECK, Philip, G.; 9537 Driftwood Drive, Olmstead Falls, OH 44138 (US). POWELL, J., Anthony; 23264 Woodview Drive, North Olmstead, OH 44070 (US).  
(74) STONE, Kent, N.; NASA Glenn Research Center, Mail Stop 500-118, 21000 Brookpark Road, Cleveland, OH 44135 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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) 60/324,855 26 Sep/sep 2001 US  
(26.09.2001)  
(30) UNKNOWN 24 Sep/sep 2002 US  
(24.09.2002)  
(43) 3 Apr/avr 2003 (03.04.2003)

(54) • STRETCHABLE MULTIPLE COMPONENT SPUNBOND WEBS AND A PROCESS FOR MAKING  
• VOILES NON TISSES SPUNBONDED ETIRABLES A COMPOSANTS MULTIPLES, ET PROCEDE D'ELABORATION  
(71) E. I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).  
(72) VAN TRUMP, James, Edmond; 5 Alpine Court, Wilmington, DE 19810 (US). BANSAL, Vishal; 11912 Kingsbury Court, Richmond, VA 23233 (US). DAVIS, Michael, C.; 2300 Edgeview Lane, Midlothian, VA 23113 (US).  
(74) STRICKLAND, Frederick, D.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D01F 8/04, 1/10  
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(15.01.2002)  
(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • MULTI-COMPONENT FIBERS HAVING REVERSIBLE THERMAL PROPERTIES AND METHODS OF MANUFACTURING THEREOF
- FIBRES A PLUSIEURS CONSTITUANTS PRESENTANT DES PROPRIETES THERMIQUES REVERSIBLES ET PROCEDES DE FABRICATION
- (71) **OUTLAST TECHNOLOGIES, INC.** [US/US]; 6235 Lookout Road, Boulder, CO 80301 (US). **HILLS, INC.** [US/US]; 7785 Ellis Road, W. Melbourne, FL 32904 (US).
- (72) **MAGILL, Monte, C.**; 449 Westview Court, Longmont, CO 80501 (US). **HARTMANN, Mark, H.**; 256 Rockview Drive, Superior, CO 80027 (US). **HAGGARD, Jeffrey, S.**; 560 Amber Lane, Cocoa, FL 32926 (US).
- (74) **GALLIANI, William, S.**; Cooley Godward LLP, 3000 El Camino Real, Five Palo Alto Square, Palo Alto, CA 94306-2155 (US) et al. / etc.
- (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 SI SK SL TJ TM TR TT TZ UA UG 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 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).
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- (51)<sup>7</sup> D01F 8/06, 8/12, 8/14, D04H 3/00, D01F 8/04
- (11) WO 03/027366 (13) A1
- (21) PCT/US02/30985
- (22) 27 Sep/sep 2002 (27.09.2002)
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- (30) 10/256,626 27 Sep/sep 2002 US (27.09.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • STRETCHABLE NONWOVEN WEB AND METHOD THEREFOR
- TOILE NON-TISSEE ETIRABLE ET PROCEDE CORRESPONDANT
- (71) **E. I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
- (72) **BANSAL, Vishal**; 11912 Kingsbury Court, Richmond, VA 23233 (US). **DAVIS, Michael, C.**; 2300 Edgeview Lane, Midlothian, VA 23113 (US). **FORD, Thomas, Michael**; 3112 Centerville Road, Greenville, DE 19807 (US). **MASSOUDA, Debora, Flanagan**; 123 Yardley Lane, Wilmington, DE 19810 (US). **RUDISILL, Edgar, N.**; 1123 Lipscomb Drive, Nashville, TN 37204 (US). **SAMUELSON, Harry, Vaughn**; 45 Old Orchard Lane, Chadds Ford, PA 19317 (US). **SHIN, Hyunkook**; 134 Hitching Post Drive, Wilmington, DE 19803 (US). **WEEKS, Gregory, Paul**; 108 Cameron Drive, Hockessin, DE 19707 (US).
- (74) **STRICKLAND, Frederick, D.**; E. I. Du Pont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).
- (81) CA CN JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (11) WO 03/027367 (13) A1
- (21) PCT/JP01/09914
- (22) 13 Nov/nov 2001 (13.11.2001)
- (25) ja (26) ja
- (30) 2001-284704 19 Sep/sep 2001 JP (19.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PROCESS FOR PRODUCING REINFORCING SIC FIBER FOR SIC COMPOSITE MATERIAL
- PROCEDE DE PRODUCTION DE FIBRE SIC DE RENFORCEMENT POUR MATERIAU COMPOSITE SIC
- (71) **JAPAN SCIENCE AND TECHNOLOGY CORPORATION** [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OKAMURA, Kiyohito** [JP/JP]; 2-4-1404, Asahimachi 2-chome, Abeno-ku, Osaka-shi, Osaka 545-0051 (JP). **NARISAWA, Masaki** [JP/JP]; 43-1-205, Handa 1-chome, Osakasayama-shi, Osaka 589-0011 (JP). **NISHIOKA, Masaki** [JP/JP]; 244, Midorigaokanaka, Nabari-shi, Mie 518-0400 (JP). **DOHMARU, Takaaki** [JP/JP]; 30-4, Asahigaoka, Kawachinagano-shi, Osaka 586-0084 (JP). **OKA, Kunio** [JP/JP]; 4-34-3, Niwashirodai, Sakai-shi, Osaka 590-0133 (JP). **KATOH, Yutai** [JP/JP]; 7-28-417, Matsuyama-cho, Otsu-shi, Shiga 520-0024 (JP). **KOHYAMA, Akira** [JP/JP]; 4-231, Nishibugyou-cho, Fushimi-ku, Kyoto 612-8104 (JP).
- (74) **OGURA, Wataru**; 201, Ohno-Senkawa Bldg., 23-7, Kanamecho 3-chome, Toshima-ku, Tokyo 171-0043 (JP).
- (81) CA US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)<sup>7</sup> D01F 9/12, D06M 11/73, C01B 31/02, C08K 9/02, 7/24
- (11) WO 03/027368 (13) A1
- (21) PCT/JP02/09521
- (22) 17 Sep/sep 2002 (17.09.2002)
- (25) en (26) en
- (30) 2001-328391 20 Sep/sep 2001 JP (20.09.2001)
- (30) 60/392,428 1 Jul/juil 2002 US (01.07.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FINE CARBON FIBER MIXTURE AND COMPOSITION THEREOF
- MELANGE DE FIBRE DE CARBONE FINE ET COMPOSITION DE CE MELANGE
- (71) **SHOWA DENKO K. K.** [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP). **NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY** [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MORITA, Toshio** [JP/JP]; C/O Corporate R & D Center, SHOWA DENKO K.K., 5-1, Ohkawa-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0858 (JP). **YAMAMOTO, Ryuji** [JP/JP]; C/O Corporate R & D Center, SHOWA DENKO K.K., 5-1, Ohkawa-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0858 (JP). **INOUE, Hitoshi** [JP/JP]; C/O Corporate R & D Center, SHOWA DENKO K.K., 5-1, Ohkawa-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0858 (JP). **OHSHIMA, Satoshi** [JP/JP]; C/O Tsukuba Center, National Institute of Advanced Industrial Science and Technology, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8565 (JP). **YUMURA, Motoo** [JP/JP]; C/O Tsukuba Center, National Institute of Advanced Industrial Science and Technology, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki 305-8565 (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) 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 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 SI 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 IE IT LU MC NL PT SE 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 03/027369 (13) A1
- (21) PCT/EP02/10564
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) de (26) de
- (30) 101 46 601.3 21 Sep/sep 2001 DE (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR CONTROLLING A TEXTURING MACHINE AND A TEXTURING MACHINE
- PROCEDE DE COMMANDE D'UNE MACHINE A TEXTURER ET MACHINE A TEXTURER
- (71) **BARMAG AG** [DE/DE]; Leverkuser Str. 65, 42897 Remscheid (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZENKER, Dieter** [DE/DE]; Hansenstrasse 59, 50739 Köln (DE). **PYRA, Michael** [DE/DE]; Von Schaesbergweg 37, 41379 Brüggen (DE).
- (74) **KAHLHÖFER, Hermann**; Kahlhöfer . Neumann . Herzog . Fiesser, Karlstrasse 76, 40210 Düsseldorf (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 SI 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 IE IT LU MC NL PT SE 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 03/027370 (13) A1  
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(25) ja (26) ja  
(30) 2001-285043 19 Sep/sep 2001 JP (19.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • YARN AND CLOTH UTILIZING SKIN OF BAMBOO AND METHOD OF MANUFACTURING THE YARN AND CLOTH  
• FIL ET ETOFFE CONTENANT DE LA PEAU DE BAMBOU ET PROCEDE DE FABRICATION DE CE FIL ET DE CETTE ETOFFE

(71) KATSUYAMA TECHNOS LTD. [JP/JP]; 1608, Oaza-Kuroda, Katsuyama-cho, Miyako-gun, Fukuoka 824-0822 (JP).  
(72) ODA, Tomonaga; c/o Katsuyama Technos Ltd., 1608, Oaza-Kuroda, Katsuyama-cho, Miyako-gun, Fukuoka 824-0822 (JP).  
(74) NAKAMAE, Fujio; Room 401, Kansens Bldg., 13-23, Asano 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8691 (JP).

(81) AE AG AL AU BA BB BG BR BZ CA CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS KP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN YU ZA.  
(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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D04B  
(11) WO 03/027371 (13) A2  
(21) PCT/US02/27941  
(22) 27 Aug/août 2002 (27.08.2002)  
(25) en (26) en  
(30) 09/962,891 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • APPARATUS FOR FORMING LARGE ROLLS OF TUBULAR KNITTED FABRIC  
• APPAREIL DE FORMATION DE GROS ROULEAUX DE TISSUS TUBULAIRE TRICOTE

(71) FLYNT AMTEX, INC. [US/US]; 2908 Alamance Road, Burlington, NC 27215 (US).

(72) DAIBER, Hermann; 904 Haddington Court, Whitsett, NC 27377 (US).

(74) RHODES, Robert, C. et al. / etc.; Womble Carlyle Sandridge & Rice, PLLC, 300 North Greene Street, Suite 1900, Greensboro, NC 27401 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D04B 1/24  
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(22) 18 Sep/sep 2002 (18.09.2002)  
(25) en (26) en  
(30) PI01A000062 20 Sep/sep 2001 IT (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • SYSTEM FOR THE AUTOMATIC CREATION OF ELASTIC HEMS  
• SYSTEME DE CREATION AUTOMATIQUE D'OURLETS ELASTIQUES  
(71, 72) CONTI, Andrea [IT/IT]; Via Pisana, 372, I-50010 Badia a Settimo (IT). CONTI, Gianni [IT/IT]; Largo M. Liverani, 7, I-50141 Firenze (IT). CONTI, Giuseppe [IT/IT]; Via Maragliano, 137, I-50144 Firenze (IT). BRUSCOLI, Maria, Assunta [IT/IT]; Via Imprunetana per Pozzolatico, 170, I-50023 Impruneta (IT).

(74) TURINI, Laura; P.za S. Giovanni, 8, I-56038 Ponsacco (PI) (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 SD SE SG SI 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 IE IT LU MC NL PT SE 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 03/027373 (13) A1  
(21) PCT/US02/29702  
(22) 18 Sep/sep 2002 (18.09.2002)  
(25) en (26) en  
(30) 60/324,076 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • COMPOSITE STRUCTURES  
• STRUCTURES COMPOSITES

(71) EASTMAN CHEMICAL COMPANY [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).

(72) WILLIAMS, Freddie, Wayne; 3300 Bailey Ranch Road, Kingsport, TN 37660 (US). ELLERY, Eric, Eugene; 4522 Woodoak Drive, Kingsport, TN 37664 (US).

(74) BOSHEARS, B., J.; P.O. Box 511, Kingsport, TN 37662-5075 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 03/027374 (13) A1  
(21) PCT/US02/30431

(22) 25 Sep/sep 2002 (25.09.2002)  
(25) en (26) en  
(30) 09/963,192 26 Sep/sep 2001 US (26.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A METHOD FOR MAKING SPUNBOND NONWOVEN FABRIC FROM MULTIPLE COMPONENT FILAMENTS  
• PROCEDE PERMETTANT DE PRODUIRE UN TISSU NON-TISSE FILE-LIE A PARTIR DE FILAMENTS A COMPOSANTS MULTIPLES

(71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).  
(72) BANSAL, Vishal; 11912 Kingsbury Court, Richmond, VA 23233 (US). DAVIS, Michael, C.; 2300 Edgeview Lane, Midlothian, VA 23113 (US). VAN TRUMP, James, E.; 5 Alpine Drive, Wilmington, DE 19810 (US).

(74) STRICKLAND, Frederick, D.; E.I. Dupont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) CA CN JP  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> D06B 3/10  
(11) WO 03/027375 (13) A1  
(21) PCT/US02/30560  
(22) 25 Sep/sep 2002 (25.09.2002)  
(25) en (26) en  
(30) 09/963,854 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • TRENCH PROCESS AND APPARATUS FOR DYE REMOVAL FROM DENIM SCRAP
- PROCEDE ET DISPOSITIF UTILISANT UNE TRANCHEE, DESTINEES A L'ELIMINATION D'UN COLORANT CONTENU DANS DES RESIDUS DE DENIM
- (71) ENVIRONMENTAL TEXTILES USA, INC. [US/US]; P.O. Box 2340, Claremore, OK 740118-2340 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HIRSCH, Gary, F. [US/US]; 1144 Moore Road, Woodside, CA 94062 (US). HALL, David, M. [US/US]; 1784 Lauren Lane, Auburn, AL 36830 (US). PATTON, Robert, T. [US/US]; 53 Tallow Court, Lake Jackson, TX 77566 (US).
- (74) SULLIVAN, David, M. et al. / etc.; Crowe & Dunlevy, P.C., 20 North Broadway, Suite 1800, Oklahoma City, OK 73102-8273 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> D06F 23/04
- (11) WO 03/027376 (13) A1
- (21) PCT/US02/30717
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en
- (30) 60/325,626 28 Sep/sep 2001 US (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • WOBBLE JOINT
- JOINT OSCILLANT
- (71) DELPHI TECHNOLOGIES, INC. [US/US]; Legal Staff - Mail Code: 480-414-420, P.O. Box 5052, Troy, MI 48007-5052 (US).
- (72) SKVARLA, William, Paul; 5373 Clydesdale, Saginaw, MI 48603 (US). OLGREN, Leland, Nels; 300 Franconian Drive North, Frankenmuth, MI 48734 (US).
- (74) STEARNS, Robert, L.; Reising, Ethington, Barnes, Kisselle, Learman & McCulloch, P.C., 5291 Colony Drive North, Saginaw, MI 48603 (US).
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- Published / Publiée : (c)
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- (51)<sup>7</sup> D06F 39/02, A47L 15/44
- (11) WO 03/027377 (13) A1
- (21) PCT/DE01/03534
- (22) 12 Sep/sep 2001 (12.09.2001)
- (25) de (26) de
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • RESERVOIR DOSING DEVICE FOR PRE-CHARGING AND DOSING OF LIQUID DETERGENTS IN HOUSEHOLD DEVICES
- DISPOSITIF DOSEUR DE RESERVOIR PERMETTANT DE D'APPROVISIONNER ET DE DOSER DES DETERGENTS LIQUIDES DANS DES APPAREILS MENAGERS
- (71) CADING KONSTRUKTIONEN GMBH FÜR MASCHINENBAU [DE/DE]; Nonnendammallee 101, 13629 Berlin (DE).
- (72) GERHARDT, Michael; Reichsstrasse 38, 14052 Berlin (DE).
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)<sup>7</sup> D06L 3/02
- (11) WO 03/027378 (13) A1
- (21) PCT/US02/30561
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) en (26) en
- (30) 09/963,846 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DYE REMOVAL FROM DENIM SCRAP WITH A FORCED CIRCULATION KIER
- ELIMINATION D'UN COLORANT CONTENU DANS DES RESIDUS DE DENIM, A L'AIDE D'UNE CUVE A DEBOUILLIR A CIRCULATION FORCEE
- (71) ENVIRONMENT TEXTILES USA, INC. [US/US]; P.O. Box 2340, Claremore, Oklahoma 74018-2340 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HIRSCH, Gary, F. [US/US]; 1144 Moore Road, Woodside, CA 94062 (US). PATTON, Robert, T. [US/US]; 53 Tallow Court, Lake Jackson, TX 77566 (US). HALL, David, M. [US/US]; 1984 Lauren Lane, Auburn, AL 36830 (US).
- (74) SULLIVAN, David, M. et al. / etc.; Crowe & Dunlevy, P.C., 20 North Broadway, Suite 1800, Oklahoma City, OK 73102-8273 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> D06M 13/224, 15/53, C07C 69/587
- (11) WO 03/027379 (13) A1
- (21) PCT/AU02/01309
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) PR 7887 24 Sep/sep 2001 AU (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • WOOL LUBRICANT
- LUBRIFIANT POUR LA LAINE
- (71) HUNTSMAN CORPORATION AUSTRALIA PTY LTD [AU/AU]; Newsom Street, Ascot Vale, Victoria 3032 (AU).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) DOYLE, Martin, Edmond [AU/AU]; 9 South Street, Ascot Vale, Victoria 3032 (AU). HOLLIDAY, Gary, Ian [AU/AU]; 53 Wattle-tree Road, Hurstbridge, Victoria 3099 (AU).
- (74) CAINE, Michael, J. et al. / etc.; DAVIES COLLISON CAVE, 1 Little Collins Street, Melbourne, Victoria 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 ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> D06N 3/00
- (11) WO 03/027380 (13) A1
- (21) PCT/JP02/09456
- (22) 13 Sep/sep 2002 (13.09.2002)
- (25) ja (26) ja
- (30) 2001-287129 20 Sep/sep 2001 JP (20.09.2001)
- (30) 2001-287130 20 Sep/sep 2001 JP (20.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ARTIFICIAL LEATHER EXCELLENT IN EXPANDABILITY AND METHOD FOR PRODUCTION THEREOF
- CUIR ARTIFICIEL PRESENTANT D'EXCELLENTE PROPRIETES D'EXTENSIBILITE ET PROCEDE DE PRODUCTION ASSOCIE
- (71) TORAY INDUSTRIES, INC. [JP/JP]; 2-1, Nihonbashi Muromachi 2-chome, Chuo-ku, Tokyo 103-8666 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HANAOKA, Jun [JP/JP]; 13-1, Sonoyama 2-chome, Otsu-shi, Shiga 520-0842 (JP). IJIMA, Hiromichi [JP/JP]; 6-19, Seiran 2-chome, Otsu-Shi, Shiga 520-0833 (JP). IKEYAMA, Masami [JP/JP]; 2030-34, Kamihiraki-cho, Yokaichi-shi, Shiga 527-0086 (JP). WATANABE, Koji [JP/JP]; 10-30, Sakuragaoka 1-chome, Kusatsu-shi, Shiga 525-0057 (JP).
- (74) SATO, Kenji; c/o Shiga Branch, TORAY INTELLECTUAL PROPERTY EXPERTS CO., LTD., 1-1, Sonoyama 1-chome, Otsu-shi, Shiga 520-8558 (JP).
- (81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> D06P 3/24, 5/02

(11) WO 03/027381 (13) A1

(21) PCT/US02/29434

(22) 17 Sep/sep 2002 (17.09.2002)

(25) en (26) en

(30) 09/960,039 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROCESS FOR RESTORING THE ORIGINAL APPEARANCE OF PARA-ARAMID CLOTHING

• PROCEDE VISANT A RETABLIR L'ASPECT VISUEL D'UN VETEMENT EN TISSU PARA-ARAMIDE

(71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) YARBOROUGH, Portia, D.; 6436 Look-out Point Circle, Midlothian, VA 23112 (US). GHORASHI, Hamid, Moayed; 3507 Walkers Ferry Road, Midlothian, VA 23112 (US).

(74) GOLIAN, Andrew, G.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> D06P 3/24, 5/02

(11) WO 03/027382 (13) A1

(21) PCT/US02/29466

(22) 17 Sep/sep 2002 (17.09.2002)

(25) en (26) en

(30) 09/960,102 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROCESS FOR RESTORING THE APPEARANCE OF PIGMENTED OR DYED PARA-ARAMID FABRIC

• PROCEDE DE RETABLISSEMENT DE L'ASPECT DE TISSUS PARA-ARAMIDES PIGMENTES OU TEINTES APRES LA TEINTURE

(71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) CAPT, Andre; Route Cite Ouest, 19, CH-1196 Gland (CH). GHORASHI, Hamid,

Moayed; 3507 Walkers Ferry Road, Midlothian, VA 23112 (US).

(74) GOLIAN, Andrew, G.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> D07B 1/02

(11) WO 03/027383 (13) A1

(21) PCT/CH02/00533

(22) 24 Sep/sep 2002 (24.09.2002)

(25) de (26) de

(30) 1770/01 25 Sep/sep 2001 CH (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ROPE-LIKE STRUCTURE

• PRODUIT DE TYPE CABLE

(71) MAMMUT TEC AG [CH/CH]; Industries-trasse Birren, CH-5703 Seon (CH).

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

(72, 75) HESS, Ruedi [CH/CH]; Alte Döttingerstrasse 8, CH-5306 Tegerfelden (CH).

(74) DILTEC AG; Technoparkstrasse 1, CH-8005 Zürich (CH).

(81) CA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)<sup>7</sup> D21C 11/02, 11/12

(11) WO 03/027384 (13) A1

(21) PCT/SE02/01556

(22) 2 Sep/sep 2002 (02.09.2002)

(25) en (26) en

(30) 0103241-6 28 Sep/sep 2001 SE (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR RECOVERY OF PULPING CHEMICALS IN AN ALKALINE SULPHITE PULPING PROCESS AND FOR PRODUCTION OF STEAM

• PROCEDE DE RECUPERATION DES PRODUITS CHIMIQUES DE TRITURATION DANS UN TRAITEMENT DE TRITURATION AU SULFITE ALCALIN ET DE PRODUCTION DE VAPEUR

(71) STFI, SKOGSINDUSTRINS TEKNISKA FORSKNINGSPENNINGSTÄLLNINGEN AB [SE/SE]; P.O. Box 5604, S-114 86 Stockholm (SE).

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

(72, 75) DELIN, Lennart [SE/SE]; Vårudssvingen 55, S-127 41 Skärholmen (SE).

(74) ZACCO SWEDEN AB (publ); P.O. Box 23101, Sveavägen 170, S-104 35 Stockholm (SE).

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

(51)<sup>7</sup> D21D 5/16, B01D 33/067, B07B 11/00

(11) WO 03/027385 (13) A1

(21) PCT/SE02/01754

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 0103214-3 27 Sep/sep 2001 SE (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SCREEN BASKET FOR SCREENING SUSPENSIONS

• CORBEILLE DE TAMISAGE POUR TAMISER DES SUSPENSIONS

(71) METSO PAPER INC. [FI/FI]; P.O. Box 1220, FIN-00101 Helsinki (FI).

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

(72, 75) BACKMAN, Sami [FI/SE]; Hantverkargatan 3, S-467 40 Grästorp (SE). BERGQUIST, Johan [SE/SE]; Österlånggatan 5, S-467 30 Grästorp (SE).

(74) BERGENSTRÄHLE & LINDVALL AB; Box 17704, S-118 93 Stockholm (SE).

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

Published / Publiée : (a)

(51)<sup>7</sup> D21F 5/04, 3/10

(11) WO 03/027386 (13) A1

(21) PCT/SE02/01743

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 60/325,051 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SUCTION ROLL WITH INTERNAL VANES

• ROULEAU ASPIRANT DOTE DE PALES INTERNES

(71) METSO PAPER KARLSTAD AB [SE/SE]; Axel Johnsons väg 6, S-651 15 Karlstad (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ERIKSSON, S., Sören [SE/US]; 8847 Bryson Bend, Charlotte, NC 28277 (US).

(74) GALLO, Nicholas, F. et al. / etc.; Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> D21F 7/08

(11) WO 03/027387 (13) A1

(21) PCT/US02/26993

(22) 23 Aug/août 2002 (23.08.2002)

(25) en (26) en

(30) 09/965,598 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • INDUSTRIAL PROCESS FABRIC  
• TISSU INDUSTRIEL

(71) ALBANY INTERNATIONAL CORP. [US/US]; 1373 Broadway, Albany, NY 12204 (US).

(72) JOYCE, Michael, J.; 205 English Oak Road, Simpsonville, SC 29681 (US). KENEY, Maryann, C.; 14 Mitchell Drive, Foxboro, MA 02035 (US).

(74) SANTUCCI, Ronald, R.; Frommer Lawrence & Haug, LLP, 745 Fifth Avenue, New York, NY 10151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D21F 11/00

(11) WO 03/027388 (13) A1

(21) PCT/US02/13529

(22) 30 Apr/avr 2002 (30.04.2002)

(25) en (26) en

(30) 09/962,815 25 Sep/sep 2001 US  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR CONTROLLING DEGREE OF MOLDING IN THROUGH-DRIED TISSUE PRODUCTS

• PROCÉDE DE COMMANDE DU DEGRÉ DE MOULAGE DANS DES TISSUS SECHES PAR AIR TRAVER-SANT

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) ZWICK, Kenneth, J.; 730 Congress Place, Neenah, WI 54956 (US). LAWLER, Chris; 1374 Fox Burrow Court, Neenah, WI 54956 (US). HAIDUK, Nathan, J.; 5304 S. Maple Place, Broken Arrow, OK 74011 (US).

(74) JOHNSTON, Jason, W. et al. / etc.; Dority & Manning, P.A., One Liberty Square, 55 Beattie Place, Suite 1600, Greenville, SC 29601 (US).

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

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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 CH CY CZ 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)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> D21G 9/00, D21F 11/14, 2/00

(11) WO 03/027389 (13) A1

(21) PCT/US02/24683

(22) 1 Aug/août 2002 (01.08.2002)

(25) en (26) en

(30) 09/964,280 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS, SYSTEM AND METHOD FOR TRANSFERRING A RUNNING WEB

• DISPOSITIF, SYSTEME ET PROCÉDE PERMETTANT DE TRANSFERER UNE BANDE EN DEFILEMENT

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) VAN RENGEN, Edward, J.; 4346 Azalea Drive, Evans, GA 30809 (US). KRAUSE, Andrew, M.; W8302 Rustic Drive, Clintonville, WI 54929 (US). GLASS, Keith, D.; 2310 Theresa Avenue, Appleton, WI 54915 (US). WILHELM, David, K.; 1704 Kater Street, Philadelphia, PA 19146 (US). RINDY, Lennis, W.; 1067 Patrick Court, Neenah, WI 54956 (US). SPRANGERS, Daniel; W441 Cindy Ann Lane, Kaukauna, WI 54130 (US).

(74) VICK, John, E., Jr.; DORITY & MANNING, P.A., One Liberty Square, 55 Beattie Place, Suite 1600, Greenville, SC 29601 (US) et al. / etc.

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

Declarations / Déclarations :

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

(51)<sup>7</sup> D21H

(11) WO 03/027390 (13) A2

(21) PCT/US02/29995

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 60/324,307 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SOFT TISSUE PAPER HAVING A SOFTENING COMPOSITION CONTAINING A POLYSILOXANE-POLYALKYLENEOXIDE COPOLYMER

• PAPIER-TISSU DOUX COMPRENANT UNE COMPOSITION ADOUCISSANTE CONTENANT UN COPOLYMER DE POLYSILOXANE ET D'OXYDE DE POLYALKYLENE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) HORENZIAK, Steven, Anthony; 94 Britany Lane, Fairfield, OH 45014 (US). OSTENDORF, Ward, William; 6331 Oregon Pass, West Chester, OH 45069 (US). DOUGLAS, Brian, David; 1029 Gammon Lane, Madison, WI 53719 (US).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(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 SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D21H 13/08, 27/38

(11) WO 03/027391 (13) A1

(21) PCT/US02/29994

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 60/324,305 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A SOFT ABSORBENT WEB MATERIAL

• FEUILLE ABSORBANTE SOUPLE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) HORENZIAK, Steven, Anthony; 94 Brittany Lane, Fairfield, OH 45014 (US). OSTENDORF, Ward, William; 6331 Oregon Pass, West Chester, OH 45069 (US).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(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 SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D21J 7/00

(11) WO 03/027392 (13) A1

(21) PCT/JP02/09366

(22) 12 Sep/sep 2002 (12.09.2002)

(25) ja (26) ja

(30) 2001/288298 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF MAKING MOLDINGS

• PROCEDE DE FABRICATION DE MOULAGES

(71) KAO CORPORATION [JP/JP]; 14-10, Nihonbashi Kayaba-cho, 1-chome, Chuo-ku, Tokyo 103-8210 (JP).

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

(72, 75) OSAKI, Masayuki [JP/JP]; c/o Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3497 (JP).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E01C 19/22

(11) WO 03/027393 (13) A1

(21) PCT/US02/21542

(22) 9 Jul/juil 2002 (09.07.2002)

(25) en (26) en

(30) 09/965,614 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SOLID PAVEMENT MARKER

• MARQUE SUR LA CHAUSSEE SOLIDE

(71) PAC-TEC, INC. [US/US]; Mid-Ohio Industrial Park, 1870 James Parkway, Heath, OH 43056 (US).

(72) GALLUP, Thomas; 104 Car Stairs Road, Heath, OH 43056 (US). HEDGEWICK, Peter; 4600 Bradbury Court, Windsor, Ontario N9G 2M2 (CA).

(74) ANDERSON, Thomas, E. et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., Ste 400, 280 N. Old Woodward Ave., Birmingham, MI 48009 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E01F

(11) WO 03/027394 (13) A2

(21) PCT/US02/23566

(22) 23 Jul/juil 2002 (23.07.2002)

(25) en (26) en

(30) 09/961,539 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TRAFFIC BARRIER WITH LIQUID FILLED MODULES

• GLISSIERE DE SECURITE COMPRENANT DES MODULES REMPLIS DE LIQUIDES

(71) BARRIER SYSTEMS, INC. [US/US]; 180 River Road, Rio Vista, CA 94571 (US).

(72) DUCKETT, John, W.; 4901 Numaga Pass, Carson City, NV 89703 (US). DENMAN, Owen, S.; 8311 Dressage Way, Sacramento, CA 95829 (US). MAZER, Jack, S.; 556 Cooper Drive, Benicia, CA 94510 (US).

(74) LAMPE, Thomas, R.; Bielen, Lampe & Thoeming, Suite 720, 1990 N. California Blvd., Walnut Creek, CA 94596 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E01F 9/04, C08K 7/08

(11) WO 03/027395 (13) A1

(21) PCT/US02/23323

(22) 22 Jul/juil 2002 (22.07.2002)

(25) en (26) en

(30) 60/325,279 27 Sep/sep 2001 US (27.09.2001)

(30) 10/078,771 18 Feb/fév 2002 US (18.02.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PAVEMENT MARKING COMPOSITION COMPRISING CERAMIC FIBERS

• COMPOSITION DE MARQUAGE DE TROTTOIR COMPRENANT DES FIBRES CERAMIQUES

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) HELLAND, Randall, H.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). RICE, Eric, E.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) FISCHER, Carolyn, A. et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL  
PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

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

**(51)<sup>7</sup> E01F 9/04, C08J 5/04, C08L 101/00**(11) **WO 03/027396** (13) A1

(21) PCT/US02/30749

(22) **26 Sep/sep 2002 (26.09.2002)**

(25) en (26) en

(30) 60/325,279 **27 Sep/sep 2001** US  
(**27.09.2001**)(30) 10/078,771 **18 Feb/fév 2002** US  
(**18.02.2002**)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PAVEMENT MARKINGS COMPRISING SYNTHETIC POLYMERIC FIBERS

- ELEMENTS DE MARQUAGE AU SOL CONTENANT DES FIBRES POLYMERES SYNTHETIQUES

(71) **3M INNOVATIVE PROPERTIES COMPANY [US/US];** 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).(72) **HELLAND, Randall, H.;** Post Office Box 33427, Saint Paul, MN 55133-3427 (US).  
**NG, Chin Yee;** Post Office Box 33427, Saint Paul, MN 55133-3427 (US).(74) **FISCHER, Carolyn, A. et al. / etc.;** Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

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

**(51)<sup>7</sup> E01F 9/06, 9/00**(11) **WO 03/027397** (13) A1

(21) PCT/AT02/00282

(22) **26 Sep/sep 2002 (26.09.2002)**

(25) de (26) de

(30) A 1522/2001 **26 Sep/sep 2001** AT  
(**26.09.2001**)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LUMINOUS ROAD MARKING WITH LIGHT EMITTING DIODES

- MARQUAGE LUMINEUX SUR LA CHAUSSEE EN TECHNIQUE LED

(71) **SWARCO FUTURIT VERKEHRSSIGNALSYSTEME GES. MBH [AT/AT];** Industriestrasse 10, A-3300 Amstetten (AT).  
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **SILHENGST, Franz [AT/AT];** Hakenstrasse 53, A-3004 Ollern (AT).  
**OTTO, Alexander [AT/AT];** Korneuburgerstrasse 33, A-2102 Bisamberg (AT).(74) **BARGER, Werner et al. / etc.;** Mahlerstrasse 9, A-1010 Wien (AT).

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

**(51)<sup>7</sup> E01F 13/04**(11) **WO 03/027398** (13) A1

(21) PCT/CH02/00369

(22) **8 Jul/juil 2002 (08.07.2002)**

(25) de (26) de

(30) 1748/01 **21 Sep/sep 2001** CH  
(**21.09.2001**)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PNEUMATIC BARRIER

- BARRIERE PNEUMATIQUE

(71) **PROSPECTIVE CONCEPTS AG [CH/CH];** Rietstrasse 50, CH-8702 Zollikon (CH).

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

(72, 75) **EGLI, Wendelin [CH/CH];** Birchstrasse 14, CH-8472 Seuzach (CH).  
**KEREKES, Laszlo [CH/CH];** Breitensteinstrasse 91, CH-8037 Zürich (CH).  
**LÄUCHLI, Edith [CH/CH];** Forchstrasse 113, CH-8032 Zürich (CH).(74) **SALGO, R., C.;** Rütistrasse 103, CH-8636 Wald (CH).

(81) AU BR CA CN IN JP US ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

**(51)<sup>7</sup> E02D 3/12**(11) **WO 03/027399** (13) A1

(21) PCT/JP02/09605

(22) **19 Sep/sep 2002 (19.09.2002)**

(25) ja (26) ja

(30) 2001/286353 **20 Sep/sep 2001** JP  
(**20.09.2001**)(30) 2002/142916 **17 May/mai 2002** JP  
(**17.05.2002**)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • GROUND IMPROVING CONSTRUCTION METHOD AND GROUND IMPROVING DEVICE

- PROCEDE DE CONSTRUCTION AMELIORANT LES SOLS ET DISPOSITIF D'AMELIORATION DES SOLS

(71) **YUGENKAISHA****NEWTECHKENKYUSHA [JP/JP];** Room 504, Aric Bldg., 1-3, Douicho 7-chome, Amagasaki-shi, Hyogo 660-0083 (JP).

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

(72, 75) **NAKASHIMA, Shiro [JP/JP];** Room 601, Ruzefeel, 6-7, Shioe 1-chome, Amagasaki-shi, Hyogo 661-0976 (JP).  
**MATSUMOTO, Takuya [JP/JP];** Room 1401, Sentporia, 3-12, Uehonmachi 9-chome, Tennoji-ku, Osaka-shi, Osaka 543-0001 (JP).  
**MATSUMOTO, Hiroko [JP/JP];** Room 1005, Ruzefeel, 6-1, Shioe 1-chome, Amagasaki-shi, Hyogo 661-0976 (JP).  
**HASHIMOTO, Sadao [JP/JP];** 26-28, Kikunodai 3-chome, Chofu-shi, Tokyo 182-0007 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**(51)<sup>7</sup> E02D 29/14**(11) **WO 03/027400** (13) A1

(21) PCT/EP02/10482

(22) **18 Sep/sep 2002 (18.09.2002)**

(25) de (26) de

(30) 101 46 520.3 **21 Sep/sep 2001** DE  
(**21.09.2001**)(30) 101 51 449.2 **18 Oct/oct 2001** DE  
(**18.10.2001**)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COVER ARRANGEMENT

- SYSTEME DE RECOURVEMENT



(71) ACO SERVERIN AHLMANN GMBH & CO. KG. [DE/DE]; Am Ahlmannkai, 24755 Rendsburg (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) FUCHS, Alfred [DE/DE]; Am Goldborn 11b, 65623 Hahnstätten (DE).

(74) BOHNENBERGER, Johannes et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, 81633 München (DE).

(81) BY CN PL UA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> E02F 3/36

(11) WO 03/027401 (13) A1

(21) PCT/KR02/01808

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ko (26) en

(30) 2001-59555 26 Sep/sep 2001 KR (26.09.2001)

(30) 2001-40537 U 28 Dec/déc 2001 KR (28.12.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ATTACHMENT COUPLING DEVICE FOR HEAVY MACHINERY

• DISPOSITIF D'ACCOUPLLEMENT POUR ENGIN DE CHANTIER

(71) HANWOO TNC CORPORATION [KR/KR]; 695-1, Kuro-Dong, Kuro-Ku, 152-050 Seoul (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) LIM, Jong Hyuk [KR/KR]; Mokdong Apt. 711-1304, Mok-1-dong, Yangchon-gu, 158-051 Seoul (KR). LEE, Sung Chan [KR/KR]; Shindonga Apt. 106-1505, 607 Sibjong-2-dong, Bupyeong-gu, 403-132 Incheon (KR).

(74) LIM, Young Hee; Sinmyong Bldg., 3rd Floor, 645-21, Yoksam-dong, Kangnam-ku, 135-080 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E02F 3/88, E01B 27/04

(11) WO 03/027402 (13) A1

(21) PCT/SE02/01727

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 0103174-9 24 Sep/sep 2001 SE (24.09.2001)

(30) 60/324,044 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS AND METHOD FOR SUCTION AND DISCHARGE OF MATERIAL

• DISPOSITIF ET PROCÉDE POUR L'ASPIRATION ET L'EVACUATION DE MATÉRIAU

(71) DISAB VACUUM TECHNOLOGY AB [SE/SE]; Åkermans väg 24, Box 170, S-241 23 Eslöv (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) HAUGEN, Karl, T. [SE/SE]; Blentarpsvägen 31, S-270 35 Blentarps (SE). LÖVGREN, Gert [SE/SE]; Apotekarevägen 15, S-237 32 Bjärred (SE). BILLBERG, Jan [SE/SE]; Kaplanstigen 14, S-240 13 Genarp (SE). HAUK, Gisle [NO/NO]; Tømmerlensa 20, N-3726 Skien (NO).

(74) AWAPATENT AB; Box 5117, S-200 71 Malmö (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E03C 1/06

(11) WO 03/027403 (13) A1

(21) PCT/EP02/09084

(22) 14 Aug/août 2002 (14.08.2002)

(25) de (26) de

(30) 101 48 900.5 21 Sep/sep 2001 DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • UNIT FOR MOUNTING PLUMBING FIXTURES

• UNITE DE MONTAGE D'INSTALLATIONS SANITAIRES

(71) HANS GROHE AG [DE/DE]; Auestrasse 5-9, 77761 Schiltach (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) GLUNK, Günter [DE/DE]; Obere Lehrstrasse 9, 78737 Fluorn-Winzeln (DE).

(74) SCHÖNDORF, Jürgen; Ruff, Wilhelm, Beier, Dauster & Partner, Kronenstrasse 30, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E03C 1/18

(11) WO 03/027404 (13) A1

(21) PCT/DE02/03579

(22) 24 Sep/sep 2002 (24.09.2002)

(25) de (26) de

(30) 101 46 874.1 24 Sep/sep 2001 DE (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PLANAR SANITARY EQUIPMENT, ESPECIALLY A WASH BASIN, SINK OR THE LIKE

• EQUIPEMENT SANITAIRE PLAN, NOTAMMENT LAVABO, EVIER OU ANALOGUE

(71, 72) KLEIN, Jürgen [DE/DE]; Margaretenstrasse 12, 48145 Münster (DE).

(74) SCHNEIDER, Uwe; Holbeinstrasse 27, 59423 Unna (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> E03D 9/00, A61L 9/05

(11) WO 03/027405 (13) A1

(21) PCT/GB02/04371

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 0123250.3 27 Sep/sep 2001 GB (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A DISPENSER

• DISTRIBUTEUR

(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) SMITH, Nigel, Peter [GB/GB]; Lantern Cottage, Liverton, Newton Abbot, Devon TQ12 6HH (GB).

(74) NEWSTEAD, Michael, John; Page Hargrave, Southgate, Whitefriars, Lewins Mead, Bristol BS1 2NT (GB).

(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 SD SE SG SI SK (Utility model / modèle d'utilité) 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> E04B

(11) WO 03/027406 (13) A2

(21) PCT/US02/30052

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 09/961,568 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • THERMALLY INSULATING BUILDING WALL STRUCTURE  
• STRUCTURE DE PAROI DE CONSTRUCTION THERMIQUEMENT ISOLANTE

(71) HEYDON INTERNATIONAL, INC. [US/US]; 2699 E. Valencia Road, Tucson, AZ 85706 (US).

(72) HEYDON, John, J.; 1383 Calle Hermosa, Tucson, AZ 85715 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04B 1/68

(11) WO 03/027407 (13) A1

(21) PCT/AT01/00334

(22) 16 Oct/oct 2001 (16.10.2001)

(25) de (26) de

(30) A 1530/01 27 Sep/sep 2001 AT (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE FOR SEALING THE JOINT FORMED BETWEEN TWO SECTIONS OF A CONCRETE BODY

• DISPOSITIF DESTINE A RENDRE ETANCHE LA JOINTURE FORMEE ENTRE DEUX PARTIES D'UN CORPS EN BETON

(71, 72) BRUCKNER, Johann [AT/AT]; Grossmannstrasse 3-7/90, A-1220 Wien (AT).

(74) ATZWANGER, Richard; Mariahilfer Strasse 1c, A-1060 Wien (AT).

(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 DK DM DZ EC 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 PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA 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 GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04B 1/82, E04F 10/08

(11) WO 03/027408 (13) A1

(21) PCT/FR02/03275

(22) 25 Sep/sep 2002 (25.09.2002)

(25) fr (26) fr

(30) 01/12322 25 Sep/sep 2001 FR (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SOUND WAVE ATTENUATING ACOUSTIC DEVICE

• DISPOSITIF ACOUSTIQUE D'ATTENUATION DES ONDES SONORES

(71) TEXAA [FR/FR]; 43, allée Mégevie, F-33170 Gradignan (FR).

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

(72, 75) ANDRE, Axel [FR/FR]; 14, rue Saulnier, F-75009 Paris (FR). BOISSARIE, Xavier [FR/FR]; 56, rue Nollet, F-75017 Paris (FR). COMBY, Grégoire [FR/FR]; 9, rue Hustin, F-33000 Bordeaux (FR).

(74) DRONNE, Guy et al. / etc.; Cabinet Beau de Loménie, 158, rue de l'Université, F-75340 Paris Cedex 07 (FR).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> E04B 2/72

(11) WO 03/027409 (13) A1

(21) PCT/US02/28833

(22) 10 Sep/sep 2002 (10.09.2002)

(25) en (26) en

(30) 09/964,013 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD FOR PROVIDING VIEWPORTS IN A CLOSED WALL FABRICATION PROCESS

• SYSTEME ET PROCEDE PERMETTANT DE MENAGER DES ORIFICES D'INSPECTION DANS UN MUR FERME AU COURS DE SON PROCESSUS DE PRODUCTION

(71) DOW GLOBAL TECHNOLOGIES INC. [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).

(72) PLSEK, William, J.; 812 Evergreen Drive, Friendswood, TX 77546 (US). HARRIS, Ellen, M.; 110 Spanish Moss, Lake Jackson, TX 77546 (US).

(74) MORK, Steven, W.; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)<sup>7</sup> E04B 5/38, 5/26

(11) WO 03/027410 (13) A1

(21) PCT/IB02/03879

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 2001/7827 21 Sep/sep 2001 ZA (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FLOOR COMPRISING PRE-FORMED ELEMENTS AND METHOD OF CONSTRUCTION OF SAID FLOOR

• PLANCHER COMPRENANT DES ELEMENTS PREFORMES ET PROCEDE DE CONSTRUCTION DUDIT PLANCHER

(71, 72) BABEN, Jacques, André [ZA/ZA]; 82 Imbuia Street, Northcliff, Johannesburg, 2115 Gauteng Province (ZA).

(72) MUGNAIONI, Goffredo; 118 Casper Rod, Fairlands, Johannesburg, 2195 Gauteng Province (ZA).

(74) SCHWEIZER, Adrian, Victor, Van; Adams & Adams (Johannesburg Office), 3rd Floor, 23 Wellington Road, Parktown, Johannesburg, 2193 Gauteng Province (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 SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04B 9/04, 9/00, 9/28

(11) WO 03/027411 (13) A1

(21) PCT/FR02/03224

(22) 20 Sep/sep 2002 (20.09.2002)

(25) fr (26) fr

(30) 01/12210 21 Sep/sep 2001 FR  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CEILING PANEL  
• REVETEMENT DE PLAFOND

(71) LAFARGE PLATRES [FR/FR]; 500, rue  
Marcel Demonque, Zone du Pôle Tech-  
nologique, Agro Parc, F-84915 Avignon  
(FR).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BOLD, Jörg [DE/FR]; 24, impasse des  
Camélias, F-84250 Le Thor (FR).

(74) POCHART, François; Cabinet Hirsch-  
Pochart, 34, rue de Bassano, F-75008 Paris  
(FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04C

(11) WO 03/027412 (13) A2

(21) PCT/GB02/04366

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 0123136.4 26 Sep/sep 2001 GB  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • STRUCTURAL BEAM  
• POUTRE DE CHARPENTE

(71) FABSEC LTD [GB/GB]; Brooklands Court,  
Tunstall Road, Leeds LS11 5HL (GB).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) NEWMAN, Gerald, M. [GB/GB]; Steel  
Construction Institute, Selwood Park, Ascot,  
Berkshire SL5 7QN (GB). POTTAGE, Alan,  
Victor [GB/GB]; 4 Station View, Cross Gates,  
Scarborough YO12 4HG (GB).

(74) FORRESTER KETLEY & CO; Chamber-  
lain House, Paradise Place, Birmingham B3  
3HP (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> E04C 2/52

(11) WO 03/027413 (13) A1

(21) PCT/US02/28946

(22) 10 Sep/sep 2002 (10.09.2002)

(25) en (26) en

(30) 09/963.989 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND SYSTEM FOR PRO-  
VIDING CONDUIT AND BOXES IN A  
CLOSED WALL SYSTEM

• PROCEDE ET SYSTEME D'INSTAL-  
LATION DE CONDUITS ET DE COM-  
PARTIMENTS DANS UN SYSTEME DE  
MUR FERME

(71) DOW GLOBAL TECHNOLOGIES INC.  
[US/US]; Washington Street, 1790 Building,  
Midland, MI 48674 (US).

(72) PLSEK, William, J.; 812 Evergreen Drive,  
Friendswood, TX 77546 (US). BERGTOLD,  
Gregory, S.; 5212 Stony Creek Drive, Mid-  
land, MI 48640 (US).

(74) MORK, Steven, W.; The Dow Chemical  
Company, Intellectual Property, P.O. Box  
1967, Midland, MI 48641-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR 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 NO NZ OM PH PL PT RO RU SD SE  
SG SI SK SL TJ TM TN TR TT TZ UA UG  
UZ 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04C 5/07, E04G 23/00, E04H 9/02

(11) WO 03/027414 (13) A1

(21) PCT/JP02/02167

(22) 8 Mar/mar 2002 (08.03.2002)

(25) ja (26) ja

(30) PCT/JP01/08287 25 Sep/sep 2001 JP  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CONSTRUCTION AND METHOD FOR  
REINFORCING STRUCTURE, CON-  
STRUCTION AND METHOD FOR  
BASE ISOLATION, AND REINFORCE-  
MENT MATERIAL

• CONSTRUCTION ET PROCEDE DE  
CONSOLIDATION DE STRUCTURE,  
CONSTRUCTION ET PROCEDE D'ISO-  
LATION DE BASE ET MATERIAU DE  
CONSOLIDATION

(71) STRUCTURAL QUALITY ASSUR-  
ANCE, INC. [JP/JP]; 1-11-5, Kudankita,  
Chiyoda-ku, Tokyo 102-8220 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) IGARASHI, Shunichi [JP/JP]; c/o  
Structural Quality Assurance Inc., 1-11-5,  
Kudankita, Chiyoda-ku, Tokyo 102-8220  
(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 SI 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).

(51)<sup>7</sup> E04D 13/12, 15/00, E04G 3/00, E04D  
11/00

(11) WO 03/027415 (13) A1

(21) PCT/GB02/04375

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 0123229.7 27 Sep/sep 2001 GB  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IMPROVEMENTS RELATING TO SUP-  
PORT PLATFORMS  
• AMELIORATIONS APORTEES A DES  
PLATES-FORMES DE SUPPORT

(71) ALANDICK AND COMPANY LIMITED  
[GB/GB]; The Barlands, London Road, Chel-  
tenham GL52 6UT (GB).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) MEARNES, John [GB/GB]; The Bar-  
lands, London Road, Cheltenham GL52 6UT  
(GB).

(74) JAMES, Michael, John, Gwynne et al. /  
etc.; Wynne-Jones Laine & James, 22 Rodney  
Road, Cheltenham, Gloucestershire GL50 1JJ  
(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 SI SK SL TJ TM TN TR TT  
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)<sup>7</sup> E04G 23/02  
 (11) WO 03/027416 (13) A1  
 (21) PCT/JP01/08287  
 (22) 25 Sep/sep 2001 (25.09.2001)  
 (25) ja (26) ja  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • STRUCTURE REINFORCING CONSTRUCTION, REINFORCING MATERIAL, EARTHQUAKE ISOLATION DEVICE, AND REINFORCING METHOD  
 • CONSTRUCTION DE RENFORCEMENT DE STRUCTURE, MATERIAU DE RENFORCEMENT, DISPOSITIF PERMETTANT DE RESISTER AUX TREMBLEMENTS DE TERRE ET PROCEDE DE RENFORCEMENT  
 (71) STRUCTURAL QUALITY ASSURANCE, INC. [JP/JP]; 1-11-5, Kudankita, Chiyoda-ku, Tokyo 102-8220 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) IGARASHI, Shunichi [JP/JP]; c/o Structural Quality Assurance Inc., 1-11-5, Kudankita, Chiyoda-ku, Tokyo 102-8220 (JP).  
 (81) CN JP KR MK RO US.  
 (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).  
 (51)<sup>7</sup> E04G 23/02  
 (11) WO 03/027417 (13) A1  
 (21) PCT/JP02/09838  
 (22) 25 Sep/sep 2002 (25.09.2002)  
 (25) ja (26) ja  
 (30) PCT/JP01/08287 25 Sep/sep 2001 JP (25.09.2001)  
 (30) PCT/JP02/02167 8 Mar/mar 2002 JP (08.03.2002)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • REINFORCEMENT MATERIAL AND REINFORCEMENT STRUCTURE OF STRUCTURE AND METHOD OF DESIGNING REINFORCEMENT MATERIAL  
 • MATERIAU D'ARMATURE ET STRUCTURE D'ARMATURE D'UNE STRUCTURE ET PROCEDE DE CONCEPTION D'UN MATERIAU D'ARMATURE  
 (71) STRUCTURAL QUALITY ASSURANCE, INC. [JP/JP]; 1-11-5, Kudankita, Chiyoda-ku, Tokyo 102-8220 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) IGARASHI, Shunichi [JP/JP]; c/o Structural Quality Assurance Inc., 1-11-5, Kudankita, Chiyoda-ku, Tokyo 102-8220 (JP).  
 (74) TAKEDA, Masahiko et al. / etc.; Zexel Bldg. Akasaka, 13-1, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-0014 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TN 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
 1140 Prospect Street, Hatfield, P.O. Box 1014, 0001 Pretoria (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
 (51)<sup>7</sup> E04H 3/00  
 (11) WO 03/027418 (13) A2  
 (21) PCT/PL02/00052  
 (22) 17 Jul/juil 2002 (17.07.2002)  
 (25) en (26) en  
 (30) P-348939 25 Jul/jul 2001 PL (25.07.2001)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • RECREATION AND UTILITY BUILDING  
 • IMMEUBLE RECREATIF ET UTILITAIRE  
 (71, 72) FILCEK, Magdalena [PL/PL]; ul. Chrobrego 5, PL-55-120 Oborniki Slaskie (PL).  
 (74) RACHUBIK, Irena; Patpol Ltd., ul. Nowoursynowska 162J, PL-02-776 Warszawa (PL).  
 (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 PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
 (51)<sup>7</sup> E04H 4/16  
 (11) WO 03/027419 (13) A1  
 (21) PCT/IB02/03876  
 (22) 20 Sep/sep 2002 (20.09.2002)  
 (25) en (26) en  
 (30) 2001/7826 21 Sep/sep 2001 ZA (21.09.2001)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • CLEANING OF A SUBMERGED SURFACE  
 • NETTOYAGE D'UNE SURFACE IMMERGEE  
 (71) ZODIAC POOL CARE EUROPE SAS [FR/FR]; 2 rue Maurice Mallet, F-92130 Les Molineaux (FR).  
*(for all designated States except / pour tous les États désignés sauf CA MX US)*  
 (71) ZODIAC POOL CARE, INC. [US/US]; 2028 NW 25th Avenue, Pompano Beach, FL 33069 (US).  
*(only for / seulement pour CA MX)*  
 (72, 75) VAN DER MEIJDEN, Hendrikus, Johannes [ZA/ZA]; Plot 2 of 215, Old Pretoria Road, Glen Austin, 1685 Halfway House (ZA). MOORE, Michael, Edward [ZA/ZA]; 3 Glasgow Road, 2092 Westdene (ZA).  
 (74) FERREIRA, Stephanus, Cornelius; Adams & Adams, Adams & Adams Place,  
 1140 Prospect Street, Hatfield, P.O. Box 1014, 0001 Pretoria (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
 (51)<sup>7</sup> E04H 5/02  
 (11) WO 03/027420 (13) A1  
 (21) PCT/ZA02/00147  
 (22) 20 Sep/sep 2002 (20.09.2002)  
 (25) en (26) en  
 (30) 2001/7937 27 Sep/sep 2001 ZA (27.09.2001)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • TOWER AND TOWER CONSTRUCTION  
 • TOUR ET PROCEDE DE CONSTRUCTION ASSOCIE  
 (71, 72) COETZER, Petrus, Albertus [ZA/ZA]; 21 First Avenue, Menlo Park, 0081 Pretoria (ZA).  
 (74) MCCALLUM RADEMEYER & FREIMOND et al. / etc.; PO Box 1130, 7 Maelyn House, Bordeaux, 2125 Randburg (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
 (51)<sup>7</sup> E05B  
 (11) WO 03/027421 (13) A2  
 (21) PCT/US02/30795  
 (22) 26 Sep/sep 2002 (26.09.2002)  
 (25) en (26) en  
 (30) 60/325,431 26 Sep/sep 2001 US (26.09.2001)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • LOCK ASSEMBLY HAVING SECURE ENGAGEMENT PLATE  
 • ENSEMBLE VERROU COMPRENANT UNE PLAQUE DE VERROUILLAGE DE SECURITE  
 (71, 72) SQUIER, Randy, L. [US/US]; 1333 Highland Road, Stillwater, MN 55082 (US).  
 (74) FREED, Robert, C.; Moore & Hansen, 2900 Wells Fargo Center, 90 South Seventh Street, Minneapolis, MN 55402 (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> E05B 9/02, 63/08

(11) WO 03/027422 (13) A1

(21) PCT/SE02/01746

(22) 25 Sep/sep 2002 (25.09.2002)

(25) sv (26) en

(30) 0103247-3 28 Sep/sep 2001 SE (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LOCK DEVICE AND A PLATE ELEMENT COMPRISED THEREIN  
• DISPOSITIF DE VERROUILLAGE COMPORTANT UN ELEMENT DE PLAQUE

(71) ASSA AB [SE/SE]; Box 371, S-631 05 Eskilstuna (SE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIRVI, Jorma [SE/SE]; Tunavägen 29, S-640 43 ESKILSTUNA (SE).

(74) ESTREEN, Lars et al. / etc.; Kransell & Wennborg AB, Box 27834, S-115 93 Stockholm (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E05D 5/12

(11) WO 03/027423 (13) A1

(21) PCT/DE02/02737

(22) 25 Jul/juil 2002 (25.07.2002)

(25) de (26) de

(30) 201 15 722.5 25 Sep/sep 2001 DE (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HINGE

• CHARNIERE

(71) SCHMALE GMBH. & CO. KG. [DE/DE]; Schützenstrasse 14, 58511 Lüdenschheid (DE).

(72) HUCKSCHLAG, Heinz-Georg; Müggelbrucher Weg 12, 58849 Herscheid (DE). HUMER, Günther; Am Rohbusch 27, 58849 Herscheid (DE).

(74) DÖRNER & DÖRNER; Stresemannstrasse 15, 58095 Hagen (DE).

(81) ID KP SI YU.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> E05F

(11) WO 03/027424 (13) A2

(21) PCT/US02/24888

(22) 5 Aug/août 2002 (05.08.2002)

(25) en (26) en

(30) 09/923,495 6 Aug/août 2001 US (06.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DUAL SAFETY-EDGE FOR AN OVERHEAD DOOR  
• DOUBLE BORDURE DE SECURITE POUR PORTE BASCULANTE

(71) RYTEC CORPORATION [US/US]; One Cedar Parkway, P.O. Box 403, Jackson, WI 53037-0403 (US).

(72) GREGORIOU, Daniel, J.; 9280 Windy Acres Drive, Kewaskum, WI 53040 (US). KONETZKI, Jeffrey; W177N8755 Sheperd Drive, Menomonee Falls, WI 53051 (US). DELGADO, Joe, M.; 4942 South 18th Avenue, West Bend, WI 53094 (US).

(74) MORNEAULT, Monique, A. et al. / etc.; Wallenstein & Wagner, Ltd., 311 South Wacker Drive-5300, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E05F

(11) WO 03/027425 (13) A2

(21) PCT/US02/27646

(22) 29 Aug/août 2002 (29.08.2002)

(25) en (26) en

(30) 09/944,539 31 Aug/août 2001 US (31.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CLOSER FOR A SLIDING DOOR  
• FERME-PORTE POUR PORTE COULISSANTE

(71, 72) CAUCHON, Roderick, William [US/US]; 2416 La Tinada Court, Carlsbad, CA 92009 (US).

(74) NYDEGGER, Neil, K. et al. / etc.; Nydegger & Associates, 348 Olive Street, San Diego, CA 92103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E05F 15/14, B60J 5/06

(11) WO 03/027426 (13) A1

(21) PCT/JP02/09753

(22) 24 Sep/sep 2002 (24.09.2002)

(25) ja (26) ja

(30) 2001-288570 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • POWER SLIDE DEVICE FOR VEHICLE SLIDE DOORS  
• DISPOSITIF COULISSANT MECANIQUE POUR PORTES COULISSANTES DE VEHICULE

(71) MITSUI KINZOKU KOGYO KABUSHIKI KAISHA [JP/JP]; 11-1, Ohsaki 1-chome, Shinagawa-ku, Tokyo 141-8584 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOKOMORI, Kazuhito [JP/JP]; c/o Mitsui Kinzoku Kogyo Kabushiki Kasihira Nirasaki Works, 1200, Shimojo Nishiwari, Okusa-cho, Nirasaki-shi, Yamanashi 407-8555 (JP).

(74) NIIZEKI, Junichiro; NIIZEKI INTERNATIONAL PATENT OFFICE, 6-3, Nishi-shinjuku 6-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) DE GB US.

(51)<sup>7</sup> E06B 3/50

(11) WO 03/027427 (13) A1

(21) PCT/CN01/01568

(22) 19 Nov/nov 2001 (19.11.2001)

(25) zh (26) zh

(30) 01 1 28489.7 21 Sep/sep 2001 CN (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMBINED WINDOW  
• FENETRE COMBINEE

(71, 72) LU, Zhongxuan [CN/CN]; Room 401, Section 1, Zonghe Building 9-1, Xinhua Street, Nanning, the Guangxi Zhuang Autonomous Region 530000 (CN).

(74) LUNG TIN INT'L PATENT & TRADE-MARK AGENT LTD.; 18th Floor, Tower B, Grand Place, Huizhong Road, Chaoyang District, 100101 Beijing (CN).

(81) 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 PH PL PT RO RU SD SE SG SI  
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 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)<sup>7</sup> E06B 9/88, F16D 3/02

(11) WO 03/027428 (13) A1

(21) PCT/IB02/03780

(22) 13 Sep/sep 2002 (13.09.2002)

(25) fr (26) fr

(30) 01 12224 21 Sep/sep 2001 FR  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ELASTIC COUPLING DEVICE FOR  
ALIGNING TWO ROTATING PARTS  
• DISPOSITIF D'ACCOUPLLEMENT  
ELASTIQUE DESTINE A ALIGNER  
DEUX PIECES EN ROTATION

(71) SOMFY S.A.S. [FR/FR]; 8, avenue de  
Margenceel, F-74300 CLUSES (FR). MEN-  
ETRIER, Didier, Maurice [FR/FR]; 4492  
Route du Coteau, F-74970 Marignier (FR).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) LAGARDE, Eric [FR/FR]; 119, Im-  
passe de la Route du Battoir, F-74700 Sal-  
lanches (FR).

(74) MEYLAN, Robert, M. et al. / etc.; c/o  
Bugnion S.A., Case Postale 375, CH-1211  
Genève 12 (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 NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E06B 11/02, E05F 1/10, A63K 3/00, 3/02

(11) WO 03/027429 (13) A1

(21) PCT/AU02/01266

(22) 13 Sep/sep 2002 (13.09.2002)

(25) en (26) en

(30) 2001100400 24 Sep/sep 2001 AU  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A GATE BRACKET CONTAINING  
CUSHIONING MATERIAL  
• SUPPORT DE PORTE CONTENANT UN  
MATERIAU D'AMORTISSEMENT

(71, 72) KREUTZER, Geoffrey, John  
[AU/AU]; 98 Kunde Road, HAZELDEAN  
via KILCOY, Queensland 4515 (AU).

(74) CULLEN & CO.; Level 26, 239 George  
Street, BRISBANE, Queensland 4000 (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 NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E21B

(11) WO 03/027430 (13) A2

(21) PCT/US02/26412

(22) 19 Aug/août 2002 (19.08.2002)

(25) en (26) en

(30) 09/935,182 22 Aug/août 2001 US  
(22.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DOWNHOLE PACKER SYSTEM UTI-  
LIZING ELECTROACTIVE POLYMERS  
• SYSTEME DE GARNITURE DE FOND  
DE PUIITS A BASE DE POLYMERES  
ELECTROACTIFS

(71) BAKER HUGES INCORPORATED  
[US/US]; 3900 Essex Lane, Suite 1200,  
Houston TX 77027 (US).

(72) GOODSON, James, E., Jr.; 22605 Walnut  
Drive, Porter, TX 77365 (US).

(74) CARSON, Matt, W.; Baker Oil Tools, Le-  
gal Dept., 9100 Emmott Road, Houston, TX  
77040 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E21B

(11) WO 03/027431 (13) A2

(21) PCT/US02/30202

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/325,071 26 Sep/sep 2001 US  
(26.09.2001)(30) 60/340,224 7 Dec/déc 2001 US  
(07.12.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND MATERIALS FOR HY-  
DRAULIC FRACTURING OF WELLS

• PROCEDE ET MATERIAUX DE FRAC-  
TURATION HYDRAULIQUE DE PUIITS

(71, 72) COOKE, Claude, E., Jr. [US/US]; 197  
Lake View Circle, Montgomery, TX 77356  
(US).

(74) COOKE, Claude, E., Jr.; Baker Botts  
L.L.P., 910 Louisiana Street, One Shell Plaza,  
Houston, TX 77002 (US).

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

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

## Declaration / Déclaration :

(r) for all designations / pour toutes les désignations

(51)<sup>7</sup> E21B

(11) WO 03/027432 (13) A2

(21) PCT/US02/30987

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/964,057 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • EROSION RESISTANT DRILLING  
HEAD ASSEMBLY  
• ENSEMBLE TETE DE FORAGE RESIS-  
TANT A L'EROSION

(71) DIAMOND ROTATING HEADS, INC.  
[US/US]; P.O. Box 4751, Odessa, TX 79760  
(US).

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

(72, 75) LOOPER, Patrick [—/US]; 94 San  
Clemente Circle, Odessa, TX 79765 (US).

(74) SENTILLES, Shawn; Adams and Reese,  
LLP, 4500 One Shell Square, 701 Poydras  
Street, New Orleans, LA 70139 (US) et al. /  
etc.

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

(51)<sup>7</sup> E21B 4/00, 4/02, 4/04, 4/16, F03B 13/02,  
F04C 2/107

(11) WO 03/027433 (13) A1

(21) PCT/US02/29388

(22) 16 Sep/sep 2002 (16.09.2002)

- (25) en (26) en  
(30) 60/324,866 27 Sep/sep 2001 US  
(27.09.2001)  
(30) EV091505880US 26 Aug/aout 2002 US  
(26.08.2002)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • AN INVERTED MOTOR FOR  
DRILLING  
• MOTEUR INVERSE DE FORAGE  
(71, 72) OGLESBY, Kenneth, D. [US/US];  
12511 West 68th Street, Sapulpa, OK 74066  
(US).  
(74) KACHIGIAN, Mark, G.; Head, Johnson &  
Kachigian, 228 West 17th Place, Tulsa, OK  
74119 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> E21B 31/12  
(11) WO 03/027434 (13) A1  
(21) PCT/NO01/00392  
(22) 26 Sep/sep 2001 (26.09.2001)  
(25) no (26) en  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • ARRANGEMENT IN A GRIPPER  
MECHANISM FOR A FREE PIPE/ROD-  
LIKE END PORTION OF A DOWN-  
HOLE TOOL  
• AGENCEMENT MONTE DANS UN  
MECANISME DE PREHENSION POUR  
UNE PARTIE D'EXTREMITE LIBRE  
EN FORME DE TUYAU/TIGE D'UN  
OUTIL DE FOND  
(71) BAKKE TECHNOLOGY AS [NO/NO];  
Opstadveien 11, N-4330 Ålgård (NO).  
(for all designated States except / pour tous  
les États désignés sauf US)  
(72, 75) BAKKE, Stig [NO/NO]; Bekkeleia 1,  
N-4330 Ålgård (NO).  
(74) HÅMSØ PATENTBYRÅ ANS; Våggsgaten  
43, N-4306 Sandnes (NO).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ PH PL PT RO RU  
SD SE SG SI 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 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).

- (51)<sup>7</sup> E21B 43/10, 17/10, 43/08  
(11) WO 03/027435 (13) A1  
(21) PCT/GB02/04303  
(22) 23 Sep/sep 2002 (23.09.2002)  
(25) en (26) en  
(30) 09/964,160 26 Sep/sep 2001 US  
(26.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • PROFILED ENCAPSULATION FOR  
USE WITH INSTRUMENTED EX-  
PANDABLE TUBULAR COMPLE-  
TIONS  
• ENCAPSULATION PROFILEE A UTI-  
LISER AVEC DES COMPLETIONS  
TUBULAIRES EXTENSIBLES INS-  
TRUMENTEES  
(71) WEATHERFORD/LAMB, INC. [US/US];  
515 Post Oak Blvd, Suite 600, Houston, TX  
77027 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)  
(72, 75) CAMERON, John, Alasdair, MacDon-  
ald [GB/GB]; Birchfield, High Street, Kem-  
nay, Aberdeenshire AB51 5NB (GB).  
(74) Harding, Richard, Patrick et al. / etc.;  
Marks & Clerk, 4220 Nash Court, Oxford  
Business Park South, Oxford, Oxfordshire  
OX4 2RU (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).  
(51)<sup>7</sup> E21B 43/10  
(11) WO 03/027436 (13) A1  
(21) PCT/GB02/04315  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) en (26) en  
(30) 09/964,034 26 Sep/sep 2001 US  
(26.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • PROFILED RECESS FOR INSTRU-  
MENTED EXPANDABLE COMPO-  
NENTS  
• EVIDEMENT PROFILE POUR COM-  
POSANTS DEPLOYABLES INSTRU-  
MENTES  
(71) WEATHERFORD/LAMB, INC. [US/US];  
515 Post Oak Blvd, Suite 600, Houston, TX  
77027 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)  
(71) HARDING, Richard, Patrick [GB/GB];  
Marks & Clerk, 4220 Nash Court, Oxford  
Business Park South, Oxford, Oxfordshire  
OX4 2RU (GB).  
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- (72, 75) CAMERON, John, Alasdair, MacDon-  
ald [GB/GB]; Birchfield, High Street, Kem-  
nay, Aberdeenshire AB51 5NB (GB).  
(74) MARKS & CLERK et al. / etc.; 4220 Nash  
Court, Oxford Business Park South, Oxford,  
Oxfordshire OX4 2RU (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).  
(51)<sup>7</sup> F01C 1/344, F01B 13/06, F04C 18/344,  
F04B 27/06  
(11) WO 03/027437 (13) A1  
(21) PCT/JP02/09717  
(22) 20 Sep/sep 2002 (20.09.2002)  
(25) ja (26) ja  
(30) 2001-289384 21 Sep/sep 2001 JP  
(21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • ROTARY FLUID MACHINE  
• MACHINE A FLUIDE ROTATIVE  
(71) HONDA GIKEN KOGYO KABUSHIKI  
KAISHA [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) KIMURA, Yasunari [JP/JP]; c/o  
Kabushiki Kaisha Honda Gijutsu Kenkyusho,  
4-1, Chuo 1-chome, Wako-shi, Saitama  
351-0193 (JP). ENDOH, Tsuneo [JP/JP]; c/o  
Kabushiki Kaisha Honda Gijutsu Kenkyusho,  
4-1, Chuo 1-chome, Wako-shi, Saitama  
351-0193 (JP). TAKAHASHI, Tsutomu  
[JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu  
Kenkyusho, 4-1, Chuo 1-chome, Wako-shi,  
Saitama 351-0193 (JP).  
(74) OCHIAI, Takeshi et al. / etc.; TO Build-  
ing, 6-3, Taito 2-chome, Taito-ku, Tokyo 110-  
0016 (JP).  
(81) US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).  
(51)<sup>7</sup> F01C 1/344, F01B 13/06, F04C 18/344,  
F04B 27/06  
(11) WO 03/027438 (13) A1  
(21) PCT/JP02/09718  
(22) 20 Sep/sep 2002 (20.09.2002)  
(25) ja (26) ja  
(30) 2001-289385 21 Sep/sep 2001 JP  
(21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • ROTARY FLUID MACHINE  
• MACHINE A FLUIDE ROTATIVE  
(71) HONDA GIKEN KOGYO KABUSHIKI  
KAISHA [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) KIMURA, Yasunari [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). ENDOH, Tsuneo [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). ICHIKAWA, Hiroshi [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). TAKAHASHI, Tsutomu [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

(74) OCHIAI, Takeshi et al. / etc.; TO Building, 6-3, Taito 2-chome, Taito-ku, Tokyo 110-0016 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F01C 1/344, F01B 13/06, F04C 18/344, F04B 27/06

(11) WO 03/027439 (13) A1

(21) PCT/JP02/09719

(22) 20 Sep/sep 2002 (20.09.2002)

(25) ja (26) ja

(30) 2001-289387 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ROTARY FLUID MACHINE  
• MACHINE A FLUIDE ROTATIVE

(71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [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) ICHIKAWA, Hiroshi [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). ENDOH, Tsuneo [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). TAKAHASHI, Tsutomu [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). KIMURA, Yasunari [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

(74) OCHIAI, Takeshi et al. / etc.; TO Building, 6-3, Taito 2-chome, Taito-ku, Tokyo 110-0016 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F01C 1/344, F01B 13/06, F04C 18/344, F04B 27/06

(11) WO 03/027440 (13) A1

(21) PCT/JP02/09720

(22) 20 Sep/sep 2002 (20.09.2002)

(25) ja (26) ja

(30) 2001-289388 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ROTARY FLUID MACHINE  
• MACHINE HYDRAULIQUE ROTATIVE

(71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [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) TAKAHASHI, Tsutomu [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). ENDOH, Tsuneo [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). ICHIKAWA, Hiroshi [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). KIMURA, Yasunari [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

(74) OCHIAI, Takeshi et al. / etc.; TO Building, 6-3, Taito 2-chome, Taito-ku, Tokyo 110-0016 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F01C 1/344, F01B 13/06, F04C 18/344, F04B 27/06

(11) WO 03/027441 (13) A1

(21) PCT/JP02/09721

(22) 20 Sep/sep 2002 (20.09.2002)

(25) ja (26) ja

(30) 2001-289391 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ROTARY FLUID MACHINERY  
• MACHINE HYDRAULIQUE ROTATIVE

(71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [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) NIIKURA, Hiroyuki [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). ICHIKAWA, Hiroshi [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). KIMURA, Yasunari [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). TAJIMA, Yuichiro [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

(74) OCHIAI, Takeshi et al. / etc.; TO Building, 6-3, Taito 2-chome, Taito-ku, Tokyo 110-0016 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F01C 1/344, F01B 13/06, F04C 18/344, F04B 27/06

(11) WO 03/027442 (13) A1

(21) PCT/JP02/09722

(22) 20 Sep/sep 2002 (20.09.2002)

(25) ja (26) ja

(30) 2001-289394 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ROTARY FLUID MACHINERY  
• MACHINE HYDRAULIQUE ROTATIVE

(71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [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) KIMURA, Yasunari [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). NIIKURA, Hiroyuki [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). TAKAHASHI, Tsutomu [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). ICHIKAWA, Hiroshi [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

(74) OCHIAI, Takeshi et al. / etc.; TO Building, 6-3, Taito 2-chome, Taito-ku, Tokyo 110-0016 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F01C 1/344, F01B 13/06, F04C 18/344, F04B 27/06

(11) WO 03/027443 (13) A1

(21) PCT/JP02/09723

(22) 20 Sep/sep 2002 (20.09.2002)

(25) ja (26) ja

(30) 2001/289393 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ROTARY FLUID MACHINERY  
• MACHINE HYDRAULIQUE ROTATIVE

(71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [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) KIMURA, Yasunari [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). ENDOH, Tsuneo [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). NIIKURA, Hiroyuki [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). TAKAHASHI, Tsutomu [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

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(81) AU BR CA CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).



(51)<sup>7</sup> F01D 1/36

(11) WO 03/027444 (13) A1

(21) PCT/US02/30502

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/325,234 27 Sep/sep 2001 US  
(27.09.2001)(30) 10/254,206 25 Sep/sep 2002 US  
(25.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DUPLEX SHEAR FORCE ROTOR

- ROTOR A FORCE DE CISAILLEMENT DUPLEX

(71) SHEAR FORCE, LTD. [US/US]; 1021 Main Street, Suite 1150, Houston, TX 77002 (US).

(72) PACELLO, John; 4208 Fox Court, Arlington, TX 76001 (US). TYBOR, Frank, J.; 4909 Orchard Ave. # 204, San Diego, CA 92107 (US).

(74) ROSE, Collin, A. et al. / etc.; Conley, Rose &amp; Tayon, P.C., P.O. Box 3267, Houston, TX 77253-3667 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F01D 5/22, 11/00

(11) WO 03/027445 (13) A1

(21) PCT/IB02/03862

(22) 19 Sep/sep 2002 (19.09.2002)

(25) de (26) de

(30) 1766/01 25 Sep/sep 2001 CH  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • JOINT SYSTEM FOR REDUCING A SEALING SPACE IN A ROTARY GAS TURBINE

- SYSTEME DE JOINT DESTINE A REDUIRE UN ESPACE D'ETANCHEITE DANS UNE TURBOMACHINE ROTATIVE

(71) ALSTOM (SWITZERLAND) LTD [CH/CH]; Brown Boveri Strasse 7, CH-5401 Baden (CH).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KREIS, Erhard [CH/CH]; Schmitten-gasse 12, CH-8112 Otelfingen (CH). OEHL, Markus [DE/DE]; Im Klingnauer 61, 79761 Waldshut-Tiengen (DE). RATHMANN, Ulrich [DE/CH]; Sonnmattstrasse 1, CH-5400 Baden (CH).

(74) ALSTOM (SWITZERLAND) LTD; CHSP Intellectual Property, Brown Boveri Str. 7/699/5, CH-5401 Baden (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F01L 1/047

(11) WO 03/027446 (13) A1

(21) PCT/CH02/00491

(22) 9 Sep/sep 2002 (09.09.2002)

(25) de (26) de

(30) 1780/01 27 Sep/sep 2001 CH  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CAMSHAFT AND METHOD FOR MAKING SAME

- ARBRE A CAMES ET PROCEDE DE FABRICATION

(71) THYSSENKRUPP PRESTA AG [LI/LI]; Essanestrasse, FL-9492 Eschen (LI).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MEUSBURGER, Peter [AT/AT]; Eektannenstrasse 15, A-6811 Göfis (AT). MÜLLER, Oskar [AT/AT]; Kapietscha 93, A-6721 Thüringerberg (AT). WIESNER, Peter [AT/AT]; Eichenweg 29, A-6713 Ludesch (AT).

(74) WEGMANN, Urs; Saschela 3, CH-9479 Oberschan (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F01L 1/18

(11) WO 03/027447 (13) A1

(21) PCT/JP02/08678

(22) 28 Aug/août 2002 (28.08.2002)

(25) ja (26) ja

(30) 2001-279703 14 Sep/sep 2001 JP  
(14.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • WHIRL-STOP DEVICE FOR ROCKER ARM SHAFT IN VALVE MECHANISM OF INTERNAL COMBUSTION ENGINE

- DISPOSITIF A BUTEE TOURBILLON POUR AXE DE CULBUTEUR D'UN MECANISME DE SOUPAPES DE MOTEUR A COMBUSTION INTERNE

(71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Minami Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).

(72) AKUTSU, Toshiharu; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). YOKOYAMA, Mitsuru; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). ISHIZAKA, Takashi; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

(74) OCHIAI, Takeshi et al. / etc.; TO Building, 6-3, Taito 2-chome, Taito-ku, Tokyo 110-0016 (JP).

(81) BR CN ID IN KR PH VN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F01L 1/46, F02M 57/02, 65/00

(11) WO 03/027448 (13) A1

(21) PCT/DE02/02299

(22) 21 Jun/juin 2002 (21.06.2002)

(25) de (26) de

(30) 101 43 825.7 7 Sep/sep 2001 DE  
(07.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE AND INTERNAL COMBUSTION ENGINE WITH CYLINDER-SELECTIVE DETECTION OF THE POSITION OF THE GAS EXCHANGE VALVES OR THE PUMP PISTON OF A PUMP AND NOZZLE UNIT

- PROCEDE POUR FAIRE FONCTIONNER UN MOTEUR A COMBUSTION INTERNE ET MOTEUR A COMBUSTION INTERNE AVEC DETECTION SELECTIVE PAR CYLINDRE DE LA POSITION DES SOUPAPES D'ECHANGE DE GAZ OU DU PISTON DE POMPE D'UNE UNITE POMPE-GICLÉUR

(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) SCHEMPF, Stefan [DE/DE]; Lange Str. 30, 73249 Wernau (DE). LUNT, Martin [DE/DE]; Pappelweg 9, 71706 Markgröningen (DE). ZIMMERMANN, Klaus [DE/AT]; Wallrisstrasse 12a/17, A-1180 Wien (AT).

(81) JP KR RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> F01L 9/02

(11) WO 03/027449 (13) A1

(21) PCT/DE02/02291

(22) 21 Jun/juin 2002 (21.06.2002)

(25) de (26) de

(30) 101 47 299.4 26 Sep/sep 2001 DE  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE FOR CONTROLLING AN OPENING SECTION IN AN INTERNAL COMBUSTION ENGINE COMBUSTION CYLINDER

- DISPOSITIF DE COMMANDE D'UNE SECTION D'OUVERTURE DANS UN CYLINDRE DE COMBUSTION D'UN MOTEUR A COMBUSTION INTERNE
- (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) **DIEHL, Udo** [DE/DE]; Alte Stuttgarter Strasse 115, 70195 Stuttgart (DE). **ROSENAU, Bernd** [DE/DE]; Ulmer Str. 1, 71732 Tamm (DE). **HAMMER, Uwe** [DE/DE]; Münchingerstrasse 10, 71282 Hemmingen (DE). **BEUCHE, Volker** [DE/DE]; Wiesbadener Str. 37, 70372 Stuttgart (DE). **LANG, Peter** [DE/DE]; Bachstrasse 23, 71287 Weissach (DE). **REIMER, Stefan** [DE/DE]; Lembergerweg 2, 71706 Markgröningen (DE).
- (81) JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- 
- (51)<sup>7</sup> F01L 9/02
- (11) **WO 03/027450** (13) A1
- (21) PCT/DE02/02318
- (22) **25 Jun/juin 2002 (25.06.2002)**
- (25) de (26) de
- (30) 101 43 959.8 **7 Sep/sep 2001 DE (07.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HYDRAULICALLY CONTROLLED ACTUATOR FOR ACTUATING A VALVE
- ACTIONNEUR A COMMANDE HYDRAULIQUE POUR L'ACTIONNEMENT D'UNE SOUPAPE
- (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) **DIEHL, Udo** [DE/DE]; Alte Stuttgarter Str. 115, 70195 Stuttgart (DE). **MISCHKER, Karsten** [DE/DE]; Erwin-Schöttle-Strasse 22, 71229 Leonberg (DE). **ROSENAU, Bernd** [DE/DE]; Ulmer Str. 1, 71732 Tamm (DE). **HAMMER, Uwe** [DE/DE]; Muenchingerstrasse 10, 71282 Hemmingen (DE). **REIMER, Stefan** [DE/DE]; Lembergerweg 2, 71706 Markgröningen (DE). **BEUCHE, Volker** [DE/DE]; Wiesbadener Str. 37, 70372 Stuttgart (DE). **LANG, Peter** [DE/DE]; Bachstrasse 23, 71287 Weissach (DE).
- (81) JP KR RU US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)<sup>7</sup> F01L 9/02, F02B 37/10, 37/04, 67/10
- (11) **WO 03/027451** (13) A1
- (21) PCT/DE02/02616
- (22) **17 Jul/juil 2002 (17.07.2002)**
- (25) de (26) de
- (30) 101 43 330.1 **5 Sep/sep 2001 DE (05.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • INTERNAL COMBUSTION ENGINE COMPRISING AN ELECTROHYDRAULIC VALVE CONTROL DEVICE
- MOTEUR A COMBUSTION INTERNE POURVU D'UN DISPOSITIF DE COMMANDE DE SOUPAPE ELECTROHYDRAULIQUE
- (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) **DIEHL, Udo** [DE/DE]; Alte Stuttgarter Strasse 115, 70195 Stuttgart (DE). **ROSENAU, Bernd** [DE/DE]; Ulmer Strasse 1, 71732 Tamm (DE). **KIESER, Simon** [DE/DE]; Metterstrasse 47, 74343 Sachsenheim (DE).
- (81) JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> F01N 3/029, 3/08, 3/20, B01D 53/32, 53/94, F01N 3/035
- (11) **WO 03/027452** (13) A1
- (21) PCT/DE02/02572
- (22) **10 Jul/juil 2002 (10.07.2002)**
- (25) de (26) de
- (30) 101 42 800.6 **31 Aug/août 2001 DE (31.08.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DEVICE AND METHOD FOR EXHAUST GAS AFTER-TREATMENT
- DISPOSITIF ET PROCEDE DE POST-TRAITEMENT DE GAZ D'ECHAPPEMENT
- (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) **PFENDTNER, Reinhard** [DE/DE]; Buchstrasse 28, 74321 Bietigheim-Bissingen (DE). **HARTHERZ, Patrik** [DE/DE]; Brandenburger Strasse 9, 71640 Ludwigsburg (DE). **ORLANDINI, Igor** [HR/DE]; Goepfinger Strasse 19, 70329 Stuttgart (DE).
- (81) JP KR PL US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> F01N 3/06
- (11) **WO 03/027453** (13) A1
- (21) PCT/FI02/00735
- (22) **13 Sep/sep 2002 (13.09.2002)**
- (25) fi (26) en
- (30) 20011868 **24 Sep/sep 2001 FI (24.09.2001)**
- (30) 20020165 **30 Jan/jan 2002 FI (30.01.2002)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DEVICE FOR EXTINGUISHING SPARKS
- DISPOSITIF PERMETTANT D'ETEINDRE DES ETINCELLES
- (71, 72) **HUMINA, Esa** [FI/FI]; Mariankatu 38A, FIN-67200 Kokkola (FI).
- (74) **LAITINEN, Pauli, S.**; Patentti-Laitinen Oy, P.O. Box 29, FIN-02771 Espoo (FI).
- (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F01N 3/20, F04B 53/14
- (11) **WO 03/027454** (13) A1
- (21) PCT/DE02/03596
- (22) **24 Sep/sep 2002 (24.09.2002)**
- (25) de (26) de
- (30) 101 47 172.6 **25 Sep/sep 2001 DE (25.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • REDUCING AGENT PUMP FOR AN EXHAUST GAS POST-TREATMENT UNIT ON AN INTERNAL COMBUSTION ENGINE
- POMPE A AGENTS DE REDUCTION POUR SYSTEME DE TRAITEMENT DE GAZ D'ECHAPPEMENT D'UN 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) **LENKE, Sonja** [DE/DE]; Plato-Wild-Str. 2, 93059 Regensburg (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
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*(u) for / pour US only / seulement*
- 
- (51)<sup>7</sup> F01N 3/28
- (11) **WO 03/027455** (13) A1
- (21) PCT/FR02/03203
- (22) **19 Sep/sep 2002 (19.09.2002)**
- (25) fr (26) fr
- (30) 01/12226 **21 Sep/sep 2001 FR (21.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CATALYST FOR PURIFYING EXHAUST GASES AND METHOD FOR MAKING SAME
- CATALYSEUR POUR PURIFICATION DE GAZ D'ECHAPPEMENT ET SON PROCEDE DE FABRICATION
- (71) **FAURECIA SYSTEMES D'ECHAPPEMENT** [FR/FR]; 276, rue Louis Bleriot, F-92100 Boulogne Billancourt (FR).  
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(72, 75) LERDUNG, Gérard [FR/FR]; 17, rue de Montbéliard, F-25700 Mathay (FR). FIGUERAS, Bertrand [FR/FR]; 28, rue de Stalingrad, F-92000 Nanterre (FR).

(74) RHEIN, Alain; Cabinet Bleger-Rhein, 8, avenue Pierre Mendès France, F-67300 Schiltigheim (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F01P 7/16, 11/16

(11) WO 03/027456 (13) A1

(21) PCT/DE02/02254

(22) 20 Jun/juin 2002 (20.06.2002)

(25) de (26) de

(30) 101 44 275.0 8 Sep/sep 2001 DE (08.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR THE TEMPERATURE REGULATION OF AN ENGINE

• PROCEDE DE REGULATION DE LA TEMPERATURE D'UN MOTEUR

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

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(72, 75) HERYNEK, Roland [DE/DE]; Schwalbenweg 7, 75443 Oetisheim (DE). VOLLMER, Martin [DE/DE]; Kaiserslauterer Strasse 64, 70499 Stuttgart-Weilimdorf (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> F02B 33/34, 39/00, 75/22, 29/04

(11) WO 03/027457 (13) A1

(21) PCT/JP02/09820

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001-292948 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • V-ENGINE SUPERCHARGING DEVICE

• DISPOSITIF DE SURALIMENTATION POUR MOTEUR EN V

(71) OGURA CLUTCH CO., LTD. [JP/JP]; 678, Aioicho 2-chome, Kiryu-shi, Gunma 376-0011 (JP).

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

(72, 75) SUWAZONO, Kazutoshi [JP/JP]; c/o OGURA CLUTCH CO., LTD., 678, Aioicho 2-chome, Kiryu-shi, Gunma 376-0011 (JP).

(74) YAMAKAWA, Masaki; c/o Yamakawa International Patent Office, 8th Floor, Shuwa-Tameike Building, 4-2, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-0014 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F02B 75/18, 33/10

(11) WO 03/027458 (13) A1

(21) PCT/US02/28653

(22) 10 Sep/sep 2002 (10.09.2002)

(25) en (26) en

(30) 09/964,003 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • INTERNAL COMBUSTION ENGINE WITH COMPOUND PISTON ASSEMBLY

• MOTEUR A COMBUSTION INTERNE A SYSTEME DE PISTONS COMPOSITES

(71, 72) DREW, Julius [US/US]; Apt. 301, 3310 Cotton Mill Drive, Raleigh, NC 27612 (US).

(74) SCHUMAN, Jack; 3762 Carmel Drive, Carmel, IN 46033-4329 (US).

(81) AU CA CN JP KR NZ.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F02C 3/20, 3/34, F01K 23/06

(11) WO 03/027459 (13) A1

(21) PCT/IB02/03955

(22) 24 Sep/sep 2002 (24.09.2002)

(25) de (26) de

(30) 101 47 476.8 25 Sep/sep 2001 DE (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR USING A POWER STATION

• PROCEDE D'UTILISATION D'UNE CENTRALE ELECTRIQUE

(71) ALSTOM (SWITZERLAND) LTD [CH/CH]; Brown Boveri Strasse 7, CH-5401 Baden (CH).

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

(72, 75) FRUTSCHI, Hans, Ulrich [CH/CH]; Bruggerstrasse 9, CH-5223 Riniken (CH). GRIFFIN, Timothy [US/CH]; Bachtalstrasse 15, CH-5408 Ennetbaden (CH). WETTSTEIN, Hans [CH/CH]; Clarastrasse 12, CH-5442 Fislisbach (CH). WINKLER, Dieter [DE/DE]; Am Eichwald 9, 79787 Lauchringen (DE).

(74) ALSTOM (SWITZERLAND) LTD; Brown Boveri Str. 7/699/5, CH-5401 Baden (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F02C 3/34, 3/22, 3/30

(11) WO 03/027460 (13) A1

(21) PCT/IB02/04013

(22) 24 Sep/sep 2002 (24.09.2002)

(25) de (26) de

(30) 101 47 000.2 25 Sep/sep 2001 DE (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR OPERATING A POWER STATION USING CO<sub>2</sub>

• PROCEDE D'EXPLOITATION D'UNE CENTRALE ELECTRIQUE AU MOYEN D'UN PROCESSUS AU CO<sub>2</sub>

(71) ALSTOM (SWITZERLAND) LTD [CH/CH]; Brown Boveri Strasse 7, CH-5401 Baden (CH).

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

(72, 75) FRUTSCHI, Hans, Ulrich [CH/CH]; Bruggerstrasse 9, CH-5223 Riniken (CH). GRIFFIN, Timothy [US/CH]; Bachtalstrasse 15, CH-5408 Ennetbaden (CH). SPAN, Roland [DE/DE]; Sennemühlenweg 29, 33106 Paderborn-Sande (DE). WINKLER, Dieter [DE/DE]; Am Eichwald 9, 79787 Lauchringen (DE).

(74) ALSTOM (SWITZERLAND) LTD; CHSP Intellectual Property, Brown Boveri Str. 7/699/5, CH-5401 Baden (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F02C 6/18, 1/10, F01D 17/12

(11) WO 03/027461 (13) A1

(21) PCT/IB02/03912

(22) 23 Sep/sep 2002 (23.09.2002)

(25) de (26) de

(30) 1765/01 24 Sep/sep 2001 CH (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • GAS TURBINE SYSTEM FOR WORKING FLUID IN THE FORM OF A CARBON DIOXIDE/WATER MIXTURE
- SYSTEME DE TURBINE A GAZ DESTINE A UN FLUIDE DE TRAVAIL SE PRESENTANT SOUS LA FORME D'UN MELANGE DIOXYDE DE CARBONE/EAU
- (71) **ALSTOM (SWITZERLAND) LTD** [CH/CH]; Brown Boveri Strasse 7, CH-5401 Baden (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FRUTSCHI, Hans, Ulrich** [CH/CH]; Bruggerstrasse 9, CH-5223 Riniken (CH). **GRIFFIN, Timothy** [US/CH]; Bachtalstrasse 15, CH-5408 Ennetbaden (CH). **SPAN, Roland** [DE/DE]; Sennmühlenweg 29, 33106 Paderborn-Sande (DE). **WINKLER, Dieter** [DE/DE]; Am Eichwald 9, 79787 Lauchringen (DE).
- (74) **ALSTOM (SWITZERLAND) LTD**; CHSP Intellectual Property, Brown Boveri Str. 7/699/5, CH-5401 Baden (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F02D
- (11) **WO 03/027462** (13) A2
- (21) PCT/DE02/02959
- (22) **13 Aug/août 2002 (13.08.2002)**
- (25) de (26) de
- (30) 101 47 390.7 **26 Sep/sep 2001 DE (26.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • WIDE BAND LAMBDA PROBE HAVING IMPROVED STARTING BEHAVIOUR
- SONDE LAMBDA LARGE BANDE PRESENTANT UN COMPORTEMENT AMELIORE AU DEMARRAGE
- (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) **STRASSNER, Walter** [DE/DE]; Schornbacher Weg 37/16, 73614 Schorn-dorf (DE). **DIEHL, Lothar** [DE/DE]; Grubenaecker 141, 70499 Stuttgart (DE). **ANDORFER, Andreas** [DE/CN]; Rong Qiao Road, Shanghai 20126 (CN).
- (81) CN JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> F02D 19/06
- (11) **WO 03/027463** (13) A1
- (21) PCT/FR02/03085
- (22) **11 Sep/sep 2002 (11.09.2002)**
- (25) fr (26) fr
- (30) 0112349 **25 Sep/sep 2001 FR (25.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR SUPPLYING FUEL FOR A DUAL-FUEL CARBURATION INJECTION INTERNAL COMBUSTION ENGINE AND DEVICE THEREFOR
- PROCEDE D'ALIMENTATION EN CARBURANT POUR UN MOTEUR A COMBUSTION INTERNE A INJECTION A CARBURATION MIXITE ET DISPOSITIF UTILISANT UN TEL PROCEDE
- (71) **INSTITUT FRANCAIS DU PETROLE** [FR/FR]; 1 et 4, avenue du Bois Préau, F-92852 Rueil-Malmaison Cedex (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **VENTURI, Stéphane** [FR/FR]; 9, rue de la Forêt, F-77000 La Rochette (FR).
- (74) **ELMALEH, Alfred**; Institut Francais du Petrole, 1 et 4, avenue Bois Préau, F-92852 Rueil-Malmaison Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> F02D 23/00, F02B 37/18, 37/013
- (11) **WO 03/027464** (13) A1
- (21) PCT/DE02/02683
- (22) **20 Jul/juil 2002 (20.07.2002)**
- (25) de (26) de
- (30) 101 45 038.9 **13 Sep/sep 2001 DE (13.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND DEVICE FOR OPERATING AT LEAST ONE TURBOCHARGER ON AN INTERNAL COMBUSTION ENGINE
- PROCEDE ET DISPOSITIF POUR ACTIONNER AU MOINS UN TURBOCOMPRESSEUR DE MOTEUR A COMBUSTION INTERNE
- (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) **WILD, Ernst** [DE/DE]; Wernerstrasse 20/6, 71739 Oberriexingen (DE). **WEGENER, Sabine** [DE/DE]; Bruchlstrasse 16, 71679 Asperg (DE). **HILD, Rainer** [DE/DE]; Raitestrasse 40, 71696 Moeglingen (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> F02D 41/00
- (11) **WO 03/027465** (13) A2
- (21) PCT/DE02/03314
- (22) **6 Sep/sep 2002 (06.09.2002)**
- (25) de (26) de
- (30) 101 47 408.3 **26 Sep/sep 2001 DE (26.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • REGENERABLE EXHAUST GAS SENSOR AND METHOD FOR REGENERATING AN EXHAUST GAS SENSOR OF THIS TYPE COVERED WITH DEPOSITS
- CAPTEUR DE GAZ D'ECHAPPEMENT REGENERABLE ET PROCEDE POUR REGENERER UN TEL CAPTEUR VIS-A-VIS DE SUBSTANCES D'OCCUPATION
- (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) **STAHL, Roland** [DE/DE]; Finkenweg 11, 71691 Freiberg (DE). **SCHUMANN, Bernd** [DE/DE]; Hegelstrasse 34, 71277 Rutesheim (DE).
- (81) JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> F02D 41/02, 41/14
- (11) **WO 03/027466** (13) A1
- (21) PCT/DE02/02782
- (22) **26 Jul/juil 2002 (26.07.2002)**
- (25) de (26) de
- (30) 101 41 842.6 **27 Aug/août 2001 DE (27.08.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD, COMPUTER PROGRAMME AND CONTROL AND/OR MONITORING APPARATUS FOR USING AN INTERNAL COMBUSTION ENGINE AND INTERNAL COMBUSTION ENGINE
- PROCEDE, PROGRAMME INFORMATIQUE ET APPAREIL DE COMMANDE ET/OU REGULATION DESTINES A L'UTILISATION D'UN MOTEUR A COMBUSTION INTERNE, ET MOTEUR A COMBUSTION INTERNE
- (71) **ROBERT BOSCH GMBH** [US/US]; Postfach 30 02 20, 70442 Stuttgart (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **RODEFELD, Frank** [DE/DE]; Roscnweg 27, 85101 Lenting (DE). **SORG, Wilhelm** [DE/DE]; Im Eichrain 11, 71706 Markgroeningen (DE). **GANDERT, Volker** [DE/DE]; Im Grund 11, 71706 Unterriexingen (DE).
- (81) JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)<sup>7</sup> F02D 41/12  
(11) WO 03/027467 (13) A1  
(21) PCT/DE02/02684  
(22) 20 Jul/juil 2002 (20.07.2002)  
(25) de (26) de  
(30) 101 45 109.1 13 Sep/sep 2001 DE  
(13.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD AND DEVICE FOR CONTROLLING FUEL SUPPLY TO AN INTERNAL COMBUSTION ENGINE OF A MOTOR VEHICLE WITH A CATALYST IN OVERRUN MODE  
• PROCEDE ET DISPOSITIF DE COMMANDE DE L'ALIMENTATION EN CARBURANT D'UN MOTEUR A COMBUSTION INTERNE D'UN VEHICULE AUTOMOBILE A CATALYSEUR EN REGIME DE DECELERATION  
(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) BAUER, Bernhard [DE/DE]; Adlerstr. 23, 71292 Friolzheim (DE). JUNG, Olaf [DE/DE]; Michaelsberger Weg 2, 74389 Clebronn (DE). DUWE, Marc [DE/DE]; Euskirchnerstr. 13, 50937 Koeln (DE).  
(81) CN JP KR US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)<sup>7</sup> F02D 41/20, F02M 51/06, H01L 41/04  
(11) WO 03/027468 (13) A1  
(21) PCT/DE02/02574  
(22) 13 Jul/juil 2002 (13.07.2002)  
(25) de (26) de  
(30) 101 46 747.8 22 Sep/sep 2001 DE  
(22.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • FUEL INJECTION DEVICE FOR INTERNAL COMBUSTION ENGINE  
• DISPOSITIF D'INJECTION DE CARBURANT DESTINE A UN MOTEUR A COMBUSTION INTERNE  
(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) BOSS, Juergen [DE/DE]; Im Kirchle 41, 70806 Kornwestheim (DE). RUEGER, Johannes-Joerg [DE/AT]; Postfach 146, A-1011 Wien (AT). ZIMMERMANN, Klaus [DE/AT]; Wallrisstrasse 12a/17, A-1180 Wien (AT).  
(81) HU JP PL US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)<sup>7</sup> F02D 41/22, 41/38  
(11) WO 03/027469 (13) A1  
(21) PCT/DE02/02783  
(22) 26 Jul/juil 2002 (26.07.2002)  
(25) de (26) de  
(30) 101 44 800.7 12 Sep/sep 2001 DE  
(12.09.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD, COMPUTER PROGRAMME, CONTROL AND/OR REGULATION DEVICE FOR OPERATION OF AN INTERNAL COMBUSTION ENGINE AND FUEL SYSTEM FOR AN INTERNAL COMBUSTION ENGINE  
• PROCEDE, PROGRAMME INFORMATIQUE, APPAREIL DE COMMANDE ET/OU DE REGULATION POUR ACTIONNER UN MOTEUR A COMBUSTION INTERNE ET SYSTEME DE CARBURANT POUR MOTEUR A COMBUSTION INTERNE  
(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) JOOS, Klaus [DE/DE]; In der Eichhaelde 3, 74399 Walheim (DE). WOLBER, Jens [DE/DE]; Pappelweg 6, 70839 Gerlingen (DE). FRENZ, Thomas [DE/DE]; Beuthener Strasse 5, 86720 Noerdlingen (DE). AMLER, Markus [DE/DE]; Am Schlauchengraben, 71229 Leonberg-Gebersheim (DE).  
(81) IN JP KR RU US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)<sup>7</sup> F02D 41/22, 31/00  
(11) WO 03/027470 (13) A1  
(21) PCT/DE02/03270  
(22) 4 Sep/sep 2002 (04.09.2002)  
(25) de (26) de  
(30) 101 47 163.7 25 Sep/sep 2001 DE  
(25.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE  
• PROCEDE DE COMMANDE D'UN MOTEUR A COMBUSTION INTERNE  
(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
(72) JEHLE, Martin; Friedrich-Ebert-Strasse 7b, 93051 Regensburg (DE).  
(81) KR.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declaration / Déclaration :  
*(s) for the following designations / pour les désignations suivantes : KR EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)*

- (51)<sup>7</sup> F02D 41/24, 21/08  
(11) WO 03/027471 (13) A1  
(21) PCT/DE02/02732  
(22) 25 Jul/juil 2002 (25.07.2002)  
(25) de (26) de  
(30) 101 46 317.0 20 Sep/sep 2001 DE  
(20.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD AND DEVICE FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE

- PROCEDE ET DISPOSITIF POUR REGULER UN MOTEUR A COMBUSTION INTERNE  
(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) GERWING, Wolfram [DE/DE]; Gemmrigheimerstr. 28, 74394 Hessigheim (DE). FORTHMANN, Stefan [DE/DE]; Crailsheimer Weg 83, 71640 Ludwigsburg (DE).  
(81) JP KR US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)<sup>7</sup> F02D 41/38, 41/22, F02M 65/00  
(11) WO 03/027472 (13) A1  
(21) PCT/DE02/02784  
(22) 26 Jul/juil 2002 (26.07.2002)  
(25) de (26) de  
(30) 101 47 189.0 25 Sep/sep 2001 DE  
(25.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD FOR OPERATING A FUEL SUPPLY SYSTEM FOR AN INTERNAL COMBUSTION ENGINE IN A MOTOR VEHICLE  
• PROCEDE D'EXPLOITATION D'UN SYSTEME D'ALIMENTATION EN CARBURANT DE MOTEUR A COMBUSTION INTERNE D'AUTOMOBILE  
(71) ROBERT BOSCH GMBH [US/US]; Postfach 30 02 20, 70442 Stuttgart (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) JOOS, Klaus [DE/DE]; In Der Eichhaelde 3, 74399 Walheim (DE). WOLBER, Jens [DE/DE]; Pappelweg 6, 70839 Gerlingen (DE). FRENZ, Thomas [DE/DE]; Beuthener Strasse 5, 86720 Noerdlingen (DE). WEISS, Ruediger [DE/DE]; Achalmstr. 23, 71159 Moetzingen (DE). AMLER, Markus [DE/DE]; Am Schlauchengraben, 71229 Leonberg-Gebersheim (DE). HINN, Karsten [DE/DE]; Grabenstr. 58, 35396 Giessen (DE).  
(81) JP KR US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)<sup>7</sup> F02D 41/40  
(11) WO 03/027473 (13) A1  
(21) PCT/DE02/02786  
(22) 26 Jul/juil 2002 (26.07.2002)  
(25) de (26) de  
(30) 101 45 580.1 15 Sep/sep 2001 DE  
(15.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD FOR AVOIDING AN INTERNAL COKING OF AN INJECTION HOLE FOR INJECTION HOLES IN A MULTI-HOLE INJECTION VALVE  
• PROCEDE POUR EVITER UNE CARBONISATION INTERIEURE DE TROUS D'INJECTION D'UNE SOUPAPE D'INJECTION A TROUS MULTIPLES

- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 20 02 20, 70442 Stuttgart (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRITSCH, Heinz** [DE/DE]; Ahornweg 7, 74321 Bietigheim-Bissingen (DE).  
**WUERFEL, Gernot** [DE/DE]; Wilhelmstr. 43, 71665 Vaihingen/Enz (DE).
- (81) JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> F02K 1/72
- (11) **WO 03/027474** (13) A1
- (21) PCT/FR02/03278
- (22) **26 Sep/sep 2002 (26.09.2002)**
- (25) fr (26) fr
- (30) 01/12405 **27 Sep/sep 2001 FR (27.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **LOCKING SYSTEM ON A GRID THRUST REVERSER**
- **SYSTEME DE VERROUILLAGE SUR UN INVERSEUR DE POUSSEE A GRILLES**
- (71) **HUREL-HISPANO LE HAVRE** [FR/FR]; Route du Pont VIII, F-76700 Gonfreville l'Orcher (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DEHU, Michel, Philippe** [FR/FR]; 32, Rue Chef de Caux, F-76310 Sainte Adresse (FR). **LORE, Xavier, Raymond, Yves** [FR/FR]; 328, route du Village, F-76210 Beuzeville La Grenier (FR).
- (74) **BERROU, Paul**; Snecma Moteurs, Département des Brevets, Boîte Postale 81, F-91003 Evry Cedex (FR).
- (81) CA JP US.
- 
- (51)<sup>7</sup> F02K 3/02
- (11) **WO 03/027475** (13) A1
- (21) PCT/US02/29109
- (22) **13 Sep/sep 2002 (13.09.2002)**
- (25) en (26) en
- (30) 09/965,194 **27 Sep/sep 2001 US (27.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **CONVERGING NOZZLE THRUST REVERSER**
- **INVERSEUR DE POUSSEE A TUYERE CONVERGENTE**
- (71) **THE NORDAM GROUP, INC.** [US/US]; 510 South Lansing, Tulsa, OK 74120 (US).
- (72) **JANNETTA, Thomas, J.**; 6621 East 116th Street South, Bixby, OK 74008 (US). **PETERS, Frederick, H.**; 7925 East 78th Street, Tulsa, OK 74113 (US).
- (74) **CONTE, Francis, L.**; 6 Puritan Avenue, Swampscott, MA 01907 (US).
- (81) AM AT AZ BR BY CA CH CN DE DK ES FI GB IL JP KG KR KZ LT LU MD PT RO RU SE TJ TM UA ZA.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> F02M
- (11) **WO 03/027476** (13) A2
- (21) PCT/US02/31054
- (22) **30 Sep/sep 2002 (30.09.2002)**
- (25) en (26) en
- (30) 09/964,779 **28 Sep/sep 2001 US (28.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **FUEL INJECTOR NOZZLE ADAPTER**
- **ADAPTATEUR A BUSE POUR INJECTEUR DE CARBURANT**
- (71) **HOLLEY PERFORMANCE PRODUCTS INC.** [US/US]; 1801 Russellville Road, Bowling Green, KY 42101 (US).
- (72) **BAASCH, Oswald**; 53 Deer Valley Court, Bowling Green, KY 42103 (US). **RUCKER, Laura, Beth**; 68 Wyndham Way, Bowling Green, KY 42104 (US). **FLYNN, Douglas, Joseph**; 25 Drakes Creek Street, Bowling Green, KY 42103 (US). **WILSON, Shane**; 2114 Sunfish Road, Bee Spring, KY 42207 (US).
- (74) **SCOTT, Thomas, J., Jr. et al. / etc.**; Intellectual Property Dept., Hunton & Williams, 1900 K Street, N.W., Suite 1200, Washington, DC 20006-1109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F02M 21/06
- (11) **WO 03/027477** (13) A1
- (21) PCT/AU02/01323
- (22) **27 Sep/sep 2002 (27.09.2002)**
- (25) en (26) en
- (30) PR 7944 **27 Sep/sep 2001 AU (27.09.2001)**
- (30) PR 8939 **20 Nov/nov 2001 AU (20.11.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **AN APPARATUS AND METHOD FOR CONTROLLING THE TEMPERATURE OF LIQUID PETROLEUM GAS (LPG) FUEL**
- **APPAREIL ET PROCEDURE DE REGULATION DE LA TEMPERATURE D'UN CARBURANT A GAZ DE PETROLE LIQUIDE (GPL)**
- (71, 72) **BARRINGTON, Sexton** [AU/AU]; 42 Edinburgh Crescent, Reynella, S.A. 5161 (AU). **PAULUS, Boon** [AU/AU]; 24 Felix Crescent, Morphett Vale, S.A. 5162 (AU).
- (74) **LESICAR PERRIN**; 49 Wright Street, Adelaide, S.A. 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F02M 31/02, 31/14
- (11) **WO 03/027478** (13) A1
- (21) PCT/SE02/01676
- (22) **17 Sep/sep 2002 (17.09.2002)**
- (25) en (26) en
- (30) 0103236-6 **27 Sep/sep 2001 SE (27.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **PREHEATING OF INLET AIR**
- **PRECHAUFFAGE D'AIR ADMIS**
- (71) **AKTIEBOLAGET ELECTROLUX** [SE/SE]; S-105 45 Stockholm (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WÜRSIG, Lars** [SE/SE]; Stavsjö, S-570 21 Malmö (SE).
- (74) **LILJEGREN, Fredrik**; AB Electrolux (publ.), Group Intellectual Property, S-105 45 Stockholm (SE).
- (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F02M 35/10, G10K 11/168
- (11) **WO 03/027479** (13) A1
- (21) PCT/US02/29752
- (22) **19 Sep/sep 2002 (19.09.2002)**
- (25) en (26) en
- (30) 09/960,157 **21 Sep/sep 2001 US (21.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **ENGINE INTAKE MANIFOLD MADE OF NOISE BARRIER COMPOSITE MATERIAL**
- **TUBULURE D'ADMISSION DE MOTEUR FABRIQUEE DANS UNE MATIERE COMPOSITE ANTIBRUIT**
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) **HOMSI, Emile, N.**; 342 Greenbriar Dr. Unit 7, Union, NJ 07083 (US). **KAGAN, Val, A.**; 122 Edgefield Drive, Morris Plains, NJ 07950 (US). **HAN, Peter, K.**; 55 Upper Mountain Ave., Montville, NJ 07045 (US). **LEE, Chul, S.**; 17745 Rolling Wood Circle, Northville,

- MI 48167 (US). **KROLICK, Thomas, J.**; 7 Keenan Street, Parlin, NJ 08859 (US).
- (74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F02M 35/12, F01N 1/08, B29C 69/00
- (11) WO 03/027480 (13) A1
- (21) PCT/CA02/01460
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en
- (30) 60/325,372 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • INDUCTION SYSTEM WITH LOW PASS FILTER FOR TURBO CHARGER APPLICATIONS
- SYSTEME D'INDUCTION A FILTRE PASSE-BAS A UTILISER AVEC TURBOCOMPRESSEUR
- (71) **SIEMENS VDO AUTOMOTIVE INC.** [CA/CA]; 700 Park Avenue East, Chatham, Ontario N7M 5M7 (CA).
- (72) **COLE, Roderick**; 85 Argyle Crescent, Chatham, Ontario N7L 4T7 (CA). **PET-TIPIECE, Jason**; 130 McFadden Avenue, Chatham, Ontario N7M 1Y7 (CA). **LE-TOURNEAU, Mark**; RR 1, Dover Centre, Ontario N0P 1L0 (CA).
- (74) **ORANGE, John** et al. / etc.; 66 Wellington St. W., Toronto, Ontario M5K 1H6 (CA).
- (81) DE.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> F02M 47/02, 57/02, 59/36, 63/00
- (11) WO 03/027481 (13) A1
- (21) PCT/DE02/02576
- (22) 13 Jul/juil 2002 (13.07.2002)
- (25) de (26) de
- (30) 101 46 739.7 22 Sep/sep 2001 DE (22.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FUEL INJECTION DEVICE FOR AN INTERNAL COMBUSTION ENGINE
- DISPOSITIF D'INJECTION DE CARBURANT POUR UN MOTEUR A COMBUSTION INTERNE
- (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) **PARCHE, Marcus** [DE/DE]; Ziegeleistr. 9/2, 70825 Korntal-Muenchingen (DE).
- (81) HU JP PL US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> F02M 51/06
- (11) WO 03/027482 (13) A1
- (21) PCT/DE02/02298
- (22) 21 Jun/juin 2002 (21.06.2002)
- (25) de (26) de
- (30) 101 43 500.2 5 Sep/sep 2001 DE (05.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FUEL INJECTION VALVE
- SOUPAPE D'INJECTION DE CARBURANT
- (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) **SEBASTIAN, Thomas** [DE/US]; 8001 Dorchester Road, Charleston, SC 29418 (US). **GRANER, Jürgen** [DE/DE]; Grossachsenheimerstr. 19, 74372 Sersheim (DE). **RÜHLE, Wolfgang** [DE/DE]; Steinstr. 22, 71254 Ditzingen (DE). **STILLING, Joachim** [DE/DE]; Kernerstr. 32, 74397 Pfaffenhofen/Weil (DE). **BOEE, Matthias** [DE/DE]; Hörnleshalde 3, 71640 Ludwigsburg (DE). **KEIM, Norbert** [DE/DE]; Traminer Weg 10, 74369 Löchgau (DE).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- 
- (51)<sup>7</sup> F02M 53/04, 61/18, 69/04
- (11) WO 03/027483 (13) A1
- (21) PCT/DE02/02161
- (22) 13 Jun/juin 2002 (13.06.2002)
- (25) de (26) de
- (30) 101 42 300.4 29 Aug/août 2001 DE (29.08.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FUEL INJECTION VALVE
- SOUPAPE D'INJECTION DE CARBURANT
- (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) **RAIMANN, Jürgen** [DE/DE]; Untere Klostersgasse 9, 71263 Weil der Stadt (DE).
- (81) JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)<sup>7</sup> F02M 55/02
- (11) WO 03/027484 (13) A1
- (21) PCT/DE02/02613
- (22) 17 Jul/juil 2002 (17.07.2002)
- (25) de (26) de
- (30) 101 46 741.9 22 Sep/sep 2001 DE (22.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HIGH-PRESSURE FUEL ACCUMULATOR
- ACCUMULATEUR DE CARBURANT HAUTE PRESSION
- (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) **SASSNICK, Hagen** [DE/AT]; Unterthumstrasse 134, A-5412 Puch (AT). **HACKL, Manfred** [AT/AT]; Hamerlingstrasse 3, A-4020 Linz (AT). **DEGN, Markus** [AT/AT]; Simetstrasse 19, A-4813 Altmünster (AT).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> F02M 55/02, 63/02
- (11) WO 03/027485 (13) A1
- (21) PCT/DE02/03000
- (22) 16 Aug/août 2002 (16.08.2002)
- (25) de (26) de
- (30) 101 43 423.5 5 Sep/sep 2001 DE (05.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FUEL INJECTION SYSTEM WITH INJECTOR HYDRAULICALLY DECOUPLED FROM THE SUPPLY
- SYSTEME D'INJECTION DE CARBURANT DOTE D'UN INJECTEUR HYDRAULIQUEMENT DECONNECTE DE LA CONDUITE D'ALIMENTATION
- (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) **MARHEINEKE, Marcus** [DE/DE]; Nebelhornstrasse 30, 70327 Stuttgart (DE).
- (81) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> F02M 61/00, 57/00, 61/14, 53/00
- (11) WO 03/027486 (13) A1
- (21) PCT/DE02/02175
- (22) 14 Jun/juin 2002 (14.06.2002)
- (25) de (26) de
- (30) 101 42 299.7 29 Aug/août 2001 DE (29.08.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FUEL INJECTION SYSTEM
- SYSTEME D'INJECTION DE CARBURANT
- (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) **RAIMANN, Jürgen** [DE/DE]; Untere Klostersgasse 9, 71263 Weil der Stadt (DE).
- (81) JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> F02M 61/12, 51/06

(11) WO 03/027487 (13) A1

(21) PCT/DE02/02176

(22) 14 Jun/juin 2002 (14.06.2002)

(25) de (26) de

(30) 101 42 302.0 29 Aug/août 2001 DE  
(29.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FUEL INJECTION VALVE

- SOUPAPE D'INJECTION DE CARBURANT

(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) DELAS, Zlatko [DE/DE]; Friedhofsweg 6, 71665 Vaihingen (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F02M 61/18

(11) WO 03/027488 (13) A1

(21) PCT/DE02/02174

(22) 14 Jun/juin 2002 (14.06.2002)

(25) de (26) de

(30) 101 42 301.2 29 Aug/août 2001 DE  
(29.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FUEL INJECTION VALVE

- SOUPAPE D'INJECTION DE CARBURANT

(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) RAIMANN, Jürgen [DE/DE]; Untere Klostersgasse 9, 71263 Weil Der Stadt (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F02M 61/18, 61/16, 51/06

(11) WO 03/027489 (13) A1

(21) PCT/DE02/02695

(22) 23 Jul/juil 2002 (23.07.2002)

(25) de (26) de

(30) 101 42 974.6 1 Sep/sep 2001 DE  
(01.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FUEL INJECTION VALVE

- SOUPAPE D'INJECTION DE CARBURANT

(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) REITER, Ferdinand [DE/DE]; Burgweg 1, 71706 Markgröningen (DE).

(81) CN JP KR RU US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F02M 61/20, 45/08, 45/12, 57/02, 63/00, 59/36

(11) WO 03/027490 (13) A1

(21) PCT/DE02/02575

(22) 13 Jul/juil 2002 (13.07.2002)

(25) de (26) de

(30) 101 46 745.1 22 Sep/sep 2001 DE  
(22.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FUEL INJECTION DEVICE FOR AN INTERNAL COMBUSTION ENGINE

- SYSTEME D'INJECTION DE CARBURANT POUR MOTEUR A COMBUSTION INTERNE

(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) PARCHE, Marcus [DE/DE]; Ziegelstr. 9/2, 70825 Korntal-Muenchingen (DE).

(81) HU JP PL US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F02M 63/06, 47/02

(11) WO 03/027491 (13) A1

(21) PCT/DE02/02520

(22) 10 Jul/juil 2002 (10.07.2002)

(25) de (26) de

(30) 101 45 862.2 18 Sep/sep 2001 DE  
(18.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR INJECTING FUEL AND VALVE FOR CONTROLLING FLUIDS

- PROCEDE POUR L'INJECTION DE CARBURANT AINSI QUE SOUPAPE POUR LA COMMANDE DE LIQUIDES

(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) MATTES, Patrick [DE/DE]; An Der Betteleiche 3, 70569 Stuttgart (DE). KANNE, Sebastian [DE/DE]; Koenig-Karl-Strasse 54, 70372 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F02M 69/46, 51/00, 61/14

(11) WO 03/027492 (13) A1

(21) PCT/DE02/02696

(22) 23 Jul/juil 2002 (23.07.2002)

(25) de (26) de

(30) 101 45 035.4 13 Sep/sep 2001 DE  
(13.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FUEL INJECTION SYSTEM

• SYSTEME D'INJECTION DE CARBURANT

(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) REITER, Ferdinand [DE/DE]; Burgweg 1, 71706 Markgröningen (DE). MAIER, Martin [DE/DE]; Meisenweg 12, 71696 Möglingen (DE).

(81) BR CN JP KR RU US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> F02P 5/14, F02D 41/06

(11) WO 03/027493 (13) A1

(21) PCT/DE02/02656

(22) 19 Jul/juil 2002 (19.07.2002)

(25) de (26) de

(30) 101 42 493.0 30 Aug/août 2001 DE  
(30.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR OPERATING A DIRECT-INJECTION INTERNAL COMBUSTION ENGINE

- PROCEDE D'UTILISATION D'UN MOTEUR A COMBUSTION INTERNE A INJECTION DIRECTE

(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) GRAU, Kai-Uwe [DE/DE]; Gutshofsstrasse 7, 774196 Neuenstadt (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F03B 3/18, F01D 9/02, F03D 1/04

(11) WO 03/027494 (13) A1

(21) PCT/NO02/00348

(22) 30 Sep/sep 2002 (30.09.2002)

(25) no (26) en

(30) 20014742 28 Sep/sep 2001 NO  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND GUIDING DEVICE FOR INCREASING A WATER TURBINE'S EFFICIENCY

- PROCEDE ET DISPOSITIF DE GUIDAGE VISANT A AUGMENTER L'EFFICACITE D'UNE TURBINE HYDRAULIQUE

(71, 72) TUNLI, Jan [NO/NO]; Tromsogata 10H, N-0565 Oslo (NO).

(74) ONSAGERS AS; P.O. Box 6963 St. Olavs plass, N-0130 Oslo (NO).

(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) 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 SD SE SG SI SK (Utility model / modèle d'utilité) 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F03B 17/02

(11) WO 03/027495 (13) A1

(21) PCT/DE02/03422

(22) 25 Sep/sep 2002 (25.09.2002)

(25) de (26) de

(30) 101 47 335.4 26 Sep/sep 2001 DE (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE FOR MULTIPLYING A FORCE, INCREASING PRESSURE AND CONVERTING ENERGY USING COUNTERFORCE SYSTEMS

• DISPOSITIF POUR LA MULTIPLICATION DE FORCE, L'AUGMENTATION DE PRESSION ET LA CONVERSION D'ENERGIE AU MOYEN DE SYSTEMES A FORCE ANTAGONISTE

(71, 72) WEISSBRODT, Frank [DE/DE]; Lauterkopfstrasse 25, 98528 Suhl (DE). WEISSBRODT, Daniel [DE/DE]; Gutsmuthsstrasse 47, 04177 Leipzig (DE). WEISSBRODT, Michel [DE/DE]; Kantstrasse 42, 96052 Bamberg (DE).

(74) ENDERS, Hans; Nordstrasse 10, 99195 Grossrudestedt (DE).

(81) AE AG AL AU BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EC EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MD MG MK MN MX NO NZ OM PH PL RO SG SI SK SL TN TT UA US UZ VN YU ZA.

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

Published / Publiée : (c)

(51)<sup>7</sup> F03D 3/04, 9/02

(11) WO 03/027496 (13) A1

(21) PCT/JP02/09163

(22) 9 Sep/sep 2002 (09.09.2002)

(25) ja (26) ja

(30) 2001-319971 11 Sep/sep 2001 JP (11.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • WIND VELOCITY ACCELERATION TYPE INERTIA FORCE POWER GENERATION SYSTEM

• SYSTEME DE GENERATION D'ENERGIE SOUS FORME DE FORCE D'INERTIE DE TYPE A ACCELERATION DE VECTEUR VENT

(71) TOMOYASU, Yoko [JP/JP]; 21-22, Mirokuji 3-chome, Fujisawa-shi, Kanagawa 251-0016 (JP). TOMOYASU, Yutaka [JP/JP]; 21-22, Mirokuji 3-chome, Fujisawa-shi, Kanagawa 251-0016 (JP).

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

(72, 75) TOMOYASU, Yoshioki [JP/JP]; 21-22, Mirokuji 3-chome, Fujisawa-shi, Kanagawa 251-0016 (JP).

(81) AU BR CA CN GB HU ID IL IN KR MX NO NZ PH PL PT RO SG US VN YU.

(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 IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F03D 3/06, 3/04

(11) WO 03/027497 (13) A1

(21) PCT/JP02/09853

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001-292315 25 Sep/sep 2001 JP (25.09.2001)

(30) 2001-292316 25 Sep/sep 2001 JP (25.09.2001)

(30) 2001-311335 9 Oct/oct 2001 JP (09.10.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • THREE-BLADED VERTICAL WIND MILL EQUIPMENT

• EQUIPEMENT POUR ÉOLIENNE VERTICALE À TROIS PALES

(71, 72) KANEDA, Fumiro [JP/JP]; 3-805, Naruse 5092, Machida-shi, Tokyo 194-0044 (JP).

(74) YAMAGUCHI, Tetsuo; 2F, Maruwa Bldg., 17-10, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AU BA BB BG BR CA CN CO CR CU CZ DM DZ EC EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ OM PH PL SG SI SK TT UA US UZ VN YU ZA.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> F03D 9/00

(11) WO 03/027498 (13) A1

(21) PCT/US02/26583

(22) 20 Aug/août 2002 (20.08.2002)

(25) en (26) en

(30) 60/316,081 30 Aug/août 2001 US (30.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTIAXIS TURBINE  
• TURBINE A PLUSIEURS AXES

(71, 72) RICKER, Jonathan, C. [US/US]; 11 Maple Avenue, Shrewsbury, MA 01545 (US).

(74) DINGMAN, Brian, M.; Mirick, O'Connell, DeMallie and Lougee, 1700 West Park Drive, Westborough, MA 01581 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> F03H

(11) WO 03/027499 (13) A2

(21) PCT/US02/29763

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 09/961,545 22 Sep/sep 2001 US (22.09.2001)

(30) 10/121,211 12 Apr/avr 2002 US (12.04.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ROTATING PROPULSION DEVICE  
• DISPOSITIF DE PROPULSION ROTATIF

(71, 72) FITZGERALD, David [US/US]; 2432 D Wyoming St., Dayton, OH 45410 (US).

(74) GRAHAM, R., William et al. / etc.; A Patent Lawyer Corp. P.C., 22 S. St. Clair St., Dayton, OH 45402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F03H

(11) WO 03/027500 (13) A2

(21) PCT/US02/30486

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 09/965,270 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HIGH SPEED CENTRIFUGAL PROCESSOR  
• APPAREIL DE TRAITEMENT CENTRIFUGE A GRANDE VITESSE

(71) H-TECHNOLOGY INC. [US/US]; 511 Washington Avenue, Carlstadt, NJ 07023 (US).

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(72, 75) **HOFFMAN, Steve, E.** [US/US]; 6 Maple Street, Englewood Cliffs, NJ 07632 (US).

(74) **CANNUSCIO, Robert, E.** et al. / etc.; Drinker Biddle & Reath LLP, One Logan Square, 18th and Cherry Streets, Philadelphia, PA 19103-6996 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F04B 39/06

(11) WO 03/027501 (13) A1

(21) PCT/US02/31028

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 60/325,504 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FUEL TRANSFER PUMP

• POMPE DE TRANSFERT DE CARBURANT

(71) **ENVIRON PRODUCTS, INC.** [US/US]; 3250 us 70 Business West, Smithfield, NC 27577 (US).

(72) **STRUTHERS, Kevin, D.**; 109 Bradborne Circle, Clayton, NC 27520 (US). **WEBB, Michael, C.**; 10701 Golf Link Drive, Raleigh, NC 27617 (US).

(74) **DELMAS, Joseph, R., Jr.** et al. / etc.; Drinker Biddle & Reath LLP, Suite 1100, 1500 K Street, N.W., Washington, DC 20005-1009 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F04B 41/02, F16L 37/40

(11) WO 03/027502 (13) A1

(21) PCT/JP02/09710

(22) 20 Sep/sep 2002 (20.09.2002)

(25) ja (26) ja

(30) 2001-287583 20 Sep/sep 2001 JP (20.09.2001)

(30) 2001-287584 20 Sep/sep 2001 JP (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMPRESSED AIR RETRIEVAL DEVICE OF COMPRESSOR

• DISPOSITIF D'EXTRACTION D'AIR COMPRISE D'UN COMPRESSEUR

(71) **MAX CO., LTD.** [JP/JP]; 6-6, Nihonbashihakozakicho, Chuo-ku, Tokyo 103-8502 (JP).

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(72, 75) **KURAGUCHI, Kazuhiko** [JP/JP]; c/o Max Co., Ltd., 6-6, Nihonbashihakozakicho, Chuo-ku, Tokyo 103-8502 (JP). **TAKE-MURA, Hajime** [JP/JP]; c/o Max Co., Ltd., 6-6, Nihonbashihakozakicho, Chuo-ku, Tokyo 103-8502 (JP). **ASAI, Masatoshi** [JP/JP]; c/o Max Co., Ltd., 6-6, Nihonbashihakozakicho, Chuo-ku, Tokyo 103-8502 (JP).

(74) **OGURI, Shohei** et al. / etc.; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F04B 43/04, 43/08

(11) WO 03/027503 (13) A1

(21) PCT/IL02/00756

(22) 12 Sep/sep 2002 (12.09.2002)

(25) en (26) en

(30) 145583 24 Sep/sep 2001 IL (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PIEZOELECTRIC PUMP

• POMPE PIEZO-ELECTRIQUE

(71) **DIGIPUMP LTD.** [IL/IL]; Rotem Industrial Park, 86800 D.N. Arava (IL).

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

(72, 75) **RAZI, Efron** [IL/IL]; 25 HaGamal Street, 84731 Beersheva (IL). **GELMAN, Gregory** [IL/IL]; 3 Glazman Street, 84332 Beersheva (IL). **AKSELRUD, Ilya** [IL/IL]; 3/38 Seren Dov Street, 84496 Beersheva (IL). **KALISKY, Ofra** [IL/IL]; 1 Gar Street, 85025 Meitar (IL). **KALISKY, Yehoshua** [IL/IL]; 1 Gar Street, 85025 Meitar (IL).

(74) **LUZZATTO, Kfir** et al. / etc.; Luzzatto & Luzzatto, P.O. Box 5352, 84152 Beersheva (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 NO NZ OM PH PL PT RO

RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F04D 5/00, 13/06

(11) WO 03/027504 (13) A1

(21) PCT/JP02/09884

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 2001-291616 25 Sep/sep 2001 JP (25.09.2001)

(30) 2001-330463 29 Oct/oct 2001 JP (29.10.2001)

(30) 2001-400154 28 Dec/déc 2001 JP (28.12.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ULTRA-THIN PUMP AND COOLING SYSTEM INCLUDING THE PUMP

• POMPE ULTRA-MINCE ET SYSTEME DE REFROIDISSEMENT COMPRESANT LADITE POMPE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(72) **NIWATSUKINO, Kyo**; 1-2-10-305, Atago, Nishi-ku, Fukuoka-shi, Fukuoka 819-0015 (JP). **SHUKURI, Yoichi**; 5-13-30, Roji, Minami-ku, Fukuoka-shi, Fukuoka 811-1346 (JP). **AIZONO, Yoshimitsu**; 121-4, Ogori, Ogori-shi, Fukuoka 838-0141 (JP). **NARAKINO, Shigeru**; 4117-1, Fukumamachi, Munakata-gun, Fukuoka 811-3213 (JP).

(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 BY BZ CA CH 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F14B 11/08, F15B 11/00, 20/00, E02F 9/24

(11) WO 03/027505 (13) A1

(21) PCT/JP02/09809

(22) 24 Sep/sep 2002 (24.09.2002)

(25) ja (26) ja

(30) 2001/290610 25 Sep/sep 2001 JP (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HYDRAULIC CIRCUIT OF WORKING MACHINE  
• CIRCUIT HYDRAULIQUE D'UNE MACHINE DE CHANTIER

(71) YANMAR CO., LTD. [JP/JP]; 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530-0013 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KONDO, Masami [JP/JP]; c/o YANMAR CO., LTD., 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530-0013 (JP).

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

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F15B 3/00

(11) WO 03/027506 (13) A2

(21) PCT/FR02/03287

(22) 26 Sep/sep 2002 (26.09.2002)

(25) fr (26) fr

(30) 01/12566 26 Sep/sep 2001 FR (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PRESSURE AMPLIFYING DEVICE FOR HYDRAULIC CIRCUIT  
• DISPOSITIF AMPLIFICATEUR DE PRESSION POUR CIRCUIT HYDRAULIQUE

(71) SA BERINGER [FR/FR]; Le Bourg, F-42940 Chatelneuf (FR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERINGER, Gilbert [FR/FR]; Le Bourg, F-42940 Chatelneuf (FR).

(74) THIVILLIER, Patrick et al. / etc.; Cabinet Laurent & Charras, 3, place de l'Hôtel de Ville, BP 203, F-42005 Saint Etienne (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F15B 15/20

(11) WO 03/027507 (13) A1

(21) PCT/DE02/02804

(22) 30 Jul/juil 2002 (30.07.2002)

(25) de (26) de

(30) 101 41 766.7 29 Aug/août 2001 DE (29.08.2001)

(30) 101 52 414.5 24 Oct/oct 2001 DE (24.10.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HYDRAULIC CYLINDER COMPRISING VALVES  
• CYLINDRE HYDRAULIQUE A SOUPAPES

(71) BOSCH REXROTH AG [DE/DE]; Zum Eisengiesser 1, 97816 Lohr (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GIBSON, Christopher [GB/DE]; Betholzweg 5, 97737 Gemünden (DE).  
MILD, Katja [DE/DE]; Gärtnerstr. 8, 97816 Lohr (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 BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F15C 5/00

(11) WO 03/027508 (13) A1

(21) PCT/US02/29803

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/957,894 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LOW POWER INTEGRATED PUMPING AND VALVING ARRAYS FOR MICROFLUIDIC SYSTEMS  
• DISPOSITIFS DE POMPAGE ET DE DISTRIBUTION INTEGRES A FAIBLE PUISSANCE POUR SYSTEMES MICROFLUIDIQUES

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, Oakland, CA 94607-5200 (US).

(72) KRULEVITCH, Peter, A.; 1122 Division Street, Pleasanton, CA 94566 (US).  
BENETT, William, J.; 2205 Vintage Lane, Livermore, CA 94550 (US).  
ROSE, Clint, A.; 814 N. Livermore, Apt. 202, Livermore, CA 94550 (US).  
HAMILTON, Julie; 440 Wagtail Drive, Tracy, CA 95376 (US).  
MAGHRIBI, Mariam; 801 East 8th St., Apt. 203, Davis, CA 95616 (US).

(74) THOMPSON, Alan, H.; P.O. Box 808, L-703, Livermore, CA 94551 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F15D 1/02, F17D 1/20

(11) WO 03/027509 (13) A1

(21) PCT/RU02/00433

(22) 26 Sep/sep 2002 (26.09.2002)

(25) ru (26) ru

(30) 2001126104 26 Sep/sep 2001 RU (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE FOR HYDRODYNAMIC PROCESSING A FLUID MEDIUM  
• DISPOSITIF DE TRAITEMENT HYDRODYNAMIQUE DE MILIEUX FLUIDES

(71) KLIMCHUK, Natalia Vasilievna [RU/RU]; ul. Betonnaya, 13-8, Noginsk, 142410 (RU).  
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) OSIPENKO, Sergei Borisovich [UA/UA]; ul. Zala Egerseg, 19-68, Kherson, 322005 (UA).

(74) RYBAKOV, Vladimir M. et al. / etc.; ARS-Patent, a/ya 230, St.Petersburg, 191186 (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 SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> F16B

(11) WO 03/027510 (13) A2

(21) PCT/EP02/11138

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) MI2001U000525 26 Sep/sep 2001 IT (26.09.2001)

(30) MI2001U000636 5 Dec/déc 2001 IT (05.12.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • DEVICE AND METHOD FOR DETACHABLY CONNECTING ABUTTING STRUCTURAL PARTS AND TIE MEMBER FOR USE TO FORM SAID DEVICE
- DISPOSITIF ET PROCÉDE POUR RACORDER DE MANIÈRE AMOVIBLE DES PARTIES STRUCTURELLES EN BUTÉE ET UN ÉLÉMENT DE LIAISON POUR FORMER LEDIT DISPOSITIF
- (71) AGOSTINO FERRARI S.P.A. [IT/IT]; Via Tiraboschi, 48, I-24122 Bergamo (IT).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MIGLI, Carlo [IT/IT]; Via del Pozzo, 8, I-23900 Lecco (IT).
- (74) BOTTERO, Claudio et al. / etc.; Porta Checacci & Associati S.p.A., Viale Sabotino, 19/2, 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F16B 2/04, 2/16, B23Q 3/00, 3/18
- (11) WO 03/027511 (13) A1
- (21) PCT/JP02/09101
- (22) 6 Sep/sep 2002 (06.09.2002)
- (25) ja (26) ja
- (30) 2001-288745 21 Sep/sep 2001 JP (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CLAMP DEVICE
- DISPOSITIF DE SERRAGE
- (71) PASCAL KABUSHIKI KAISHA [JP/JP]; 9-1, Aza Kaidoshita, koonoike, Itami-shi, Hyogo 664-0006 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KURODA, Takayuki [JP/JP]; c/o PASCAL KABUSHIKI KAISHA, 9-1, Aza Kaidoshita, koonoike, Itami-shi, Hyogo 664-0006 (JP).
- (74) OKAMURA, Toshio; OKAMURA TOKKYO JIMUSHO, 5-5, Nishitenma 4-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Declaration / Déclaration :  
*(u) for / pour US only / seulement*
- 
- (51)<sup>7</sup> F16B 2/06
- (11) WO 03/027512 (13) A1
- (21) PCT/GB02/04319
- (22) 23 Sep/sep 2002 (23.09.2002)
- (25) en (26) en
- (30) 0123131.5 26 Sep/sep 2001 GB (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CLAMPING DEVICE
- DISPOSITIF DE FIXATION
- (71) DAIWA SPORTS LIMITED [GB/GB]; Netherton Industrial Estate, Wishaw, Lanarkshire ML2 0EY (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SAUNDERS, Tony [GB/GB]; Daiwa Sports Limited, Netherton Industrial Estate, Wishaw, Lanarkshire ML2 0EY (GB).
- (74) ROCK, Olaf, Colin; Rock & Company, Trelawn, Cassington, Witney OX29 4DN (GB).
- (81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EC EE GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL RO RU SD SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> F16B 2/20
- (11) WO 03/027513 (13) A1
- (21) PCT/EP02/10619
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) en (26) en
- (30) 01/12236 21 Sep/sep 2001 FR (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MEANS FOR FIXING BY INTERLOCKING AND CONTAINER FIXED THEREBY
- MOYENS DE FIXATION PAR ENCLÈCHEMENT, ET CONTENEUR FIXE PAR CES MOYENS
- (71) MARK IV SYSTEMES MOTEURS (SOCIÉTÉ ANONYME) [FR/FR]; 4, Place des Saisons, F-92400 Courbevoie (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) COTTET, François [FR/FR]; 18, rue de l'Eglise, F-68370 Orbey (FR). MENIN, Denis [FR/FR]; Les Jardins de Flore, 13, rue de l'Aubépine, F-68125 Houssen (FR).
- (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F16B 7/18, E04F 11/18
- (11) WO 03/027514 (13) A1
- (21) PCT/EP02/09162
- (22) 16 Aug/août 2002 (16.08.2002)
- (25) de (26) de
- (30) 101 46 656.0 21 Sep/sep 2001 DE (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CONNECTION ELEMENT
- ÉLÉMENT DE RACCORDEMENT
- (71) DORMA GMBH + CO. KG [DE/DE]; Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ELMER, Hubert [AT/AT]; Valiergasse 10, A-6020 Innsbruck (AT).
- (74) GINZEL, Lothar; Dorma GmbH + Co. KG, Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).
- (81) AU CA CN HU IL IN JP NO US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> F16B 21/09, B60R 11/00, 21/01, 16/02
- (11) WO 03/027515 (13) A1
- (21) PCT/DE01/03430
- (22) 6 Sep/sep 2001 (06.09.2001)
- (25) de (26) de
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SENSOR DEVICE AND METHOD FOR ARRANGING A SENSOR DEVICE ON A MOUNTING PLATE
- DISPOSITIF DE DETECTION ET PROCÉDE POUR PLACER UN DISPOSITIF DE DETECTION SUR UNE PLAQUE DE MONTAGE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MARKUS, Christopher [DE/DE]; Hintere Keilbergstr. 64, 93055 Regensburg (DE). PLANKL, Christian [DE/DE]; Droste-Hülshoff-Weg 24, 93055 Burgweinting (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- 
- (51)<sup>7</sup> F16B 21/18
- (11) WO 03/027516 (13) A1
- (21) PCT/US02/30517
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 60/324,526 26 Sep/sep 2001 US (26.09.2001)
- (30) 10/084,143 28 Feb/fév 2002 US (28.02.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • RETAINING RING APPARATUS AND METHOD
- DISPOSITIF D'ANNEAU ELASTIQUE POUR ARBRE ET PROCÉDE CORRESPONDANT

- (71) **SPX CORPORATION** [US/US]; 13515 Ballantyne, Corporate Place, Charlotte, NC 28277 (US).
- (71, 72) **ENGEL, David, J.** [US/US]; 9687 Purell Hill Road, Springwater, NY 14560 (US).
- (74) **SHEEHAN, Kenneth et al. / etc.**; Washington Square 1100, 1050 Connecticut Avenue, NW, Washington, DC 20036 (US).
- (81) CA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> **F16B 27/00**

- (11) **WO 03/027517** (13) A1
- (21) PCT/JP02/09578
- (22) **18 Sep/sep 2002 (18.09.2002)**
- (25) ja (26) ja
- (30) 2001-289424 **21 Sep/sep 2001 (21.09.2001)** JP
- (43) 3 Apr/avr 2003 (03.04.2003)

- (54) • **SCREW CONNECTION BAND**  
• **BANDE D'ASSEMBLAGE DE VIS**
- (71) **MAX CO., LTD.** [JP/JP]; 6-6, Nihonbashihakozakicho, Chuo-ku, Tokyo 103-8502 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **FUJIYAMA, Takeo** [JP/JP]; c/o Max Co., Ltd., 6-6, Nihonbashihakozakicho, Chuo-ku, Tokyo 103-8502 (JP). **TAMURA, Junichi** [JP/JP]; c/o Max Co., Ltd., 6-6, Nihonbashihakozakicho, Chuo-ku, Tokyo 103-8502 (JP). **MACHIDA, Mitsuhsa** [JP/JP]; c/o Max Co., Ltd., 6-6, Nihonbashihakozakicho, Chuo-ku, Tokyo 103-8502 (JP). **NAKAGAWA, Yasushi** [JP/JP]; c/o Max Co., Ltd., 6-6, Nihonbashihakozakicho, Chuo-ku, Tokyo 103-8502 (JP).

- (74) **OGURI, Shohei et al. / etc.**; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F16B 37/00, 5/02**

- (11) **WO 03/027518** (13) A1
- (21) PCT/US02/30234
- (22) **24 Sep/sep 2002 (24.09.2002)**
- (25) en (26) en
- (30) 09/962,895 **25 Sep/sep 2001 (25.09.2001)** US
- (43) 3 Apr/avr 2003 (03.04.2003)

- (54) • **QUICK ASSEMBLY FASTENING SYSTEM FOR PLASTIC PARTS**

- **DISPOSITIFS DE FIXATION A ASSEMBLAGE RAPIDE POUR ELEMENTS PLASTIQUES**

- (71) **NEWFREY LLC** [US/US]; Drummond Plaza Office Park, 1423 Kirkwood Highway, Newark, DE 19711 (US).

- (72) **PETROK, Christopher, J.**; 150 Wayland Avenue, Waterbury, CT 06708 (US). **WIND, Gregory, A.**; 76 Burr Hill Road, Killingworth, CT 0617 (US).

- (74) **BROCK, Christopher, M. et al. / etc.**; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

- (81) JP.

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :  
*(s) for all designations / pour toutes les designations*  
*(t) for all designations / pour toutes les designations*

(51)<sup>7</sup> **F16C 11/06**

- (11) **WO 03/027519** (13) A1
- (21) PCT/US02/30270
- (22) **24 Sep/sep 2002 (24.09.2002)**
- (25) en (26) en
- (30) 09/964,228 **26 Sep/sep 2001 (26.09.2001)** US
- (43) 3 Apr/avr 2003 (03.04.2003)

- (54) • **TIE ROD END WITH PURGATIVE GREASE ZERK AND PURGELESS TIE ROD BOOT**  
• **ROTULE DE LA BARRE D'ACCOUPLEMENT AVEC GRAISSEUR ZERK PURGATIF ET GANT DE LA TIGE DE DIRECTION SANS PURGE**

- (71) **DANA CORPORATION A corporation of Virginia** [US/US]; 4500 Dorr Street, Toledo, OH 43615 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **MOSES, David, G.** [US/US]; 1188 North Eagle Lake Drive, Kalamazoo, MI 49009 (US).

- (74) **KOLAKOWSKI, William, F.**; Dykema Gossett PLLC, 39577 Woodward Avenue, Suite 300, Bloomfield Hills, MI 48304-5086 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **F16C 32/04, H02K 7/09**

- (11) **WO 03/027520** (13) A1
- (21) PCT/KR02/01710

- (22) **12 Sep/sep 2002 (12.09.2002)**
- (25) en (26) en
- (30) 10-2001-59366 **25 Sep/sep 2001 (25.09.2001)** KR

- (43) 3 Apr/avr 2003 (03.04.2003)

- (54) • **PASSIVE AND ACTIVE MAGNETIC BEARING BY USING THE LORENTZ FORCE**  
• **PALIER MAGNETIQUE PASSIF ET ACTIF UTILISANT LA FORCE DE LORENTZ**

- (71) **KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY** [KR/KR]; #39-1, Hawolgk-dong, Sungbuk-gu, Seoul 136-791 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **KIM, Seung-Jong** [KR/KR]; #839-142, Mia-1-dong., Gangbuk-gu, Seoul, 142-821 (KR). **HWANG, Yo-Ha** [KR/KR]; Wosung A.P.T 29-1003, 101-2., Jamsil-dong, Songpa-gu, Seoul, 138-798 (KR). **LEE, Jong-Min** [KR/KR]; Sejong-1-Cha A.P.T 118-1001, 1877-3, Jeungwang-2-Dong, Shiheung-City, Kyonggi-do, 429-773 (KR).

- (74) **LEE, Jong Il; #904, BYC Building, 648-1, Yeoksam-dong, Kangnam-gu, Seoul, 135-080 (KR).**

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F16C 33/10, 17/10, 33/20, 35/02, H02K 7/08, 21/22, 5/167**

- (11) **WO 03/027521** (13) A1
- (21) PCT/JP02/09360
- (22) **12 Sep/sep 2002 (12.09.2002)**
- (25) ja (26) ja
- (30) 2001-289568 **21 Sep/sep 2001 (21.09.2001)** JP

- (30) 2001-386480 **19 Dec/déc 2001 (19.12.2001)** JP

- (30) 2001-386479 **19 Dec/déc 2001 (19.12.2001)** JP

- (30) 2002-34333 **12 Feb/fév 2002 (12.02.2002)** JP

- (30) 2002-34332 **12 Feb/fév 2002 (12.02.2002)** JP

- (43) 3 Apr/avr 2003 (03.04.2003)

- (54) • **BEARING UNIT AND MOTOR USING THE BEARING UNIT**  
• **UNITE DE PALIER ET MOTEUR UTILISANT CETTE UNITE**

- (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) **SHISHIDO, Yuji** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **YAZAWA, Kenichiro** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **KATO, Shinichiro** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **KIKUCHI, Shuichi** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **UJIIE, Toru** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) **KOIKE, Akira** et al. / etc.; No.11 Mori Bldg., 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN JP KR US.
- 
- (51)<sup>7</sup> **F16C 33/20, B32B 15/04**
- (11) **WO 03/027522** (13) A2
- (21) PCT/DE02/03607
- (22) **24 Sep/sep 2002 (24.09.2002)**
- (25) de (26) de
- (30) 101 47 292.7 **26 Sep/sep 2001 DE (26.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR PRODUCING A METAL BASE MATERIAL PROVIDED WITH A SLIDING LAYER, AND THE USE THEREOF
- PROCEDE DE PRODUCTION D'UN SUPPORT METALLIQUE POURVU D'UNE COUCHE DE GLISSEMENT ET SON UTILISATION
- (71) **FEDERAL-MOGUL WIESBADEN GMBH & CO. KG** [DE/DE]; Stielstrasse 11, 65201 Wiesbaden (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ADAM, Achim** [DE/DE]; Alte Mainzer Strasse 3, 64569 Nauheim (DE). **FUCHS-BERGER, Stefan** [DE/DE]; Martinsgasse 8, 65343 Eltville (DE). **SCHLÜTER, Joachim** [DE/DE]; Mosbacher Strasse 52, 65187 Wiesbaden (DE).
- (81) CN CZ JP KR PL SK US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> **F16C 35/067, 35/063, 19/54, 19/06, 19/16, 25/08**
- (11) **WO 03/027523** (13) A1
- (21) PCT/JP02/09634
- (22) **19 Sep/sep 2002 (19.09.2002)**
- (25) ja (26) ja
- (30) 2001-288548 **21 Sep/sep 2001 JP (21.09.2001)**
- (30) 2002-46326 **22 Feb/fév 2002 JP (22.02.2002)**
- (30) 2002-47899 **25 Feb/fév 2002 JP (25.02.2002)**
- (30) 2002-181639 **21 Jun/juin 2002 JP (21.06.2002)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • BEARING DEVICE
- DISPOSITIF DE SUPPORT
- (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) **MIYAZAKI, Seizou** [JP/JP]; c/o NSK Ltd., 5-50, Kugenmashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (JP).
- (74) **OGURI, Shohei** et al. / etc.; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).
- (81) CN US.
- 
- (51)<sup>7</sup> **F16D**
- (11) **WO 03/027524** (13) A2
- (21) PCT/US02/30668
- (22) **25 Sep/sep 2002 (25.09.2002)**
- (25) en (26) en
- (30) 60/325,429 **27 Sep/sep 2001 US (27.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FLEXIBLE COUPLING WITH RADIALLY OFFSET BEAMS FORMED BY ASYMMETRIC SLOT PAIRS
- RACCORD FLEXIBLE A NERVURES EN CORDE D'ARC DECALEES RADIALEMENT ET FORME DE PAIRES DE FENTES ASYMETRIQUES
- (71) **GENGARELLY INC.** [US/US]; 216 North Main Street, Freeport, NY 11520 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERG, Dennis, G.** [US/US]; 83 Grant Avenue, East Rockaway, NY 11518 (US).
- (74) **STOLL, Robert, S.**; Stoll, Miskin, Hoffman & Badie, Empire State Building, 350 Fifth Avenue, New York, NY 10118 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for all designations / pour toutes les désignations
- (t) for all designations / pour toutes les désignations
- 
- (51)<sup>7</sup> **F16D 25/00**
- (11) **WO 03/027525** (13) A2
- (21) PCT/EP02/08751
- (22) **6 Aug/août 2002 (06.08.2002)**
- (25) de (26) de
- (30) 101 46 606.4 **21 Sep/sep 2001 DE (21.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) 3 Apr/avr 2003 (03.04.2003)
- (54) • MULTIPLE CLUTCH SYSTEM WITH MULTI-PLATE CLUTCH ARRANGEMENTS AXIALLY JUXTAPOSED
- SYSTEME D'EMBRAYAGE MULTIPLE POURVU D'ENSEMBLES D'EMBRAYAGE MULTIDISQUE JUXTAPOSES DANS LE SENS AXIAL
- (71) **ZF SACHS AG** [DE/DE]; Ernst-Sachs-Str. 62, 97424 Schweinfurt (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EBERT, Angelika** [DE/DE]; Rosbrunnstr. 18, 97421 Schweinfurt (DE). **GROSSPIETSCH, Wolfgang** [DE/DE]; Matthias-Grünwald-Ring 20, 97422 Schweinfurt (DE). **KUNDERMANN, Wolfgang** [DE/DE]; Arnsbergstr. 36, 97422 Schweinfurt (DE). **KRAUS, Paul** [DE/DE]; Kautzenstr. 29, 97464 Niederwerrn (DE).
- (74) **ZF SACHS AG**; Ernst-Sachs-Str. 62, 97424 Schweinfurt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
- (u) for / pour US only / seulement
- 
- (51)<sup>7</sup> **F16D 65/097, 65/54**
- (11) **WO 03/027526** (13) A1
- (21) PCT/GB02/04346
- (22) **25 Sep/sep 2002 (25.09.2002)**
- (25) en (26) en
- (30) 0122970.7 **25 Sep/sep 2001 GB (25.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • RETRACTION MECHANISM FOR DISC BRAKE ASSEMBLY
- MECANISME DE RETRACTION POUR UN ENSEMBLE DE FREIN A DISQUE
- (71) **TRW LTD** [GB/GB]; Automotive Braking Systems, Stratford Road, Solihull, West Midlands B90 4GY (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ASHMAN, Glynn** [GB/GB]; Nutnalls Bungalow, Off Warbage Lane, Belbroughton, Stourbridge, Worcestershire DY9 0AB (GB). **HICKIN, Grahame** [GB/GB]; 19 Vaughton Drive, Sutton Coldfield, West Midlands B75 6AQ (GB).
- (74) **BARKER BRETTELL**; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> F16D 65/097
- (11) WO 03/027527 (13) A1
- (21) PCT/US02/30539
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) en (26) en
- (30) 60/324,705 25 Sep/sep 2001 US  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PAD RETRACTION SPRING FOR A  
BRAKE SHOE ASSEMBLY AND A  
DISC BRAKE ASSEMBLY
- RESSORT DE PLAQUETTES D'UN  
FREIN DISQUE ET DISPOSITIF DE  
FREINAGE LE COMPORTANT
- (71) KELSEY-HAYES COMPANY [US/US];  
12000 Tech Center Drive, Livonia, MI 48150  
(US).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) WEMPLE, Jonathan [US/US]; 1621  
Woodlawn, Royal Oak, MI 48073 (US).  
TRAUB, George, S. [US/US]; 324 West-  
brook, Whitmore Lake, MI 48189 (US).
- (74) PAVELKO, Douglas, V.; MacMillan,  
Sobanski & Todd LLC, One Maritime Plaza,  
4th Floor, 720 Water Street, Toledo, OH  
43604 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> F16D 69/02
- (11) WO 03/027529 (13) A1
- (21) PCT/US02/30588
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) en (26) en
- (30) 09/962,069 25 Sep/sep 2001 US  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FRICTION MATERIALS CONTAINING  
SILICONES FOR CONTROL OF MOIS-  
TURE SENSITIVITY AND NOISE GEN-  
ERATION
- MATERIAUX DE FRICTION SILI-  
CONES PERMETTANT DE CONTRO-  
LER DE LA SENSIBILITE A L'HU-  
MIDITE ET A LA GENERATION DE  
BRUITS
- (71) HONEYWELL INTERNATIONAL INC.  
[US/US]; 101 Columbia Avenue, P.O. Box  
2245, Morristown, NJ 07960 (US).
- (72) KESAVAN, Sunil, Kumar; 2200 Crooks  
Road, Troy, MI 48084 (US).
- (74) CRISS, Roger, H. et al. / etc.; Honeywell  
International Inc., 101 Columbia Avenue, P.O.  
Box 2245, Morristown, NJ 07960 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> F16D 69/04
- (11) WO 03/027530 (13) A1
- (21) PCT/US02/30586
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) en (26) en
- (30) 09/962,068 25 Sep/sep 2001 US  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DRUM BRAKE LININGS HAVING  
THERMALLY OR MECHANICALLY  
APPLIED METALLIC SHOE ATTACH-  
MENT ENHANCEMENTS
- GARNITURES DE FREIN A TAMBOUR  
PRESENTANT DES FIXATIONS DE  
SABOT METALLIQUES AMELIOREES  
THERMIQUEMENT OU MECANIQUE-  
MENT APPLIQUEES
- (71) HONEYWELL INTERNATIONAL INC.  
[US/US]; 101 Columbia Road, P.O. Box  
2245, Morristown, NJ 07960 (US).
- (72) KESAVAN, Sunil, Kumar; 2200 Crooks  
Road, Troy, MI 48084 (US). FAIRLESS,  
Kent; 4283 Cherrywood, Troy, MI 48098  
(US). EASTHAM, Roy; 48847 Pebble Lane,  
Novi, MI 48374 (US).
- (74) CRISS, Roger, H. et al. / etc.; Honeywell  
International Inc., 101 Columbia Road, P.O.  
Box 2245, Morristown, NJ 07960 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> F16F
- (11) WO 03/027531 (13) A2
- (21) PCT/US02/23389
- (22) 23 Jul/juil 2002 (23.07.2002)
- (25) en (26) en
- (30) 09/961,584 24 Sep/sep 2001 US  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ENERGY ABSORPTION APPARATUS  
WITH COLLAPSIBLE MODULES
- APPAREIL D'ABSORPTION D'ENER-  
GIE DOTE DE MODULES PLIABLES
- (71) BARRIER SYSTEMS, INC. [US/US]; 180  
River Road, Rio Vista, CA 94571 (US).
- (72) ANGHILERI, Marco; Via Zurett, 47,  
I-20125 Milano (IT). MULLER, Franz,  
M.; Via Scheiwiller, 1, I-20133 Milano (IT).  
DENMAN, Owen, S.; 8311 Dressage Way,  
Sacramento, CA 95829 (US).
- (74) LAMPE, Thomas, R.; Bielen, Lampe &  
Thoeming, Suite 720, 1990 N. California  
Blvd., Walnut Creek, CA 94596 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> F16F
- (11) WO 03/027532 (13) A2
- (21) PCT/US02/30207
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/324,301 24 Sep/sep 2001 US  
(24.09.2001)
- (30) 60/346,568 8 Jan/jan 2002 US  
(08.01.2002)

- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SHOCK ABSORBER HAVING A PRESURIZED GAS COMPARTMENT  
• AMORTISSEUR DE CHOCS MUNI D'UN COMPARTIMENT POUR GAZ COMPRIME
- (71) GABRIEL RIDE CONTROL PRODUCTS, INC. [US/US]; 100 Westwood Place, Brentwood, TN 37027-5015 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) NANDYAL, Srinath [US/US]; 1204 Stewart Drive, Pulaski, TN 38478 (US).
- (74) VANDER LEEST, Kirk, A.; McAndrews, Held & Malloy, Ltd., 500 West Madison Street, 34th Floor, Chicago, IL 60661 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F16F 15/10
- (11) WO 03/027533 (13) A1
- (21) PCT/US02/30774
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 09/963,774 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • TORSIONAL VIBRATION DAMPER  
• AMORTISSEUR DE VIBRATIONS DE TORSION
- (71) EAGLE-PICHER INDUSTRIES GMBH [US/US]; P.O. Box 779, Cincinnati, OH 45201 (US).
- (72) NICHOLS, Jeffrey, W.; 9854 Rolling Green, Pinckney, MI 48169 (US).
- (74) ALLEN, William, R. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F16F 15/123
- (11) WO 03/027534 (13) A1
- (21) PCT/DE02/03350
- (22) 10 Sep/sep 2002 (10.09.2002)
- (25) de (26) de
- (30) 101 45 776.6 17 Sep/sep 2001 DE (17.09.2001)
- (30) 102 26 154.7 12 Jun/juin 2002 DE (12.06.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • TORSIONAL VIBRATION DAMPER  
• AMORTISSEUR DE VIBRATIONS TORSIONNELLES
- (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) MENDE, Hartmut [DE/DE]; Merkelbuckel 45, 77815 Bühl (DE). JÄCKEL, Johann [DE/DE]; Sonnenhang 16a, 77830 Bühlertal (DE). BOSSE, Michael [DE/DE]; Hauptstrasse 3c, 76547 Sinzheim (DE). REIK, Wolfgang [DE/DE]; Sonnhalde 8, 77815 Bühl (DE).
- (74) LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG; 77813 Bühl (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> F16G
- (11) WO 03/027535 (13) A2
- (21) PCT/US02/30326
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) en (26) en
- (30) 09/963,804 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • TORQUE TRANSFER CLUTCH WITH LINEAR PISTON HYDRAULIC CLUTCH ACTUATOR  
• UNITE DE TRANSMISSION DE COUPLE POURVU D'UN ACTIONNEUR D'EMBRAYAGE HYDRAULIQUE A PISTON LINEAIRE
- (63) US 09/963,804 (CON) 26 Sep/sep 2001 (26.09.2001)
- (71) NEW VENTURE GEAR, INC. [US/US]; Suite 300, 1650 Research Drive, Troy, MI 48083 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BANSBACH, Eric, A. [US/US]; 5543 Sandstone Way, Fayetteville, NY 13066 (US). MUELLER, Joseph, G. [US/US]; 5797 Ridge Road, Cazenovia, NY 13035 (US). BRISSENDEN, James, S. [US/US]; 3063 Hayfield Lane, Baldwinsville, NY 13027 (US). ZALEWSKI, John, D. [US/US]; 3925 Gristmill Circle, Liverpool, NY 13090 (US). MOHAN, Sankar, K. [US/US]; 109 Haddonfield Drive, DeWitt, NY 13214 (US). MIZON, Richard [US/US]; 5000 Worthington Way, Fayetteville, NY 13066 (US). RONK, Aaron [US/US]; 1235 Bay Road, Lake George, NY 12845 (US). MOZAFAR, Khazae [US/US]; 3031 Village Blvd. S., Baldwinsville, NY 13027 (US).
- (74) RETTIG, Philip, E. et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT 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*
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- (51)<sup>7</sup> F16G 3/10, B29C 65/02 // B03C 7/08, B29K 23:00, B29L 29:00
- (11) WO 03/027536 (13) A2
- (21) PCT/US02/30715
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en
- (30) 60/325,426 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD OF FORMING A CONTINUOUS BELT FOR A BELT-TYPE SEPARATOR DEVICE  
• PROCEDE DE FORMATION D'UNE BANDE CONTINUE POUR UN SEPARATEUR DE TYPE A BANDE
- (71) SEPARATION TECHNOLOGIES, INC. [US/US]; Suite 303, 10 Kearney Road, Needham, MA 02194 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WHITLOCK, David, R. [US/US]; 40 Nash Street, Watertown, MA 02172 (US). SERT, Bulent [US/US]; 1 Endicott Avenue, Marblehead, MA 01945 (US).
- (74) ANASTASI, John, N.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).



(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16H 7/12

(11) WO 03/027537 (13) A1

(21) PCT/EP02/09378

(22) 22 Aug/août 2002 (22.08.2002)

(25) de (26) de

(30) 101 46 612.9 21 Sep/sep 2001 DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CLAMPING DEVICE  
• DISPOSITIF DE SERRAGE

(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) KRAUS, Manfred [DE/DE]; Goethesstrasse 36c, 91074 Herzogenaurach (DE). BOGNER, Michael [DE/DE]; Forchheimer Strasse 3, 90542 Eckental (DE).

(74) INA-SCHAEFFLER KG; Industriestrasse 1 - 3, 91074 Herzogenaurach (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16H 29/04

(11) WO 03/027538 (13) A1

(21) PCT/DE02/03511

(22) 19 Sep/sep 2002 (19.09.2002)

(25) de (26) de

(30) 101 47 415.6 26 Sep/sep 2001 DE (26.09.2001)

(30) 102 11 864.7 18 Mar/mar 2002 DE (18.03.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TRANSMISSION  
• 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) FRIEDMANN, Oswald [DE/DE]; Mooser Strasse 59, 77839 Lichtenau (DE).

(74) LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG; 77813 Bühl (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F16H 55/36

(11) WO 03/027539 (13) A1

(21) PCT/JP02/09465

(22) 13 Sep/sep 2002 (13.09.2002)

(25) ja (26) ja

(30) 2001-288207 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF ASSEMBLING ROLLER CLUTCH BUILT-IN TYPE PULLEY DEVICE

• PROCÉDE D'ASSEMBLAGE D'UN DISPOSITIF DE POULIE DU TYPE A ROUE LIBRE INCORPORÉE

(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) AIDA, Hiroshi [JP/JP]; c/o NSK LTD., 1-5-50 Kugenmashinmei, Fujisawa-shi, Kanagawa 251-0021 (JP).

(74) KAMODA, Asao et al. / etc.; Rainbow Bldg. 8th Fl., 2-15-17, Nishi-Shimbashi, Minato-ku, Tokyo 105-0003 (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 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16H 61/00

(11) WO 03/027540 (13) A1

(21) PCT/IB02/04001

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 2001-302181 28 Sep/sep 2001 JP (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SLIPPAGE DETECTION SYSTEM AND METHOD FOR CONTINUOUSLY VARIABLE TRANSMUTATIONS

• SYSTEME ET PROCÉDE DE DETECTION DU GLISSEMENT POUR DES TRANSMISSIONS A CHANGEMENT DE VITESSES CONTINU

(71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP).

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

(72, 75) IWATSUKI, Kunihiko [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP). HOSHIYA, Kazumi [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP). OS-

HIYUMI, Yasuhiro [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP). NAKAWAKI, Yasunori [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP). OSAWA, Masataka [JP/JP]; Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi-ken 480-1192 (JP). NISHIZAWA, Hiroyuki [JP/JP]; Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nakagute-cho, Aichi-gun, Aichi-ken 480-1192 (JP). YAMAGUCHI, Hiroyuki [JP/JP]; Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nakagute-cho, Aichi-ken 480-1192 (JP). SUZUKI, Hideyuki [JP/JP]; Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-ken 480-1192 (JP).

(71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP).

(72, 75) IWATSUKI, Kunihiko [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP). HOSHIYA, Kazumi [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP). OS-

HIYUMI, Yasuhiro [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP). NAKAWAKI, Yasunori [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP). OSAWA, Masataka [JP/JP]; Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi-ken 480-1192 (JP). NISHIZAWA, Hiroyuki [JP/JP]; Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nakagute-cho, Aichi-gun, Aichi-ken 480-1192 (JP). YAMAGUCHI, Hiroyuki [JP/JP]; Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-ken 480-1192 (JP). SUZUKI, Hideyuki [JP/JP]; Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-ken 480-1192 (JP).

(71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP).

(72, 75) IWATSUKI, Kunihiko [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP). HOSHIYA, Kazumi [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP). OS-

HIYUMI, Yasuhiro [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP). NAKAWAKI, Yasunori [JP/JP]; Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP). OSAWA, Masataka [JP/JP]; Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi-ken 480-1192 (JP). NISHIZAWA, Hiroyuki [JP/JP]; Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nakagute-cho, Aichi-gun, Aichi-ken 480-1192 (JP). YAMAGUCHI, Hiroyuki [JP/JP]; Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-ken 480-1192 (JP). SUZUKI, Hideyuki [JP/JP]; Kabushiki Kaisha Toyota Chuo Kenkyusho, 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-ken 480-1192 (JP).

(81) CN CZ KR PL US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F16J 1/10, F01B 29/10

(11) WO 03/027541 (13) A1

(21) PCT/US01/50163

(22) 9 Nov/nov 2001 (09.11.2001)

(25) en (26) en

(30) 09/963,769 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR DIMINISHING THE CONSUMPTION OF FUEL AND CONVERTING RECIPROCAL PISTON MOTION INTO ROTARY MOTION

• PROCÉDE ET APPAREIL DESTINES A DIMINUER LA CONSOMMATION DE CARBURANT ET A CONVERTIR UN MOUVEMENT ALTERNATIF DE PISTON EN MOUVEMENT ROTATIF

(71, 72) CAMMACK, Charles, H. [US/US]; 7911 Darnell, Lenexa, KS 66215 (US).

(74) TIMMONS, Stephen, D.; Hovey, Williams, Timmons & Collins, Suite 400, 2405 Grand Boulevard, Kansas City, MO 64108 (US).

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

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 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).

(51)<sup>7</sup> F16J 9/06

(11) WO 03/027542 (13) A1

(21) PCT/RU02/00093

(22) 15 Mar/mar 2002 (15.03.2002)

(25) ru (26) ru

(30) 2001126275 27 Sep/sep 2001 RU (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PISTON SEAL  
• JOINT DE PISTON

(71, 72) ZAKHVATOV, German Ivanovich [RU/RU]; ul. Tatarstan, 3/2-62, Kazan, 420021 (RU).

(74) SAMGIN, Yurii Sergeevich; Sevastopolskii pr., 38-29, Moscow, 113461 (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 RU SD SE SG SI SK SL TJ TM TN 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 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).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> F16J 15/04, C09J 5/02

(11) WO 03/027543 (13) A1

(21) PCT/JP02/09020

(22) 5 Sep/sep 2002 (05.09.2002)

(25) ja (26) ja

(30) 2001-269657 6 Sep/sep 2001 JP (06.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF SEALING OIL-DEPOSITED SEAL SURFACE  
• PROCÉDE D'ÉTANCHEISATION D'UNE SURFACE DE JOINT RECOUVERTE PAR UN DEPOT D'HUILE

(71) THREE BOND CO., LTD. [JP/JP]; 1456, Hazama-cho, Hachioji-shi, Tokyo 193-0941 (JP).

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

(72, 75) KAWAI, Toshio [JP/JP]; c/o THREE BOND CO., LTD., 1456, Hazama-cho, Hachioji-shi, Tokyo 193-0941 (JP).

(74) SAITO, Takehiko et al. / etc.; Akasaka-Taisei Bldg., 1-18, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16J 15/12

(11) WO 03/027544 (13) A1

(21) PCT/JP02/09556

(22) 18 Sep/sep 2002 (18.09.2002)

(25) ja (26) ja

(30) 2001-289516 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SPHERICAL BAND-SHAPED SEAL BODY AND METHOD OF MANUFACTURING THE SEAL BODY

• CORPS D'ÉTANCHEITE SPHERIQUE APLATI EN FORME DE BANDE ET PROCÉDE DE FABRICATION DU CORPS D'ÉTANCHEITE

(71) OILES CORPORATION [JP/JP]; 3-2, Shibadaimon 1-chome, Minato-ku, Tokyo 105-0012 (JP).

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

(72, 75) KUBOTA, Shuichi [JP/JP]; c/o OILES CORPORATION Fujisawa Plant, 8, Kirihara-cho, Fujisawa-shi, Kanagawa 252-0811 (JP). FURUKIDO, Takeshi [JP/JP]; c/o OILES CORPORATION Fujisawa Plant, 8, Kirihara-cho, Fujisawa-shi, Kanagawa 252-0811 (JP). SAKAIRI, Yoshikazu [JP/JP]; c/o OILES CORPORATION Fujisawa Plant, 8, Kirihara-cho, Fujisawa-shi, Kanagawa 252-0811 (JP).

(74) TAKADA, Takeshi; 3rd Floor, Hanabusa Building, 12-6, Minamiaoyama 5-chome, Minato-ku, Tokyo 107-0062 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> F16J 15/16, 15/32

(11) WO 03/027545 (13) A1

(21) PCT/DE02/03400

(22) 13 Sep/sep 2002 (13.09.2002)

(25) de (26) de

(30) 101 45 914.9 18 Sep/sep 2001 DE (18.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HIGH-PRESSURE SEALING ASSEMBLY  
• SYSTÈME D'ÉTANCHEITE HAUTE PRESSION

(71) BUSAK + SHAMBAN GMBH [DE/DE]; Handwerkstrasse 5-7, 70565 Stuttgart (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JORDAN, Holger [DE/DE]; Novizenweg 140, 73765 Neuhausen a.d.F. (DE).

(74) KOHLER SCHMID + PARTNER PATENTANWÄLTE GBR; Ruppmannstrasse 27, 70565 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)<sup>7</sup> F16J 15/18, 15/20, F16K 41/02

(11) WO 03/027546 (13) A1

(21) PCT/JP02/09787

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 2001-294866 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • GLAND PACKING AND SEALING APPARATUS COMPRISING IT

• GARNITURE D'ÉTANCHEITE ET APPAREIL D'ÉTANCHEITE COMPRESANT LADITE GARNITURE

(71) NIPPON VALQUA INDUSTRIES, LTD. [JP/JP]; Shinjyuku Mitsui Building 6th, 1-1, Nishishinjyuku 2-chome, Shinjyuku, Tokyo 163-0406 (JP).

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

(72, 75) ISHIDA, Makoto [JP/JP]; c/o Nippon Valqua Industries, LTD., 5-2, Nara Kogyodanchi, Technopark, Sugawa-cho, Gojo-shi, Nara 637-0014 (JP).

(74) MATSUMOTO, Takehiko; 25-6, Hannan-cho 1-chome, Abeno-ku, Osaka-shi, Osaka 545-0021 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16K

(11) WO 03/027547 (13) A2

(21) PCT/US02/31275

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 60/326,025 28 Sep/sep 2001 US (28.09.2001)

(30) 60/364,659 14 Mar/mar 2002 US (14.03.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • CLOSURE VALVE APPARATUS FOR FLUID DISPENSING
- CLAPET D'OBTURATION POUR UN APPAREIL D'ADMINISTRATION DE FLUIDE
- (71) COLDER PRODUCTS COMPANY [US/US]; 1001 Westgate Drive, St. Paul, MN 55114 (US).
- (72) DECLER, Charles, Peter; 2405 Periwinkle Avenue North, Stillwater, MN 55082 (US). STURM, Blaine, C.; 10855 Killdeer Street Northwest, Coon Rapids, MN 55433 (US).
- (74) BRUESS, Steven, C.; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).
- (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) 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> F16K 3/00
- (11) WO 03/027548 (13) A1
- (21) PCT/US02/18047
- (22) 6 Jun/juin 2002 (06.06.2002)
- (25) en (26) en
- (30) 09/941,475 29 Aug/août 2001 US (29.08.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • GATE VALVE
- ROBINET-VANNE
- (71) TYCO FLOW CONTROL INC. [US/US]; Three Tyco Park, Exeter, NH 03833 (US).
- (72) WILLIAMS, Nicholas, J.; 30 Suez Court, Sparks, NV 89436 (US). COOPER, Christopher, E.; 2475 Robb Drive, Reno, NV 89523 (US). BURROW, Lawrence, J.; 13050 Fellowship Way, Reno, NV 89511 (US). DICKSON, Joanne, L.; 631-2 Oakwood Drive, Sparks, NV 89431 (US).
- (74) BUSHMAN, James, C.; Suite 1800, 5718 Westheimer, Houston, TX 77057 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 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).
- 
- (51)<sup>7</sup> F16K 3/08
- (11) WO 03/027549 (13) A1
- (21) PCT/EP02/10590
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) de (26) de
- (30) 101 46 625.0 21 Sep/sep 2001 DE (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FLOW RATE ADJUSTING DEVICE
- DISPOSITIF DE REGLAGE DE DEBIT
- (71) MICRO MECHATRONIC TECHNOLOGIES AG [DE/DE]; Eiserfelder Str. 3165, 57080 Siegen (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HEMPELMANN, Willi [DE/DE]; Rübblinghauser Str. 27, 57426 Olpe (DE).
- (74) ZUMSTEIN, F. et al. / etc.; Bräuhausstrasse 4, 80331 München (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> F16K 7/06
- (11) WO 03/027550 (13) A1
- (21) PCT/US02/29278
- (22) 17 Sep/sep 2002 (17.09.2002)
- (25) en (26) en
- (30) 09/964,959 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FLOW CONTROL DEVICE
- DISPOSITIF REGULATEUR D'ECOLEMENT
- (71) BAXTER INTERNATIONAL INC. [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US).
- (72) BLICKHAN, Bryan; 3309 Harbor Ridge Drive, Zion, IL 60099 (US). LO, Ying-Cheng; 225 Fox Run Road, Green Oaks, IL 60048 (US).
- (74) MAYO, Michael, C. et al. / etc.; Baxter Healthcare Corporation, Route 120 and Wilson Road, (RLP-30), Round Lake, IL 60073 (US).
- (81) AU CA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> F16K 31/126, G05D 16/06, 16/18
- (11) WO 03/027551 (13) A1
- (21) PCT/CA02/01432
- (22) 18 Sep/sep 2002 (18.09.2002)
- (25) en (26) en
- (30) 09/961,092 24 Sep/sep 2001 US (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • BACK PRESSURE VALVE WITH DYNAMIC PRESSURE CONTROL
- REGULATEUR DE PRESSION D'EVAPORATION A REGULATION DYNAMIQUE DE LA PRESSION
- (63) US 09/961,092 (CON) 24 Sep/sep 2001 (24.09.2001)
- (71) HYDROGENICS CORPORATION [CA/CA]; 5985 McLaughlin Road, Mississauga, Ontario L5R 1B8 (CA).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YE, Jianming [CA/CA]; 22-101 Rosseau Road, North York, Ontario M3H 3G2 (CA). SIMPSON, Todd, A. [CA/CA]; 809-10 Kensington Road, Brampton, Ontario L6T 3V4 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> F16K 31/163, F15B 15/06, F02C 7/277, F01D 25/02
- (11) WO 03/027552 (13) A1
- (21) PCT/US02/30737
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en
- (30) 09/967,128 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DUAL ACTUATOR AIR TURBINE STARTER VALVE
- SOUPEPE DE TURBO-DEMARREUR PNEUMATIQUE A DEUX VERINS
- (71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) WIGGINS, Jimmy; 923 N. Hazelton Court, Chandler, AZ 85226 (US). KOLIC, Michael; 1713 W. Fairmont Avenue, Phoenix, AZ 85015 (US). MARSHALL, Dori; 731 N. Merrill Road, Apache Junction, AZ 85220 (US). LANE, Glenn; 1549 E. Greentree, Tempe, AZ 85284 (US).
- (74) CRISS, Roger, H. et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F16L

(11) WO 03/027553 (13) A2

(21) PCT/DK02/00759

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) PA 2001 01703 16 Nov/nov 2001 DK (16.11.2001)

(30) 60/331,471 16 Nov/nov 2001 US (16.11.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A SYSTEM FOR CONTROLLING THE FLOW RATE OF A FLUID

- SYSTEME DE REGULATION DU DEBIT D'UN FLUIDE

(71) RIGSHOSPITALET [DK/DK]; Blegdamsvej 9, DK-2100 Copenhagen Ø (DK).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ENGHOLM, Martin, Peter [DK/DK]; Hastings Allé, DK-2670 Greve (DK).

(74) PLOUGMANN & VINGTOFT A/S; Sundkrogsgade 9, P.O. Box 831, DK-2100 Copenhagen K (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 SD SE SG SI SK (Utility model / modèle d'utilité) 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (f), (g)

(51)<sup>7</sup> F16L

(11) WO 03/027554 (13) A2

(21) PCT/US02/28171

(22) 4 Sep/sep 2002 (04.09.2002)

(25) en (26) en

(30) 09/948,471 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LOOSE-FILL INSULATION DISPENSING APPARATUS INCLUDING SPIKED CONDUIT LINER

- DISTRIBUTEUR D'ISOLANT EN VRAC DANS LEQUEL UN CONDUIT COMPORTE UN REVETEMENT INTERNE A POINTES

(71) CERTAINTTEED CORPORATION [US/US]; 750 East Swedesford Road, P.O. Box 860, Valley Forge, PA 19482 (US).

(72) PENTZ, Edward; 23 Estate Road, Boyertown, PA 19512 (US). KAWANO, David, M.; 6310 North Dewey Avenue, Fresno, CA 93711-0869 (US).

(74) GAMBINO, Darius, C.; Duane Morris LLP, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16L

(11) WO 03/027555 (13) A2

(21) PCT/US02/29921

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 60/324,436 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • POROUS PIPE

- TUYAU POREUX

(71) PLASTIC SPECIALTIES AND TECHNOLOGIES, INC. [US/US]; 201 Industrial Parkway, Somerville, NJ 08876 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MITCHELL, William, S. [US/US]; 318 Paris Street, McKenzie, TN 38201 (US). LANHAM, James [US/US]; 102 Missionary Lane, Gleason, TN 38229 (US).

(74) GULBIN, John, F. et al. / etc.; Pitney, Hardin, Kipp & Szuch LLP, 685 Third Avenue, New York, NY 10017-4024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16L 5/02, H02G 3/22, B60R 16/02

(11) WO 03/027556 (13) A1

(21) PCT/SE02/01739

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 0103169-9 25 Sep/sep 2001 SE (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BUSHING AND METHOD FOR LEADING ONE OR MORE CABLES THROUGH A WALL APERTURE

- TRAVERSEE ET PROCEDE DESTINE A FAIRE PASSER UN OU PLUSIEURS CABLES A TRAVERS UNE OUVERTURE MENAGEE DANS UN MUR

(71) SCANIA CV AB (publ) [SE/SE]; S-151 87 Södertälje (SE).

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

(72, 75) ISENBERG, Lars, E. [SE/SE]; Karpstigen 56, S-151 39 Södertälje (SE).

(74) EGRELIUS, Fredrik; Scania CV AB, Patents, S-151 87 Södertälje (SE).

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

(51)<sup>7</sup> F16L 11/04, 11/12, B32B 1/08

(11) WO 03/027557 (13) A1

(21) PCT/US02/30869

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,225 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BARRIER TUBING

- TUBE FORMANT BARRIERE

(71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) BERGEVIN, Kevin; 893 Everitt Avenue, Kingston, Ontario K7M 4R1 (CA). STEVENS, Kenneth, Earl; 1102 Palmerston Crescent, Kingston, Ontario K7P 2P5 (CA).

(74) HAMBLY, William, H.; E.I. Dupont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> F16L 21/02  
(11) WO 03/027558 (13) A1  
(21) PCT/SE02/01579  
(22) 5 Sep/sep 2002 (05.09.2002)  
(25) sv (26) en  
(30) 0103203-6 27 Sep/sep 2001 SE  
(27.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • SEALING RING, MANUFACTURED BY CO-EXTRUSION OF A SOFTER MATERIAL AND A HARDER MATERIAL.  
• BAGUE D'ETANCHEITE FABRIQUEE PAR COEXTRUSION D'UN MATERIAU RELATIVEMENT MOU ET D'UN MATERIAU RELATIVEMENT DUR  
(71) FORSHEDA AB [SE/SE]; S-330 12 Forsheda (SE).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) CAVKA, Elvir [SE/SE]; Törn skatevägen 4, S-331 41 Värnamo (SE). GUSTAFSSON, Leif [SE/SE]; Björsgårdsvägen 18, S-331 95 Kårda (SE).  
(74) AWAPATENT AB; Box 5117, S-200 714 Malmö (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
(51)<sup>7</sup> F16L 21/035, F24F 13/02  
(11) WO 03/027559 (13) A1  
(21) PCT/US02/30072  
(22) 23 Sep/sep 2002 (23.09.2002)  
(25) en (26) en  
(30) 09/961,731 24 Sep/sep 2001 US  
(24.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD AND APPARATUS FOR COUPLING HVAC CONDUITS  
• PROCEDE ET SYSTEME DE RACCORDEMENT DE CONDUITS CVC  
(71) HAMLIN SHEET METAL COMPANY, INCORPORATED [US/US]; P.O. Box 465, Garner, NC 27529 (US).  
(72) THOMAS, Bradley; 602 Hillandale Lane, Garner, NC 27529 (US). THOMAS, Jonathan; 602 Hillandale Lane, Garner, NC 27529 (US).

- (74) COATS, Larry; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

- (51)<sup>7</sup> F16L 23/02, 21/08  
(11) WO 03/027560 (13) A1  
(21) PCT/FR02/03244  
(22) 23 Sep/sep 2002 (23.09.2002)  
(25) fr (26) fr  
(30) 01/12391 26 Sep/sep 2001 FR  
(26.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • JOINT USED TO CONNECT TWO TUBULAR ELEMENTS AND THE ASSEMBLY METHOD FOR SAME  
• JOINT POUR RACCORDER DEUX ELEMENTS TUBULAIRES ET SON PROCEDE DE MONTAGE  
(71) SAINT-GOBAIN PAM [FR/FR]; 91, avenue de la Libération, F-54000 Nancy (FR).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) VITEL, Jean-Pierre [FR/FR]; 9, rue Clinchant, F-54470 Thiaucourt-Regnieville (FR). LECHEVALLIER, Gilles [FR/FR]; 30, allée de la Messangère, F-54250 Champigneulle (FR). RENARD, Philippe [FR/FR]; 60, rue du Château, F-54710 Fleville (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> F16L 23/16 // G01M 3/28  
(11) WO 03/027561 (13) A1  
(21) PCT/NO02/00326

- (22) 17 Sep/sep 2002 (17.09.2002)  
(25) en (26) en  
(30) 20014666 26 Sep/sep 2001 NO  
(26.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • AN ARRANGEMENT FOR MONITORING AND/OR TESTING OF FLANGE JOINTS  
• ARRANGEMENT DE SUIVI ET/OU DE TEST DE JOINTS DE BRIDE  
(71, 72) HYSTAD, Ann, Helen [NO/NO]; c/o Karmsund Maritime Offshore Supply AS, P.O. Box 484, N-4291 Kopervik (NO).  
(74) HÅMSØ PATENTBYRÅ ANS; P.O. Box 171, N-4302 Sandnes (NO).  
(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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> F16L 37/084  
(11) WO 03/027562 (13) A1  
(21) PCT/FR02/03187  
(22) 18 Sep/sep 2002 (18.09.2002)  
(25) fr (26) fr  
(30) 0112202 21 Sep/sep 2001 FR  
(21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • QUICK COUPLING DEVICE  
• DISPOSITIF DE RACCORDEMENT INSTANTANE  
(71) LEGRIS SA [FR/FR]; 74 rue de Paris, F-35000 Rennes (FR).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) VALLEE, Christophe [FR/FR]; Belle Horizon, F-35230 Orgeres (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE 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 designation / pour la  
désignation suivante : US

(51)<sup>7</sup> F16L 37/14

(11) WO 03/027563 (13) A1

(21) PCT/DE02/02641

(22) 18 Jul/juil 2002 (18.07.2002)

(25) de (26) de

(30) 101 46 186.0 19 Sep/sep 2001 DE  
(19.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SHEAR ELEMENT  
• ELEMENT DE CISAILLEMENT

(71) RWE RHEINBRAUN AKTIENGE-  
SELLSCHAFT [DE/DE]; Stüttgenweg  
2, 50935 Köln (DE).

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

(72, 75) KEUL, Willi [DE/DE]; Fuchskaul 16,  
50169 Kerpen (DE).

(74) LIPPERT, STACHOW, SCHMIDT &  
PARTNER; Frankenforster Strasse 135-137,  
51427 Bergisch Gladbach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DK DM  
DZ EC EE ES FI GB GD GE GH GM HR HU  
ID 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  
SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16L 39/00, 58/08

(11) WO 03/027564 (13) A1

(21) PCT/DE01/03526

(22) 14 Sep/sep 2001 (14.09.2001)

(25) de (26) de

(30) 101 43 187.2 4 Sep/sep 2001 DE  
(04.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DOUBLE-SKINNED TUBE FOR THE  
FLUID TRANSPORT OF ABRASIVE  
SOLIDS

• TUBE DOUBLE COUCHE DESTINE  
AU TRANSPORT FLUIDIQUE DE MA-  
TIERES SOLIDES ABRASIVES

(71) ESSER-WERKE KG [DE/DE]; Zum Pud-  
delhammer 25, 59581 Warstein (DE).

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

(72, 75) ESSER, Alexander [DE/DE]; Eulenweg  
1a, 59581 Warstein (DE).

(74) BOCKERMANNM, Rolf et al. / etc.;  
Bergstrasse 159, 44791 Bochum (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY  
CA CH CN CR CU CZ DE DK DM EE ES FI

GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV  
MA MD MG MK MN MW MX NO NZ PL  
PT RO RU SD SE SG SI 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 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).

(51)<sup>7</sup> F16P 3/12

(11) WO 03/027565 (13) A1

(21) PCT/BE02/00147

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 01870204.3 27 Sep/sep 2001 EP  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SAFETY ARRANGEMENTS FOR  
POWER MACHINERY

• DISPOSITIFS DE SECURITE POUR  
MACHINE MOTORISEES

(71) RAPID REPAIRS BVBA [BE/BE];  
Bruglaan 7A, B-3960 Bree (BE).

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

(72, 75) PARREN, Adrien [BE/BE]; Bruglaan  
7A, B-3960 Bree (BE).

(74) BIRD, William, E. et al. / etc.; Bird Goën &  
Co, Klein Dalenstraat 42A, B-3020 Winksele  
(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 NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> F21L

(11) WO 03/027566 (13) A2

(21) PCT/US02/29458

(22) 17 Sep/sep 2002 (17.09.2002)

(25) en (26) en

(30) 60/317,363 21 Sep/sep 2001 US  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FLASHLIGHT WITH BRACKET DE-  
VICE FOR CORDLESS DRILL

• LAMPE TORCHE A DISPOSITIF D'AT-  
TACHE POUR FORET SANS FIL

(71, 72) GILLETTE, Jay, V. [US/US]; P.O. Box  
213, Thornton, PA 19373 (US).

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

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

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (n)

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 SD SE SG  
SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU  
ZA ZM ZW EP (AT BE BG CH CY CZ DE DK EE  
ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(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  
SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU  
ZA ZM ZW EP (AT BE BG CH CY CZ DE DK EE  
ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(t) for all designations / pour toutes les  
désignations

(u) for / pour US only / seulement

(v) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> F21L 2/00

(11) WO 03/027567 (13) A1

(21) PCT/KR02/01811

(22) 26 Sep/sep 2002 (26.09.2002)

(25) ko (26) en

(30) 2001-0059695 26 Sep/sep 2001 KR  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PORTABLE LIGHT

• LAMPE PORTATIVE

(71, 72) AN, Hyun-Gi [KR/KR]; SONGHO  
BLDG., 3F., 1592-13 Bongchun-4-Dong,  
Kwanak-Ku, 151-054 Seoul (KR).

(74) KIM, Ham-Kon; HYUNDAI Life Insurance  
BLDG., 5F., 649-14 Yoksam-Dong, Kang-  
nam-Ku, 135-080 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NO NZ OM PH PL PT RO RU  
SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F21V 8/00

(11) WO 03/027568 (13) A1

(21) PCT/IB02/03660

(22) 6 Sep/sep 2002 (06.09.2002)

(25) en (26) en

- (30) 01203674.5 **26 Sep/sep 2001** EP  
(26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) ● MICRO-STRUCTURED ILLUMINATION SYSTEM FOR PROVIDING POLARIZED LIGHT  
● SYSTEME D'ECLAIRAGE MICRO-STRUCTURE PERMETTANT DE PRODUIRE DE LA LUMIERE POLARISEE
- (71) STICHTING DUTCH POLYMER INSTITUTE [NL/NL]; John F. Kennedylaan 2, NL-5612 AB Eindhoven (NL).
- (72) JAGT, Hendrik, J., B.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BASTIAANSEN, Cees; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). CORNELISEN, Hugo, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BROER, Dirk, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) DEGUELLE, Wilhelmus, H., G.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F21V 8/00  
(11) WO 03/027569 (13) A1  
(21) PCT/IB02/03719  
(22) 6 Sep/sep 2002 (06.09.2002)  
(25) en (26) en

- (30) 01203666.1 **26 Sep/sep 2001** EP  
(26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) ● WAVEGUIDE, EDGE-LIT ILLUMINATION ARRANGEMENT AND DISPLAY COMPRISING SUCH  
● GUIDE D'ONDE, AGENCEMENT D'ECLAIREMENT A ECLAIRAGE PERIPHERIQUE, ET DISPOSITIF D'AFFICHAGE CORRESPONDANT
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) JAGT, Hendrik, J., B.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BASTIAANSEN, Cees; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). CORNELISEN, Hugo, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BROER, Dirk, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) DEGUELLE, Wilhelmus, H., G.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F21V 21/03, F21S 8/06  
(11) WO 03/027570 (13) A1  
(21) PCT/US02/30758  
(22) 26 Sep/sep 2002 (26.09.2002)  
(25) en (26) en  
(30) 60/324,888 **26 Sep/sep 2001** US  
(26.09.2001)

- (30) Not furnished / 25 Sep/sep 2002 US  
non communiqué (25.09.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) ● LIGHTING FIXTURE MOUNTING APPARATUS  
● APPAREIL DE MONTAGE DE DISPOSITIF D'ECLAIRAGE
- (71) IVALO LIGHTING INC. [US/US]; 2300 Computer Avenue, Suite I-2, Willow Grove, PA 19090 (US).
- (72) HAKKARAINEN, Susan; 4517 Longfellow Court, Doylestown, PA 18901 (US). HUHNS, Norman; 1110 Greystone Road, Mannheim, PA 17545 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F21V 33/00  
(11) WO 03/027571 (13) A1  
(21) PCT/US02/30536  
(22) 25 Sep/sep 2002 (25.09.2002)  
(25) en (26) en  
(30) 60/325,359 **27 Sep/sep 2001** US  
(27.09.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) ● ILLUMINATED BALLOON, PORTABLE BALLOON KIT, ADVERTISING METHOD & METHOD OF ENHANCING FESTIVE OCCASIONS  
● BALLON ECLAIRE, NECESSAIRE PORTABLE DE BALLON, PROCEDE PUBLICITAIRE ET PROCEDE RENFORÇANT UNE ATMOSPHERE FESTIVE
- (71) OHLUND, Stephen [US/US]; 1533 Osos Street, San Luis Obispo, CA 93401 (US).
- (74) CONNORS, John, J.; Connors & Associates, Suite 220, 1600 Dove Street, Newport Beach, CA 92660 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

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

(51)<sup>7</sup> F23D  
(11) WO 03/027572 (13) A2  
(21) PCT/US02/30422  
(22) 25 Sep/sep 2002 (25.09.2002)  
(25) en (26) en  
(30) 60/324,643 **25 Sep/sep 2001** US  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) ● SEMI-AUTOMATIC GAS PILOT ORIFICE CLEAN-OUT DEVICE  
● DISPOSITIF DE NETTOYAGE SEMI-AUTOMATIQUE D'ORIFICE DE VEILLEUSE A GAZ

(71) L.B. WHITE CO., INC. [US/US]; W6636 L.B. White Rd., Onalaska, WI (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZABRISKIE, Thomas, C. [US/US]; 3436 East Avenue South, LaCrosse, WI 54601 (US). TOMLINSON, John, L. [US/US]; W5794 Hickory Point Court, LaCrosse, WI 54650 (US).

(74) NEBLETT, Adonis, A. et al. / etc.; Fredrikson & Byron, P.A., 4000 Pillsbury Center, 200 South Sixth Street, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F23G 5/24, F23J 1/00, F23G 5/16  
(11) WO 03/027573 (13) A2  
(21) PCT/JP01/08173  
(22) 20 Sep/sep 2001 (20.09.2001)  
(25) ja (26) ja  
(43) 3 Apr/avr 2003 (03.04.2003)

(54) ● ELECTRIC FURNACE FOR WASTE TREATMENT  
● FOUR ÉLECTRIQUE POUR TRAITEMENT DES DÉCHETS

(71, 72) ANZAI, Setsu [JP/JP]; 2-2-16-103, Mita, Minatoku, Tokyo 108-0073 (JP).

(72, 75) KATAYAMA, Hideo [JP/JP]; 3-39-4, Kamiikegami, Ootaku, Tokyo 145-0064 (JP).

(81) BR CA CN GB KR MX NZ RU SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (i)

(51)<sup>7</sup> F24D 13/02, H05B 3/20, E04F 15/18

(11) WO 03/027574 (13) A1

(21) PCT/JP02/09552

(22) 18 Sep/sep 2002 (18.09.2002)

(25) ja (26) ja

(30) 2001-287684 20 Sep/sep 2001 JP  
(20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LOW TEMPERATURE BURN PREVENTING ELECTRIC FLOOR HEATING SYSTEM, ELECTRIC FLOOR HEATING PANEL, FLOOR HEATING FLOOR MATERIAL, AND ELECTRIC FLOOR HEATING DEVICE

• SYSTEME DE CHAUFFAGE ELECTRIQUE PAR LE PLANCHER SANS RISQUE DE BRULURE A BASSE TEMPERATURE, PANNEAU DE CHAUFFAGE ELECTRIQUE PAR LE PLANCHER, MATERIAU DE PLANCHER CHAUFFANT ET DISPOSITIF DE CHAUFFAGE ELECTRIQUE PAR LE PLANCHER

(71) NIPPON OIL CORPORATION [JP/JP]; 3-12, Nishi-shimbashi 1-chome, Minato-ku, Tokyo 105-8412 (JP). FUKAI, Kazuo [JP/JP]; 4-5-1-908, Higashiya-mada, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0023 (JP).

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

(72, 75) KOJIMA, Akiyoshi [JP/JP]; c/o NIPPON OIL CORPORATION, 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0815 (JP). KOHNO, Takefumi [JP/JP]; c/o NIPPON OIL CORPORATION, 3-12, Nishi-shimbashi 1-chome, Minato-ku, Tokyo 105-8412 (JP).

(74) MORITA, Nobuyuki; Watase Bldg., 5-8, Nishi-shimbashi 3-chome, Minato-ku, Tokyo 105-0003 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F24F

(11) WO 03/027575 (13) A2

(21) PCT/US02/29820

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 60/323,855 21 Sep/sep 2001 US  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NON-MECHANICAL BLOWER

• VENTILATEUR SOUFFLANT NON MECANIQUE

(71) COLLINS &amp; AIKMAN AUTOMOTIVE COMPANY INC. [US/US]; 750 Stephenson Highway, Troy, MI 48083 (US).

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

(72, 75) MURPHY, James, J. [US/US]; 880 N. Oxford Road, Oxford, MI 48371 (US).

(74) GROSSMAN, Steven, J. et al. / etc.; Grossman, Tucker, Perreault &amp; Pflieger, PLLC, 55 South Commercial Street, Manchester, NH 03101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F24F 1/00

(11) WO 03/027576 (13) A1

(21) PCT/JP02/06456

(22) 26 Jun/juin 2002 (26.06.2002)

(25) ja (26) ja

(30) 2001-287998 21 Sep/sep 2001 JP  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AIR CONDITIONER

• CLIMATISEUR

(71) DAIKIN INDUSTRIES, LTD. [JP/JP]; Umeda Center Bldg., 2-4-12, Nakazaki-Nishi, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).

(72) SAKASHITA, Akihiko; c/o DAIKIN INDUSTRIES, LTD., Sakai Plant Kanaoka Factory, 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP).

(74) ONO, Yukio et al. / etc.; South Forest Bldg., 1-4-19, Minamimori-machi, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).

(81) KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> F24F 1/01, 11/04, 13/072, 13/12

(11) WO 03/027577 (13) A1

(21) PCT/FI02/00751

(22) 20 Sep/sep 2002 (20.09.2002)

(25) fi (26) en

(30) 20011896 27 Sep/sep 2001 FI  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SUPPLY AIR TERMINAL DEVICE

• BOUCHE DE SOUFFLAGE

(71) HALTON OY [FI/FI]; Haltonintie 1-3, FIN-47400 Kausala (FI).

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

(72, 75) VILLIKKA, Reijo [FI/FI]; Aallontie 3a, FIN-47400 Kausala (FI). VIRTA, Maija [FI/FI]; Vanhamäki 10, FIN-49400 Hamina (FI). ULMANEN, Heimo [FI/FI]; Hakotie 2 as 6, FIN-47400 Kausala (FI).

(74) FORSSÉN &amp; SALOMAA OY; Eerikinkatu 2, FIN-00100 Helsinki (FI).

(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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F24F 5/00

(11) WO 03/027578 (13) A1

(21) PCT/JP02/09126

(22) 6 Sep/sep 2002 (06.09.2002)

(25) ja (26) ja

(30) 2001-289812 21 Sep/sep 2001 JP  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • OUTDOOR UNIT OF AIR CONDITIONER

• CLIMATISEUR EXTERIEUR

(71) TOSHIBA CARRIER CORPORATION [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

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

(72, 75) YAMANE, Hiromasa [JP/JP]; 3180-1, Mannoharashinden, Fujinomiya-shi, Shizuoka 418-0001 (JP). KODANI, Koichi [JP/JP]; 912-7, Matsuoka, Fuji-shi, Shizuoka 416-0909 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE &amp; SUZUYE, 7-2, 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 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F24F 11/02, G06F 9/06

(11) WO 03/027579 (13) A1

(21) PCT/JP02/09785

(22) 24 Sep/sep 2002 (24.09.2002)

(25) ja (26) ja

(30) 2001-291667 25 Sep/sep 2001 JP  
(25.09.2001)



- (30) 2001-291665 **25 Sep/sep 2001** JP  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FUNCTION SWITCHING METHOD, FUNCTION SWITCHING APPARATUS, DATA STORAGE METHOD, DATA STORAGE APPARATUS, DEVICE, AND AIR CONDITIONER
- PROCEDE DE COMMUTATION DE FONCTION, APPAREIL DE COMMUTATION DE FONCTION, PROCEDE DE STOCKAGE DE DONNEES, APPAREIL DE STOCKAGE DE DONNEES, DISPOSITIF ET CONDITIONNEUR D'AIR
- (71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda center Bldg., 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka 530-8323 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **USHIO, Toshinori** [JP/JP]; 273-2, Handaiji-cho, Sakai-shi, Osaka 599-8267 (JP). **YOSHISAKA, Keiichi** [JP/JP]; c/o Kanaoka Factory, Sakai-Plant, Daikin Industries, Ltd., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP). **YAMAMOTO, Mitsuhiro** [JP/JP]; c/o Kanaoka Factory, Sakai-Plant, Daikin Industries, Ltd., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP). **YOKOI, Masaaki** [JP/JP]; c/o Kanaoka Factory, Sakai-Plant, Daikin Industries, Ltd., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP).
- (74) **YOSHIDA, Shigeaki** et al. / etc.; 10th Floor, Sumitomo-seimei OBP Plaza Bldg., 4-70, 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 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F24H 9/00**
- (11) **WO 03/027580** (13) A1
- (21) PCT/GB02/04321
- (22) **23 Sep/sep 2002 (23.09.2002)**
- (25) en (26) en
- (30) 0122856.8 **22 Sep/sep 2001** GB  
(22.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • LIQUID HEATING APPARATUS
- DISPOSITIF DE CHAUFFAGE DE LIQUIDE
- (71) **IMI VISION LIMITED** [GB/GB]; Tything Road, Alcester, Warwickshire B49 6EU (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOULDER, Steven** [GB/GB]; 21 Jubilee Avenue, Headless Cross, Redditch, Worcestershire B97 5HB (GB).
- (74) **BARKER, Brettell**; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F25B**
- (11) **WO 03/027581** (13) A2
- (21) PCT/US02/29247
- (22) **16 Sep/sep 2002 (16.09.2002)**
- (25) en (26) en
- (30) 09/963,035 **26 Sep/sep 2001** US  
(26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • A PROCESS AND APPARATUS FOR PURIFYING HYDROGEN BROMIDE
- PROCEDE ET APPAREIL DE PURIFICATION DE BROMURE D'HYDROGENE
- (71) **PRAXAIR TECHNOLOGY, INC.** [US/US]; 39 Old Ridgebury Road, Danbury, CT 06810-5113 (US).
- (72) **HOLMER, Arthur, Edward**; 32 Crystal Lake road, Rensselaerville, NY 12147 (US). **NATWORA, James, Philip, Jr.**; 8594 Highland Drive, Eden, NY 14057 (US). **SALIM, Sateria**; 1564 Meadow Ridge Circle, San Jose, CA 95131 (US).
- (74) **FOLLETT, Robert, J.** et al. / etc.; Praxair Inc., 39 Old Ridgebury Road, Danbury, CT 06810-5113 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F25B 13/00, 41/04, F16K 31/06**
- (11) **WO 03/027583** (13) A1
- (21) PCT/JP02/09848
- (22) **25 Sep/sep 2002 (25.09.2002)**
- (25) ja (26) ja
- (30) 2001/293885 **26 Sep/sep 2001** JP  
(26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SOLENOID VALVE CONTROL DEVICE AND AIR CONDITIONER PROVIDED WITH SOLENOID VALVE CONTROL DEVICE
- DISPOSITIF DE COMMANDE D'ELECTROVALVE ET CLIMATISEUR COMPRENANT UN TEL DISPOSITIF
- (71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP). **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) **MARUMO, Toshio** [JP/JP]; 12-18, Nomura 4-chome, Kusatsu-shi, Shiga 525-0027 (JP). **YABUKI, Toshio** [JP/JP]; c/o Shiga-seisakusho of DAIKIN INDUSTRIES, LTD., 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-0044 (JP). **TOSHA, Teruo** [JP/JP]; 9-39, Ishiyamadera 5-chome, Otsu-shi, Shiga 520-0861 (JP). **MIZUTANI, Kazumi** [JP/JP]; 13-9, Hiyoshidai 2-chome, Otsu-shi, Shiga 520-0112 (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) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> F25B 41/06

(11) WO 03/027584 (13) A1

(21) PCT/JP02/09846

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001/290625 25 Sep/sep 2001 JP (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AIR CONDITIONER

• CLIMATISEUR

(71) DAIKIN INDUSTRIES, LTD. [JP/JP]; Umeda Center Building, 4-12, Nakazakinishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).

(72) KOUNO, Shigetomi; c/o Shiga-seisakusho of DAIKIN INDUSTRIES, LTD., 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-0044 (JP). NISHIURA, Yoshihiro; c/o Shiga-seisakusho of DAIKIN INDUSTRIES, LTD., 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-0044 (JP).

(74) AOYAMA, Tamotsu et al. / etc.; AOYAMA &amp; PARTNERS, IMP Building, 3-7, Shiro-romi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AU CN KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F25B 43/00

(11) WO 03/027585 (13) A1

(21) PCT/US02/27496

(22) 28 Aug/août 2002 (28.08.2002)

(25) en (26) en

(30) 09/964,146 25 Sep/sep 2001 US (25.09.2001)

(30) 10/211,204 2 Aug/août 2002 US (02.08.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEEP CYCLE HEATING AND COOLING APPARATUS AND PROCESS

• APPAREIL CRYOGENIQUES DE CHAUFFAGE ET RAFRAICHISSEMENT DE LOCAUX

(71, 72) ALDEN, Ray, M. [US/US]; 808 Lake Brandon Trail, Raleigh, NC 27610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 IE IT LU MC NL

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

(51)<sup>7</sup> F25B 43/02, F16K 17/04, F16T 1/14 // F16K 17/08

(11) WO 03/027586 (13) A1

(21) PCT/DK02/00636

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) PA 2001 01407 26 Sep/sep 2001 DK (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LIQUID PURGER

• PURGEUR DE LIQUIDE

(71) YORK REFRIGERATION APS [DK/DK]; Christian X's Vej 201, DK-8270 Højbjerg (DK).

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

(72, 75) HANSEN, Torben, Pilsgaard [DK/DK]; Jarlsmindevej 40, DK-8260 Viby J (DK).

(74) PATRADE A/S; Fredens Torv 3A, DK-8000 Århus 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F25B 49/02, 1/00, F25D 11/00

(11) WO 03/027587 (13) A1

(21) PCT/JP02/09615

(22) 19 Sep/sep 2002 (19.09.2002)

(25) ja (26) ja

(30) 2001-285605 19 Sep/sep 2001 JP (19.09.2001)

(30) 2001-295387 27 Sep/sep 2001 JP (27.09.2001)

(30) 2002-10817 18 Jan/jan 2002 JP (18.01.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • REFRIGERATOR-FREEZER, CONTROLLER OF REFRIGERATOR-FREEZER, AND METHOD FOR DETERMINATION OF LEAKAGE OF REFRIGERANT

• REFRIGERATEUR-CONGELATEUR, CONTROLEUR POUR REFRIGERATEUR-CONGELATEUR, ET PROCÉDE DE DETERMINATION DE FUITE DE REFRIGERANT

(71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

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

(72, 75) NONAKA, Hikaru [JP/JP]; c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). SAKUMA, Tsutomu [JP/JP]; c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). HORIE, Munehiro [JP/JP]; c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). UENOYAMA, Yoshihiko [JP/JP]; c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). HASHIMOTO, Shoji [JP/JP]; c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). HIRAI, Shinji [JP/JP]; c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). YAMAMOTO, Ryousuke [JP/JP]; c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). SUMIHIRO, Katsushi [JP/JP]; c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

(74) MIYOSHI, Hidekazu; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR US VN.

(84) EP (DE FR GB IT).

Published / Publiée : (c)

(51)<sup>7</sup> F25D 3/08, 11/00, 3/10, F25B 21/00, F17C 13/00, B65B 63/08, C09K 5/00

(11) WO 03/027588 (13) A1

(21) PCT/US02/30305

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 09/960,950 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A METHOD FOR USE OF LATENT HEAT TO MAINTAIN SELECTABLE COLD STORAGE TEMPERATURES

• PROCÉDE D'UTILISATION DE CHALEUR LATENTE POUR MAINTENIR DES TEMPERATURES D'ENTREPOSAGE FRIGORIFIQUE SELECTIONNABLES

(71, 72) ALLEN, Thomas, F. [US/CA]; 155 Gibson Road, RR#2, Westport, ON K0G 1X0 (CA). KUKAL, Olga [CA/CA]; 155 Gibson Road, RR#2, Westport, ON K0G 1X0 (CA).

(74) UNGERMAN, Mark et al. / etc.; Fulbright &amp; Jaworski LLP, 801 Pennsylvania Avenue, N.W., Washington, DC 20004-2623 (US).

(81) CA JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> F25D 17/02, A61F 7/00

(11) WO 03/027589 (13) A1

(21) PCT/US02/30062

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 09/965,560 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HEATING/COOLING SYSTEM FOR INDWELLING HEAT EXCHANGE CATHETER

- SYSTEME DE CHAUFFAGE/REFROIDISSEMENT POUR CATHETER A DEMEURE A ECHANGE THERMIQUE

(71) ALSIUS CORPORATION [US/US]; Suite 150, 15770 Laguna Canyon Road, Irvine, Ca 92618 (US).

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

(72, 75) WHITEBOOK, Mark [—/—]; 34661 Calle Rosita, Capistrano Beach, CA 92624 (US). NODA, Wayne, Arthur [—/—]; 28072 Paseo Rincon, Mission Viejo, CA 92692 (US). WINTER, Suzanne, C. [—/—]; 19 Via Terracaleta, Coto de Caza, CA 92679 (US). NASH, Sean [—/—]; 18 Vista La Cuesta, Rancho Santa Margarita, CA 92688 (US). JENKINS, Dan [—/—]; 230 Lincoln Avenue, Pomona, CA 91767 (US).

(74) ROGITZ, John, L.; Rogitz &amp; Associates, Suite 3120, 750 B Street, San Diego, CA 92101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F26B 3/347, 11/04, 5/04

(11) WO 03/027590 (13) A2

(21) PCT/DE02/02915

(22) 8 Aug/août 2002 (08.08.2002)

(25) de (26) de

(30) 101 42 764.6 31 Aug/août 2001 DE (31.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND DEVICE FOR DRYING PHARMACEUTICAL GRANULATES, PELLETS OR SIMILAR

- PROCEDE ET DISPOSITIF POUR LE SECHAGE DE GRANULES, PASTILLES OU PRODUITS PHARMACEUTIQUES SIMILAIRES

(71) L.B. BOHLE PHARMATECHNIK GMBH [DE/DE]; Industriestrasse 18, 59320 Ennigerloh (DE).

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

(72, 75) BOHLE, Lorenz, Bernhard [DE/DE]; Industriestrasse 18, 59320 Ennigerloh (DE).

(74) HABEL &amp; HABEL; Am Kanonengraben 11, 48151 Münster (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F27D 21/00, B22D 46/00, F27B 14/20, G01K 11/32, G02B 6/22, 6/16

(11) WO 03/027591 (13) A1

(21) PCT/DE02/03025

(22) 20 Aug/août 2002 (20.08.2002)

(25) de (26) de

(30) 101 41 771.3 29 Aug/août 2001 DE (29.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE FOR CONTROLLING LINING WEAR IN METAL VESSELS  
• DISPOSITIF DE CONTROLE DE L'USURE DU REVETEMENT DE RECIPIENTS METALLURGIQUES

(71) OTTO JUNKER GMBH [DE/DE]; Jägerhausstrasse 22, 52152 Simmerath (DE).

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

(72, 75) DAPPEN, Stefan [DE/DE]; Auf der Ell 12, 52078 Aachen (DE).

(74) KÖNIG, Werner, E. et al. / etc.; König &amp; Kollegen, Kackertstrasse 10, 52072 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F28D 20/00

(11) WO 03/027592 (13) A1

(21) PCT/JP02/09835

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001-291050 25 Sep/sep 2001 JP (25.09.2001)

(30) 2002-035659 13 Feb/fév 2002 JP (13.02.2002)

(30) 2002-048335 25 Feb/fév 2002 JP (25.02.2002)

(30) 2002-143347 17 May/mai 2002 JP (17.05.2002)

(30) 2002-195827 4 Jul/juil 2002 JP (04.07.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HEAT ACCUMULATION UNIT AND METHOD OF MANUFACTURING THE UNIT

- UNITE D'ACCUMULATION DE CHALEUR ET PROCEDE PERMETTANT DE FABRIQUER CETTE UNITE

(71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).

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

(72, 75) KUDO, Tomohide [JP/JP]; c/o K.K. Hon-da Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

(74) SHIGA, Masatake et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).

(81) CA CN HU KR PL US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F28F 9/007

(11) WO 03/027593 (13) A1

(21) PCT/US02/30713

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/965,554 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • POST BRAZE HEAT EXCHANGER MOUNTING AND SUPPORT BRACKETS

- ARMATURES ET FIXATION D'ECHANGEUR DE CHALEUR APRES BRASAGE

(71) WOODWARD GOVERNOR CO. [US/US]; 1000 East Drake Road, P.O. Box 1519, Fort Collins, CO 80525 (US).

(72) KENT, Scott, Edward; 3806 Allen's Bridge Road, Albion, NY 14411-9308 (US). SOUTHWICK, David, A.; 64 Grasmere Rd., Lockport, NY 14094 (US).

(74) HEINISCH, Andrew, J.; Leydig, Voit &amp; Mayer, LTD, 6815 Weaver Road, Suite 300, Rockford, IL 61114 (US).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> F28F 9/02

(11) WO 03/027594 (13) A1

(21) PCT/JP02/09520

(22) 17 Sep/sep 2002 (17.09.2002)

(25) ja (26) ja

(30) 2001/289360 21 Sep/sep 2001 JP (21.09.2001)

(30) 2001/301837 28 Sep/sep 2001 JP (28.09.2001)

(30) 2001/333698 31 Oct/oct 2001 JP (31.10.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HEAT EXCHANGER  
• ECHANGEUR THERMIQUE
- (71) ZEXEL VALEO CLIMATE CONTROL CORPORATION [JP/JP]; 39, Aza-Higashihara, Oaza-sendai, Kohnan-machi, Oosato-gun, Saitama 360-0193 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KATO, Soichi [JP/JP]; c/o Zexel Valeo Climate Control Corporation, 39, Aza-Higashihara, Oaza-sendai, Kohnan-machi, Oosato-gun, Saitama 360-0193 (JP). YAMASHITA, Manabu [JP/JP]; c/o Zexel Valeo Climate Control Corporation, 39, Aza-Higashihara, Oaza-sendai, Kohnan-machi, Oosato-gun, Saitama 360-0193 (JP). MAKINO, Hideki [JP/JP]; c/o Zexel Valeo Climate Control Corporation, 39, Aza-Higashihara, Oaza-sendai, Kohnan-machi, Oosato-gun, Saitama 360-0193 (JP). MATSUZAKI, Yoshifumi [JP/JP]; c/o Zexel Valeo Climate Control Corporation, 39, Aza-Higashihara, Oaza-sendai, Kohnan-machi, Oosato-gun, Saitama 360-0193 (JP). SUGITA, Takashi [JP/JP]; c/o Zexel Valeo Climate Control Corporation, 39, Aza-Higashihara, Oaza-sendai, Kohnan-machi, Oosato-gun, Saitama 360-0193 (JP).
- (74) MORI, Masazumi; 9-10, Honcho 2-chome, Nakano-ku, Tokyo 164-0012 (JP).
- (81) JP US.
- (84) EP (DE FR).
- 
- (51)<sup>7</sup> F28F 21/02  
(11) WO 03/027595 (13) A2  
(21) PCT/EP02/10429  
(22) 17 Sep/sep 2002 (17.09.2002)  
(25) de (26) de  
(30) 101 46 699.4 21 Sep/sep 2001 DE (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HIGH-TEMPERATURE ACCUMULATOR  
• ACCUMULATEUR A TEMPERATURE ELEVEE
- (71, 72) FOPPE, Werner [DE/DE]; Siegstrasse 12, 52511 Geilenkirchen (DE).
- (74) COHAUSZ DAWIDOWICZ HANNIG & PARTNER; Schumannstrasse 97-99, 40237 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> F28F 21/06  
(11) WO 03/027596 (13) A1  
(21) PCT/US02/30870  
(22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en  
(30) 60/325,222 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HEAT EXCHANGER BARRIER RIBBON WITH POLYMERIC TUBES  
• RUBAN BARRIERE ECHANGEUR DE CHALEUR A TUBES DE POLYMERE
- (71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
- (72) BERGEVIN, Kevin; 893 Everitt Avenue, Kingston, Ontario K7M 4R1 (CA).
- (74) HAMBY, William, H.; E.I. Dupont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F41C 33/02, A45F 5/00  
(11) WO 03/027597 (13) A1  
(21) PCT/US02/30832  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) en (26) en  
(30) 09/965,173 27 Sep/sep 2001 US (27.09.2001)  
(30) 09/994,196 26 Nov/nov 2001 US (26.11.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HOLDING DEVICE THAT FITS INTO POCKETS  
• DISPOSITIF DE MAINTIEN POUR INTERIEUR DE POCHE
- (71, 72) SELLARS, Christopher [US/US]; 35 Birch Lane, Manhasset, NY 11030 (US).
- (74) COLLARD & ROE, P.C. et al. / etc.; 1077 Northern Blvd, Roslyn, NY 11576 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> F41F 3/04  
(11) WO 03/027598 (13) A1  
(21) PCT/US02/29670
- (22) 20 Sep/sep 2002 (20.09.2002)  
(25) en (26) en  
(30) 09/960,814 21 Sep/sep 2001 US (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CONVERTIBLE MULTIPURPOSE MISSILE LAUNCHER  
• LANCE-MISSILES POLYVALENT TRANSFORMABLE
- (71) RAYTHEON COMPANY [US/US]; A Corporation of the State of Delaware, 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US).
- (72) PLUMMER, Brady, A.; 9699 Wickland Court, Fishers, IN 46038 (US). BAILEY, Robert, A.; 6313 Turnbridge Drive, Avon, IN 46123 (US). NICODEMUS, Carl, P.; 8932 Skippers Way, Indianapolis, IN 46256 (US).
- (74) SCHUBERT, William, C.; Raytheon Company, 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US) et al. / etc.
- (81) CA IL NO SG TR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> F41G 7/00, 7/22  
(11) WO 03/027599 (13) A1  
(21) PCT/FR02/03240  
(22) 23 Sep/sep 2002 (23.09.2002)  
(25) fr (26) fr  
(30) 01/12330 25 Sep/sep 2001 FR (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR GUIDING A ROCKET  
• PROCEDE DE GUIDAGE D'UNE ROQUETTE
- (71) SAGEM SA [FR/FR]; 27, rue Leblanc, F-75015 Paris (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BROEKAERT, Michel [FR/FR]; 39 bis, Chemin de la côte du Moulin, F-78620 L'Etang La Ville (FR).
- (74) BLOCH & ASSOCIES; 2, square de l'Avénue-du-Bois, F-75116 Paris (FR).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> F41H  
(11) WO 03/027600 (13) A2  
(21) PCT/US02/30649  
(22) 26 Sep/sep 2002 (26.09.2002)  
(25) en (26) en  
(30) 60/324,889 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PERSONAL BODY ARMOR  
• GILET PARE-BALLES
- (71) CRYE ASSOCIATES [US/US]; Building 275, Brooklyn Navy Yard, Brooklyn, NY 11205 (US).

(72) **CRYE, Caleb, Clark**; 260 Norman Avenue, Brooklyn, NY 11222 (US). **FEHLBERG, Eric, Owen**; Apt. 210, 35-15 75th Street, Queens, NY 11372 (US). **THOMPSON, Gregg, M.**; 171 14th Street #2, Brooklyn, NY 11215 (US).

(74) **STIENNON, Patrick, J., G.**; Lathrop & Clark LLP, Suite 400, 740 Regent Street, P.O. Box 1507, Madison, WI 53701-1507 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F42B 8/16, 12/34, 12/74

(11) WO 03/027601 (13) A1

(21) PCT/DE02/03467

(22) 17 Sep/sep 2002 (17.09.2002)

(25) de (26) de

(30) 101 46 796.6 22 Sep/sep 2001 DE (22.09.2001)

(30) 102 39 918.2 30 Aug/août 2002 DE (30.08.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMPLETE DESTRUCTION SHELL  
• OBUS A DESTRUCTION COMPLETE

(71) **DYNAMIT NOBEL AMMOTEC GMBH** [DE/DE]; Kronacher Strasse 63, 90765 Fürth (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MUSKAT, Erich** [DE/DE]; Brunnbachstrasse 36, 91154 Roth (DE). **RIESS, Heinz** [DE/DE]; Wiesengrundstrasse 20, 90765 Fürth (DE).

(74) **UPPENNA, Franz et al.** / etc.; Dynamit Nobel Aktiengesellschaft, Patente, Marken & Lizenzen, Kaiserstrasse 1, 53840 Troisdorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F42B 8/16, 12/34, 12/74

(11) WO 03/027602 (13) A1

(21) PCT/DE02/03523

(22) 18 Sep/sep 2002 (18.09.2002)

(25) de (26) de

(30) 101 46 797.4 22 Sep/sep 2001 DE (22.09.2001)

(30) 102 39 910.7 30 Aug/août 2002 DE (30.08.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DISINTEGRATING HUNTING BULLET  
• BALLE DE CHASSE À DISPERSION

(71) **DYNAMIT NOBEL AMMOTEC GMBH** [DE/DE]; Kronacher Strasse 63, 90765 Fürth (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MUSKAT, Erich** [DE/DE]; Brunnbachstrasse 36, 91154 Roth (DE). **RIESS, Heinz** [DE/DE]; Wiesengrundstrasse 20, 90765 Fürth (DE). **HADLER, Andreas** [DE/DE]; Albrecht-Achilles-Strasse 4, 90579 Langenzenn (DE). **ZEIHER, Erich** [DE/DE]; Carlo-Schmid-Strasse 3, 90765 Fürth (DE).

(74) **UPPENNA, Franz et al.** / etc.; Dynamit Nobel Aktiengesellschaft, - Patente, Marken & Lizenzen -, Kaiserstrasse 1, 53840 Troisdorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F42B 14/02

(11) WO 03/027603 (13) A1

(21) PCT/GB02/04176

(22) 16 Sep/sep 2002 (16.09.2002)

(25) en (26) en

(30) 0123637.1 24 Sep/sep 2001 GB (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MUNITION LOADING DEVICE  
• DISPOSITIF DE CHARGEMENT DE MUNITIONS

(71) **QINETIQ LIMITED** [GB/GB]; 85 Buckingham Gate, London SW1E 6PD (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TILLING, John** [GB/GB]; QinetiQ Fort Halstead, Fort Halstead, Sevenoaks, Kent TN14 7BP (GB). **SMITH, Stephen, George, Gladwell** [GB/GB]; QinetiQ Fort Halstead, Fort Halstead, Sevenoaks, Kent TN14 7BP (GB). **SUTTON, Peter** [GB/GB]; QinetiQ Fort Halstead, Fort Halstead, Sevenoaks, Kent TN14 7BP (GB). **SUTTON, Stephen, Richard** [GB/GB]; QinetiQ Fort Halstead,

Fort Halstead, Sevenoaks, Kent TN14 7BP (GB).

(74) **FARRAR, Chris**; IP QinetiQ 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

(51)<sup>7</sup> G01B

(11) WO 03/027604 (13) A2

(21) PCT/DE02/03526

(22) 20 Sep/sep 2002 (20.09.2002)

(25) de (26) de

(30) 101 46 713.3 21 Sep/sep 2001 DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR MEASURING LARGE COMPONENTS, ESPECIALLY THE BODY OF RAIL CARS  
• PROCEDE PERMETTANT DE MESURER DES COMPOSANTS DE DIMENSIONS ELEVEES, EN PARTICULIER LA CARROSSERIE DE VEHICULES SUR RAILS

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BOHEIM, Willi-Fred** [DE/DE]; Heinestrasse 38, 15827 Dahlewitz (DE). **LASCHET, Udo** [DE/DE]; Mörtelsweg 13, 41748 Vierns (DE). **RELLER, Horst** [DE/DE]; Mühlenfeldweg 7, 52531 Übach-Palenberg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CA CN HU JP RU US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :  
*(s) for the following designations / pour les désignations suivantes : CA CN HU JP RU EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)*  
*(u) for / pour US only / seulement*

(51)<sup>7</sup> G01B 7/00

(11) WO 03/027606 (13) A1

(21) PCT/KR01/00993

(22) 11 Jun/juin 2001 (11.06.2001)

(25) ko (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • THERMO ELECTRIC CURRENT NON-CONTACT TYPE TWO CHANNEL ROTATING POSITIONING SENSOR

- CAPTEUR DE POSITIONNEMENT ROTATIF A DEUX CANAUX DE TYPE SANS CONTACT CONSOMMANT DU COURANT THERMOELECTRIQUE

(71) CONTROL & MEASUREMENT SYSTEMS CO., LTD. [KR/KR]; 268-14, Dugpo-2dong, Sasang-ku, Pusan 617-042 (KR).

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

(72, 75) LEE, Hyo-Moon [KR/KR]; Dongwon Apt. 103-2003, 94-1, Nakim-dong, Dongrae-ku, Pusan 607-040 (KR).

(74) LEE, Joong-Seop; 1Ga-4, Bumin-dong, Seo-ku, Pusan 602-071 (KR).

(81) AE AG AL AU BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EE GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MX MZ NO NZ PL RO SG SI SK SL TR TZ UA US UZ VN YU ZA 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)<sup>7</sup> G01B 7/14, B02C 7/14, D21D 1/30

(11) WO 03/027607 (13) A1

(21) PCT/SE02/01734

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 0103199-6 26 Sep/sep 2001 SE (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TRANSDUCER FOR DISTANCE MEASUREMENT

- TRANSDUCTEUR PERMETTANT DE MESURER UNE DISTANCE

(71) DAPROX AB [SE/SE]; P O Box 120, S-127 23 Skärholmen (SE).

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

(72, 75) ÅKERBLOM, Bengt [SE/SE]; Värby Allé 23, S-143 40 Värby (SE). LÖFQVIST, Bengt [SE/SE]; Nathorstvägen 21 A, S-121 37 Johanneshov (SE).

(74) ALBIHNS STOCKHOLM AB; P O BOX 5581, Linnégatan 2, S-114 85 Stockholm (SE).

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

Published / Publiée : (a)

(51)<sup>7</sup> G01B 11/03

(11) WO 03/027608 (13) A1

(21) PCT/RU01/00398

(22) 28 Sep/sep 2001 (28.09.2001)

(25) ru (26) ru

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM FOR PROCESS CONTROL OF PARAMETERS OF ROTATING WORKPIECES

- SYSTEME DE CONTROLE TECHNOLOGIQUE DE PARAMETRES DE PIECES ROTATIVES

(71, 72) PLOTNIKOV, Sergei Vasilievich [RU/RU]; ul. Pirogova, 77, Novosibirsk-90, 630090 (RU). LADYGIN, Vladimir Ivanovich [RU/RU]; ul. Dobrovolcheskaya, 2-113, Novosibirsk-58, 630058 (RU). PASTUSHENKO, Aleksander Ivanovich [RU/RU]; ul. Tereshkovoi, 36-24, Novosibirsk-90, 630090 (RU).

(74) SKORY, Vadim Vitalievich; a/ya 21, Novosibirsk-97, 630097 (RU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL 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 TJ TM TR TT UA UG US UZ VN.

(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 GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01B 11/06, H01L 21/66, G01N 21/95, 21/84

(11) WO 03/027609 (13) A1

(21) PCT/US02/30446

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/963,048 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IN-SITU FILM THICKNESS MEASUREMENT USING SPECTRAL INTERFERENCE AT GRAZING INCIDENCE

- MESURE IN SITU DE L'ÉPAISSEUR D'UN FILM PAR INTERFÉRENCE SPECTRALE EN INCIDENCE RA-SANTE

(71) APPLIED MATERIALS, INC. [US/US]; P.O. Box 450A, Santa Clara, CA 95054 (US).

(72) GOEBEL, Andreas; 74 Kent Place Blvd., #5, Summit, NJ 07901 (US). SARFATY, Moshe; 10203 Parkwood Drive, Cupertino, CA 95014 (US). RAOUX, Sebastian; 3118 18th Street, #4, San Francisco, CA 94110 (US).

(74) KUSHA, Babak et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111 (US).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> G01C 15/00, G01D 11/24, G01S 7/481

(11) WO 03/027610 (13) A1

(21) PCT/DE02/02093

(22) 8 Jun/juin 2002 (08.06.2002)

(25) de (26) de

(30) 101 42 166.4 29 Aug/août 2001 DE (29.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MANUAL APPLIANCE FOR CONTACTLESS DISTANCE MEASUREMENT

- APPAREIL MANUEL DE MESURE SANS CONTACT D'ECARTEMENTS

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 20 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).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> G01C 21/00

(11) WO 03/027611 (13) A2

(21) PCT/DE02/03001

(22) 16 Aug/août 2002 (16.08.2002)

(25) de (26) de

(30) 101 46 098.8 19 Sep/sep 2001 DE (19.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR DETERMINING AND STORING SUPPLEMENTARY DIGITISED ROUTE INFORMATION AND CORRESPONDING NAVIGATION SYSTEM

- PROCÉDE PERMETTANT D'ENREGISTRER ET DE MEMORISER DES DONNÉES D'ITINÉRAIRE NUMÉRIQUES COMPLÉMENTAIRES ET SYSTÈME DE NAVIGATION CORRESPONDANT

(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) SCHMIDT, Heinrich [DE/DE]; An Der Beuster 5 B, 31199 Dieckholzen (DE). HOEVELING, Joerg [DE/DE]; Auf der Lade 13, 31180 Giesen (DE). HOFFMANN, Ralf [DE/DE]; Von-Kettler-Strasse 3, 31137 Hildesheim (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G01C 21/34

(11) WO 03/027612 (13) A1

(21) PCT/DE02/02997

(22) 16 Aug/août 2002 (16.08.2002)

(25) de (26) de

(30) 101 45 299.3 14 Sep/sep 2001 DE (14.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR THE AUTOMATIC CALCULATION OF OPTIMUM ROUTES

• PROCEDE DE CALCUL AUTOMATIQUE D'ITINERAIRES OPTIMAUX

(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) MUELLER, Guido [DE/DE]; Käthe-Kollwitz-Strasse 23, 06484 Quedlinburg (DE). HOELING, Holger [DE/DE]; Sertuerner Strasse 3a, 30559 Hannover (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> G01D 5/20, 3/028

(11) WO 03/027613 (13) A1

(21) PCT/DE02/03507

(22) 19 Sep/sep 2002 (19.09.2002)

(25) de (26) de

(30) 101 46 287.5 19 Sep/sep 2001 DE (19.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CIRCUIT FOR MEASURING DISTANCES TRAVELLED

• CIRCUIT POUR MESURER DES DISTANCES PARCOURUES

(71) MICRO-EPSILON MESSTECHNIK GMBH & CO. KG [DE/DE]; Königsbacher Strasse 15, 94496 Ortenburg (DE).

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

(72, 75) KLEINE, Ulrich [DE/DE]; Steigerweg 5, 38350 Helmstedt (DE). ROEWER, Falk [DE/DE]; Kleiststrasse 4, 39108 Magdeburg (DE). SALZWEDEL, Klaus [DE/DE]; Kroatenweg 31, 39116 Magdeburg (DE). MEDNIKOV, Felix [RU/DE]; Vorderhainberg 9, 94496 Ortenburg (DE). SELLEN, Martin [DE/DE]; Moosham 17, 94496 Ortenburg (DE).

(74) ULLRICH & NAUMANN; Luisenstrasse 14, 69115 Heidelberg (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> G01F 1/58

(11) WO 03/027614 (13) A1

(21) PCT/JP02/09679

(22) 20 Sep/sep 2002 (20.09.2002)

(25) ja (26) ja

(30) 2001-286557 20 Sep/sep 2001 JP (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ELECTROMAGNETIC FLOWMETER

• FLUXMETRE ELECTROMAGNETIQUE

(71) YAMATAKE CORPORATION [JP/JP]; 12-19, Shibuya 2-chome, Shibuya-ku, Tokyo 150-8316 (JP).

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

(72, 75) YAMAMOTO, Tomoshige [JP/JP]; c/o YAMATAKE CORPORATION, 12-19, Shibuya 2-chome, Shibuya-ku, Tokyo 150-8316 (JP).

(74) YAMAKAWA, Masaki; c/o Yamakawa International Patent Office, 8th Floor, Shuwa-Tameike Building, 4-2, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-0014 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01F 1/684, 5/00

(11) WO 03/027615 (13) A1

(21) PCT/DE02/03013

(22) 16 Aug/août 2002 (16.08.2002)

(25) de (26) de

(30) 101 41 909.0 28 Aug/août 2001 DE (28.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AIR MASS FLOWMETER WITH CONTROLLED FLOW SEPARATION POSITION

• DISPOSITIF DE MESURE DU DEBIT MASSIQUE DE L'AIR A POSITION CONTROLEE DU DECOLLEMENT DE L'ECOULEMENT

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) PESAH, Stefan [DE/DE]; Peter-Konrad-Strasse 27, 93342 Saal A.D. Donau (DE). STEUBER, Frank [DE/DE]; Benzstrasse 5, 93077 Bad Abbach (DE). WILDGEN, Andreas [DE/DE]; Am Grund 7, 93152 Nittendorf (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) KR US.

Declarations / Déclarations :

(s) for the following designation / pour la désignation suivante : KR

(u) for / pour US only / seulement

(51)<sup>7</sup> G01F 1/84

(11) WO 03/027616 (13) A1

(21) PCT/EP02/10427

(22) 17 Sep/sep 2002 (17.09.2002)

(25) de (26) de

(30) 01122801.2 21 Sep/sep 2001 EP (21.09.2001)

(30) 01125774.8 29 Oct/oct 2001 EP (29.10.2001)

(30) 60/364,089 15 Mar/mar 2002 US (15.03.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • VIBRATION-TYPE MEASURING SENSOR

• CAPTEUR DE MESURE DE TYPE VIBRATOIRE

(71) ENDRESS + HAUSER FLOWTEC AG [CH/CH]; Kägenstrasse 7, CH-4153 Reinach (CH).

(72) ANKLIN, Martin; Sternenhofweg 7, CH-4147 Aesch (CH). WENGER, Alfred; Schulstrasse 170, CH-8413 Neftenbach (CH).

(74) ANDRES, Angelika; Endress + Hauser Deutschland Holding GmbH, PatServe, Colmarer Strasse 6, 79576 Weil am Rhein (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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) 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).

(51)<sup>7</sup> G01G 15/00

(11) WO 03/027617 (13) A1

(21) PCT/GB02/04286

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 0122938.4 24 Sep/sep 2001 GB (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE FOR LOADING AND UNLOADING A WEIGHSCALE

• DISPOSITIF PERMETTANT DE CHARGER ET DE DECHARGER UNE BASCULE

(71) MERIDICA LIMITED [GB/GB]; Cambridge Technology Centre, Melbourn, Hertfordshire SG8 6DQ (GB).

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

(72, 75) MACMICHAEL, Donald, Bruce, Atherton [GB/GB]; 149 Arlesey Road, Ickleford, Herts SG5 3TL (GB). OPIE, William, Robert, Charles [GB/GB]; 33 Burrows Road, Earls Colne, Colchester, Essex CO6 7RZ (GB). BRYANT, Simon, Mark [GB/GB]; 8 Bayford Close, Hertford, Herts SG13 8HW (GB). GILL, Imogen [GB/GB]; North Farm House, Long Lane, Fowlmere, Nr. Royston, Herts SG8 7TG (GB).

(74) JENKINS, Peter, David et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G01G 21/00, G08G 1/005  
 (11) WO 03/027618 (13) A1  
 (21) PCT/JP02/09346  
 (22) 12 Sep/sep 2002 (12.09.2002)  
 (25) ja (26) ja  
 (30) 2001-286826 20 Sep/sep 2001 JP (20.09.2001)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • GUIDE SYSTEM, GUIDE APPARATUS, AND RADIO APPARATUS WHICH COMMUNICATES WITH GUIDE APPARATUS  
 • SYSTEME DE GUIDAGE, APPAREIL DE GUIDAGE ET APPAREIL RADIO QUI COMMUNIQUE AVEC L'APPAREIL DE GUIDAGE  
 (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) SUGAHARA, Masato [JP/JP]; 1-10-B-102, Kamihoshikawa, Hodogaya-ku, Yokohama-shi, Kanagawa 240-0042 (JP). UNO, Yoshinobu [JP/JP]; 5-6-2-1303, Kitayamada, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0021 (JP).  
 (74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).  
 (81) JP US.  
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> G01J  
 (11) WO 03/027619 (13) A2  
 (21) PCT/US02/29766  
 (22) 19 Sep/sep 2002 (19.09.2002)  
 (25) en (26) en  
 (30) 60/323,981 21 Sep/sep 2001 US (21.09.2001)  
 (30) 10/245,922 18 Sep/sep 2002 US (18.09.2002)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • DEVICES AND METHODS FOR VERIFYING MEASUREMENT OF ANALYTES BY RAMAN SPECTROSCOPY AND SURFACE PLASMON RESONANCE  
 • DISPOSITIFS ET PROCÉDES POUR VÉRIFIER LA MESURE D'ANALYTES A L'AIDE DE LA SPECTROMÉTRIE RAMAN ET DE LA RÉSONANCE PLASMONIQUE DE SURFACE  
 (71) ARRAY BIOSCIENCE CORPORATION [US/US]; 4703 Tidewater Avenue, Suite F, Oakland, CA 94601 (US).  
 (72) KREIMER, David, I.; 1841 Dwight Way, Berkeley, CA 94703 (US). YEVIN, Oleg, A.; 1364 Creekside Drive, Apartment 204, Walnut Creek, CA 94596 (US).  
 (74) MEYER, Sheldon, R. et al. / etc.; Fliesler Dubb Meyer and Lovejoy LLP, Four Embarcadero Center, Suite 400, San Francisco, CA 94111-4156 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01J 1/42, G01K 17/00  
 (11) WO 03/027620 (13) A1  
 (21) PCT/IB02/03954  
 (22) 25 Sep/sep 2002 (25.09.2002)  
 (25) en (26) en  
 (30) 2001/7866 25 Sep/sep 2001 ZA (25.09.2001)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • A METHOD OF MEASURING THE POWER OF A LIGHT BEAM  
 • PROCÉDE DESTINE A MESURER LA PUISSANCE D'UN FAISCEAU LUMINEUX  
 (71) ELEMENT SIX B.V. [NL/NL]; Beversestraat 20, NL-5431SH Cuijk (NL). (for all designated States except / pour tous les États désignés sauf US)  
 (71) GILSON, David, Grant [ZA/ZA]; Rochester Place, 173 Rivonia Road, 2057 Morningside (ZA). (only for / seulement pour MW)  
 (72, 75) GODFRIED, Herman, Philip [NL/NL]; Dalkruid 12, NL-7491 LL Deldren (NL). VAN OERLE, Bartholomeus, Mathias [NL/NL]; Stieltjesstraat 35, NL-6511 AJ Nijmegen (NL).  
 (74) GILSON, David, Grant et al. / etc.; Spoor and Fisher, PO Box 41312, 2024 Craighall (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)  
 (51)<sup>7</sup> G01J 9/00, G02B 26/06, H01S 3/10  
 (11) WO 03/027621 (13) A2  
 (21) PCT/US02/30764  
 (22) 26 Sep/sep 2002 (26.09.2002)  
 (25) en (26) en  
 (30) 09/965,929 28 Sep/sep 2001 US (28.09.2001)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • SYSTEM AND METHOD FOR EFFECTING HIGH-POWER BEAM CONTROL WITH OUTGOING WAVEFRONT CORRECTION UTILIZING HOLOGRAPHIC SAMPLING AT PRIMARY MIRROR, PHASE CONJUGATION, AND ADAPTIVE OPTICS IN LOW POWER BEAM PATH  
 • SYSTEME ET PROCÉDE DE CONTRÔLE D'UN FAISCEAU DE GRANDE PUISSANCE AVEC CORRECTION PAR FRONT D'ONDE EN SORTIE PAR ÉCHANTILLONNAGE HOLOGRAPHIQUE AU NIVEAU DU MIROIR PRIMAIRE, CONJUGAISON DE PHASE, ET OPTIQUE ADAPTIVE SUR TRAJET DE FAISCEAU DE FAIBLE PUISSANCE  
 (71) RAYTHEON COMPANY [US/US]; 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US).  
 (72) BYREN, Robert, W.; 2001 Agnes Road, Manhattan Beach, CA 90266 (US). TRAFTON, Alvin, F.; 2100 Chestnut Avenue, Manhattan Beach, CA 90266 (US).  
 (74) RAUFER, Colin; Raytheon Company, 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US) et al. / etc.  
 (81) IL.  
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> G01K 13/02  
 (11) WO 03/027622 (13) A1  
 (21) PCT/US02/28244  
 (22) 5 Sep/sep 2002 (05.09.2002)  
 (25) en (26) en  
 (30) 09/960,594 21 Sep/sep 2001 US (21.09.2001)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • TOTAL AIR TEMPERATURE PROBE PROVIDING IMPROVED ANT-ICING PERFORMANCE AND REDUCED DE-ICING HEATER ERROR  
 • SONDÉ DE TEMPÉRATURE D'AIR DYNAMIQUE FOURNISSANT DES PERFORMANCES D'ANTIGIVRAGE AMÉLIORÉES ET DES ERREURS DE RECHAUFFEUR DE DEGIVRAGE RÉDUITES  
 (71) ROSEMOUNT AEROSPACE INC. [US/US]; 14300 Judicial Road, Burnsville, MN 55306-4898 (US).  
 (72) ICE, Paul, A.; 7219 131st Circle, Apple Valley, MN 55124 (US). WILLCOX, Charles, R.; 16128 Baywood Lane, Eden Prairie, MN 55346 (US).  
 (74) VELDHIJS-KROEZE, John 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK



MN MW MX MZ NO NZ PL PT RO RU SD  
SE SG SI SK SL TJ TM TR TT TZ UA UG  
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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01L 5/00, B41F 33/00, G01B 7/14

(11) WO 03/027623 (13) A1  
(21) PCT/SE02/01735

(22) 24 Sep/sep 2002 (24.09.2002)  
(25) en (26) en

(30) 0103156-6 24 Sep/sep 2001 SE  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ROLLER NIP GAUGE  
• JAUGE DE LIGNE DE CONTACT DE  
ROULEAUX

(71) CERVITROL AB [SE/SE]; Box 11015,  
S-220 11 Lund (SE).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) CRONVALL, Leif [SE/SE]; Södergatan  
5, S-227 30 Kivik (SE).

(74) STRÖM & GULLIKSSON IPC AB; P.O.  
Box 4188, S-203 13 Malmö (SE).

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

(51)<sup>7</sup> G01L 7/06, 7/08

(11) WO 03/027624 (13) A1  
(21) PCT/US02/17976

(22) 6 Jun/juin 2002 (06.06.2002)  
(25) en (26) en

(30) 09/963,775 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PRESSURE INDICATION DEVICE  
• DISPOSITIF INDICATEUR DE PRES-  
SION

(71) PERKINELMER, INC. [US/US]; 45  
William Street, Wellesley, MA 02481 (US).

(72) TRANTER, Brian, R.; 16 Graham Drive,  
High Wycombe HP12 4DX (GB).

(74) COLEMAN, Roy, J. et al. / etc.; Iandiorio  
& Teska, 260 Bear Hill Road, Waltham, MA  
02451-1018 (US).

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

RU SD SE SG SI 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 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).

(51)<sup>7</sup> G01L 9/00, 13/00, G01K 11/12, G01D  
5/26

(11) WO 03/027625 (13) A1  
(21) PCT/JP02/09550

(22) 18 Sep/sep 2002 (18.09.2002)  
(25) ja (26) ja

(30) 2001-287958 21 Sep/sep 2001 JP  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PHYSICAL QUANTITY MEASURING  
METHOD AND DEVICE THEREFOR  
• PROCEDE DE MESURE D'UNE GRAN-  
DEUR PHYSIQUE ET DISPOSITIF AS-  
SOCIE

(71) YAMATAKE CORPORATION [JP/JP];  
12-19, Shibuya 2-chome, Shibuya-ku, Tokyo  
150-8316 (JP).  
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les États désignés sauf US)*

(72, 75) KINUGASA, Seiichiro [JP/JP]; c/o  
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(JP). MIYAZAWA, Keiji [JP/JP]; c/o  
Yamatake Corporation, 12-19, Shibuya  
2-chome, Shibuya-ku, Tokyo 150-8316  
(JP). KUROIWA, Takaaki [JP/JP]; c/o  
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2-chome, Shibuya-ku, Tokyo 150-8316 (JP).

(74) OKADA, Mitsuyoshi; kaimei Patent Office,  
Sankyo Central Plaza Building 5F, 11-8,  
Nishi-Nippori 5-chome, Arakawa-ku, Tokyo  
116-0013 (JP).

(81) CN KR US.

(84) EP (DE FR GB IT NL).

(51)<sup>7</sup> G01M 3/36

(11) WO 03/027626 (13) A1  
(21) PCT/IT02/00571

(22) 6 Sep/sep 2002 (06.09.2002)  
(25) en (26) en

(30) MI2001A002009 27 Sep/sep 2001 IT  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PORTABLE SYSTEM FOR MEASUR-  
ING THE INTERNAL PRESSURE OF  
VACUUM INSULATING PANELS  
• SYSTEME PORTATIF POUVANT ME-  
Surer LA PRESSION INTERNE DE  
PANNEAUX ISOLANTS SOUS VIDE

(71) SAES GETTERS S.P.A. [IT/IT]; Viale  
Italia, 77, I-20020 Lainate (IT).  
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les États désignés sauf US)*

(72, 75) FERRARIO, Bruno [IT/IT]; Via Bar-  
bara Melzi, 152, I-20027 Rescaldina (IT).  
DI GREGORIO, Pierattilio [IT/IT]; Via  
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GIANNANTONIO, Roberto [IT/IT]; Via  
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POZZI, Raffaele [IT/IT]; Viale Sant'Aquilino, 13,

I-20039 Varedo (IT). GALLIANI, Gianluca  
[IT/IT]; Via Arganini, 25, I-20162 Milano  
(IT).

(74) ADORNO, Silvano; Società Italiana Brevetti  
S.p.A. Via Carducci, 8, I-20123 Milano (IT) et  
al. / etc.

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

(51)<sup>7</sup> G01M 7/00

(11) WO 03/027627 (13) A1  
(21) PCT/DE01/03503

(22) 12 Sep/sep 2001 (12.09.2001)  
(25) de (26) de

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND DEVICE FOR THE DI-  
AGNOSIS OF CHARACTERISTIC VI-  
BRATIONS IN A MECHATRONIC SYS-  
TEM

• PROCEDE ET DISPOSITIF DE DIAG-  
NOSTIC DES VIBRATIONS PROPRES  
D'UN SYSTEME MECATRONIQUE

(71) SIEMENS AKTIENGESSELLSCHAFT  
[DE/DE]; Wittelbacherplatz 2, 80333  
München (DE).  
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les États désignés sauf US)*

(72, 75) FLÖCK, Thomas [DE/DE]; Bergstrasse  
26, 91086 Aurachtal (DE). HAMANN, Jens  
[DE/DE]; Marie-Juchacz-Strasse 11, 90765  
Fürth (DE).

(74) SIEMENS AKTIENGESSELLSCHAFT;  
Postfach 22 16 34, 80506 München (DE).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR  
IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> G01M 7/08, G01N 3/30, G01B 3/48, B60N  
2/48

(11) WO 03/027628 (13) A1  
(21) PCT/SE02/01719

(22) 23 Sep/sep 2002 (23.09.2002)  
(25) en (26) en

(30) 0103163-2 24 Sep/sep 2001 SE  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS FOR TESTING A HEAD-  
REST  
• APPAREIL PERMETTANT DE TESTER  
UN APPUIE-TETE

(71, 72) BALTZER, Gunnar [SE/SE];  
Kolmårdsvägen 3, S-181 64 Lidingö (SE).

(74) BJERKÉNS PATENTBYRÅ KB, repre-  
sented by BERGLUND, Stefan et al. / etc.;  
Östermalmsgatan 58, S-114 50 Stockholm  
(SE).

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

(51)<sup>7</sup> G01M 17/007, G06F 11/273, G08C 17/02, G01R 31/00, G07C 5/00

(11) WO 03/027629 (13) A1

(21) PCT/DE02/02553

(22) 12 Jul/juil 2002 (12.07.2002)

(25) de (26) de

(30) 101 45 906.8 18 Sep/sep 2001 DE (18.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR CARRYING OUT A TELEDIAGNOSIS ON A MOTOR VEHICLE, VEHICLE DIAGNOSIS MODULE AND SERVICE CENTER

- PROCEDE DE REALISATION D'UN TELEDIAGNOSTIC SUR UN VEHICULE AUTOMOBILE, MODULE DE DIAGNOSTIC DE VEHICULE ET CENTRE DE SERVICES

(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) SONNENREIN, Thomas [DE/DE]; Georg-Schwemann-Strasse 16, 31167 Bockenheim (DE). LAEDKER, Michael [DE/DE]; Heinrich-Brauns-Weg 7b, 31134 Hildesheim (DE).

(81) JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G01N

(11) WO 03/027630 (13) A2

(21) PCT/DE02/03531

(22) 20 Sep/sep 2002 (20.09.2002)

(25) de (26) de

(30) 101 46 583.1 21 Sep/sep 2001 DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE AND METHOD FOR OPTICALLY SCANNING A SUBSTRATE DISK

- DISPOSITIF ET PROCEDE DE BALAYAGE OPTIQUE D'UN SUBSTRAT CIRCULAIRE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) GERHARD, Detlef [DE/DE]; Haniklstrasse 40, 81829 München (DE). LECHNER, Johannes [AT/DE]; Keuslinstrasse 6, 80798 München (DE). RIEGER, Detlef

[DE/DE]; Karwendelplatz 5, 85598 Baldham (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT 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)<sup>7</sup> G01N

(11) WO 03/027631 (13) A2

(21) PCT/US02/24660

(22) 2 Aug/août 2002 (02.08.2002)

(25) en (26) en

(30) 60/323,903 20 Sep/sep 2001 US (20.09.2001)

(30) 60/351,525 22 Jan/jan 2002 US (22.01.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MUSCLE SAMPLE PREPARED FOR PRION ASSAY

- ECHANTILLON DE MUSCLE PREPARE POUR UN ESSAI DE DETECTION DE PRIONS

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).

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(72, 75) PRUSINER, Stanley B. [US/US]; 2615 Divisadero Street, San Francisco, CA 94123 (US). BOSQUE, Patrick [US/US]; 1000 Judah Street #203, San Francisco, CA 94122 (US).

(74) BOZICEVIC, Karl; BOZICEVIC, FIELD & FRANCIS LLP, 200 Middlefield Road, Suite 200, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N

(11) WO 03/027632 (13) A2

(21) PCT/US02/25951

(22) 28 Aug/août 2002 (28.08.2002)

(25) en (26) en

(30) 09/961,407 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • USE OF ISOGENIC HUMAN CANCER CELLS FOR HIGH-THROUGHPUT SCREENING AND DRUG DISCOVERY

- UTILISATION DE CELLULES CANCEREUSES HUMAINES ISOGENIQUES AUX FINS DE CRIBLAGE A HAUTE CAPACITE ET DE SELECTION DE MEDICAMENTS

(71) THE JOHNS HOPKINS UNIVERSITY [US/US]; 111 Market Place, Suite 906, Baltimore, MD 21202 (US).

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

(72, 75) TORRANCE, Christopher, J. [GB/US]; 2107 Fairmont Avenue, Baltimore, MD 21231 (US). VOGELSTEIN, Bert [US/US]; 3700 Breton Way, Baltimore, MD 21208 (US). KINZLER, Kenneth, W. [US/US]; 1403 Halkirk Way, Bel Air, MD 21015 (US).

(74) HEMMENDINGER, Lisa, M.; Banner & Witcoff, Ltd., 1001 G Street, N.W., 11th floor, Washington, DC 20001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N

(11) WO 03/027633 (13) A2

(21) PCT/US02/30182

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/960,706 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IDENTIFYING DRUGS FOR AND DIAGNOSIS OF BENIGN PROSTATIC HYPERPLASIA USING GENE EXPRESSION PROFILES

- IDENTIFICATION DE MEDICAMENTS ET ETABLISSEMENT DE DIAGNOSTIC POUR L'HYPERPLASIE PROSTATIQUE BENIGNE, A BASE DE PROFILS D'EXPRESSION GENIQUE

(71) GENE LOGIC, INC. [US/US]; 708 Quince Orchard Road, Gaithersburg, MD 20878 (US). JAPAN TOBACCO, INC. [JP/JP]; 2-1, Toranomon 2-chome, Minato-ku, Tokyo 105-8422 (JP). UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION [US/US]; 200 Gardner Steel Conference Center, Thackeray & O'Hara Streets, Pittsburgh, PA 15260 (US).

(72) MUNGER, William, E.; c/o Gene Logic, Inc., 708 Quince Orchard Road, Gaithersburg, MD 20878 (US). KULKARNI, Prakash; c/o Gene Logic, Inc., 708 Quince Orchard Road, Gaithersburg, MD 20878 (US). GETZENBERG, Robert, H.; University of Pittsburgh Office of Technology Management, 200 Gardner Steel Conference Center, Thackeray & O'Hara Streets, Pittsburgh, PA 15260 (US). WAGA, Iwao; Pharmaceutical Frontier Research Laboratories of Japan Tobacco, Inc., 1-13-2, Fukuura, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004 (JP). YAMAMOTO, Jun; Pharmaceutical Frontier Research Laboratories of Japan Tobacco, Inc., 1-13-2, Fukuura, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004 (JP).

(74) TUSCAN, Michael, S. et al. / etc.; Morgan, Lewis & Bockius LLP, 1111 Pennsylvania Avenue, N.W., Washington, D.C. 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N

(11) WO 03/027634 (13) A2

(21) PCT/US02/30249

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 09/965,201 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IDENTIFICATION OF MODULATORY MOLECULES USING INDUCIBLE PROMOTERS

• IDENTIFICATION DE MOLECULES MODULATRICES AU MOYEN DE PROMOTEURS INDUCTIBLES

(71) AXIOM BIOTECHNOLOGIES, INC. [US/US]; 3595 John Hopkins Court, San Diego, CA 92121 (US).

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

(72, 75) BROWN, Steven, J. [US/US]; 4737 Mt. Almagosa Drive, San Diego, CA 92111 (US). DUNNINGTON, Damien, J. [GB/US]; 12588 Carmel Creek Road, Apt. 32, San Diego, CA 92130 (US). CLARK, Imran [US/US]; 4249 Nobel Drive #20, San Diego, CA 92122 (US).

(74) HUNT, Dale, C.; Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

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

(51)<sup>7</sup> G01N

(11) WO 03/027635 (13) A2

(21) PCT/US02/30311

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 09/961,755 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DETECTION OF FUSARIUM SPECIES INFECTING CORN USING THE POLYMERASE CHAIN REACTION

• DETECTION D'ESPECES DE FUSARIUM INFECTANT LE MAIS PAR REACTION EN CHAINES DE LA POLYMERASE

(71) SYNGENTA PARTICIPATIONS AG [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).

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(72, 75) BECK, James, Joseph [US/US]; Syngenta Biotechnology, Inc., 3054 Cornwallis Road, Research Triangle Park, NC 27709 (US). BARNETT, Charles, Jason [US/US]; Syngenta Biotechnology, Inc., 3054 Cornwallis Road, Research Triangle Park, NC 27709 (US).

(74) STULTS, Larry, W. et al. / etc.; Syngenta Biotechnology, Inc., 3054 Cornwallis Road, Research Triangle Park, NC 27709 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G01N

(11) WO 03/027636 (13) A2

(21) PCT/US02/30461

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,278 25 Sep/sep 2001 US (25.09.2001)

(30) 60/344,795 7 Jan/jan 2002 US (07.01.2002)

(30) 60/348,381 16 Jan/jan 2002 US (16.01.2002)

(30) 60/354,530 8 Feb/fév 2002 US (08.02.2002)

(30) 60/357,624 20 Feb/fév 2002 US (20.02.2002)

(30) 60/373,637 19 Apr/avr 2002 US (19.04.2002)

(30) 10/253,807 23 Sep/sep 2002 US (23.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • URINE DETECTION SYSTEM AND METHOD

• SYSTEME ET METHODE DE DETECTION D'URINE

(63) US 60/373,637 (CON) 19 Apr/avr 2002 (19.04.2002)

US 10/ (CON) 23 Sep/sep 2002 (23.09.2002)

(71) SYSMORE, INC. [US/US]; 18560 S.W. Parrett Mountain Road, Sherwood, OR 97140 (US).

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

(72, 75) SHAPIRA, Shmuel [US/US]; 18560 S.W. Parrett Mountain Road, Sherwood, OR 97140 (US). TSUR, Ron, A. [US/US]; 45171 N.W. Hartwick Road, Banks, OR 97106 (US).

(74) CREASMAN, Jason, C. et al. / etc.; Kolisch Hartwell, P.C., 520 S.W. Yamhill Street, Suite 200, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N

(11) WO 03/027637 (13) A2

(21) PCT/US02/30533

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,406 24 Sep/sep 2001 US (24.09.2001)

(30) 60/392,109 28 Jun/juin 2002 US (28.06.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ASSESSMENT OF NEURONS IN THE ARCUATE NUCLEUS TO SCREEN FOR

AGENTS THAT MODIFY FEEDING BEHAVIOR

- EVALUATIONS DES NEURONES DANS LE NOYAU ARQUE POUR LE CRIBLAGE D'AGENTS DE MODIFICATION DU COMPORTEMENT ALIMENTAIRE

(71) OREGON HEALTH AND SCIENCE UNIVERSITY [US/US]; 2525 S.W. First Avenue, Suite AD-120, Portland, OR 97201 (US).

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

(72, 75) COWLEY, Michael [AU/US]; 6724 S.E. 19th Avenue, Portland, OR 97202 (US). CONE, Roger [US/US]; 16563 S. Hattan Road, Oregon City, OR 97045 (US). LOW, Malcolm [US/US]; 4650 S.W. Upper Drive, Lake Oswego, OR 97035 (US). BUTLER, Andrew [NZ/US]; 7250 Perkins Road, Apartment 922, Baton Rouge, LA 70808 (US).

(74) SIEGEL, Susan, Alpert; Klarquist, Sparkman, LLP, One World Trade Center, Suite 1600, 121 SW Salmon Street, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N

(11) WO 03/027638 (13) A2

(21) PCT/US02/30951

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,853 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS FOR DETECTING GENETIC MOSAICISMS USING ARRAYS  
• PROCÉDES POUR DÉTECTER DES MOSAICISMES GÉNÉTIQUES AU MOYEN DE RESEAUX

(63) US 60/325,853 (CON) 27 Sep/sep 2001 (27.09.2001)

(71) SPECTRAL GENOMICS, INC. [US/US]; Suite 2200, 8080 N. Stadium Drive, Houston, TX 77054 (US).

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

(72, 75) MOHAMMED, Mansoor [US/US]; Apartment 215, 7200 Alameda Road, Houston, TX 77054 (US). SHAH, Shishir [US/US]; 2302 Oak Links Avenue, Houston, TX 77059 (US).

(74) EINHORN, Gregory, P.; Fish & Richardson P.C., Suite 500, 4350 La Jolla Village Drive, San Diego, CA 92122 (US).

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

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N

(11) WO 03/027639 (13) A2

(21) PCT/US02/31043

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 60/325,178 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SUPERFAMILY RECEPTOR CHIMERAS, TRANSLOCATION ASSAY FOR SUPERFAMILY RECEPTOR LIGANDS, AND METHODS AND KITS FOR DETECTING AND CHARACTERIZING RECEPTOR LIGANDS

• CHIMÈRES DE RECEPTEUR DE SUPERFAMILLE, ESSAI DE TRANSLOCATION POUR LIGANDS DE RECEPTEUR DE SUPERFAMILLE, ET PROCÉDES ET KITS POUR LA DÉTECTION ET LA CARACTÉRISATION DE LIGANDS DE RECEPTEUR

(71, 72) HAGER, Gordon L. [US/US]; 4525 Cambria Ave., Garrett Park, MD 20896 (US).

(72) MACKEM, Susan; 5621 Oak Place, Bethesda, MD 20817 (US).

(74) NATH, Gary M.; Nath & Associates PLLC, 1030 15th Street, N.W., 6th Floor, Washington, DC 20005-1503 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N

(11) WO 03/027640 (13) A2

(21) PCT/US02/31073

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,828 28 Sep/sep 2001 US (28.09.2001)

(30) PCT/US02/09691 27 Mar/mar 2002 US (27.03.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • POLYMORPHISM DETECTION AND SEPARATION

• DÉTECTION ET SÉPARATION DE POLYMORPHISMES

(63) US PCT/US02/09691 (CIP) 27 Mar/mar 2002 (27.03.2002)

US 60/325,828 (CIP) 28 Sep/sep 2001 (28.09.2001)

(71) UNIVERSITY OF DELAWARE [US/US]; 210 Hullihen Hall, Newark, DE 19716 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KMIEC, Eric, B. [US/US]; 18 Crossan Court, Landenberg, PA 19350 (US). RICE, Michael, C. [US/US]; 802 Washington Crossing Road, Newtown, PA 18940 (US).

(74) BECKER, Daniel, M. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 1/22, 33/28, E21B 21/06, 49/00

(11) WO 03/027641 (13) A1

(21) PCT/FR02/03243

(22) 23 Sep/sep 2002 (23.09.2002)

(25) fr (26) fr

(30) 01/12334 25 Sep/sep 2001 FR (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MODULE FOR EXTRACTING GAS FROM UNDERGROUND LIQUID AND INSTALLATION EQUIPPED THEREWITH

• MODULE D'EXTRACTION DE GAZ D'UN LIQUIDE DE SOUS-SOL ET INSTALLATION MUNIE DU MODULE

(71) GEOSERVICES [FR/FR]; 7, rue Newton, Z.I. du Coudray, F-93150 Le Blanc-Mesnil (FR).

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(72, 75) BREVIÈRE, Jérôme [FR/FR]; 41, rue Phanie Lelou, F-95150 Taverny (FR). EVRARD, Jean-François [FR/FR]; 122, avenue du Maréchal Joffre, F-94120 Fontenay-sous-Bois (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G01N 3/30, 29/04

(11) WO 03/027642 (13) A2

(21) PCT/DE02/03387

(22) 11 Sep/sep 2002 (11.09.2002)

(25) de (26) de

(30) 101 46 895.4 24 Sep/sep 2001 DE  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR EVALUATING THE DE-  
CAY BEHAVIOR OF A TEST OBJECT

• EVALUATION D'UN COMPORTE-  
MENT DE DEGRADATION D'UN  
OBJET TEST

(71) SIEMENS AKTIENGESELLSCHAFT  
[DE/DE]; Wittelsbacherplatz 2, 80333  
München (DE).

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

(72, 75) MÜLLER, Klaus-Dieter [DE/DE];  
Oldenburger Strasse 34, 90425 Nürnberg  
(DE). VÖLKEL, Thomas [DE/DE]; Lochau  
14, 95138 Bad Steben (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 IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : EP (AT BE BG CH CY  
CZ DE DK EE ES FI FR GB GR IE IT LU MC  
NL PT SE SK TR)

(u) for / pour US only / seulement

(51)<sup>7</sup> G01N 19/06, H01L 21/20

(11) WO 03/027643 (13) A1

(21) PCT/US02/02505

(22) 29 Jan/jan 2002 (29.01.2002)

(25) en (26) en

(30) 60/325,839 27 Sep/sep 2001 US  
(27.09.2001)

(30) Not furnished / 23 Jan/jan 2002 US  
non communiqué (23.01.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ARMOR COATED MEMS DEVICES  
• DISPOSITIFS MICROELECTROMECA-  
NIQUES A REVETEMENT BLINDE

(71) SEAGATE TECHNOLOGY LLC  
[US/US]; 920 Disc Drive, Scotts Valley,  
CA 95066 (US).

(72) BOUTAGHOU, Zine-Eddine; 307 Lily  
Pond Lane, Vadnais Heights, MN 55127  
(US). HIPWELL, Roger, L.; 7562 Kim-  
berly Lane, Eden Prairie, MN 55346 (US).  
BONIN, Wayne, A.; 21 Black Oak Road,  
North Oaks, MN 55127 (US).

(74) DIETZ, Paul, T.; Seagate Technology LLC,  
Intellectual Property Dept.-NRW097, 7801  
Computer Avenue South, Bloomington, MN  
55435 (US).

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

DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 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).

Declarations / Déclarations :

(r) for all designations / pour toutes les  
désignations

(s) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> G01N 21/00, G02B 21/06

(11) WO 03/027644 (13) A1

(21) PCT/US02/30242

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/961,695 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEMS AND METHODS FOR  
FORMING AN IMAGE OF A SPEC-  
IMEN AT AN OBLIQUE VIEWING  
ANGLE

• SYSTEMES ET METHODES PERMET-  
TANT DE FORMER UNE IMAGE D'UN  
SPECIMEN A UN ANGLE DE VISION  
OBLIQUE

(71) KLA-TENCOR, INC. [US/US]; 160 Rio  
Robles, San Jose, CA 95134-1809 (US).

(72) DRAKE, Stephen, John; Magnolia House,  
Carlton Road, Manby, Nr Louth, Lincolnshire  
LN11 8HH (GB).

(74) CONLEY, ROSE & TAYON, P.C.; P.O.  
Box 398, Austin, TX 78767-0398 (US).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> G01N 21/21

(11) WO 03/027645 (13) A1

(21) PCT/IL02/00774

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 145683 26 Sep/sep 2001 IL  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS AND METHOD FOR  
MEASURING OPTICALLY ACTIVE  
MATERIALS

• APPAREIL ET PROCEDE POUR MESU-  
RER DES MATIERES OPTIQUEMENT  
ACTIVES

(71) ENORON TECHNOLOGIES LTD.  
[IL/IL]; P.O. Box 45010, Har Hotzvim,  
91450 Jerusalem (IL).

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

(72, 75) SHULMAN, Ya'acov [IL/IL]; Re-  
canati Street 345/8, Ramot Gimmel, 97235  
Jerusalem (IL).

(74) SELIGSOHN & GABRIELI; POB 1426,  
61013 Tel Aviv (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 NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE 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 BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH  
GM HR HU ID 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  
SI 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 IE IT LU MC NL PT SE 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 SD SE SG  
SI 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 IE IT LU MC NL PT SE  
SK TR) OA (BF BJ CF CG CI CM GA GN GQ  
GW ML MR NE SN TD TG)

(51)<sup>7</sup> G01N 21/31

(11) WO 03/027646 (13) A1

(21) PCT/FR01/02961

(22) 25 Sep/sep 2001 (25.09.2001)

(25) fr (26) fr

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR MEASURING OPTICAL  
DENSITY OF A SOLUTE IN A CLEAR  
OR TURBID LIQUID MEDIUM CON-  
SISTING OF A SOLVENT AND SAID  
SOLUTE

• PROCEDE DE MESURE DE LA DEN-  
SITE OPTIQUE D'UN SOLUTE DANS  
UN MILIEU LIQUIDE, LIMPIDE OU  
NON, COMPOSE D'UN SOLVANT ET  
DUDIT SOLUTE

(71) VASLIN BUCHER S.A. [FR/FR]; Rue  
Gaston Bernier, F-49290 Chalonnes sur Loire  
(FR).

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

(72, 75) DELANCHY, Patrice [FR/FR]; 4, rue  
Jean Moulin, F-49240 Avrille (FR). TOUS-  
SAINT, Dany [FR/FR]; 5, rue de la Loire,  
F-49170 Saint-Germain-des-Pres (FR).

(74) MAILLET, Alain; Cabinet Le Guen & Mail-  
let, 5, place Newquay, Boîte postale 70250,  
F-35802 Dinard Cedex (FR).

- (81) AU NZ US ZA.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- 
- (51)<sup>7</sup> G01N 21/35
- (11) WO 03/027647 (13) A1
- (21) PCT/IL02/00779
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) en (26) en
- (30) 145649 25 Sep/sep 2001 IL (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND APPARATUS FOR REAL-TIME DYNAMIC CHEMICAL ANALYSIS
- PROCEDE ET DISPOSITIF D'ANALYSE CHIMIQUE DYNAMIQUE EN TEMPS REEL
- (71) NIRA SCIENCES LTD. [IL/IL]; 49950 Nahalim (IL).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SHEKEL, Yehuda [IL/IL]; 5/20 Eliezer Street, 96248 Jerusalem (IL). HARTMAN, Ira, M. [IL/IL]; 7 HaYitzhar Street, 73127 Hashmonaim (IL). THOMPSON, George, a. [US/US]; c/o Intel Corporation, 2200 Mission College Blvd., Santa Clara, CA 95052 (US).
- (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> G01N 21/64
- (11) WO 03/027648 (13) A2
- (21) PCT/US02/30926
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en
- (30) 60/325,909 28 Sep/sep 2001 US (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • COMPACT MULTIWAVELENGTH PHASE FLUOROMETER
- FLUOROMETRE COMPACT A PHASE ET A LONGUEURS D'ONDE MULTIPLES
- (71) CIENCIA, INCORPORATED [US/US]; 111 Roberts Street, Suite K, East Hartford, CT 06108 (US).
- (72) FERNANDEZ, Salvador, M.; 186 Terry Road, Hartford, CT 06248 (US). GUIGNON, Ernest, F.; 62 Trailsend Drive, Canton, CT 06019 (US). ST. LOUIS, Ernest; 243 East Street, Hebron, CT 06248 (US).
- (74) ALIX, YALE & RISTAS, LLP; 750 Main Street, Hartford, CT 06103-2721 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N 21/71, 1/00
- (11) WO 03/027649 (13) A1
- (21) PCT/GB02/04295
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) en (26) en
- (30) 0122932.7 24 Sep/sep 2001 GB (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DETECTION OF METALS IN SEMI-CONDUCTOR WAFERS
- DETECTION DES METAUX CONTENUS DANS DES PLAQUETTES DE SEMI-CONDUCTEUR
- (71) PURE WAFER LIMITED [GB/GB]; Central Business Park, Swansea Vale, Swansea SA7 0AB (GB).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) JONES, Gary, Lewis [GB/GB]; Highfield, Gors Road, Upper Tumble, Llanelli, Carmarthenshire SA14 6BS (GB).
- (74) EVANS, Huw, David, Duncan; Urquhart-Dykes & Lord, Three Trinity Court, 21-27 Newport Road, Cardiff CF24 0AA (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N 21/71, 33/28, 33/22
- (11) WO 03/027650 (13) A2
- (21) PCT/IL02/00782
- (22) 23 Sep/sep 2002 (23.09.2002)
- (25) en (26) en
- (30) 145687 26 Sep/sep 2001 IL (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR DETECTION AND DISCRIMINATION OF POLYCYCLIC AROMATIC HYDROCARBONS (PAHS) AND MONOAROMATICS BASED ON LASER-INDUCED BREAKDOWN SPECTROSCOPY (LIBS)
- METHODE DE DETECTION ET DE DISCRIMINATION D'HYDROCARBURES AROMATIQUES POLYCYCLIQUES (HAP) ET DE COMPOSES MONOAROMATIQUES PAR SPECTROSCOPIE PAR CLAQUAGE LASER (LIBS)
- (71) BEN-GURION UNIVERSITY OF THE NEGEV [IL/IL]; Research & Development Authority, P.O. Box 653, 84105 Beer-Sheva (IL).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PORTNOV, Alexander [IL/IL]; Mishor Hagefen 190/1, 80300 Ofakim (IL). BAR, Ilana [IL/IL]; Calanit Street 11, Neve Noy, 84854 Beer-Sheva (IL). ROSENWAKS, Zamik [IL/IL]; Harduf Street 1, 84965 Omer (IL).
- (74) LUZZATTO, Kfir et al. / etc.; P.O. Box 5352, 84152 Beer-Sheva (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N 21/95, 21/94
- (11) WO 03/027651 (13) A1
- (21) PCT/US02/30397
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/324,341 24 Sep/sep 2001 US (24.09.2001)
- (30) 10/050,889 15 Jan/jan 2002 US (15.01.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DEFECT DETECTION WITH ENHANCED DYNAMIC RANGE
- DETECTION DE DEFANTS A PLAGES DYNAMIQUE AMELIOREE
- (71) APPLIED MATERIALS, INC. [US/US]; P.O. Box 450A, Santa Clara, CA 95052 (US).
- (72) ALMOGY, Gilad; Poalei-Harachevet #8, 53257 Givataim (IL). GOLDBERG, Boris; Hazmat 93/35, 77155 Ashod (IL). NAF-TALI, Ron; Bareket 22, 73142 Shoam (IL).
- (74) BERNADICOU, Michael, A. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01N 21/956, H01L 21/66, 21/68  
(11) WO 03/027652 (13) A1  
(21) PCT/JP02/09762  
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(54) • DEFECT INSPECTION APPARATUS  
• DISPOSITIF D'INSPECTION DE DE-  
FAUTS  
(71) OLYMPUS OPTICAL CO., LTD. [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) NAIKI, Hiroshi [JP/JP]; 204,  
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3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).  
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(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD AND APPARATUS FOR  
PHYSICAL CHARACTERISTICS DIS-  
CRIMINATION OF OBJECTS USING  
A LIMITED VIEW THREE DIMEN-  
SIONAL RECONSTRUCTION  
• PROCEDE ET APPAREIL PERMET-  
TANT DE DISTINGUER DES CARAC-  
TERISTIQUES PHYSIQUES D'OBJETS  
AU MOYEN D'UNE RECONSTRUC-  
TION TRIDIMENSIONNELLE A VUE  
LIMITEE  
(71) RAPISCAN SECURITY PRODUCTS  
INC. [US/US]; 3232 El Segundo Boulevard,  
Hawthorne, CA 90250 (US).  
(72) LE, Khai Minh; 5071 Audrey Drive, Hunt-  
ington Beach, CA 92649 (US).  
(74) RITCHIE, David, B. et al. / etc.; Thelen  
Reid & Priest, LLP, P.O. Box 640640, San  
Jose, CA 95110 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD  
SE SG SI SK SL TJ TM TR TT TZ UA UG  
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 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).

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(54) • SENSOR MODULE WITH A SEN-  
SOR ELEMENT SURROUNDED BY A  
HEATING ELEMENT  
• MODULE DETECTEUR POURVU  
D'UN ELEMENT DETECTEUR EN-  
TOURE D'UN ELEMENT CHAUFFANT  
(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) BAUER, Michael [DE/DE]; Ahornweg  
2, 72076 Tübingen (DE). SIMON, Isolde  
[DE/DE]; Torstrasse 1, 72127 Kusterdingen  
(DE). ARNDT, Michael [DE/DE]; Mem-  
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(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • NITROGEN OXIDE SENSOR WITH AT-  
TENUATED OXYGEN DEPENDENCE  
OF THE NOX SIGNAL  
• CAPTEUR D'OXYDES D'AZOTE  
AVEC DEPENDANCE A L'OXYGENE  
ATTENUÉE DU SIGNAL NOX  
(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) REISCHL, Rolf [DE/DE]; Durllehaus-  
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(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

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(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • REDOX CONTROL/MONITORING  
PLATFORM FOR HIGH THROUGH-  
PUT SCREENING/DRUG DISCOVERY  
APPLICATIONS  
• PLATE-FORME DE REGULATION ET  
DE SURVEILLANCE DE L'OXYDORE-  
DUCTION DESTINEE A LA DECOU-  
VERTE / LE CRIBLAGE DE MEDICA-  
MENTS A RENDEMENT ELEVE  
(71) UNIVERSITY OF DAYTON [US/US]; 300  
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(72) JOHNSON, Jay; 2937 King James Drive,  
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(74) KILLWORTH, Richard, A. et al. / etc.;  
Killworth, Gottman, Hagan & Schaeff,  
L.L.P., One Dayton Centre-Suite 500, One  
South Main Street, Dayton, OH 45402-2023  
(US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

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(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD AND APPARATUS FOR DE-  
TECTING PINHOLE DEFECTS IN A DI-  
ELECTRIC LAYER  
• PROCEDE ET APPAREIL DE DETEC-  
TION DE DEFAULTS DE TYPE TROUS  
D'EPINGLE DANS UNE COUCHE DIE-  
LECTRIQUE  
(71) POLAROID CORPORATION [US/US];  
784 Memorial Drive, Cambridge, MA 02139  
(US).  
(72) VARGAS, Leroy, C.; 404 Valley Road, New  
Bedford, MA 02745 (US).  
(74) MACCARONE, Gaetano, D.; Polaroid Cor-  
poration, 784 Memorial Drive, Cambridge,  
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(81) CA JP.  
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FR GB GR IE IT LU MC NL PT SE SK TR).

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(25) en (26) en  
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(28.09.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **SOLID STATE POTENTIOMETRIC GASEOUS OXIDE SENSOR**  
• CAPTEUR POTENTIOMETRIQUE D'OXYDE GAZEUX A SEMICONDUCTEUR
- (71) **UNIVERSITY OF FLORIDA [US/US];** P.O. Box 11550, Gainesville, FL 32611-5500 (US).
- (72) **WACHSMAN, Eric, D.;** 5212 NW 16th Place, Gainesville, FL 32605 (US). **AZAD, Abul, Majeed;** 1090-A Weybridge Road, Columbus, OH 43220-2737 (US).
- (74) **NELSON, Gregory, A.;** Akerman, Senterfitt, 222 Lakeview Avenue, #400, P.O. Box 3188, West Palm Beach, FL 33402-3188 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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/JP02/09601
- (22) **19 Sep/sep 2002 (19.09.2002)**
- (25) ja (26) ja
- (30) 2001-289924 **21 Sep/sep 2001** JP (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **METHOD FOR DETECTING METALLIC FOREIGN MATTER AND SYSTEM FOR DETECTING METALLIC FOREIGN MATTER**  
• PROCEDE PERMETTANT DE DETECTER DES CORPS ETRANGERS METALLIQUES ET SYSTEME PERMETTANT DE DETECTER DES CORPS ETRANGERS METALLIQUES
- (71) **TOK ENGINEERING CO., LTD. [JP/JP];** 26-28, Higashimatsubara, Hakonegasaki, Mizuho-cho, Nishitama-gun, Tokyo 190-1222 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KONDO, Nobukazu [JP/JP];** c/o TOK ENGINEERING CO., LTD., 26-28, Higashimatsubara, Hakonegasaki, Mizuho-cho, Nishitama-gun, Tokyo 190-1222 (JP).
- (74) **TOMISAKI, Motonari et al. / etc.;** 2nd Floor, T/S Bldg., 13-4, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).
- (81) BR CA CN ID IN JP KR PH RU SG US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> G01N 27/82
- (11) **WO 03/027660** (13) A1
- (21) PCT/JP02/09799
- (22) **24 Sep/sep 2002 (24.09.2002)**
- (25) ja (26) ja
- (30) 2001-292329 **25 Sep/sep 2001** JP (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **NON-DESTRUCTIVE INSPECTION DEVICE AND NON-DESTRUCTIVE INSPECTION METHOD**  
• DISPOSITIF D'INSPECTION NON DESTRUCTIF ET PROCEDE D'INSPECTION NON DESTRUCTIVE
- (71) **DAIHATSU MOTOR CO., LTD. [JP/JP];** 1-1, Daihatsu-cho, Ikeda-shi, Osaka 563-8651 (JP). **MAGNEGRAPH CO., LTD. [JP/JP];** 2-62, Kaminagare-cho, Nakagawa-ku, Nagoya-shi, Aichi 454-0846 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **IMAMOTO, Kazunobu [JP/JP];** c/o DAIHATSU MOTOR CO., LTD., 2-1-1, Momozono, Ikeda-shi, Osaka 563-8651 (JP). **KIMURA, Takashi [JP/JP];** c/o Magnegraph Co., Ltd., 2-62, Kaminagare-cho, Nakagawa-ku, Nagoya-shi, Aichi 454-0846 (JP).
- (74) **YOSHIDA, Minoru et al. / etc.;** 2-32-1301, Tamatsukuri-motomachi, Tennoji-ku, Osaka-shi, Osaka 543-0014 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N 27/82
- (11) **WO 03/027661** (13) A1
- (21) PCT/JP02/09800
- (22) **24 Sep/sep 2002 (24.09.2002)**
- (25) ja (26) ja
- (30) 2001-292330 **25 Sep/sep 2001** JP (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **NON-DESTRUCTIVE INSPECTION METHOD**  
• PROCEDE D'INSPECTION NON DESTRUCTEUR
- (71) **DAIHATSU MOTOR CO., LTD. [JP/JP];** 1-1, Daihatsu-cho, Ikeda-shi, Osaka 563-8651 (JP). **MAGNEGRAPH CO., LTD. [JP/JP];** 2-62, Kaminagare-cho, Nakagawa-ku, Nagoya-shi, Aichi 454-0846 (JP).  
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- (72, 75) **IMAMOTO, Kazunobu [JP/JP];** c/o DAIHATSU MOTOR CO., LTD., 2-1-1, Momozono, Ikeda-shi, Osaka 563-8651 (JP). **KIMURA, Takashi [JP/JP];** c/o Magnegraph Co., Ltd., 2-62, Kaminagare-cho, Nakagawa-ku, Nagoya-shi, Aichi 454-0846 (JP).
- (74) **YOSHIDA, Minoru et al. / etc.;** 2-32-1301, Tamatsukuri-motomachi, Tennoji-ku, Osaka-shi, Osaka 543-0014 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N 29/00
- (11) **WO 03/027662** (13) A2
- (21) PCT/US02/30911
- (22) **27 Sep/sep 2002 (27.09.2002)**
- (25) en (26) en
- (30) 09/966,810 **28 Sep/sep 2001** US (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **ULTRASOUND IMAGING SYSTEM**  
• SYSTEME D'IMAGERIE ULTRASO-NORE
- (71) **TERATECH CORPORATION [US/US];** 77-79 Terrace Hall Avenue, Burlington, MA 01803 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HE, Xingbai [CN/US];** 494 Lowell Street, Andover, MA 01801 (US). **CHANG, Peter, P. [BR/US];** 60 Pleasant Street, #417, Arlington, MA 02476 (US). **KISCHELL, Eric, R. [US/US];** 30 Elm Street, Pepperell, MA 01463 (US). **CHIANG, Alice, M. [US/US];** 4 Glenfield East, Weston, MA 02493 (US).
- (74) **HOOVER, Thomas, O. et al. / etc.;** Bowditch & Dewey, LLP, 161 Worcester Road, P.O. Box 9320, Framingham, MA 01701-9320 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N 29/04, 29/10, 29/22
- (11) **WO 03/027663** (13) A1
- (21) PCT/NL02/00612
- (22) **23 Sep/sep 2002 (23.09.2002)**
- (25) nl (26) en
- (30) 1019020 **24 Sep/sep 2001** NL (24.09.2001)



- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ENDFIRE BEAMPATTERN PROCESSING FOR ACOUSTIC INTERFEROMETER  
• TRAITEMENT D'UN DIAGRAMME DE FAISCEAU A RAYONNEMENT LONGITUDINAL DESTINE A UN INTERFEROMETRE ACOUSTIQUE
- (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) DRIESSEN, Franciscus, Petrus, Gijbertus [NL/NL]; Wethouder Sonneveldhof 17, NL-2645 BP Delfgauw (NL).
- (74) PRINS, A.W.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N 29/22
- (11) WO 03/027664 (13) A2
- (21) PCT/DE02/02639
- (22) 18 Jul/juil 2002 (18.07.2002)
- (25) de (26) de
- (30) 101 41 768.3 29 Aug/août 2001 DE (29.08.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DEVICE FOR INSPECTING PIPES USING ULTRASOUND  
• DISPOSITIF POUR CONTROLER DES TUYAUX AU MOYEN D'ULTRASONS
- (71) AGFA NDT GMBH [DE/DE]; Robert-Bosch-Str. 3, 50354 Hürth (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) PRAUSE, Reinhard [DE/DE]; Brückenstr. 10, 53757 St. Augustin (DE).
- (74) BAUER, Wulf; Bayenthalgürtel 15, 50968 Köln (DE).
- (81) CA US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> G01N 29/28
- (11) WO 03/027665 (13) A2
- (21) PCT/EP02/10425
- (22) 17 Sep/sep 2002 (17.09.2002)
- (25) de (26) de
- (30) 101 46 340.5 20 Sep/sep 2001 DE (20.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ULTRASONIC TESTING SYSTEM AND TEST DEVICE FOR TESTING MATERIALS AND ASSEMBLY ZONES  
• DISPOSITIF DE CONTROLE A ULTRASONS ET APPAREIL DE CONTROLE PERMETTANT DE CONTROLE DES MATERIAUX ET DES ZONES D'ASSEMBLAGE
- (71) EADS DEUTSCHLAND GMBH [DE/DE]; Willy-Messerschmitt-Str., 85521 Ottobrunn (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ZAJC, Alois [DE/DE]; Derchinger-Str. 33, 86316 Friedberg (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N 30/00, 1/10, B01J 39/06, C07C 47/058, 45/79
- (11) WO 03/027666 (13) A1
- (21) PCT/JP02/09664
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) ja (26) ja
- (30) 2001-290843 25 Sep/sep 2001 JP (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PROCESS FOR PRODUCTION OF COLLECTION COLUMNS FOR CARBONYL COMPOUNDS  
• PROCEDE DE PRODUCTION DE COLONNES DE COLLECTE POUR COMPOSES CARBONYLES
- (71) SUMIKA CHEMICAL ANALYSIS SERVICE, LTD. [JP/JP]; 1-135, Kasugadenaka 3-chome, Konohana-ku, Osaka-shi, Osaka 554-8558 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KITASAKA, Kazuya [JP/JP]; c/o Sumika Chemical Analysis Service, Ltd., 1-135, Kasugadenaka 3-chome, Konohana-ku, Osaka-shi, Osaka 554-8558 (JP).  
SUGIHARA, Koichi [JP/JP]; c/o Sumika Chemical Analysis Service, Ltd., 1-135, Kasugadenaka 3-chome, Konohana-ku, Osaka-shi, Osaka 554-8558 (JP).
- (74) KUBOYAMA, Takashi 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 BY BZ CA CH 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 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N 33/00
- (11) WO 03/027667 (13) A1
- (21) PCT/DE02/03504
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) de (26) de
- (30) 101 46 434.7 20 Sep/sep 2001 DE (20.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND DETECTOR FOR DETECTING GASES  
• PROCEDE ET DETECTEUR POUR DETECTER DES GAZ
- (71) WMA AIRSENSE ANALYSENTECHNIK GMBH [DE/DE]; Hagenower Strasse 73, 19061 Schwerin (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WALTE, Andreas [DE/DE]; Jahnstrasse 11, 19055 Schwerin (DE).  
MÜNCHMEYER, Wolf [DE/DE]; Bornhövedstrasse 41, 19055 Schwerin (DE).
- (74) JAPP, Reinhard; Buchholzallee 32, 19370 Parchim (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> G01N 33/18, 17/00
- (11) WO 03/027668 (13) A1
- (21) PCT/CH02/00532
- (22) 23 Sep/sep 2002 (23.09.2002)
- (25) de (26) de
- (30) 01810927.2 21 Sep/sep 2001 CH (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR REDUCING DAMAGE TO HEATING PLANTS AND DEVICE FOR CARRYING OUT SAID METHOD  
• PROCEDE POUR REDUIRE LES DETRIERATIONS AU NIVEAU D'INSTALLATIONS DE CHAUFFAGE ET DISPOSITIF POUR METTRE LEDIT PROCEDE EN OEUVRE
- (71) SWISS E-TECHNIC AG [CH/CH]; CH-7303 Mastrils (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FÜLLEMANN, Jörg [CH/CH]; Lindenhof, CH-7303 Mastrils (CH).
- (74) WALDER, Martin, B. et al. / etc.; Riederer Hasler & Partner, Patentanwälte AG, Elestasstrasse 8, CH-7310 Bad Ragaz (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 NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 33/24

(11) WO 03/027669

(13) A2

(21) PCT/EP02/10510

(22) 19 Sep/sep 2002 (19.09.2002)

(25) de

(26) de

(30) 101 46 572.6 21 Sep/sep 2001 DE  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • METHOD FOR PRODUCING A NOR-  
MALIZED GENE LIBRARY FROM  
NUCLEIC ACID EXTRACTS OF SOIL  
SAMPLES AND THE USE THEREOF

• PROCÉDE DE PRODUCTION D'UNE  
BANQUE DE GÈNES NORMALISÉE A  
PARTIR D'EXTRAITS D'ACIDES NU-  
CLEIQUES PROVENANT D'ÉCHAN-  
TILLONS DE SOL ET SON UTILISA-  
TION

(71) BASF AKTIENGESELLSCHAFT  
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(74) DRES. FITZNER, MÜNCH & KLWIN;  
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(81) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G01N 33/46, 29/04, 29/14

(11) WO 03/027670

(13) A1

(21) PCT/FR02/03272

(22) 25 Sep/sep 2002 (25.09.2002)

(25) fr

(26) fr

(30) 01/12338 25 Sep/sep 2001 FR  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • DEVICE AND METHOD FOR DETECT-  
ING DEFECTS IN A WOOD OR WOOD-  
BASED PRODUCT FROM ITS ACOUS-  
TIC SIGNATURE

• DISPOSITIF ET METHODE DE DETEC-  
TION DE DEFATS DANS UN PRO-  
DUIT EN BOIS OU A BASE DE BOIS

A PARTIR DE SA SIGNATURE ACOUS-  
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les États désignés sauf US)

- (72, 75) KRONLAND-MARTINET, Richard  
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Teyran (FR). GUILLEMAIN, Philippe  
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(FR). GRENIER, David [FR/FR]; Chez  
Patricia Comte, Rue Droite, F-48000 Saint  
Etienne du Valdonnez (FR).

(74) CATHERINE, Alain et al. / etc.; Cabinet  
Harle et Phelip, 7 rue de Madrid, F-75008  
Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01N 33/50, 33/68

(11) WO 03/027671

(13) A2

(21) PCT/GB02/04343

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en

(26) en

(30) 0123025.9 25 Sep/sep 2001 GB  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APOPTOSIS

• APOPTOSE

- (71) EIRX THERAPEUTICS LIMITED  
[IE/IE]; Cork Airport Business Park, Kin-  
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(72, 75) HAYES, Ian [GB/IE]; EiRx Thera-  
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(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  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 33/50, 33/15, A61K 45/00, A61P  
43/00, 25/28, 25/00, 25/04

(11) WO 03/027672

(13) A1

(21) PCT/JP02/09351

(22) 12 Sep/sep 2002 (12.09.2002)

(25) ja

(26) ja

(30) 2001-287448 20 Sep/sep 2001 JP  
(20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • NOVEL SCREENING METHOD USING  
PROKINETICIN RECEPTOR

• NOUVELLE METHODE DE CRI-  
BLAGE AU MOYEN DU RECEPTEUR  
DE PROKINETICINE

(71) YAMANOUCI PHARMACEUTICAL  
CO., LTD. [JP/JP]; 3-11, Nihonbashi-Hon-  
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(JP).

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

(72, 75) MATSUMOTO, Shunichiro [JP/JP];  
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21, Miyukigaoka, Tsukuba-shi, Ibaraki  
305-8585 (JP). TAKASAKI, Jun [JP/JP];  
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21, Miyukigaoka, Tsukuba-shi, Ibaraki  
305-8585 (JP). SAITO, Tetsu [JP/JP]; c/o  
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Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585  
(JP). SOGA, Takatoshi [JP/JP]; c/o Ya-  
manouchi Pharmaceutical Co., Ltd., 21,  
Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585  
(JP). KAMOHARA, Masazumi [JP/JP]; c/o  
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(JP). HIYAMA, Hideki [JP/JP]; c/o Ya-  
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(JP).

(74) NAGAI, Shozo et al. / etc.; c/o Yamanouchi  
Pharmaceutical Co., Ltd., Patent Department,  
17-1, Hasune 3-chome, Itabashi-ku, Tokyo  
174-8612 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 33/53, 37/00, C12N 15/09, C12Q 1/68, C12M 1/00

(11) WO 03/027673 (13) A1

(21) PCT/JP02/07809

(22) 31 Jul/juil 2002 (31.07.2002)

(25) ja (26) ja

(30) 2001-232501 31 Jul/juil 2001 JP (31.07.2001)

(30) 2002-192510 1 Jul/juil 2002 JP (01.07.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • GENE INSPECTION APPARATUS AND TARGET NUCLEIC ACID EXTRACTION METHOD USING THE SAME

• APPAREIL D'INSPECTION GENIQUE ET PROCEDE D'EXTRACTION D'ACIDE NUCLEIQUE CIBLE FAISANT APPEL A CET APPAREIL

(71) OLYMPUS OPTICAL CO., LTD. [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) YONEKAWA, Hiroyuki [JP/JP]; 205, 4-6-6, Tsurumaki, Tama-shi, Tokyo 206-0034 (JP). SHIBAZAKI, Takami [JP/JP]; 308, NP-Light-Court-Akikawa, 671-8, Ogawa, Akiruno-shi, Tokyo 197-0821 (JP). SATOH, Takatomo [JP/JP]; 208, NP-Light-Court-Takahata, 1-19-1, Minamidaira, Hino-shi, Tokyo 190-1224 (JP). SAKAMOTO, Hiroko [JP/JP]; 5-8-8-504, Higashigotanda, Shinagawa-ku, Tokyo 141-0022 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP US.

(84) EP (DE FR GB IT).

(51)<sup>7</sup> G01N 33/53, 37/00

(11) WO 03/027674 (13) A1

(21) PCT/JP02/09661

(22) 20 Sep/sep 2002 (20.09.2002)

(25) ja (26) ja

(30) 2001-288149 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SUPPORT FOR LIGAND IMMOBILIZATION

• SUPPORT POUR L'IMMOBILISATION DES LIGANDS

(71) TAKARA BIO INC. [JP/JP]; 4-1, Seta 3-chome, Otsu-shi, Shiga 520-2193 (JP).

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

(72, 75) ASADA, Kiyozo [JP/JP]; 3-20-9, Kibogaoka, Konan-cho, Koka-gun, Shiga 520-3333 (JP). IMOSE, Nobuyuki [JP/JP]; 37-102, Toyoda-cho, Nishikujo, Minami-ku, Kyoto-shi, Kyoto 601-8448 (JP). TAKEDA, Osamu [JP/JP]; 340-1-811, Norada-cho, Hikone-shi, Shiga 521-1124 (JP). ROKUSHIMA, Masatomo [JP/JP]; 3-9-501, Mikuni 1-chome, Toyonaka-shi, Osaka 561-0822 (JP). KATO, Ikunoshin [JP/JP]; 1-1-150, Nanryo-cho, Uji-shi, Kyoto 611-0028 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 33/543, C09D 161/04

(11) WO 03/027675 (13) A1

(21) PCT/AT02/00277

(22) 24 Sep/sep 2002 (24.09.2002)

(25) de (26) de

(30) A 1508/2001 24 Sep/sep 2001 AT (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FIXED SUPPORT FOR IMMOBILIZING BIOMOLECULES

• SUPPORT FIXE POUR L'IMMOBILISATION DE BIOMOLECULES

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(74) SONN, Helmut et al. / etc.; Riemergasse 14, A-1010 Wien (AT).

(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 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 SI 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 IE IT LU MC NL

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

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Declarations / Déclarations :

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(51)<sup>7</sup> G01N 33/543

(11) WO 03/027676 (13) A1

(21) PCT/DE02/02954

(22) 12 Aug/août 2002 (12.08.2002)

(25) de (26) de

(30) 101 45 701.4 17 Sep/sep 2001 DE (17.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FLUORESCENCE BIOSENSOR CHIP AND FLUORESCENCE BIOSENSOR CHIP ARRANGEMENT

• PUCE A BIOCAPTEUR FLUORESCENT ET ENSEMBLE PUCE A BIOCAPTEUR FLUORESCENT

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(72, 75) SCHIENLE, Meinrad [DE/DE]; Unterbibberger Str. 15, 85579 Neubiberg (DE). BREDERLOW, Ralf [DE/DE]; Von-Erckert-Str. 27, 81827 München (DE). HOFMANN, Franz [DE/DE]; Herbergstr. 25 B, 80995 München (DE). JENKNER, Martin [DE/DE]; Hofmarkstr. 4A, 82152 Planegg (DE). LUYKEN, R., Johannes [DE/DE]; Böcklerweg 28, 81825 München (DE). PAULUS, Christian [DE/DE]; Tankenrainerstrasse 12E, 82362 Weilheim (DE). SCHINDLER-BAUER, Petra [DE/DE]; Leostrasse 12, 81375 München (DE). THEWES, Roland [DE/DE]; Jägerheimstr. 7, 82194 Gröbenzell (DE).

(74) VIERING JENTSCHURA & PARTNER; Steindorfstr. 6, 80538 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)<sup>7</sup> G01N 33/543, C12Q 1/68

(11) WO 03/027677 (13) A2

(21) PCT/GB02/04369

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 0123120.8 26 Sep/sep 2001 GB (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF ATTACHMENT

• PROCEDE DE FIXATION

(71) AMERSHAM BIOSCIENCES UK LIMITED [GB/GB]; Amersham Place, Little Chalfont, Buckinghamshire HP7 9LL (GB).

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- (72, 75) **ODEDRA, Raj** [GB/GB]; Amersham Biosciences UK Limited, The Grove Centre, White Lion Road, Amersham, Buckinghamshire HP7 9LL (GB). **PICKERING, Lee** [GB/GB]; Amersham Biosciences UK Limited, The Grove Centre, White Lion Road, Amersham, Buckinghamshire HP7 9LL (GB).
- (74) **HAMMETT, Audrey, Grace, Campbell**; Amersham plc, The Grove Centre, White Lion Road, Amersham, Buckinghamshire HP7 9LL (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01N 33/549, 33/544, 33/542, 33/533, 33/53**  
 (11) **WO 03/027678** (13) A1  
 (21) PCT/US02/30672  
 (22) **26 Sep/sep 2002 (26.09.2002)**  
 (25) en (26) en  
 (30) 60/325,269 **26 Sep/sep 2001 US (26.09.2001)**  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • **FLUORESCENCE PROXIMITY ASSAY**  
 • **DOSAGE DE PROXIMITE PAR FLUORESCENCE**
- (71) **PSYCHIATRIC GENOMICS, INC.** [US/US]; 19 Firstfield Road, Gaithersburg, MD 20878 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **EVANS, David** [US/US]; 13405 Moran Drive, N. Potomac, MD 20878 (US).
- (74) **LUDWIG, Peter, S. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01N 33/563**  
 (11) **WO 03/027679** (13) A1  
 (21) PCT/FI02/00763  
 (22) **24 Sep/sep 2002 (24.09.2002)**
- (25) en (26) en
- (30) 20011877 **24 Sep/sep 2001 FI (24.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **METHOD AND BIOSENSOR FOR ANALYSIS**  
 • **METHODE ET BIOCAPTEUR POUR ANALYSE**
- (71) **BIOFONS LTD** [FI/FI]; Tykistökatu 4 B, FIN-20250 Turku (FI).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **VIKHOLM, Inger** [FI/FI]; Orivedenkatu 24 B 27, FIN-33720 Tampere (FI). **SADOWSKI, Janusz** [PL/FI]; Kirkkoladonkatu 24 A 1, FIN-33560 Tampere (FI).
- (74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O.Box 148, FIN-00121 Helsinki (FI).
- (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01N 33/569, 33/50, C12N 15/82, C12Q 1/66**  
 (11) **WO 03/027680** (13) A2  
 (21) PCT/US02/30961  
 (22) **27 Sep/sep 2002 (27.09.2002)**  
 (25) en (26) en  
 (30) 60/325,850 **28 Sep/sep 2001 US (28.09.2001)**  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • **BIOSENSOR FOR DETECTION OF TOXIC SUBSTANCES**  
 • **BIOCAPTEUR POUR DETECTER DES SUBSTANCES TOXIQUES**
- (71, 72) **SILVER, Robert, B.** [US/US]; 669 Neff Road, Grosse Pointe, MI 48230 (US).
- (74) **SILVERT, Donald, J.**; 637 Michelline Lane, Northbrook, IL 60062 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
*(u) for / pour US only / seulement*
- 
- (51)<sup>7</sup> **G01N 33/68**  
 (11) **WO 03/027681** (13) A2  
 (21) PCT/GB02/04364  
 (22) **27 Sep/sep 2002 (27.09.2002)**  
 (25) en (26) en  
 (30) 0123295.8 **27 Sep/sep 2001 GB (27.09.2001)**  
 (30) 60/326,177 **27 Sep/sep 2001 US (27.09.2001)**  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • **A METHOD OF PROTEIN ANALYSIS**  
 • **PROCEDE D'ANALYSE DE PROTEINES**
- (71) **OXFORD GLYCOSCIENCES (UK) LTD** [GB/GB]; Attn: Mary Gadsden, The Forum, 86 Milton Park, Abingdon, Oxfordshire OX14 4RY (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SOLOVIEV, Mikhail** [GB/GB]; The Forum, 86 Milton Park, Abingdon, Oxfordshire OX14 4RY (GB). **TERRETT, Jonathan, Alexander** [GB/GB]; Oxford GlycoSciences (UK) Ltd, The Forum, 86 Milton Park, Abingdon, Oxfordshire OX14 4RY (GB).
- (74) **BLAKEY, Alison, Jane**; Oxford GlycoSciences (UK) Ltd, The Forum, 86 Milton Park, Abingdon, Oxfordshire OX14 4RY (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01N 33/68, 33/58**  
 (11) **WO 03/027682** (13) A2  
 (21) PCT/US02/30742  
 (22) **27 Sep/sep 2002 (27.09.2002)**  
 (25) en (26) en  
 (30) 60/325,335 **27 Sep/sep 2001 US (27.09.2001)**  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • **MATERIALS AND METHODS FOR CONTROLLING ISOTOPE EFFECTS DURING FRACTIONATION OF ANALYTES**  
 • **MATERIAUX ET PROCEDES REGULANT LES EFFETS ISOTOPIQUES LORS DU FRACTIONNEMENT D'ANALYTES**
- (71) **PURDUE RESEARCH FOUNDATION** [US/US]; 1291 Cumberland Avenue, West Lafayette, IN 47906 (US).

(71, 72) **REGNIER, Fred, E.** [US/US]; 1219 Tuckahoe Lane, West Lafayette, IN 49706 (US). **ZHANG, Roujian,** [CN/US]; 587 N. Ventu Park Road, Ste E PMB 126, Newberry Park, CA 91320 (US). **CHAKRABORTY, Asish, B.** [BD/US]; 1 Pheasant Circle, Apt. 11, Milford, MA 01757 (US).

(74) **SANDBERG, Victoria, A.;** 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01R

(11) WO 03/027683 (13) A2

(21) PCT/US02/31070

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,878 28 Sep/sep 2001 US (28.09.2001)

(30) 60/340,176 10 Dec/déc 2001 US (10.12.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AIRCRAFT ELECTROSTATIC DISCHARGE TEST SYSTEM  
• SYSTEME DE TEST DE DECHARGE ELECTROSTATIQUE D'AERONEF

(71) **BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC** [US/US]; 65 Spit Brook Road, Nashua, NH 03061 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ZANK, Paul, A** [US/US]; 20 Kodiak Road, Brookline, NH 03033 (US). **SUTPHIN, Eldon, M** [US/US]; 46 Turkey Hill Road, Merrimack, NH 03054 (US). **BUCHANAN, David, W** [US/US]; 5 Quimby Road, Brookline, NH 03033 (US). **CEHELNIK, Thomas, G** [US/US]; 15818 Cypress Hall Drive, Cypress, TX 77429 (US).

(74) **MAINE, Vernon, C. et al. / etc.;** Maine & Asmus, P.O. Box 3445, Nashua, NH 03061-3445 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

(51)<sup>7</sup> G01R 31/00

(11) WO 03/027684 (13) A2

(21) PCT/DE02/02655

(22) 19 Jul/juil 2002 (19.07.2002)

(25) de (26) de

(30) 101 42 169.9 29 Aug/août 2001 DE (29.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND DEVICE FOR MONITORING A SENSOR UNIT  
• PROCEDE ET DISPOSITIF POUR CONTROLER UNE UNITE DE DETECTION

(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) **SCHMIDT, Wolfgang** [DE/DE]; Nussbaumweg 24/4, 71665 Vaihingen (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G01R 31/00

(11) WO 03/027685 (13) A2

(21) PCT/EP02/10501

(22) 19 Sep/sep 2002 (19.09.2002)

(25) de (26) de

(30) 101 46 695.1 21 Sep/sep 2001 DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR TRANSMITTING MESSAGES BETWEEN STATIONS  
• PROCEDE DE TRANSMISSION DE MESSAGES ENTRE PLUSIEURS STATIONS

(71) **BAYERISCHE MOTOREN WERKE** [DE/DE]; Aktiengesellschaft, Petuelring 130, 80809 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GRIESSBACH, Robert** [DE/DE]; Hochlandweg 6, 83629 Weyarn (DE).

(74) **BAYERISCHE MOTOREN WERKE;** Aktiengesellschaft, Patentabteilung, AJ-3, 80788 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G01R 31/00

(11) WO 03/027686 (13) A2

(21) PCT/US02/13441

(22) 29 Apr/avr 2002 (29.04.2002)

(25) en (26) en

(30) 09/965,179 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CONSTANT NET HEATING POWER TECHNOLOGY

• TECHNOLOGIE DE PUISSANCE DE CHAUFFAGE NETTE CONSTANTE

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; Mail Stop 68, One AMD Place, Sunnyvale, CA 94088-3453 (US).

(72) **TOUZELBAEV, Maxat;** 10 Pasa Robles, Los Altos, CA 94022 (US).

(74) **RODDY, Richard, J.;** Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).

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

(51)<sup>7</sup> G01R 31/02

(11) WO 03/027687 (13) A1

(21) PCT/JP02/09544

(22) 18 Sep/sep 2002 (18.09.2002)

(25) ja (26) ja

(30) 2001/287638 20 Sep/sep 2001 JP (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TESTER AND TESTING METHOD  
• TESTEUR ET PROCEDE DE TEST

(71) **OHT INC.** [JP/JP]; 1118-1, Aza-Nishichujo, Kannabe-cho, Fukayasu-gun, Hiroshima 720-2103 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FUJII, Tatsuhisa** [JP/JP]; 1-18-32, Zaoh-cho, Fukuyama-shi, Hiroshima 721-0971 (JP). **MONDEN, Kazuhiro** [JP/JP]; 3-10-31-10, Higashikawaguchi-cho, Fukuyama-shi, Hiroshima 720-0821 (JP). **KASAI, Mikiya** [JP/JP]; 10-551, Yay-oigaoka, Ekiya-cho, Fukuyama-shi, Hiroshima 720-1135 (JP). **ISHIOKA, Shogo** [JP/JP]; 827-3, Oaza-kawaminami, Kannabe-cho, Fukayasu-gun, Hiroshima 720-2124 (JP). **YAMAOKA, Shuji** [JP/JP]; 693-9, Jitoubu, Seto-cho, Fukuyama-shi, Hiroshima 720-0837 (JP).

(81) CN KR US.

(51)<sup>7</sup> G01R 31/02

(11) WO 03/027688 (13) A1

(21) PCT/JP02/09545

(22) 18 Sep/sep 2002 (18.09.2002)

(25) ja (26) ja

(30) 2001-287637 20 Sep/sep 2001 JP (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TESTER AND TESTING METHOD  
• TESTEUR ET PROCEDE DE TEST

- (71) OHT INC. [JP/JP]; 1118-1, Aza-Nishichujo, Kannabe-cho, Fukuyasu-gun, Hiroshima 720-2103 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FUJII, Tatsuhisa [JP/JP]; 1-18-32, Zaoh-cho, Fukuyama-shi, Hiroshima 721-0971 (JP). MONDEN, Kazuhiro [JP/JP]; 3-10-31-10, Higashikawaguchi-cho, Fukuyama-shi, Hiroshima 720-0821 (JP). KASAI, Mikiya [JP/JP]; 10-551, Yay-oigaoka, Ekiya-cho, Fukuyama-shi, Hiroshima 720-1135 (JP). ISHIOKA, Shogo [JP/JP]; 827-3, Oaza-kawaminami, Kannabe-cho, Fukuyasu-gun, Hiroshima 720-2124 (JP). YAMAOKA, Shuji [JP/JP]; 693-9, Jitoubu, Seto-cho, Fukuyama-shi, Hiroshima 720-0837 (JP).
- (81) CN KR US.
- 
- (51)<sup>7</sup> G01R 31/02  
(11) WO 03/027689 (13) A1  
(21) PCT/US02/30237  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) en (26) en  
(30) 60/324,252 24 Sep/sep 2001 US (24.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ELECTRICAL TEST PROBES AND METHODS OF MAKING THE SAME  
• SONDES POUR ESSAIS ELECTRIQUES ET PROCÉDES DE FABRICATION DE CELLES-CI
- (71) RIKAI ELECTRONICS INTERNATIONAL [US/US]; 112 Frank Mossberg Drive, Attleboro, MA 02703 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SOUZA, Theresa, R. [US/US]; 70 Kimberly Lane North, Cranston, RI 02921 (US). NELSON, Larre [US/US]; 54 Stone Hedge Lane, Attleboro, MA 02703 (US).
- (74) YOUNG, Michele, J. et al. / etc.; Salter & Michaelson, 321 South Main Avenue, Providence, RI 02903-7128 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> G01R 31/08  
(11) WO 03/027691 (13) A2  
(21) PCT/DE02/03578  
(22) 21 Sep/sep 2002 (21.09.2002)  
(25) de (26) de  
(30) 101 46 859.8 21 Sep/sep 2001 DE (21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND DEVICE FOR LOCALIZING A LINE FAULT  
• PROCÉDE ET DISPOSITIF DE LOCALISATION D'UNE ERREUR DANS UNE LIGNE
- (71) WILLTEK COMMUNICATIONS GMBH [DE/DE]; Gutenbergstr. 2 - 4, 85737 Ismaning (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KLENNER, Günther [DE/DE]; Hammerweg 17b, 83022 Rosenheim (DE).
- (74) VERSCHT, Thomas, K.; Agnesstrasse 64, 80797 München (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01R 31/08, H04J 3/16  
(11) WO 03/027692 (13) A2  
(21) PCT/US02/30472  
(22) 26 Sep/sep 2002 (26.09.2002)  
(25) en (26) en  
(30) 60/324,912 27 Sep/sep 2001 US (27.09.2001)  
(30) 10/252,420 24 Sep/sep 2002 US (24.09.2002)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HARDWARE FILTERING OF UNSOLICITED GRANT SERVICE EXTENDED HEADERS  
• FILTRAGE DU MATERIEL D'ENTETES D'EXTENSION DE SERVICE D'AUTORISATION NON SOLLICITEE
- (71) BROADCOM CORPORATION [US/US]; 16215 Alton Parkway, Irvine, CA 92618-3616 (US).
- (72) PANTELIAS, Niki; 2662 Oriole Lane, Duluth, GA 30096 (US). ZALESKI, Kenneth, G., II; 2920 Waverly Place Drive, Dacula, GA 30019 (US). SHALLOW, Gale; 1490 Oak Springs Drive, Marietta, GA 30066 (US). DENNEY, Lisa; 86 Grandwater Drive, Suwanee, GA 30024 (US).
- (74) SOKOHL, Robert; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US) et al. / etc.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> G01R 31/28  
(11) WO 03/027693 (13) A1  
(21) PCT/IP02/08447  
(22) 22 Aug/août 2002 (22.08.2002)  
(25) ja (26) ja  
(30) 2001-253183 23 Aug/août 2001 JP (23.08.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MEASUREMENT CONTROL APPARATUS  
• APPAREIL DE COMMANDE DE MESURE
- (71) ADVANTEST CORPORATION [JP/JP]; 32-1, Asahi-cho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SAKURAI, Ryuichi [JP/JP]; c/o ADVANTEST Corporation, 32-1, Asahi-cho 1-chome, Nerima-ku, Tokyo 179-0071 (JP). KASAHARA, Toshiharu [JP/JP]; c/o ADVANTEST Corporation, 32-1, Asahi-cho

1-chome, Nerima-ku, Tokyo 179-0071 (JP).  
SAITOH, Chiezoh [JP/JP]; c/o ADVAN-  
TEST Corporation, 32-1, Asahi-cho 1-chome,  
Nerima-ku, Tokyo 179-0071 (JP).

(74) HOSODA, Masutoshi; NEW ATT BLDG.  
7F, 11-7, Akasaka 2-chome, Minato-ku,  
Tokyo 107-0052 (JP).

(81) CA CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G01R 31/28

(11) WO 03/027694 (13) A2

(21) PCT/US02/25078

(22) 7 Aug/août 2002 (07.08.2002)

(25) en (26) en

(30) 09/963,389 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR  
IN-CIRCUIT TESTING OF SOCKETS  
• PROCEDE ET DISPOSITIF DE TEST DE  
SUPPORTS DANS UN CIRCUIT

(71) INTEL CORPORATION [US/US]; 2200  
Mission College Boulevard, Santa Clara, CA  
95052 (US).

(72) HASH, Robert; 400 SE 58th Court, Hills-  
boro, OR 97123 (US).

(74) SKWIERAWSKI, Paul, J. et al. / etc.; An-  
tonelli, 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  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01R 31/316

(11) WO 03/027695 (13) A1

(21) PCT/US02/13464

(22) 29 Apr/avr 2002 (29.04.2002)

(25) en (26) en

(30) 09/965,376 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • THERMAL HEAD FOR MAINTAINING  
A CONSTANT TEMPERATURE OF A  
DUT  
• TETE THERMIQUE DESTINEE A  
MAINTENIR CONSTANTE LA TEM-  
PERATURE D'UN DISPOSITIF TESTE

(71) ADVANCED MICRO DEVICES, INC.  
[US/US]; One AMD Place, Mail Stop 68,  
P.O. Box 34553, Sunnyvale, CA 94088-3453  
(US).

(72) TOUZELBAEV, Maxat; 10 Pasa Robles,  
Los Altos, CA 94022 (US).

(74) RODDY, Richard, J.; Advanced Micro De-  
vices, Inc., One AMD Place, Mail Stop 68,  
Sunnyvale, CA 94088-3453 (US).

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

(51)<sup>7</sup> G01R 31/3185

(11) WO 03/027696 (13) A2

(21) PCT/EP02/09689

(22) 30 Aug/août 2002 (30.08.2002)

(25) de (26) de

(30) 01122773.3 21 Sep/sep 2001 EP  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ELECTRONIC COMPONENT AND  
METHOD FOR MEASURING ITS  
QUALIFICATION  
• COMPOSANT ELECTRONIQUE ET  
PROCEDE DE MESURE DE SA QUA-  
LIFICATION

(71) SIEMENS AKTIENGESELLSCHAFT  
[DE/DE]; Wittelsbacherplatz 2, 80333  
München (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KRAUSE, Karlheinz [DE/DE];  
Rudolfstrasse 92, 82152 Planegg (DE).  
GHAMESHLU, Majid [AT/AT]; Kopal-  
gasse 40/10, A-1110 Wien (AT). EPPEN-  
STEINER, Friedrich [AT/AT]; Amalien-  
strasse 51/448, A-1130 Wien (AT).

(74) SIEMENS AKTIENGESELLSCHAFT;  
Postfach 22 16 34, 80506 München (DE).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : CN EP (AT BE BG CH  
CY CZ DE DK EE ES FI FR GB GR IE IT LU MC  
NL PT SE SK TR)  
(u) for / pour US only / seulement

(51)<sup>7</sup> G01R 31/3185

(11) WO 03/027697 (13) A2

(21) PCT/EP02/09690

(22) 30 Aug/août 2002 (30.08.2002)

(25) de (26) de

(30) 01122774.1 21 Sep/sep 2001 EP  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ELECTRONIC COMPONENT  
• COMPOSANT ELECTRONIQUE

(71) SIEMENS AKTIENGESELLSCHAFT  
[DE/DE]; Wittelsbacherplatz 2, 80333  
München (DE).

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

(72, 75) GHAMESHLU, Majid [AT/AT]; Kopal-  
gasse 40/10, A-1110 Wien (AT). KRAUSE,  
Karlheinz [DE/DE]; Rudolfstrasse 92, 82152  
Planegg (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 IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : EP (AT BE BG CH CY  
CZ DE DK EE ES FI FR GB GR IE IT LU MC  
NL PT SE SK TR)  
(u) for / pour US only / seulement

(51)<sup>7</sup> G01R 33/032

(11) WO 03/027698 (13) A1

(21) PCT/DE02/03272

(22) 4 Sep/sep 2002 (04.09.2002)

(25) de (26) de

(30) 101 45 764.2 17 Sep/sep 2001 DE  
(17.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND ARRANGEMENT FOR  
MEASURING A MAGNETIC FIELD  
WITH THE AID OF THE FARADAY  
EFFECT  
• PROCEDE ET DISPOSITIF POUR ME-  
Surer UN CHAMP MAGNETIQUE AU  
MOYEN DE L'EFFET FARADAY

(71) SIEMENS AKTIENGESELLSCHAFT  
[DE/DE]; Wittelsbacherplatz 2, 80333  
München (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KRÄMMER, Peter [DE/DE]; Österre-  
icherstr. 28, 91052 Erlangen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT;  
Postfach 22 16 34, 80506 München (DE).

(81) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : CA JP EP (AT BE BG  
CH CY CZ DE DK EE ES FI FR GB GR IE IT LU  
MC NL PT SE SK TR)  
(u) for / pour US only / seulement

(51)<sup>7</sup> G01R 33/36

(11) WO 03/027699 (13) A1

(21) PCT/FR02/03264

(22) 25 Sep/sep 2002 (25.09.2002)

(25) fr (26) fr

(30) 01/12361 26 Sep/sep 2001 FR  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTIPURPOSE CONNECTION/RE-  
CEPTION DEVICE FOR NUCLEAR  
MAGNETIC RESONANCE IMAGER  
• DISPOSITIF UNIVERSEL DE  
CONNEXION/RECEPTION POUR UN

IMAGEUR PAR RESONANCE MAGNETIQUE NUCLEAIRE

(71) UNIVERSITE CLAUDE BERNARD LYON 1 [FR/FR]; 43, Boulevard du 11 Novembre 1918, F-69622 Villeurbanne Cedex (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C. N. R. S.) [FR/FR]; 3, Rue Michel Ange, F-75794 Paris Cedex 16 (FR).

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

(72, 75) SAINT-JALMES, Hervé [FR/FR]; 32, Rue Louis Thévenet, F-69004 Lyon (FR). BEUF, Olivier [FR/FR]; 57, rue des Maures, F-69250 Montanay (FR).

(74) THIBAULT, Jean-Marc; Cabinet Beau de Loménie, 51, Avenue Jean Jaurès, B. P. 7073, F-69301 Lyon Cedex 07 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01R 33/46

(11) WO 03/027700 (13) A1

(21) PCT/US02/28407

(22) 6 Sep/sep 2002 (06.09.2002)

(25) en (26) en

(30) 09/964,938 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TECHNIQUE FOR MULTIDIMENSIONAL NMR DATA COLLECTION

• TECHNIQUE DE COLLECTE DE DONNEES RMN MULTIDIMENSIONNELLES

(71) BATTELLE MEMORIAL INSTITUTE [US/US]; P.O. Box 999, Richland, WA 99352 (US).

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

(72, 75) LOWRY, David, F. [US/US]; 3203 Mount Saint Helens Court, West Richland, WA 99353 (US).

(74) BRADSHAW, John, M. et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL

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

Published / Publiée : (a)

(51)<sup>7</sup> G01R 33/563

(11) WO 03/027701 (13) A1

(21) PCT/US02/29181

(22) 13 Sep/sep 2002 (13.09.2002)

(25) en (26) en

(30) 09/962,890 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MAGNETIC RESONANCE ANGIOGRAPHY USING FLOATING TABLE PROJECTION IMAGING

• ANGIOGRAPHIE PAR RESONANCE MAGNETIQUE A IMAGERIE PAR PROJECTION DE TABLE FLOTTANTE

(71) WISCONSIN ALUMNI RESEARCH FOUNDATION [US/US]; 614 Walnut Street, Madison, WI 53705 (US).

(72) MISTRETTA, Charles, A.; 843 Farwell Drive, Madison, WI 53704 (US).

(74) SAMMONS, Barry, E.; Quarles & Brady LLP, 411 E. Wisconsin Avenue, Milwaukee, WI 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G01S

(11) WO 03/027702 (13) A2

(21) PCT/DE02/02296

(22) 21 Jun/juin 2002 (21.06.2002)

(25) de (26) de

(30) 101 42 170.2 29 Aug/août 2001 DE (29.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PULSE RADAR ARRANGEMENT

• ENSEMBLE RADAR PULSE

(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) GOTTWALD, Frank [DE/DE]; Scheibserstr. 41, 71277 Rutesheim (DE). SCHLICK, Michael [DE/DE]; Woeschbacher Str. 77, 76372 Pfinztal (DE). TOENNESEN, Tore [DE/DE]; Biberacher Str. 95, 72760 Reutlingen (DE). HAENSEL, Jens [DE/DE]; Elsterweg 6, 71229 Leonberg (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> G01S

(11) WO 03/027703 (13) A2

(21) PCT/US02/28139

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 60/325,025 26 Sep/sep 2001 US (26.09.2001)

(30) 09/994,015 27 Nov/nov 2001 US (27.11.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AN EMBEDDED CHIRP SIGNAL FOR POSITION DETERMINATION IN CELLULAR COMMUNICATION SYSTEMS

• SIGNAL A MODULATION DE FREQUENCE INTEGRE POUR DETERMINER DES POSITIONS DANS DES SYSTEMES DE COMMUNICATION CELLULAIRE

(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) ORR, Richard, S. [US/US]; 9837 Meadowcroft Lane, Montgomery Village, MD 20886 (US).

(74) LYTTLE, J., Warren, Jr.; Epstein, Edell, Shapiro, Finnan & Lytle, LLC, 1901 Research Boulevard, Suite 400, Rockville, MA 20850 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01S

(11) WO 03/027704 (13) A2

(21) PCT/US02/29751

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 09/960,241 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SATELLITE ATTITUDE ADJUSTMENT FOR GPS INITIALIZATION

• CORRECTION DE POSTURE SATELLITAIRE POUR INITIALISATION GPS

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) RING, Jeffrey, R.; 4600 Orange Grove Way, Palm Harbor, FL 34684 (US).

(74) CRISS, Roger, H. et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

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



DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01S 5/12

(11) WO 03/027705 (13) A2

(21) PCT/DE02/03577

(22) 21 Sep/sep 2002 (21.09.2002)

(25) de (26) de

(30) 101 46 829.6 21 Sep/sep 2001 DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND DEVICE FOR DETERMINING THE POSITION OF A BASE STATION

• PROCEDE ET DISPOSITIF DE DETERMINATION DE L'EMPLACEMENT D'UNE STATION DE BASE

(71) WILLTEK COMMUNICATIONS GMBH [DE/DE]; Gutenbergstr. 2-4, 85737 Ismaning (DE).

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

(72, 75) KLENNER, Günther [DE/DE]; Hammerweg 17b, 83022 Rosenheim (DE).

(74) VERSCHT, Thomas, K.; Agnesstrasse 64, 80797 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01S 11/10, 5/02, B61L 25/00

(11) WO 03/027706 (13) A1

(21) PCT/EP02/08857

(22) 8 Aug/août 2002 (08.08.2002)

(25) de (26) de

(30) 101 47 462.8 20 Sep/sep 2001 DE (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND DEVICE FOR LOCATING VEHICLES BY MEANS OF THE DOPPLER SHIFT OF MOBILE RADIO SIGNALS

• PROCEDE ET DISPOSITIF DE LOCALISATION DE VEHICULES PAR LE BIAIS DU DECALAGE DOPPLER DE SIGNAUX RADIO MOBILES

(71) BOMBARDIER TRANSPORTATION GMBH [DE/DE]; Saatwinkler Damm 43, 13627 Berlin (DE).

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

(72, 75) GU, Xiaogang [CN/DE]; Wernauer Weg 45, 89155 Erbach (DE).

(74) MEYER, Hans-Joachim; Cohausz & Florack, Kanzlerstrasse 8a, 40472 Düsseldorf (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01S 13/00

(11) WO 03/027707 (13) A2

(21) PCT/DE02/02295

(22) 21 Jun/juin 2002 (21.06.2002)

(25) de (26) de

(30) 101 42 172.9 29 Aug/août 2001 DE (29.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PULSE RADAR ARRANGEMENT

• ENSEMBLE RADAR PULSE

(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) GOTTWALD, Frank [DE/DE]; Scheibbsstr. 41, 71277 Rutesheim (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> G01S 13/32, 7/35

(11) WO 03/027708 (13) A1

(21) PCT/DE02/02251

(22) 20 Jul/juil 2002 (20.07.2002)

(25) de (26) de

(30) 101 42 171.0 29 Aug/août 2001 DE (29.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CW RADAR FOR DETERMINING THE OBJECT DISTANCE BY MEANS OF THE TRANSIT TIME OF A PHASE JUMP APPLIED TO THE CW SIGNAL

• RADAR A ONDES CONTINUES PERMETTANT DE DETERMINER LA DISTANCE D'UN OBJET SUR LA BASE DU TEMPS DE PROPAGATION D'UN SAUT DE PHASE APPLIQUE AU SIGNAL D'ONDES CONTINUES

(71) ROBERT BOSCH GMBH. [DE/DE]; POSTFACH 30 02 20, 70442 Stuttgart, Bundesrepublik Duetschland (DE) (DE).

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

(72, 75) GOTTWALD, Frank [DE/DE]; Scheibbsstrasse 41, 71277 Rutesheim (DE). STEINBUCH, Dirk [DE/DE]; Lohlenbachweg 17, 71229 Leonberg (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G01S 13/36, 13/88

(11) WO 03/027709 (13) A1

(21) PCT/DE02/03384

(22) 11 Sep/sep 2002 (11.09.2002)

(25) de (26) de

(30) 101 46 586.6 21 Sep/sep 2001 DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CLOSE-RANGE RADAR SENSOR WITH PHASE-DIFFERENCE MEASUREMENT

• DETECTEUR RADAR POUR COURTES DISTANCES, A MESURE DE DEPHASAGE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) SCHERTLEN, Ralph [DE/DE]; Kentuckyallee 56, 76149 Karlsruhe (DE). VENOT, Yan [DE/DE]; Tennesseeallee 86, 76149 Karlsruhe (DE). WIESBECK, Werner [DE/DE]; Ettlinger Strasse 36, 75210 Ellmendingen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)<sup>7</sup> G01V

(11) WO 03/027710 (13) A2

(21) PCT/DE02/02795

(22) 31 Jul/juil 2002 (31.07.2002)

(25) de (26) de

(30) 101 42 785.9 31 Aug/août 2001 DE (31.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR THE DETERMINATION OF LOCAL SIMILITUDE FROM SEISMIC 3D MEASURED DATA

• PROCEDE POUR DETERMINER DES SIMILITUDES LOCALES A PARTIR DE DONNEES SISMQUES MESUREES EN 3D

(71, 72) TRAPPE, Henning [DE/DE]; Burgwedeler Strasse 89, 30916 Isernhagen (DE).

- (72, 75) PRÜSSMANN, Jürgen [DE/DE]; Rosenweg 9, 30938 Burgwedel (DE).
- (74) HANSEN, Jochen; Eisenbahnstrasse 5, 21680 Stade (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01V  
(11) WO 03/027711 (13) A2  
(21) PCT/US02/18431  
(22) 11 Jun/juin 2002 (11.06.2002)  
(25) en (26) en  
(30) 60/297,354 11 Jun/juin 2001 US (11.06.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • APPARATUS AND METHOD FOR DISTRIBUTED CONTROL OF SEISMIC DATA ACQUISITION  
• APPAREIL ET PROCEDE POUR LA COMMANDE REPARTIE DE L'ACQUISITION DE DONNEES SISMiques
- (71) INPUT/OUTPUT, INC. [US/US]; 12300 Parc Crest Drive, Stafford, TX 77477 (US).
- (72) WILSON, David; 4431 Westray Drive, Missouri City, TX 77459 (US). BEHN, Lawrence; 1011 Cross Roads Drive, Houston, TX 77079 (US). DOWNEY, John, C., Jr.; 11827 Chase Lake Drive, Houston, TX 77077 (US). BISHOP, Allen, James; 12300 Parc Crest Drive, Stafford, TX 77477 (US).
- (74) BYNUM, Todd, A.; Madan, Mossman & Sriram PC, Suite 700, 2603 Augusta, Houston, TX 77057 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 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).
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- (51)<sup>7</sup> G01V  
(11) WO 03/027712 (13) A2  
(21) PCT/US02/30762  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) en (26) en  
(30) 09/965,308 27 Sep/sep 2001 US (27.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • A METHOD AND APPARATUS FOR DYNAMICALLY CONTROLLED BUOYANCY OF TOWED ARRAYS  
• PROCEDE ET DISPOSITIF DE REGLAGE DYNAMIQUE DE LA FLOTABILITE DE RESEAUX REMORQUES
- (71) WESTERNGECO L.L.C. [US/US]; 10001 Richmond Avenue, Houston, TX 77042 (US).
- (72) AMBS, Loran, D.; 5103 Firethorne Court, Fairfax, VA 22030 (US).
- (74) FIGATNER, David, S.; WesternGeco L.L.C., P.O. Box 2469, Houston, TX 77252-2469 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01V 1/40  
(11) WO 03/027713 (13) A2  
(21) PCT/US02/28604  
(22) 9 Sep/sep 2002 (09.09.2002)  
(25) en (26) en  
(30) 09/957,919 21 Sep/sep 2001 US (21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • QUADRUPOLE ACOUSTIC SHEAR WAVE LOGGING WHILE DRILLING  
• SONDAGE ACOUSTIQUE QUADRUPOLAIRE D'ONDES DE CISAILLEMENT EFFECTUE EN COURS DE FORAGE
- (71) SERVICES PETROLIERS SCHLUMBERGER [FR/FR]; 42 Rue Saint-Dominique, F-75007 Paris (FR). SCHLUMBERGER CANADA LIMITED [CA/CA]; 525 - 3rd Avenue S.W., Calgary, Alberta T2P 0G4 (CA). PRAD RESEARCH AND DEVELOPMENT N.V. [NL/NL]; De Ruyterkade 62, Willemstad, Curacao (AN). SCHLUMBERGER TECHNOLOGY B.V. [NL/NL]; Parkstraat 83-89, NL-2514 JG The Hague (NL). SCHLUMBERGER OVERSEAS S.A. [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA). SCHLUMBERGER SURENCO S.A. [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA). SCHLUMBERGER HOLDINGS LIMITED [—/—]; P.O. Box 71, Craigmuir Chambers, Road Twon, Tortola, British Virgin Islands (VG).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HSU, Chaur-Jian [US/US]; 35 East Gate Road, Danbury, CT 06811 (US). PABON, Jahir, A. [US/US]; 16 Cawdor Burn Road, Brookfield, CT 06804 (US). SINHA, Bikash, K. [US/US]; 39 Topleadge Road, West Redding, CT 06896-1807 (US). ASVADUROV, Sergey [RU/US]; 14 Candlelight Drive, Danbury, CT 06811 (US).
- (74) DESTEFANIS, Jody, Lynn et al. / etc.; Intellectual Property Law Department, Schlumberger-Doll Research, Old Quarry Road, Ridgefield, CT 06877-4108 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01V 3/00, 3/10, E21B 47/02, C09K 7/00  
(11) WO 03/027714 (13) A1  
(21) PCT/US02/30227  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) en (26) en  
(30) 60/324,655 25 Sep/sep 2001 US (25.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • COMMON INTERFACE ARCHITECTURE FOR HORIZONTAL DIRECTIONAL DRILLING MACHINES AND WALK-OVER GUIDANCE SYSTEMS  
• ARCHITECTURE D'INTERFACE COMMUNIE POUR MACHINES DE FORAGE HORIZONTAL ET SYSTEMES DE GUIDAGE DE SURFACE
- (71) VERMEER MANUFACTURING COMPANY [US/US]; 2411 Highway 102, Pella, IA 50219 (US).
- (72) JIN, Jeremy; 2281 Dakota Wood Drive, Pella, IA 50219 (US). REMPE, Scott; 2359 Lucas Drive, Pella, IA 50219 (US).
- (74) HOLLINGSWORTH, Mark, A.; Crawford PLLC, 1270 Northland Drive, Suite 390, St. Paul, MN 55120 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01V 7/00  
(11) WO 03/027715 (13) A1  
(21) PCT/GB02/04380  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) en (26) en  
(30) 0123270.1 27 Sep/sep 2001 GB (27.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS FOR THE MEASUREMENT OF GRAVITATIONAL GRADIENTS

• APPAREIL DE MESURE DE GRADIENTS GRAVITATIONNELS

(71) GRAVITEC INSTRUMENTS LIMITED [BS/—]; Suite 5, Tower Hill House, Le Borage, St. Peter Port, Guernsey GY1 3QT (GB).

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(71) TOMLINSON, Kerry, John [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(only for / seulement pour LC)

(72, 75) VERYASKIN, Alexey, Vladimirovich [NZ/NZ]; 25 Taylor Street, Blockhouse Bay, Auckland (NZ).

(74) TOMLINSON, Kerry, John; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(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) 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 MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01V 07/00, 03/26, E02D 03/08, 03/10, G01N 33/24, F21B 49/00

(11) WO 03/027716 (13) A1

(21) PCT/US02/30235

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/965,317 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IN SITU METHOD FOR DETERMINING SOIL LIQUEFACTION TENDENCY AND ITS PREVENTION BY ELECTRO-OSMOSIS

• PROCEDE LOCALISE PERMETTANT DE DETERMINER LA TENDANCE A LA LIQUEFACTION D'UN SOL ET PREVENTION DE CELLE-CI PAR ELECTRO-OSMOSE

(71) GEOSIERRA LLC [US/US]; 3730 Chamblee Tucker Road, Atlanta, GA 30341 (US).

(72) HOCKING, Grant; 3973 Merriweather Woods Drive, Alpharetta, GA 30022 (US).

(74) LISCHER, Dale et al. / etc.; Smith, Gambrell & Russell, LLP, Suite 3100, Promenade II, 1230 Peachtree Street, N.E., Atlanta, GA 30309-3592 (US).

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

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 03/027717 (13) A1

(21) PCT/GB02/04317

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 0122929.3 24 Sep/sep 2001 GB (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SONDE

• SONDE

(71) ABB OFFSHORE SYSTEMS LIMITED [GB/GB]; 2 High Street, Nailsea, Bristol BS19 1BS (GB).

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(72, 75) HAHM, Svein [NO/NO]; Odins Gate, N-0266 Oslo (NO). JONES, Robert, Hughes [GB/GB]; 42 The Gluyas, Falmouth, Cornwall TR11 4SE (GB). JACQUES, Paul, Steven [GB/GB]; Tallandside, The Belyars, St Ives, Cornwall TR26 2DP (GB). WASON, Will [GB/GB]; 16 Victoria Square, Penzance, Cornwall TR18 2EP (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT 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)<sup>7</sup> G01V 15/00, A01K 11/00

(11) WO 03/027718 (13) A1

(21) PCT/SE02/01771

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 0103268-9 28 Sep/sep 2001 SE (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A METHOD AND A SYSTEM FOR CONTROLLING MEAT PRODUCTS

• PROCEDE ET SYSTEME DE CONTROLE DE PRODUITS CARNES

(71) TELENVIRONMENT AB [SE/SE]; Stureplan 4C, S-114 35 Stockholm (SE).

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(72, 75) ANDERSSON, Håkan [SE/GB]; Bucklands, Furze Hill, Kingswood KT20 6EP (GB).

(74) FALK, Christer et al. / etc.; Zacco Sweden AB, Box 23101, S-104 35 Stockholm (SE).

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

(51)<sup>7</sup> G01W 1/14

(11) WO 03/027719 (13) A1

(21) PCT/FI02/00759

(22) 23 Sep/sep 2002 (23.09.2002)

(25) fi (26) en

(30) 20011875 24 Sep/sep 2001 FI (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PRECIPITATION SENSOR AND METHOD FOR PRECIPITATION RATE MEASUREMENT

• CAPTEUR DE PRECIPITATION ET PROCEDE DE MESURE DE TAUX DE PRECIPITATION

(71) VAISALA OYJ [FI/FI]; P.O. Box 26, FIN-00421 Helsinki (FI).

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

(72, 75) IKONEN, Jouni [FI/FI]; Servin-Maijan tie 10 C 38, FIN-02150 Espoo (FI). POKKALA, Jorma [FI/FI]; Ylönkyläntie 32, FIN-25610 Ylönkylä (FI). TURTAJAINEN, Heikki [FI/FI]; Vantaanjänne 2 A 4, FIN-01730 Vantaa (FI).

(74) SEPPÖ LAINE OY; Itämerenkatu 3 B, FIN-00180 Helsinki (FI).

(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 SD SE SG SI SK (Utility model / modèle d'utilité) 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01W 1/14
- (11) WO 03/027720 (13) A1
- (21) PCT/FI02/00760
- (22) 23 Sep/sep 2002 (23.09.2002)
- (25) fi (26) en
- (30) 20011876 24 Sep/sep 2001 FI (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PRECIPITATION/HAIL SENSOR AND METHOD FOR PRECIPITATION RATE MEASUREMENT
- DETECTEUR DE PRECIPITATION/GRELE ET PROCEDE DE MESURE DU TAUX DE PRECIPITATION
- (71) VAISALA OYJ [FI/FI]; P.O. Box 26, FIN-00421 Helsinki (FI).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LUUKKALA, Mauri [FI/FI]; Haukilahdenranta 23 B 5, FIN-02170 Espoo (FI). SALMI, Atte [FI/FI]; Mailatie 14 F, FIN-01280 Vantaa (FI). IKONEN, Jouni [FI/FI]; Servin-Maijan tie 10 C 38, FIN-02150 Espoo (FI). LÖNNQVIST, Jan [FI/FI]; Otakuja 3 D 53, FIN-02150 Espoo (FI). TURTIAINEN, Heikki [FI/FI]; Vantaanjänne 2 A 4, FIN-01730 Vantaa (FI).
- (74) SEPPO LAINE OY; Itämerenkatu 3 B, FIN-00180 Helsinki (FI).
- (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 SD SE SG SI SK (Utility model / modèle d'utilité) 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G02B
- (11) WO 03/027722 (13) A2
- (21) PCT/KR02/01814
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) ko (26) en
- (30) 2001/29932 U 28 Sep/sep 2001 KR (28.09.2001)
- (30) 2001/29933 U 28 Sep/sep 2001 KR (28.09.2001)
- (30) 2001/29934 U 28 Sep/sep 2001 KR (28.09.2001)
- (30) 2002/57695 24 Sep/sep 2002 KR (24.09.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • OPTICAL FIBER SEWING MACHINE AND MANUFACTURING METHOD OF PRODUCTS PRODUCED USING IT
- MACHINE A COUDRE DE FIBRES OPTIQUES ET PROCEDE DE FABRICATION DE PRODUITS AU MOYEN D'UNE TELLE MACHINE
- (71) DECORAY CO., LTD. [KR/KR]; 2nd Foundation Center, Dejeon Polytechnic College, 106-2, Gayang 2-dong, Dong-gu, 300-702 Daejeon (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIM, Tae-Young [KR/KR]; Ga-102, Wolgok Apt., Gangnae-myeon, Cheongwon-gun, 363-890 Chungcheongbuk-do (KR). PARK, Jae-Wook [KR/KR]; 107-905, Doosan Apt., 1708, Bongcheonbon-dong, Gwanak-gu, 151-782 Seoul (KR).
- (74) HONG, Sung-Pyo et al. / etc.; #202, New Seoul Bldg., 828-8, Yeoksam-dong, Kangnam-gu, 135-080 Seoul (KR).
- (81) AU BR CA ID JP NZ RU TR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> G02B
- (11) WO 03/027723 (13) A2
- (21) PCT/US02/23601
- (22) 24 Jul/juil 2002 (24.07.2002)
- (25) en (26) en
- (30) 60/307,488 24 Jul/juil 2001 US (24.07.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND APPARATUS FOR BONDED FLUIDIC CIRCUIT FOR OPTICAL BIO-DISC
- PROCEDE ET DISPOSITIF DE FABRICATION D'UN DISQUE BIOLOGIQUE OPTIQUE EQUIPE D'UN CIRCUIT FLUIDIQUE, FORME A PARTIR DE DEUX DISQUES COLLES L'UN CONTRE L'AUTRE
- (71) BURSTEIN TECHNOLOGIES, INC. [US/US]; 163 Technology Drive, Suite 200, Irvine, CA 92618 (US).
- (72) SASAKI, Glenn; 163 Technology Drive, Suite 200, Irvine, CA 92618 (US).
- (74) HARRIMAN II, J.D. et al. / etc.; Coudert Brothers LLP, 333 South Hope Street, Suite 2300, Los Angeles, CA 90071 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G02B
- (11) WO 03/027724 (13) A2
- (21) PCT/US02/30292
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/325,855 27 Sep/sep 2001 US (27.09.2001)
- (30) 60/325,968 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • IMAGING OF MICROARRAYS USING FIBER OPTIC EXCITER
- IMAGERIE DE MICRORESEAUX AU MOYEN D'UN SYSTEME D'EXCITATION A FIBRES OPTIQUES
- (71) BIO-RAD LABORATORIES, INC. [US/US]; 1000 Alfred Nobel Drive, Hercules, CA 94547 (US).

(72) NAGHIEH, Harry, R.; 28070 Fox Hollow Drive, Hayward, CA 94542 (US). HILLEN-DAHL, James, W.; 1006 Fallen Leaf Court, Vacaville, CA 95687 (US). WALDBESER, David, E.; 27 Goree Court, Martinez, CA 94553 (US).

(74) HEINES, M., Henry 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B

(11) WO 03/027725 (13) A2

(21) PCT/US02/30996

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 09/966,484 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ALIASING REDUCING

- REDUCTION DU REPLIEMENT DU SPECTRE

(63) US 09/966,484 (CON) 28 Sep/sep 2001 (28.09.2001)

(71) MOSAIC IMAGING, INC. [US/US]; 873 Great Road, P.O. Box 299, Stow, MA 01775 (US).  
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(72, 75) RADL, Bruce, M. [US/US]; 255 W Acton Road, Stow, MA 01775-1166 (US).

(74) HIEKEN, Charles; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B

(11) WO 03/027726 (13) A2

(21) PCT/US02/31182

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,641 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LONG WAVELENGTH OPTICAL AMPLIFIER

- AMPLIFICATEUR OPTIQUE DE GRANDE LONGUEUR D'ONDE

(71) PHOTON-X, INC. [US/US]; 291 Great Valley Parkway, Malvern, PA 19355 (US).

(72) YENIAY, Aydin; 413 Strafford Ave., #3A, Strafford, PA 19087 (US).

(74) MAENNER, Joseph, E.; Monte & McGraw, P.C., P.O. Box 650, 4007 Skippack Pike, Skippack, PA 19474 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 1/02, 6/122

(11) WO 03/027727 (13) A1

(21) PCT/JP02/09781

(22) 24 Sep/sep 2002 (24.09.2002)

(25) ja (26) ja

(30) 2001-289772 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CYCLIC STRUCTURE AND PRODUCTION METHOD THEREOF

- STRUCTURE CYCLIQUE ET PROCEDE DE PRODUCTION DE CETTE STRUCTURE

(71) BANDO CHEMICAL INDUSTRIES, LTD. [JP/JP]; 2-15, Meiwadori 3-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0883 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) TAKESUE, Masafumi [JP/JP]; c/o BANDO CHEMICAL INDUSTRIES, LTD., 2-15, Meiwadori 3-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0883 (JP).

(74) YASUTOMI, Yasuo et al. / etc.; Chuo BLDG., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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/JP02/09855

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001-292633 25 Sep/sep 2001 JP (25.09.2001)

(30) 2002-241353 22 Aug/août 2002 JP (22.08.2002)

(30) 2002-241373 22 Aug/août 2002 JP (22.08.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMPOSITION FOR OPTICAL MATERIAL, OPTICAL MATERIAL AND PHOTOCROMIC LENS

- COMPOSITIONS POUR MATERIAU OPTIQUE, MATERIAU OPTIQUE ET LENTILLE PHOTOCROMIQUE

(71) NOF CORPORATION [JP/JP]; 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-0013 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) KUWADA, Mutsuo [JP/JP]; 2-26-1-101, Akenonishi, Oita-shi, Oita 870-0164 (JP). TANAKA, Katsuyoshi [JP/JP]; 2-26-1-301, Akenonishi, Oita-shi, Oita 870-0164 (JP). TAKAOKA, Toshiaki [JP/JP]; 1-1, Furugou, Oita-shi, Oita 870-0844 (JP).

(74) SAKAI, Hajime et al. / etc.; Shuwa Kioicho TBR Building, 7, Kojimachi 5-chome, Chiyoda-ku, Tokyo 102-0083 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 5/28

(11) WO 03/027729 (13) A1

(21) PCT/US02/23149

(22) 18 Jul/juil 2002 (18.07.2002)

(25) en (26) en

(30) 09/961,750 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LENS COATING TO REDUCE EXTERNAL FOGGING OF SCOPE LENSES

- REVETEMENT DE LENTILLE VISANT A REDUIRE L'EMBUAGE EXTERNE DE LENTILLE DE LUNETTE

(71) BUSHNELL CORPORATION [US/US]; 9200 Cody, Overland Park, KS 66214 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) CROSS, John, W. [US/US]; 11743 Oakmont, Overland Park, KS 66210 (US).

- (74) LUEBBERING, Thomas, B.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G02B 5/30, 5/04

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(25) ja (26) ja

(30) 2001/292249 25 Sep/sep 2001 JP (25.09.2001)

(30) 2002/237050 15 Aug/août 2002 JP (15.08.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • POLARIZATION BEAM SPLITTER AND POLARIZER USING THIS
- DIVISEUR DE FAISCEAU DE POLARISATION ET POLARISEUR COMPORTANT LEDIT DIVISEUR DE FAISCEAU

(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) KAGAWA, Masaki [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SASAKI, Toshio [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) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)<sup>7</sup> G02B 5/30, G02F 1/1335

(11) WO 03/027731 (13) A1

(21) PCT/US02/26234

(22) 16 Aug/août 2002 (16.08.2002)

(25) en (26) en

(30) 09/965,417 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • METHODS FOR MAKING POLARIZATION ROTATORS AND ARTICLES CONTAINING THE POLARIZATION ON ROTATORS

- PROCEDES DE FABRICATION DE ROTATEURS DE POLARISATION ET ARTICLES CONTENANT CES ROTATEURS DE POLARISATION

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) ALLEN, Richard, C.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). BOWLEY, Christopher, C.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). PANKRATZ, Stephan, J.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). WATSON, Philip, E.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) BLACK, Bruce E., et al. / etc.; Office of Intellectual Property Counsel, Saint Paul, MN 55133-3427 (US).

(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 SD SE SG SI 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 IE IT LU MC NL PT SE 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 03/027732 (13) A2

(21) PCT/DE02/02893

(22) 7 Aug/août 2002 (07.08.2002)

(25) de (26) de

(30) 101 46 120.8 19 Sep/sep 2001 DE (19.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • DEVICE COMPRISING A GLASS FIBER COUPLED WITH AN OPTICAL ELEMENT, AND METHOD FOR PRODUCING THE SAME

- DISPOSITIF COMPRENANT UNE FIBRE DE VERRE COUPLEE A UN ELEMENT OPTIQUE, ET PROCEDE POUR SA REALISATION

(71) CUBE OPTICS AG [DE/DE]; Robert-Koch-Str. 30, 55129 Mainz (DE).

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

(72, 75) BERNAU, Axel [DE/DE]; Wilhelmstr. 40, 55128 Mainz (DE). SMAGLINSKI, Ingo [DE/DE]; Sophie-Kohn-Strasse 4, 55122 Mainz (DE). HAASE, Jens [DE/DE]; Philipp-Wasserburg-Str. 60, 55122 Mainz (DE).

(74) WEBER, Dieter et al. / etc.; Weber, Seiffert, Lieke, Taunusstr. 5a, 65183 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 6/00

(11) WO 03/027733 (13) A2

(21) PCT/JP02/09706

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 2001-288747 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • ASSEMBLY INCLUDING AN OPTICAL FIBER SOCKET AND AN OPTICAL FIBER PLUG

- ENSEMBLE COMPRENANT UN PORT ET UNE FICHE A FIBRE OPTIQUE

(71) ASAHI GLASS COMPANY, LIMITED [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8405 (JP). MATSUSHITA ELECTRIC WORKS, LTD. [JP/JP]; 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). SANWA DENKI KOGYO CO., LTD. [JP/JP]; 4-15-9, Nakano, Nakano-ku, Tokyo 164-0001 (JP).

(72) WATANABE, Yuji; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). TSUKAMOTO, Takashi; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). HISANO, Tsuyoshi; c/o Matsushita Electric Works, Ltd., 1048, Kadoma, Kadoma-shi, Osaka 571-8686 (JP). KITAGAWA, Katsunori; c/o Matsushita Electric Works, Ltd., 1048, Kadoma, Kadoma-shi, Osaka 571-8686 (JP). FURUFUJI, Kenji; c/o Matsushita Electric Works, Ltd., 1048, Kadoma, Kadoma-shi, Osaka 571-8686 (JP). HIOKI, Yasusuke; c/o Sanwa Denki Kogyo Co., Ltd., 4-15-9, Nakano, Nakano-ku, Tokyo 164-0001 (JP). HOJO, Mikio; c/o Sanwa Denki Kogyo Co., Ltd., 4-15-9, Nakano, Nakano-ku, Tokyo 164-0001 (JP). NAKANO, Katsuyuki; c/o Sanwa Denki Kogyo Co., Ltd., 4-15-9, Nakano, Nakano-ku, Tokyo 164-0001 (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 KE KG 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 6/00

(11) WO 03/027734 (13) A1

(21) PCT/US02/30476

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/325,043 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • OPTICAL FIBER ARRAY WITH VARIABLE FIBER ANGLE ALIGNMENT AND METHOD FOR THE FABRICATION THEREOF

• RESEAU DE FIBRE OPTIQUE A ALIGNEMENT ANGULAIRE DE FIBRE VARIABLE ET PROCEDURE DE FABRICATION DE CE RESEAU

(71) SHIPLEY COMPANY, LLC [US/US]; 455 Forest Street, Marlborough, MA 01752 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) JEANTILUS, Arden [US/US]; 1700 Foxhunt Lane, Apt. K, Blacksburg, VA 24060 (US). SHERRER, David, W. [US/US]; 3291 Deer Run Road, Blacksburg, VA 24060 (US).

(74) HAUN, Niels; 1601 Market Street, Suite 720, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 03/027735 (13) A1

(21) PCT/DE01/03602

(22) 14 Sep/sep 2001 (14.09.2001)

(25) de (26) de

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • OPTICAL ARRANGEMENT AND TRANSDUCER MODULE FOR BI-DIRECTIONAL OPTICAL WDM SYSTEMS AND OPTICAL DATA TRANSMISSIONS

• DISPOSITIF OPTIQUE ET MODULE EMETTEUR/RECEPTEUR DESTINE A DES SYSTEMES WDM OPTIQUES BI-DIRECTIONNELS ET A DES TRANSMISSIONS DE DONNEES OPTIQUES

(71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).

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(72, 75) BAUMANN, Ingo [DE/DE]; Lindenstrasse 24E, 85604 Zorneding (DE). GAO, Zhan [DE/DE]; Ludwig-Erhard-Allee 18, 81739 München (DE).

(74) MÜLLER, Wolfram, H.; Maikowski & Ninnemann, Kurfürstendamm 54-55, 10707 Berlin (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 PH PL PT RO RU SD SE SG SI 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 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).

(51)<sup>7</sup> G02B 6/12

(11) WO 03/027736 (13) A1

(21) PCT/JP02/09574

(22) 18 Sep/sep 2002 (18.09.2002)

(25) ja (26) ja

(30) 2001-285435 19 Sep/sep 2001 JP (19.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • OPTICAL WAVEGUIDE AND METHOD FOR FABRICATING THE SAME

• GUIDE D'ONDE OPTIQUE ET PROCEDURE DE FABRICATION ASSOCIE

(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) HIRAKA, Masahiro [JP/JP]; 3-5-4, Hikarigaoka, Ikoma-shi, Nara 630-0141 (JP). FURUKAWA, Shigeo [JP/JP]; 5-25-202, Fumizono-cho, Moriguchi-shi, Osaka 570-0074 (JP).

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)<sup>7</sup> G02B 6/16, 6/22, H04B 10/18

(11) WO 03/027737 (13) A1

(21) PCT/US02/28911

(22) 9 Sep/sep 2002 (09.09.2002)

(25) en (26) en

(30) 09/965,406 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • L-BAND DISPERSION COMPENSATING FIBER AND TRANSMISSION SYSTEM INCLUDING SAME

• FIBRE A COMPENSATION DE DISPERSION DE BANDE L ET SYSTEME

DE TRANSMISSION COMPRENANT LADITE FIBRE

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) HEBGEN, Peter G.; 594 Stillwater Drive, Horseheads, NY 14845 (US). QI, Gang; 13 Timber Lane, Painted Post, NY 14870 (US). ZHANG, Lu; 29 Tall Meadow, Painted Post, NY 14870 (US).

(74) WAYLAND, Randall S.; Corning Incorporated, Patent Department, SP-TI-3-1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(21) PCT/SE02/01747

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 0103267-1 28 Sep/sep 2001 SE (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A METHOD AND AN ARRANGEMENT FOR MANUFACTURING OPTICAL FIBER ASSEMBLIES

• PROCEDURE ET DISPOSITIF DE FABRICATION D'ENSEMBLES DE FIBRES OPTIQUES

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; Telefonvägen 30, S-126 25 Stockholm (SE).

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(72, 75) ENGLUND, Lars [SE/SE]; Effes väg 3, S-187 62 Täby (SE). KULLBERG, Johan [SE/SE]; Svartviksslingan 86, S-167 39 Bromma (SE). WESTLUND, Joakim [SE/SE]; Stora rönnens väg 10, S-187 68 Täby (SE). MARTINSON, Jan [SE/SE]; Bogesunds gård, S-185 93 Waxholm (SE).

(74) ERICSSON MICROELECTRONICS AB; Intellectual Property Department, Isafjordsgatan 16, S-164 81 Kista (SE).

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

(51)<sup>7</sup> G02B 6/26, 6/42, H04B 10/24, H04J 14/02

(11) WO 03/027739 (13) A1

(21) PCT/US02/31219

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 60/325,670 28 Sep/sep 2001 US  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LITTROW GRATING BASED RECONFIGURABLE OPTICAL ADD/DROP SYSTEM

- SYSTEME OPTIQUE RECONFIGURABLE A INSERTION-EXTRACTION A RESEAU DE LITTROW

(71) OPTICAL RESEARCH ASSOCIATES [US/US]; 3280 East Foothill Boulevard, Suite 300, Pasadena, CA 91107-3103 (US).

(72) MCGUIRE, James, P., Jr.; 1720 Kaweah Drive, Pasadena, CA 91105 (US).

(74) STEELE, David, J.; Christie, Parker &amp; Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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/SE02/01766

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 0103246-5 28 Sep/sep 2001 SE  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTI-MODE INTERFERENCE WAVEGUIDE BASED SWITCH

- COMMUTATEUR A BASE DE GUIDE D'ONDES A INTERFERENCE MULTI-MODE

(71) TELEFONAKTIEBOLAGET L M ERICSSON [SE/SE]; S-126 25 Stockholm (SE).

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

(72, 75) AUGUSTSSON, Torsten [SE/SE]; Jaktvägen 48, S-194 66 Upplands Väsby (SE).

(74) HASSELGREN, Joakim et al. / etc.; Kransell &amp; Wennborg AB, Box 27834, S-115 93 Stockholm (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility

model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 6/32

(11) WO 03/027741 (13) A2

(21) PCT/US02/30301

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/325,855 27 Sep/sep 2001 US  
(27.09.2001)(30) 60/325,876 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BIOCHEMICAL ASSAY DETECTION IN A LIQUID RECEPTACLE USING A FIBER OPTIC EXCITER

- DETECTION D'ESSAI BIOCHIMIQUE DANS UN RECEPTACLE A LIQUIDE PAR UTILISATION D'UN EXCITATEUR A FIBRE OPTIQUE

(71) BIO-RAD LABORATORIES, INC. [US/US]; 1000 Alfred Nobel Drive, Hercules, CA 94547 (US).

(72) HILLENDAL, James, W.; 1006 Fallen Leaf Court, Vacaville, CA 95687 (US). WALDBESER, David, E.; 27 Goree Court, Martinez, CA 94553 (US). NAGHIEH, Harry, R.; 28070 Fox Hollow Drive, Hayward, CA 94542 (US).

(74) HEINES, M., Henry 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 6/38

(11) WO 03/027742 (13) A2

(21) PCT/US02/30723

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/965,445 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • OPTICAL CONNECTION VERIFICATION APPARATUS AND METHOD

- APPAREIL ET PROCEDE DE VERIFICATION DE LIAISON OPTIQUE

(71) SIEMENS INFORMATION AND COMMUNICATION NETWORKS, INC. [US/US]; 900 Broken Sound Parkway, Boca Raton, FL 33487-3587 (US).

(72) PFLEGER, Franz; 6573 Sweet Maple Lane, Boca Raton, FL 33433 (US).

(74) JOHNSON, Brian, K. et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).

(81) CN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G02B 6/42

(11) WO 03/027743 (13) A1

(21) PCT/DE01/03603

(22) 14 Sep/sep 2001 (14.09.2001)

(25) de (26) de

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TRANSMITTER AND/OR RECEIVER ARRANGEMENT FOR OPTICAL SIGNAL TRANSMISSION

- DISPOSITIF EMETTEUR ET/OU RECEPTEUR DESTINE A LA TRANSMISSION OPTIQUE DE SIGNAUX

(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) KROPP, Jörg-Reinhardt [DE/DE]; Zittauer Strasse 60, 12355 Berlin (DE).

(74) MÜLLER, Wolfram, H.; Maikowski &amp; Ninnemann, Kurfürstendamm 54-55, 10707 Berlin (DE).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> G02B 6/42

(11) WO 03/027744 (13) A1

(21) PCT/DE01/03605

(22) 14 Sep/sep 2001 (14.09.2001)

(25) de (26) de

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TRANSMITTER AND RECEIVER ARRANGEMENT FOR BI-DIRECTIONAL OPTIC DATA TRANSMISSION

- ENSEMBLE EMETTEUR-RECEPTEUR POUR TRANSMISSION DE DONNEES OPTIQUE BIDIRECTIONNELLE

(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) SCHUNK, Nikolaus [DE/DE]; Sohldfeld 32, 31139 Hildesheim (DE).

(74) MÜLLER, Wolfram, H.; Maikowski &amp; Ninnemann, Kurfürstendamm 54-55, 10707 Berlin (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).



- (51)<sup>7</sup> G02B 6/44  
(11) WO 03/027745 (13) A1  
(21) PCT/US02/29616  
(22) 19 Sep/sep 2002 (19.09.2002)  
(25) en (26) en  
(30) 09/965,695 27 Sep/sep 2001 US  
(27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FIBER OPTIC CABLES  
• CABLES A FIBRES OPTIQUES
- (71) CORNING CABLE SYSTEMS LLC [US/US]; POST OFFICE BOX 489, 800 17TH STREET NW, HICKORY, NC 28603 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) JACKMAN, William, S. [US/US]; 768 4TH STREET DRIVE NW, HICKORY, NC 28601 (US). BARRETT, Louis, A. [US/US]; 1604 5TH STREET, NE, CONOVER, NC 28613 (US).
- (74) CARROLL, JR., Michael, E.; POST OFFICE BOX 489, 800 17TH STREET, NW, HICKORY, NC 28603 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI 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 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).
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- (51)<sup>7</sup> G02B 7/00, 6/24  
(11) WO 03/027746 (13) A1  
(21) PCT/SE02/01750  
(22) 26 Sep/sep 2002 (26.09.2002)  
(25) en (26) en  
(30) SE 0103215-0 27 Sep/sep 2001 SE  
(27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ALIGNMENT DEVICE FOR OPTICAL LENS, AND A METHOD FOR ALIGNMENT  
• DISPOSITIF D'ALIGNEMENT POUR LENTILLE OPTIQUE, ET PROCEDE D'ALIGNEMENT
- (71) OPTILLION AB [SE/SE]; Box 47646, S-117 94 Stockholm (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ÅHLFELDT, Henrik [SE/SE]; Sjalandskatan 132, S-164 45 Kista (SE).
- (74) OPTILLION AB; Box 47646, S-117 94 Stockholm (SE).
- (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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE 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)<sup>7</sup> G02B 17/08, 27/00  
(11) WO 03/027747 (13) A1  
(21) PCT/EP02/10281  
(22) 13 Sep/sep 2002 (13.09.2002)  
(25) en (26) en  
(30) 60/323,330 20 Sep/sep 2001 US  
(20.09.2001)  
(30) 60/331,250 13 Nov/nov 2001 US  
(13.11.2001)  
(30) 60/331,276 13 Nov/nov 2001 US  
(13.11.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CATADIOPTRIC REDUCTION LENS  
• OBJECTIF REDUCTEUR CATADIOPTRIQUE
- (71) CARL ZEISS SEMICONDUCTOR MANUFACTURING TECHNOLOGIES AG [DE/DE]; Carl-Zeiss-Strasse 22, 73447 Oberkochen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ULRICH, Wilhelm [DE/DE]; Lederackerring 44, 73434 Aalen (DE). SHAFER, David, R. [US/US]; 56 Drake Lane, Fairfield, CT 06430 (US). EPPLER, Alexander [DE/DE]; Langerstrasse 38, 73431 Aalen (DE). BEIERL, Helmut [DE/DE]; Robert-Koch-Strasse 53, 89522 Heidenheim (DE). DODOC, Aurelian [RO/DE]; Hainbuchenweg 7, 73447 Oberkochen (DE).
- (74) RUFF, WILHELM, BEIER, DAUSTER & PARTNER; Kronenstr. 30, 70174 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 ES FI GB GD GE GH GM HR HU ID 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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declaration / Déclaration :  
*(u) for / pour US only / seulement*
- 
- (51)<sup>7</sup> G02B 21/00, 21/08, 21/24, G01N 21/95, G05B 19/425  
(11) WO 03/027748 (13) A1  
(21) PCT/DE02/03522  
(22) 19 Sep/sep 2002 (19.09.2002)  
(25) de (26) de  
(30) 101 46 221.2 19 Sep/sep 2001 DE  
(19.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)

- (54) • DEVICE AND METHOD FOR PLANE-PARALLEL ORIENTATION OF A THE SURFACE OF AN OBJECT TO BE EXAMINED IN RELATION TO A FOCUS PLANE OF A LENS  
• DISPOSITIF ET PROCEDE D'ORIENTATION PARALLELEPIPEDIQUE D'UNE SURFACE PLANE D'UN OBJET A CONTROLER RELATIVEMENT A UN PLAN DE FOCALISATION D'UN OBJECTIF
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LECHNER, Johannes [AT/DE]; Keuslinstrasse 6, 80798 München (DE). GERHARD, Detlef [DE/DE]; Haniklstrasse 40, 81829 München (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 IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- Declarations / Déclarations :  
*(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)*  
*(u) for / pour US only / seulement*
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- (51)<sup>7</sup> G02B 26/00  
(11) WO 03/027749 (13) A2  
(21) PCT/US02/30765  
(22) 26 Sep/sep 2002 (26.09.2002)  
(25) en (26) en  
(30) 09/965,764 28 Sep/sep 2001 US  
(28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SYSTEM AND METHOD FOR EFFECTING HIGH-POWER BEAM CONTROL WITH ADAPTIVE OPTICS IN LOW POWER BEAM PATH  
• SYSTEME ET PROCEDE DE COMMANDE DE FAISCEAU DE GRANDE PUISSANCE AU MOYEN D'UNE OPTIQUE ADAPTATIVE DANS UN TRAJET DE FAISCEAU DE FAIBLE PUISSANCE
- (71) RAYTHEON COMPANY [US/US]; A Corporation of the State of Delaware, 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US).
- (72) BYREN, Robert, W.; 2001 Agnes Road, Manhattan Beach, CA 90266 (US). TRAFTON, Alvin, F.; 2100 Chestnut Avenue, Manhattan Beach, CA 90266 (US).
- (74) RAUFER, Colin; Raytheon Company, 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US) et al. / etc.
- (81) IL.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> G02B 26/02, B81B 3/00, G02B 6/35  
(11) WO 03/027750 (13) A1  
(21) PCT/FR02/03202

- (22) 19 Sep/sep 2002 (19.09.2002)  
(25) fr (26) fr  
(30) 01/12201 21 Sep/sep 2001 FR  
(21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MICRO-ACTUATOR FOR MIRROR  
• MICRO-ACTIONNEUR DE MIROIR
- (71) PHS MEMS [FR/FR]; 229 rue Saint Honoré, F-75001 Paris (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GEMI, Roberto [IT/FR]; 2, Rue du Néron, F-38120 Saint Egreve (FR). PAINEAU, Sylvain [FR/FR]; Rue des Esarts, F-38500 Voiron (FR). COUTIER, Caroline [FR/FR]; 7, rue Lachmann, F-38000 Grenoble (FR).
- (74) DE BEAUMONT, Michel; Cabinet Michel de Beaumont, 1, rue Champollion, F-38000 Grenoble (FR).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> G02B 26/08  
(11) WO 03/027751 (13) A1  
(21) PCT/JP02/09642
- (22) 19 Sep/sep 2002 (19.09.2002)  
(25) ja (26) ja  
(30) 2001/289611 21 Sep/sep 2001 JP  
(21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • OPTICAL SWITCH AND OPTICAL SWITCH ARRAY  
• COMMUTATEUR OPTIQUE ET RESEAU DE COMMUTATEURS OPTIQUES
- (71) SUMITOMO ELECTRIC INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
- (72) KANIE, Tomohiko; c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 (JP). KATAYAMA, Makoto; c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 (JP). NISHIMURA, Masayuki; c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-8588 (JP).
- (74) HASEGAWA, Yoshiki et al. / etc.; SOEI PATENT AND LAW FIRM, Okura-honkan, 6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).
- (81) CA KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> G02B 26/10, B60Q 1/52, B60K 31/00, G01S 13/93  
(11) WO 03/027752 (13) A1  
(21) PCT/DE02/02864  
(22) 31 Jul/juil 2002 (31.07.2002)  
(25) de (26) de
- (30) 101 42 425.6 31 Aug/août 2001 DE  
(31.08.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SCANNING DEVICE  
• DISPOSITIF DE BALAYAGE
- (71) AUTOMOTIVE DISTANCE CONTROL SYSTEMS GMBH [DE/DE]; Kempfenerstrasse 99, 88131 Lindau a.B. (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SCHANZ, Holger [DE/DE]; Wackerstrasse 47a, 88131 Lindau a.B. (DE).
- (74) HASSA, Oliver; c/o Conti Temic microelectronic GmbH, Sieboldstrasse 19, 90411 Nürnberg (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> G02B 27/00, G02F 1/03, H04J 14/02  
(11) WO 03/027753 (13) A2  
(21) PCT/US02/31183  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) en (26) en  
(30) 09/967,090 27 Sep/sep 2001 US  
(27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ITU FREQUENCY/WAVELENGTH REFERENCE  
• REFERENCE DE LONGUEURS D'ONDE/DE FREQUENCES DE L'UIT
- (71) FIBERA, INC. [US/US]; 3350 Scott Blvd., Bldg. 56, Santa Clara, CA 95054 (US).
- (72) CHEN, George, C.K.; 3770 Flora Vista Avenue #1503, Santa Clara, CA 95051 (TW).
- (74) ROBERTS, Raymond, E., et al. / etc.; IPLO Intellectual Property Law Offices, 1901 South Bascom Avenue., Suite 660, Campbell, CA 95008 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G02B 27/22, 6/12, 27/44, H04N 13/00, G02B 27/01, 27/02, G09B 9/32, G02B 6/34  
(11) WO 03/027754 (13) A1  
(21) PCT/GB01/04269  
(22) 25 Sep/sep 2001 (25.09.2001)  
(25) en (26) en  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FLAT-PANEL PROJECTION DISPLAY  
• AFFICHAGE PAR PROJECTION A ECRAN PLAT
- (71) CAMBRIDGE 3D DISPLAY LIMITED [GB/GB]; 26 Faroe Road, London W14 OEP (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TRAVIS, Adrian, Robert, Leigh [GB/GB]; Wrangaton House, Wrangaton, South Devon TQ10 9HH (GB).
- (74) GIBBS, Christopher, Stephen; Haseltine Lake & Co, Imperial House, 19-19 Kingsway, London WC2B 6UD (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 PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA 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 GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G02B 27/22  
(11) WO 03/027755 (13) A1  
(21) PCT/NL02/00629  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) nl (26) en  
(30) 1019058 28 Sep/sep 2001 NL  
(28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DEVICE AND METHOD FOR THREE-DIMENSIONAL DISPLAY OF IMAGES  
• DISPOSITIF ET PROCEDE D'AFFICHAGE TRIDIMENSIONNEL D'IMAGES
- (71) DSV GMBH [CH/CH]; Aegenstrasse 66, CH-6300 Zug (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WENGER, Klaus, Herbert, Gunter [NL/NL]; Zebraspoor 573, NL-3605 HH Maarsse (NL).
- (74) HOOIVELD, Arjen, Jan, Winfried; Arnold & Siedsma, Sweelinckplein 1, NL-2517 EN The Haag (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G02B 27/28  
(11) WO 03/027756 (13) A1  
(21) PCT/US02/25896  
(22) 14 Aug/août 2002 (14.08.2002)  
(25) en (26) en

(30) 09/966,557 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • POLARIZATION ROTATORS, ARTICLES CONTAINING POLARIZATION ROTATORS, AND METHODS FOR MAKING AND USING THE SAME

• ROTATEURS DE POLARISATION, ARTICLES CONTENANT CES ROTATEURS ET PROCEDES DE FABRICATION ET D'UTILISATION DE CEUX-CI

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

(72) ALLEN, Richard, C.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). BOWLEY, Christopher, C.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). PANKRATZ, Stephen, J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). WATSON, Philip, E.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) BLACK, Bruce, E. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (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 SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G02C 1/02

(11) WO 03/027757 (13) A1

(21) PCT/US02/19640

(22) 21 Jun/juin 2002 (21.06.2002)

(25) en (26) en

(30) 09/963,826 25 Sep/sep 2001 US  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTIPURPOSE LOCKING AND FASTENING DEVICE

• DISPOSITIF DE VERROUILLAGE ET FIXATION A MULTIPLES APPLICATIONS

(71) MICROVISION OPTICAL, INC. [US/US]; Suite A, 7898 Ostrow Street, San Diego, CA 92111 (US).

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

(72, 75) CONNER, William, A. [US/US]; Suite A, 7898 Ostrow Street, San Diego, CA 92111 (US).

(74) PHILLIPS, Rob, L.; Quirk & Tratos, Suite 500 North, 3773 Howard Hughes Pkwy., Las Vegas, NV 89109 (US).

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

(51)<sup>7</sup> G02C 13/00

(11) WO 03/027758 (13) A2

(21) PCT/KR02/01642

(22) 30 Aug/août 2002 (30.08.2002)

(25) ko (26) en

(30) 2001/59812 26 Sep/sep 2001 KR  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FIXING DEVICE OF A RIMLESS SPECTACLES

• DISPOSITIF DE FIXATION POUR LUNETTES GLACE

(71, 72) HAN, Gi-Chul [KR/KR]; 151, Seo Sabg Dong, Kimhae, Kyungnam 621-030 (KR).

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

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (i)

(51)<sup>7</sup> G02F

(11) WO 03/027759 (13) A2

(21) PCT/US02/30350

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,727 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MECHANICAL FIXTURING OF FILM FOR PROCESSING ON A GLASS LCD LINE

• FIXATION MECANIQUE DE FILM DESTINE A ETRE TRAITE SUR UNE LIGNE D'ECRANS ACL EN VERRE

(71) AVERY DENNISON CORPORATION [US/US]; 150 N. Orange Grove Boulevard, Pasadena, CA 91103 (US).

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

(72, 75) MUNN, Jason [US/US]; 150 N. Orange Grove Boulevard, Pasadena, CA 91103 (US).

(74) HANSEN, Scott, M. et al. / etc.; Oppenheimer Wolff & Donnelly LLP, 840 Newport Center Drive, Suite 700, Newport Beach, CA 92660-7007 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02F

(11) WO 03/027760 (13) A2

(21) PCT/US02/30518

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/965,367 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COLUMN LINE TECHNOLOGY

• TECHNOLOGIE DE LIGNE DE COLONNE

(71) CANDESCENT INTELLECTUAL PROPERTY SERVICES, INC. [US/US]; 6580 Via Del Oro, San Jose, CA 95119 (US).

(72) FRIEDMAN, Jay; 395 West Drive, Felton, CA 95018 (US). HANSEN, Ronald, L.; 10941 Miguelito Road, San Jose, CA 95127 (US).

(74) GALLENSON, Mavis, S. et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036-5679 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02F 1/137

(11) WO 03/027761 (13) A2

(21) PCT/US02/25033

(22) 7 Aug/août 2002 (07.08.2002)

(25) en (26) en

- (30) 09/957,724 **21 Sep/sep 2001** US (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CHOLESTERIC LIQUID CRYSTAL OPTICAL BODIES AND METHODS OF MANUFACTURE AND USE  
• CORPS OPTIQUES A CRISTAUX LIQUIDES CHOLESTERIQUES ET PROCÉDES DE FABRICATION ET D'UTILISATION
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) BOWLEY, Christopher C.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). EBIHARA, Ikuko.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). GILLIGAN, Gregory E.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). POKORNY, Richard J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). RADCLIFFE, Marc D.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). RAO, Prabhakara S.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). WATSON, Philip E.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) BLACK, Bruce, E. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT (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 SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
 (t) for all designations / pour toutes les désignations

- (51)<sup>7</sup> G02F 1/15, C09K 9/00
- (11) WO 03/027762 (13) A1
- (21) PCT/SE02/01762
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en

- (30) 0103198-8 **26 Sep/sep 2001** SE (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ELECTROCHROMIC FILM AND DEVICE COMPRISING THE SAME  
• FILM ELECTROCHROMIQUE ET DISPOSITIF COMPRENANT CELUI-CI
- (71) FORSKARPATENT I UPPSALA AB [SE/SE]; Uppsala Science Park Glunten, S-751 83 Uppsala (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) AZENS, Andris [LV/SE]; Lagerlöfsgatan 6, S-756 24 Uppsala (SE). GRANQVIST, Claes-Göran [SE/SE]; Övre Slottsgatan 28B, S-753 12 Uppsala (SE). KARMHAG, Richard [SE/SE]; Vinthemsgatan 10B, S-752 24 Uppsala (SE). ISIDORSSON, Jan [SE/SE]; Tunhemsvägen 15, S-461 39 Trollhättan (SE). AVENDANO SOTO, Esteban, Damian [CR/SE]; Eklundshovsvägen 11, S-752 37 Uppsala (SE).
- (74) DR LUDWIG BRANN PATENTBYRÅ AB; Box 1344, Drottninggatan 7, S-751 43 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> G02F 1/167
- (11) WO 03/027763 (13) A1
- (21) PCT/JP02/09641
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) ja (26) ja
- (30) 2001-284844 **19 Sep/sep 2001** JP (19.09.2001)
- (30) 2001-289421 **21 Sep/sep 2001** JP (21.09.2001)
- (30) 2001-335045 **31 Oct/oct 2001** JP (31.10.2001)
- (30) 2001-335046 **31 Oct/oct 2001** JP (31.10.2001)
- (30) 2001-335047 **31 Oct/oct 2001** JP (31.10.2001)
- (30) 2001-335048 **31 Oct/oct 2001** JP (31.10.2001)
- (30) 2001-356015 **21 Nov/nov 2001** JP (21.11.2001)
- (30) 2001-373291 **6 Dec/déc 2001** JP (06.12.2001)
- (30) 2001-380217 **13 Dec/déc 2001** JP (13.12.2001)

- (30) 2001-380326 **13 Dec/déc 2001** JP (13.12.2001)
- (30) 2001-381089 **14 Dec/déc 2001** JP (14.12.2001)
- (30) 2001-382636 **17 Dec/déc 2001** JP (17.12.2001)
- (30) 2001-383500 **17 Dec/déc 2001** JP (17.12.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • IMAGE DISPLAY, IMAGE DISPLAYING METHOD, AND IMAGE DISPLAY MANUFACTURING METHOD  
• AFFICHEUR D'IMAGE, PROCÉDE D'AFFICHAGE D'IMAGE ET PROCÉDE DE FABRICATION D'AFFICHEUR D'IMAGE
- (71) BRIDGESTONE CORPORATION [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8340 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) YAKUSHIJI, Manabu [JP/JP]; 3-2-6, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-0031 (JP). MURATA, Kazuya [JP/JP]; 3-5-5, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-0031 (JP). KITANO, Sou [JP/JP]; 3-5-5, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-0031 (JP). NIHEI, Norio [JP/JP]; 3-5-5, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-0031 (JP). TAKAGI, Mitsuharu [JP/JP]; 3-21-33-304, Miyauchi, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0051 (JP). MASUDA, Yoshitomo [JP/JP]; 3-5-28, Shinmeidai, Hamura-shi, Tokyo 205-0023 (JP). TANUMA, Itsuo [JP/JP]; 3405-181, Kashiwabara, Sayama-shi, Saitama 350-0335 (JP). KAWAGOE, Takahiro [JP/JP]; 1302-57, Aobadai, Tokorozawa-shi, Saitama 359-1105 (JP).
- (74) SUGIMURA, Kosaku et al. / etc.; Kazan Building, 2-4, 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 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> G02F 1/17
- (11) WO 03/027764 (13) A1
- (21) PCT/JP02/09620
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) ja (26) ja
- (30) 2001-284843 **19 Sep/sep 2001** JP (19.09.2001)
- (30) 2001-284845 **19 Sep/sep 2001** JP (19.09.2001)
- (30) 2001-289422 **21 Sep/sep 2001** JP (21.09.2001)
- (30) 2001-289423 **21 Sep/sep 2001** JP (21.09.2001)

- (30) 2001-313420 **11 Oct/oct 2001** JP PT SE SK TR); OA (BF BJ CF CG CI CM  
(11.10.2001) GA GN GQ GW ML MR NE SN TD TG).  
• SYSTEME ET PROCEDE D'IMAGERIE PANORAMIQUE
- (30) 2001-313421 **11 Oct/oct 2001** JP (51)<sup>7</sup> G02F 3/02, G09F 3/10 (71) EYESEE360, INC. [US/US]; #10 40th Street, Pittsburgh, PA 15201 (US).
- (30) 2001-313422 **11 Oct/oct 2001** JP (11) WO 03/027765 (13) A1 (72) RONDINELLI, Michael; 1024 Hamlin Drive, Bethel Park, PA 15102 (US). HERMAN, Herman; 810 Greenfield Avenue, Pittsburgh, PA 15217 (US). SINGH, Sanjiv; 5415 Plainfield Avenue, Pittsburgh, PA 15217 (US).
- (30) 2001-313423 **11 Oct/oct 2001** JP (21) PCT/US02/31051 (22) 30 Sep/sep 2002 (30.09.2002) (25) en (26) en (74) BROMS, Timothy, D.; Pietragallo, Bosick & Gordon, One Oxford Centre, 38th Floor, 301 Grant Street, Pittsburgh, PA 15219 (US).
- (30) 2001-320967 **18 Oct/oct 2001** JP (30) 01123429.1 **28 Sep/sep 2001** EP (28.09.2001) (74) REED, T., David; The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US).
- (30) 2001-320968 **18 Oct/oct 2001** JP (43) 3 Apr/avr 2003 (03.04.2003) (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 SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (30) 2001-320966 **18 Oct/oct 2001** JP (54) • IMPROVED LABEL FOR STRETCH WRAPPED STACKS (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 SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (30) 2001-373290 **6 Dec/déc 2001** JP (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)
- (30) 2001-396743 **27 Dec/déc 2001** JP (72, 75) SCHMELZER, Winfried [DE/DE]; Weierstr. 59, 53894 Meckernich (DE).
- (30) 2001-396745 **27 Dec/déc 2001** JP (74) REED, T., David; The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US).
- (30) 2001-396746 **27 Dec/déc 2001** JP (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.
- (30) 2001-396747 **27 Dec/déc 2001** JP (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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (30) 2001-396748 **27 Dec/déc 2001** JP (51)<sup>7</sup> G03F (11) WO 03/027767 (13) A2 (21) PCT/DE01/03519 (22) 11 Sep/sep 2001 (11.09.2001) (25) de (26) de (43) 3 Apr/avr 2003 (03.04.2003)
- (30) 2001-396744 **27 Dec/déc 2001** JP (54) • MEANS AND METHOD FOR STRUCTURING A SUBSTRATE WITH A MASK  
• MOYEN ET PROCEDE DE STRUCTURATION D'UN SUBSTRAT A L'AIDE D'UN MASQUE
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PARTICLES AND DEVICE FOR DISPLAYING IMAGE  
• PARTICULES ET DISPOSITIF D'AFFICHAGE D'IMAGES
- (71) BRIDGESTONE CORPORATION [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8340 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAKUSHIJI, Gaku [JP/JP]; 2-223-1, Sakuragaoka, Higashiyamato-shi, Tokyo 207-0022 (JP). KITANO, Hajime [JP/JP]; 3-5-5, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-0031 (JP). MURATA, Kazuya [JP/JP]; 3-5-5, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-0031 (JP). NIHEI, Norio [JP/JP]; 3-5-5, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-0031 (JP). TAKAGI, Koji [JP/JP]; 3-21-33-304, Miyauchi, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0051 (JP). MASUDA, Yoshitomo [JP/JP]; 3-5-28, Shinmeidai, Hamura-shi, Tokyo 205-0023 (JP). KAWAGOE, Takahiro [JP/JP]; 1302-57, Aobadai, Tokorozawa-shi, Saitama 359-1105 (JP).
- (74) OHTANI, Tamotsu; Bridgestone Toranomon BLDG., 6F., 25-2, Toranomon 3-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 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> G03B 37/00 (11) WO 03/027766 (13) A2 (21) PCT/US02/30766 (22) 26 Sep/sep 2002 (26.09.2002) (25) en (26) en (30) 60/326,013 **27 Sep/sep 2001** US (27.09.2001) (30) 60/346,717 **7 Jan/jan 2002** US (07.01.2002) (30) 10/080,834 **22 Feb/fév 2002** US (22.02.2002) (30) 10/081,433 **22 Feb/fév 2002** US (22.02.2002) (30) 10/081,545 **22 Feb/fév 2002** US (22.02.2002) (30) 10/227,136 **23 Aug/août 2002** US (23.08.2002) (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SYSTEM AND METHOD FOR PANORAMIC IMAGING  
• FORMATION D'UNE IMAGE SUR UN PRODUIT ORGANIQUE

(71, 72) WALKER, Roland, N. [US/US]; 2130 South Boulevard, Idahl Falls, ID 83402 (US).

(74) KRIEGER, Michael, F. 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 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 OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G03F 1/00

(11) WO 03/027769 (13) A2

(21) PCT/EP02/10610

(22) 20 Sep/sep 2002 (20.09.2002)

(25) de (26) de

(30) 101 46 619.6 21 Sep/sep 2001 DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR PRODUCING A TWO-DIMENSIONAL PHOTOMASK

• PROCEDE DE CREATION D'UN PHOTOMASQUE BIDIMENSIONNEL

(71, 72) HOPF, Jörn [DE/DE]; Hasseler Weg 3, 66123 Saarbrücken (DE).

(74) HEUSLER, Wolfgang; v. Bezold & Sozien, Akademiestrasse 7, 80799 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G03G

(11) WO 03/027770 (13) A2

(21) PCT/US02/29068

(22) 13 Sep/sep 2002 (13.09.2002)

(25) en (26) en

(30) 09/965,264 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF SETTING LASER POWER AND DEVELOPER BIAS IN AN ELECTROPHOTOGRAPHIC MACHINE BASED ON AN ESTIMATED INTERMEDIATE BELT REFLECTIVITY

• PROCEDE POUR REGLER LA PUISSANCE DU LASER ET LA POLARISATION DU REVELATEUR DANS

UNE MACHINE ELECTROPHOTOGRAPHIQUE SUR LA BASE D'UNE ESTIMATION DE LA REFLECTIVITE DE LA CEINTURE INTERMEDIAIRE

(71) LEXMARK INTERNATIONAL, INC [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).

(72) DENTON, Gary, Allen; 3508 Caicos Court, Lexington, KY 40509 (US). TUNGATE, Stanley, Coy, Jr.; 4205 Canterbury Green Way, Lexington, KY 40514 (US).

(74) MCARDLE, John, J., Jr.; Lexmark International, Inc., Intellectual Property Law Dept., 740 West New Circle Road, Lexington, KY 40550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G03G 9/107, 9/113

(11) WO 03/027771 (13) A1

(21) PCT/SE02/01757

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 0103263-0 28 Sep/sep 2001 SE (28.09.2001)

(30) 0103264-8 28 Sep/sep 2001 SE (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ELECTROPHOTOGRAPHIC CARRIER CORE MAGNETITE POWDER

• NOYAU MAGNETIQUE A BASE DE POUDRE DE MAGNETITE, POUR ELECTROPHOTOGRAPHIE

(71) HÖGANÄS AB [SE/SE]; S-263 83 Höganäs (SE).

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

(72, 75) HULTMAN, Lars [SE/SE]; Solrosvägen 57, S-260 40 Viken (SE). YTTERGREN, Rose-Marie [SE/SE]; Örtagårdsgatan 21, S-254 50 Helsingborg (SE). EKLUND, Fredrik [SE/SE]; Bruksgatan 30, S-252 23 Helsingborg (SE). JONSSON, Nils [SE/SE]; Tångavägen 33, S-262 94 Ängelholm (SE).

(74) AWAPATENT AB; Box 5117, S-200 71 Malmö (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model

/ modèle d'utilité) 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 IE IT LU MC NL PT SE 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 SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G03G 15/00

(11) WO 03/027772 (13) A1

(21) PCT/US02/29700

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/965,301 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • RECORDING MEDIUM INTERVAL SET BY SUPPLY LEVEL

• INTERVALLE DE SUPPORTS D'ENREGISTREMENT DETERMINE PAR LE NIVEAU D'ALIMENTATION

(71) LEXMARK INTERNATIONAL, INC. [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).

(72) BROWN, JR., William, Frank; 3029 Blenheim Way, Lexington, KY 40503 (US). CAHILL, Daniel, Paul; 2480 Pepperhill Court, Verona, KY 41092 (US). DEVORE, Benjamin, Charles; 4821 Clifford Circle, Lexington, KY 40515 (US). JENSEN, Rodney, Lee; 2537 Sungale Court, Lexington, KY 40513 (US).

(74) MCARDLE, JR., John, J.; Lexmark International, Inc., Intellectual Property Law Department, 740 West New Circle Road, Lexington, KY 40550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G03G 15/01, 15/00, B41J 2/44

(11) WO 03/027773 (13) A1

(21) PCT/US02/29497

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/965,434 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • COLOR ADJUSTMENT METHOD FOR A LASER PRINTER WITH MULTIPLE PRINT RESOLUTIONS
- PROCEDE DE REGLAGE DES COULEURS D'UNE IMPRIMANTE LASER A RESOLUTIONS D'IMPRESSION MULTIPLES

(71) LEXMARK INTERNATIONAL, INC. [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).

(72) DENTON, Gary, Allen; 3508 Caicos Court, Lexington, KY 40509 (US). RAVITZ, Cary, Patterson; 327 Duke Road #1, Lexington, KY 40502 (US). TUNGATE, Stanley, Coy, Jr.; 4205 Canterbury Green Way, Lexington, KY 40514 (US).

(74) MCARDLE, John, J., Jr.; Lexmark International, Inc., Intellectual Property Law Department, 740 West New Circle Road, Lexington, KY 40550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G03G 15/08

(11) WO 03/027774 (13) A1

(21) PCT/US02/29511

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/965,266 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • DYNAMIC END SEAL FOR IMAGE FORMING APPARATUS
- EMBOUT PROTECTEUR DYNAMIQUE POUR APPAREIL DE FORMATION D'IMAGES

(71) LEXMARK INTERNATIONAL, INC. [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).

(72) KORFHAGE, Kurt Matthew; 501 Matterhorn Drive, Shelbyville, KY 40065 (US). MAUL, Michael, David; 713 Troy Trail, Lexington, KY 40517 (US). MEADE, Alexander, Douglas; 103 Irvine Road, Lexington, KY 40502 (US). STICKLER, Tom, E.; 416 Dudley Road, Lexington, KY 40502 (US). WANG, Liqun, Larry; 1108 Benjamin Lane, Lexington, KY 40513 (US).

(74) MCARDLE, John, J., Jr.; Lexmark International, Inc., Intellectual Property Law Department, 740 West New Circle Road, Lexington, KY 40550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G03H 1/20, D21H 19/02, 27/10, B65D 65/38

(11) WO 03/027775 (13) A1

(21) PCT/EP02/09139

(22) 14 Aug/août 2002 (14.08.2002)

(25) de (26) de

(30) 101 46 635.8 21 Sep/sep 2001 DE  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • METHOD FOR PRODUCING A FOIL MATERIAL, PROVIDED WITH AN EMBOSSED HOLOGRAM, AS WELL AS A FOIL MATERIAL

- PROCEDE DE PRODUCTION D'UN MATERIAU EN FEUILLES, POURVU D'UN HOLOGRAMME ESTAMPE, ET MATERIAU EN FEUILLES CORRESPONDANT

(71) ALCAN DEUTSCHLAND GMBH [DE/DE]; Hannoversche Strasse 1, 37075 Göttingen (DE).

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

(72, 75) BRICKENKAMP, Wolfgang [DE/DE]; Greifswalder Strasse 6, 58815 Lüdenscheid (DE).

(74) HOFFMANN EITLÉ et al. / etc.; Arabelastrasse 4, 81925 München (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G04B 19/20, 45/00

(11) WO 03/027776 (13) A1

(21) PCT/GB02/03914

(22) 23 Aug/août 2002 (23.08.2002)

(25) en (26) en

(30) 0120795.0 25 Aug/août 2001 GB  
(25.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • A DISPLAY
- UNITE D'AFFICHAGE

(71, 72) CHISHOLM, Andrew [GB/GB]; Flat 2, 84 Middlesex Street, London E1 7EZ (GB).

(74) EDWARDS, David et al. / etc.; R G C Jenkins &amp; Co., 26 Caxton Street, London SW1H 0RJ (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G04B 37/22, B23K 1/00, 20/00

(11) WO 03/027777 (13) A1

(21) PCT/JP02/09374

(22) 12 Sep/sep 2002 (12.09.2002)

(25) ja (26) ja

(30) 2001/288392 21 Sep/sep 2001 JP  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • TIMEPIECE EXTERNAL PART AND METHOD OF MANUFACTURING THE PART

- BOÎTIER DE MONTRE ET PROCÉDÉ DE FABRICATION

(71) CITIZEN WATCH CO., LTD. [JP/JP]; 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).

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

(72, 75) FUJII, Kouji [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP). SATOH, Junji [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP). UCHIDA, Hitoshi [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP). HASHIMOTO, Norio [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP). FUJITA, Ryo [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).

(74) OSAWA, Takashi; Room 818, Ikebukuro, White House Bldg., 20-2, 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 IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G04F 7/08

(11) WO 03/027778 (13) A2

(21) PCT/CH02/00487

(22) 6 Sep/sep 2002 (06.09.2002)

(25) fr (26) fr

- (30) 01810930.6 **24 Sep/sep 2001** EP  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CHRONOGRAPH MECHANISM  
• MECANISME DE CHRONOGRAPHE
- (71) GIRARD-PERREGAUX SA [CH/CH];  
Place Girardet 1, CH-2301 La Chaux-de-Fonds (CH).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GIRARDIN, Johnny [CH/CH];  
Fritz-Courvoisier 34F, CH-2300 La Chaux-de-Fonds (CH).
- (74) GRESSET-LAESSER; Cabinet de Conseils en Propriété Industrielle, Puits-Godet 8A, Neuchâtel 2000 (CH).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> G05B
- (11) WO 03/027779 (13) A2  
(21) PCT/US02/29413  
(22) 18 Sep/sep 2002 (18.09.2002)  
(25) en (26) en  
(30) 09/956,966 **21 Sep/sep 2001** US  
(21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DUAL CAPILLARY FLUID VAPORIZING DEVICE  
• DISPOSITIF DE VAPORISATION DE FLUIDE A CAPILLAIRE DOUBLE
- (71) CHRYSALIS TECHNOLOGIES INCORPORATED [US/US]; 7801 Whitepine Road, Richmond, VA 23237 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NICHOLS, Walter, A. [US/US]; 9608 Summercliff Court, Chesterfield, VA 23832 (US). COX, Kenneth, A. [US/US]; 12506 Misty Lake Court, Midlothian, VA 23114 (US). NGUYEN, Tung, T. [US/US]; 1135 Huguenot Trail, Midlothian, VA 23113 (US).
- (74) SKIFF, Peter, K.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G05B 19/042, F24F 11/00
- (11) WO 03/027781 (13) A1  
(21) PCT/PL02/00071  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) en (26) en  
(30) P.349931 **28 Sep/sep 2001** PL  
(28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • WORK CONTROLLER PARTICULARLY BENEFICIAL FOR AIR-CONDITIONING-VENTILATION UNITS  
• CONTROLEUR DE FONCTIONNEMENT CONÇU NOTAMMENT POUR DES UNITES DE VENTILATION ET DE CLIMATISATION
- (71) VTS CLIMA SP. Z O. O. [PL/PL]; ul.Plk.Dabka 338, PL-81-198 Kosakowo (PL).  
(for all designated States except / pour tous les États désignés sauf US)
- 
- (72, 75) SIEK, Tadeusz [PL/PL]; ul.Plk.Dabka 338, PL-81-198 Kosakowo (PL).
- (74) PROSCINSKI, Jan; ul. Oliwkowa 14D/35, PL-81-589 Gdynia (PL).
- (81) AE AU BA BG CN CZ EE GE HR HU ID IL IN KP KR LT LV MN NO NZ RO SG SI SK TJ TM UA US UZ VN YU.
- (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 IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> G05B 19/05
- (11) WO 03/027782 (13) A1  
(21) PCT/DE02/03407  
(22) 12 Sep/sep 2002 (12.09.2002)  
(25) de (26) de  
(30) 101 47 166.1 **25 Sep/sep 2001** DE  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SYSTEM AND METHOD FOR PROGRAMMING AN AUTOMATION SYSTEM, BASED ON PULSE TIMING DIAGRAMS  
• SYSTEME ET PROCEDE POUR PROGRAMMER UN SYSTEME D'AUTOMATISATION A PARTIR DE DIAGRAMMES D'IMPULSIONS
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EICHHORN, Annette [DE/DE]; Im Zollstock 12, 91093 Hessdorf (DE). HOFFMANN, Werner [DE/DE]; Sachsenstr. 15 b, 91074 Herzogenaurach (DE). KIELBURGER, Helmut [DE/DE]; Grasweg 24, 91054 Erlangen (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 IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- Declarations / Déclarations :  
(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> G05B 19/401
- (11) WO 03/027783 (13) A1  
(21) PCT/CH02/00488  
(22) 6 Sep/sep 2002 (06.09.2002)  
(25) de (26) de  
(30) 1749/01 **21 Sep/sep 2001** CH  
(21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR MACHINING PARTS, AND MULTIPURPOSE MACHINE THEREFOR  
• PROCEDE D'USINAGE DE PIECES, ET MACHINE UNIVERSELLE D'USINAGE POUR LA MISE EN OEUVRE DE CE PROCEDE



- (71, 72) FUCHS, Thomas [CH/CH]; Route des Pommiers 7, CH-1723 Marly (CH).
- (72, 75) ZAUGG, Ernst [CH/CH]; Dorf 152, CH-4937 Ursenbach (CH).
- (74) OTTOW, Jens, M.; Isler & Pedrazzini AG, Gotthardstrasse 53, Postfach 6940, CH-8023 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)<sup>7</sup> G05B 19/418
- (11) WO 03/027784 (13) A2
- (21) PCT/DE02/03649
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) de (26) de
- (30) 101 47 448.2 26 Sep/sep 2001 DE (26.09.2001)
- (30) 102 41 183.2 5 Sep/sep 2002 DE (05.09.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR TRANSMITTING A DATA TELEGRAM BETWEEN A REAL-TIME DOMAIN AND A NON-REAL-TIME DOMAIN AND A COUPLING UNIT
- PROCEDE POUR TRANSMETTRE UN TELEGRAMME DE DONNEES ENTRE UN DOMAINE EN TEMPS REEL ET UN DOMAINE NON EN TEMPS REEL ET UNITE DE COUPLAGE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRÜCKNER, Dieter [DE/DE]; Obere Dorfstrasse 10, 96199 Zapfendorf (DE). GÖTZ, Franz-Josef [DE/DE]; Laibstadt 48, 91180 Heideck (DE). KLOTZ, Dieter [DE/DE]; Kannenbergstrasse 15, 90768 Fürth (DE). SCHIMMER, Jürgen [DE/DE]; Franz-Reichel-Ring 97, 90473 Nürnberg (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 IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

- (51)<sup>7</sup> G05B 19/418, G06F 17/60
- (11) WO 03/027785 (13) A1
- (21) PCT/JP02/09698
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) ja (26) ja
- (30) 2001-289964 21 Sep/sep 2001 JP (21.09.2001)
- (30) 2001-289965 21 Sep/sep 2001 JP (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • BATCH-MODE MANAGEMENT APPARATUS
- DISPOSITIF DE GESTION EN MODE DE TRAITEMENT PAR LOTS
- (71) OLYMPUS OPTICAL CO., LTD. [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) ONISHI, Takaaki [JP/JP]; 5755-1, Inamisayama, Ina-shi, Nagano 396-0021 (JP). KOMURO, Takahiro [JP/JP]; 8686, Inatomi, Tatsunomachi, Kamiina-gun, Nagano 399-0428 (JP).
- (74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN KR US.

Published / Publiée : (a)

- (51)<sup>7</sup> G05D 1/00
- (11) WO 03/027786 (13) A2
- (21) PCT/IB02/03852
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) en (26) en
- (30) 09/962,956 25 Sep/sep 2001 US (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • GEOFENCING MOVEABLE VEHICLES
- GARDIENNAGE VIRTUEL DE VEHICULES
- (71) LOJACK CORPORATION [US/US]; 333 Elm Street, Dedham, MA 02026 (US).
- (72) DUVALL, William; 67 Bowditch Road, Sudbury, MA 01776 (US).
- (74) RINES, Robert, H.; MacLeod Allsop, Bledington Grounds, Bledington, Glos. OX7 6XL (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G05D 1/02, B62D 1/28

- (11) WO 03/027787 (13) A1
- (21) PCT/EP02/09376

- (22) 22 Aug/août 2002 (22.08.2002)
- (25) de (26) de
- (30) 101 45 878.9 18 Sep/sep 2001 DE (18.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR POSITIONAL DETERMINATION OF A MOTOR VEHICLE DURING AN AUTOMATED PARKING MANOEUVRE
- PROCEDE POUR DETERMINER LA POSITION D'UNE AUTOMOBILE AU COURS D'UNE OPERATION VISANT A GARER LADITE AUTOMOBILE
- (71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RUMP, Siegfried [DE/DE]; Am Steig 46, 72108 Rottenburg (DE).
- (74) WEISS, Klaus et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, FTP-C106, 70546 Stuttgart (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G05D 1/06, G01S 13/91

- (11) WO 03/027788 (13) A1
- (21) PCT/US02/30406
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) en (26) en
- (30) 60/325,042 26 Sep/sep 2001 US (26.09.2001)
- (30) 10/016,617 30 Oct/oct 2001 US (30.10.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • VERTICAL MOTION DETECTOR FOR AIR TRAFFIC CONTROL
- DETECTEUR DE DEPLACEMENT VERTICAL POUR LA REGULATION DU TRAFIC AERIEN
- (71) RAYTHEON COMPANY [US/US]; 141 Spring Street, Lexington, MA 2421 (US).
- (72) VARON, Dan; 36 Audrey Avenue, Needham, MA 02492 (US).
- (74) ROBINSON, Kermit et al. / etc.; Daly, Crowley & Mofford, LLP, Suite 101, 275 Turnpike Street, Canton, MA 2021 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH

GM HR HU ID 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  
SI 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 IE IT LU MC NL PT SE 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 SD SE SG  
SI 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 IE IT LU MC NL PT SE  
SK TR) OA (BF BJ CF CG CI CM GA GN GQ  
GW ML MR NE SN TD TG)

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

(51)<sup>7</sup> G05D 1/08

(11) WO 03/027789 (13) A1

(21) PCT/US02/30555

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 09/962,038 25 Sep/sep 2001 US  
(25.09.2001)

(30) 09/962,762 25 Sep/sep 2001 US  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FLIGHT CONTROL SYSTEM FOR A  
HYBRID AIRCRAFT IN A TRANSI-  
TION REGION

• SYSTEME DE COMMANDE DE VOL  
POUR AERONEF HYBRIDE DANS  
UNE REGION DE TRANSITION

(71) SIKORSKY AIRCRAFT CORPORA-  
TION [US/US]; Legal-IP Dept., Mailstop  
S316A, 6900 Main Street, P.O. Box 9729,  
Stratford, CT 06615-9129 (US).

(72) KINKEAD, W., Douglas; 59 Cliffside  
Drive, Wallingford, CT 06492 (US). SCOTT,  
Mark, W.; 49 Tuttle Court, Bethany, CT  
06524 (US).

(74) GARDINER, Clinton, L.; Sikorsky Aircraft  
Corporation, Legal-IP Dep., Mailstop S316A,  
P.O. Box 9729, 6900 Main Street, Stratford,  
CT 06615-9129 (US).

(81) AU CA IL JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> G05D 23/19

(11) WO 03/027790 (13) A1

(21) PCT/DK02/00629

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) PA 2001 01385 24 Sep/sep 2001 DK  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A SYSTEM AND A METHOD FOR  
CONTROLLING ROOM TEMPERA-  
TURE

• SYSTEME ET PROCEDE DE REGU-  
LATION DE LA TEMPERATURE AM-  
BIANTE

(71, 72) HANSEN, Ole [DK/DK]; Strandhøjsvej  
7, DK-3050 Humlebæk (DK).

(74) PLOUGMANN & VINGTOFT A/S; Sund-  
krogsgade 9, P.O. Box 831, DK-2100 Copen-  
hagen Ø (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 SD SE SG SI SK (Utility model  
/ modèle d'utilité) 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G05F 1/575

(11) WO 03/027791 (13) A1

(21) PCT/US01/29559

(22) 22 Sep/sep 2001 (22.09.2001)

(25) en (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SWITCHING POWER SUPPLY

• ALIMENTATION ELECTRIQUE A  
COMMUTATION

(71) F O ENGINEERING, INC. [US/US]; Suite  
120, 25030 West Avenue Stanford, Santa  
Clarita, CA 91355 (US).

(72) DELLER, Robert, W.; 25458 Clover-  
lade Street, Santa Clarita, CA 91321 (US).  
HEAGEY, Robert, C.; 2657 Carrols Street,  
Acton, CA 93510 (US).

(74) ROBBINS, Billy, A.; Fulbright & Jaworski  
L.L.P., 29th floor, 865 South Figueroa Street,  
Los Angeles, CA 90017-2576 (US).

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

(51)<sup>7</sup> G06F

(11) WO 03/027792 (13) A2

(21) PCT/KR02/01802

(22) 24 Sep/sep 2002 (24.09.2002)

(25) ko (26) en

(30) 01-59783 26 Sep/sep 2001 KR  
(26.09.2001)

(30) 02-57584 23 Sep/sep 2002 KR  
(23.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PRINCIPAL GUARANTEEING GAME  
SYSTEM, GAMING METHOD US-  
ING THE SAME ON INTERNET AND  
STORAGE MEDIA FOR THE SAME

• SYSTEME DE JEU A GARANTIE DU  
CAPITAL, METHODE DE JEU REPO-  
SANT SUR LEDIT SYSTEME SUR IN-  
TERNET ET SUPPORTS DE MISE EN  
MEMOIRE DUDIT SYSTEME

(71, 72) PARK, Seo-Kyu [KR/KR]; 5F., Geum-  
seok Building, 1574-14, Seocho-dong, Seo-  
cho-gu, 137-070 Seoul (KR).

(74) SOHN, Eun-Jin; EUN JIN SOHN PATENT  
& LAW OFFICE, IF., Yeoksam P-Bldg.,  
824-17, Yeoksam-dong, Gangnam-gu,  
135-080 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NO NZ OM PH PL PT RO RU  
SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 03/027793 (13) A2

(21) PCT/US01/45859

(22) 19 Dec/déc 2001 (19.12.2001)

(25) en (26) en

(30) 60/324,091 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND SYSTEM FOR PER-  
FORMING FOUR-DIMENSIONAL,  
MULTIPLE CONSEQUENCE ASSES-  
MENTS OF CHANGE IN SELECTED  
SPACES

• PROCEDE ET SYSTEME DE REA-  
LISATION D'EVALUATIONS DE  
CHANGEMENT A CONSEQUENCES  
MULTIPLES, QUADRIDIMENSION-  
NELLES, D'ESPACES SELECTIONNES

(71, 72) ORR, Wilson, W. [US/US]; Box 1420,  
Poland road, Dewey, AZ 86327 (US). MAR-  
TINSEN, Craig, H. [US/US]; 1426 Paar  
Drive, Prescott, AZ 86305 (US). JOHNSON,  
Hoyt, III [US/US]; 303 E. Gurley No. 183,  
Prescott, AZ 86301 (US).

(74) FLESHNER, Mark, L. et al. / etc.; Fleshner  
& Kim, LLP, P.O. Box 221200, Chantilly, VA  
20153-1200 (US).

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

- HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 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).
- 
- (51)<sup>7</sup> G06F
- (11) WO 03/027794 (13) A2
- (21) PCT/US02/28952
- (22) 10 Sep/sep 2002 (10.09.2002)
- (25) en (26) en
- (30) 09/965,667 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SYSTEMS AND METHODS TO FACILITATE PAYMENT FOR SHIPPED GOODS
- SYSTEMES ET PROCEDES DESTINES A FACILITER LE PAIEMENT DE MARCHANDISES EXPEDIEES
- (71) FIRST DATA CORPORATION [US/US]; 12500 East Belford Avenue, Englewood, CO 80112-5939 (US).
- (72) THOMPSON, Mark; 5724 East 10th Ave., Denver, CO 80220 (US).
- (74) BOUCHER, Patrick 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F
- (11) WO 03/027795 (13) A2
- (21) PCT/US02/29216
- (22) 16 Sep/sep 2002 (16.09.2002)
- (25) en (26) en
- (30) 09/956,990 21 Sep/sep 2001 US (21.09.2001)
- (30) 10/121,477 12 Apr/avr 2002 US (12.04.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND APPARATUS FOR FACILITATING HANDLING OF COMMUNICATIONS
- PROCEDE ET APPAREIL FACILITANT LA GESTION DES COMMUNICATIONS
- (71) TALKFLOW SYSTEMS, LLC. [US/US]; The Governor Tyler, 1902 Downey Street, Radford, VA 24141 (US).
- (72) LIEBERMAN, Eric; 79 Dennison Road, State Rt. 617, Essex, CT 06426 (US). LOWERY, Brian; 90 Fern Street, Naugatuck, CT 06770 (US). KIRK, Julian, P.; 384 Camp Creek Road, Riner, VA 24149 (US). KIRK, Randal, J.; P.O. Box 89, State Rt. 617, Bel-spring, VA 24058 (US). NANCE, William, P.; 1101 Polk Ford Road, Stanfield, NC 28163 (US). LEE, Dennis, K.; 4707 South Hill View Drive, Charlotte, NC 28212 (US). GRAYSON, Michael, H.; 1701 Burtonwood Circle, Charlotte, NC 28212 (US). GROGAN, Joanne; 53 Woodland Court, Meriden, CT 06450 (US).
- (74) KAUFMAN, Marc, S.; Nixon Peabody LLP, 8180 Greensboro Drive, Suite 800, McLean, VA 22102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F
- (11) WO 03/027796 (13) A2
- (21) PCT/US02/29380
- (22) 12 Sep/sep 2002 (12.09.2002)
- (25) en (26) en
- (30) 60/323,906 21 Sep/sep 2001 US (21.09.2001)
- (30) 10/000,718 30 Oct/oct 2001 US (30.10.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SYSTEM AND METHOD FOR ENERGY AND GREEN-HOUSE GAS INVENTORY
- SYSTEME ET PROCEDE DESTINES A LA GESTION DE L'INVENTAIRE DES GAZ A EFFETS DE SERRE ET DE L'ENERGIE
- (71) CHEVRON U.S.A. INC. [US/US]; 2613 Camino Ramon-3Rd Floor, San Ramon, CA 94583 (US).
- (72) NORDRUM, Susann, B.; 100 Grove Avenue, Corte Madera, CA 94925 (US).
- (74) HADLOCK, Timothy, J. et al. / etc.; Chevrontexaco Corporation, Law Department, Post Office Box 6006, San Ramon, CA 94583-0806 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F
- (11) WO 03/027797 (13) A2
- (21) PCT/US02/29399
- (22) 16 Sep/sep 2002 (16.09.2002)
- (25) en (26) en
- (30) 09/960,788 21 Sep/sep 2001 US (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • GAMING DEVICE HAVING BONUS GAME TERMINATOR THAT ACTIVATES A MECHANICAL DEVICE
- DISPOSITIF DE JEU COMPRENANT UN TERMINATEUR DE JEU A BONUS ACTIVANT UN DISPOSITIF MECHANIQUE
- (71) IGT [US/US]; 9295 Prototype Drive, Reno, NV 89521-8986 (US).
- (72) WEBB, Bayard, S.; 3215 Palacio Court, Sparks, NV 89436 (US).
- (74) MASIA, Adam, H.; Bell, Boyd & Lloyd, LLC, P.O. Box 1135, Chicago, IL 60690-1135 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F
- (11) WO 03/027798 (13) A2
- (21) PCT/US02/29649
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) en (26) en
- (30) 09/956,997 21 Sep/sep 2001 US (21.09.2001)
- (30) 09/957,505 21 Sep/sep 2001 US (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR PROVIDING CARD-LESS PAYMENT
- PROCEDE DE PAIEMENT SANS CARTE
- (71) FIRST USA BANK, N.A. [US/US]; Three Christina Centre, 201 North Walnut Street, Wilmington, DE 19801 (US).
- (72) MANN, William, Frederick, III; 19 Healy Place, Avondale, PA 19311 (US). HIRKA, Jeffrey, L.; 1746 Carr Avenue, Memphis, TN 38104 (US).
- (74) SCOTT, Thomas, J., Jr. et al. / etc.; Intellectual Property Department, Hunton & Williams, 1900 K Street, N.W., Suite 1200, Washington, DC 20006-1109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 03/027799 (13) A2

(21) PCT/US02/29770

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 09/964,990 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEMS AND METHODS FOR EXCLUSIVELY DISTRIBUTING FLOWERS HAVING PRINTING THEREON  
• SYSTEMES ET PROCEDES DESTINES A LA DIFFUSION EXCLUSIVE DES FLEURS COMPORTANT UN IMPRIME

(71, 72) WALKER, Roland, N. [US/US]; 2130 South Boulevard, Idahl Falls, ID 83402 (US).

(74) KRIEGER, Michael, F. et al. / etc.; Kirtan & 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 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 OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 03/027800 (13) A2

(21) PCT/US02/29772

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 09/961,718 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR SECURE MOBILE TRANSACTION  
• PROCEDE ET APPAREIL POUR SECURISER LES TRANSACTIONS MOBILES

(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) MIHM, Thomas J., Jr.; 5815 Willow Court, Crystal Lake, IL 60014 (US). BINA, Fred, F.; 711 Lyons Road, Apt. 14104, Coconut Creek, FL 33063 (US). NGUYEN, Khanh, Q.; 37110 Collins Street, Enfield, S.A. 5085 (AU). MOSELEY, Philip; 24 Raffan Court, Montegue Farm, Adelaide, S.A. 5095 (AU).

(74) VAAS., Randall S., et al. / etc.; 600 North US Highway 45, AN475, Libertyville, IL 60048 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 03/027801 (13) A2

(21) PCT/US02/29991

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 09/963,483 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEMS AND METHODS FOR NOTIFICATION OF ELECTRONIC MAIL RECEIPT IN A SHARED COMPUTER ENVIRONMENT VIA ADVANCED INTELLIGENT NETWORK SYSTEMS

• SYSTEMES ET PROCEDES D'AVERTISSEMENT DE LA RECEPTION D'UN MESSAGE ELECTRONIQUE DANS UN ENVIRONNEMENT INFORMATIQUE PARTAGE AU MOYEN DE SYSTEMES RESEAU INTELLIGENTS AVANCES

(71) BELLSOUTH INTELLECTUAL PROPERTY CORPORATION [US/US]; 824 Market Street, Suite 510, Wilmington, DE 19801 (US).

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

(72, 75) KOCH, Robert, A. [US/US]; 6085 Courtside Drive, Norcross, GA 30092 (US). HOLT, Scott, C. [US/US]; 4695 North Church Lane, Apt. 1402, Smyrna, GA 30080 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 IE IT LU MC NL

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

(51)<sup>7</sup> G06F

(11) WO 03/027802 (13) A2

(21) PCT/US02/30064

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 60/324,647 24 Sep/sep 2001 US (24.09.2001)

(30) 10/008,098 13 Nov/nov 2001 US (13.11.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROCESSING PERFORMANCE DATA DESCRIBING A RELATIONSHIP BETWEEN A PROVIDER AND A CLIENT  
• TRAITEMENT DE DONNEES DE PERFORMANCE DECRIVANT UNE RELATION ENTRE UN FOURNISSEUR ET UN CLIENT

(71) ELECTRONIC DATA SYSTEMS CORPORATION [US/US]; 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).

(72) KISER, Charles, H.; 7303 Campbell Road, Dallas, TX 75248 (US). CLINTON, Cheryl, L.; 1101 Bayfield Drive, Denton, TX 75209 (US). COUCHOT, John, T.; 4702 Ivydale Lane, McKinney, TX 75070 (US). CURTIN, Anne, M.; 402 Georgetown Drive, Richardson, TX 75081 (US). DONOVAN, Joseph, M.; 3750 Fourth Avenue, San Diego, CA 92103 (US). DORFMEISTER, Steven, C.; 7300 Summer Glen Drive, McKinney, TX 75070 (US). FISH, Brian, L.; 414 Treeline Drive, McKinney, TX 75070 (US). FLORES, Lisa, Q.; 4904 Clear Lake, Frisco, TX 75035 (US). GERTON, William, M.; 3336 Barkwood Lane, Frisco, TX 75034 (US). HALL, Jim, D.; 2501 Ohio Dr., Apt. 438, Plano, TX 75093 (US). HICKS, Jaye, D.; 9517 Presthope, Frisco, TX 75035 (US). HINDS, Sonya, L.; 9850 Dogwood Street, Frisco, TX 75034 (US). MEARS, Randall, F.; 6745 Patrick Lane, Plano, TX 75024 (US). MORRIS, Rodney, B.; 3604 Salford Drive, Plano, TX 75025 (US). PEEDIN, Debbie, C.; 107 Duncansby Ct., Cary, NC 27511 (US). RICHARDS, Kevin, T.; 1100 Shumard Street, Allen, TX 75002 (US). SARGEANT, Cynthia, B.; 3620 Fairfield Place, Frisco, TX 75035 (US). STUART, Michael, W.; 8025 Ohio Drive, Apt. #6312, Plano, TX 75024 (US). VEATCH, Michael, J.; 1110 Pueblo Drive, Richardson, TX 75080 (US). WETZEL, Laura, L.; 5601 Rock Canyon Road, The Colony, TX 75056 (US). WILL, Gene, C.; 8404 Wareham Drive, Plano, TX 75024 (US).

(74) LINEBERRY, Allen, Scott; EDS, Patent Counsel, 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G06F

(11) WO 03/027803 (13) A2

(21) PCT/US02/30120

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 60/324,647 24 Sep/sep 2001 US (24.09.2001)

(30) 10/008,098 13 Nov/nov 2001 US (13.11.2001)

(30) 10/061,429 1 Feb/fév 2002 US (01.02.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • REPORTING PERFORMANCE DATA DESCRIBING A RELATIONSHIP BETWEEN A PROVIDER AND A CLIENT

• RAPPORT DE DONNEES DE PERFORMANCE CONCERNANT UNE RELATION ENTRE UNE FOURNISSEUR ET UN CLIENT

(71) ELECTRONIC DATA SYSTEMS CORPORATION [US/US]; 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).

(72) COUCHOT, John, T.; 4702 Ivyleaf Lane, McKinney, TX 75070 (US). FLORES, Lisa, Q.; 4904 Clear Lake, Frisco, TX 75035 (US). RUTLEDGE, Mariane; 1818 Grand Canyon Way, Allen, TX 75002 (US). HALL, James, D.; Apt. 438, 2501 Ohio Drive, Plano, TX 75093 (US). CURTIN, Anne, M.; 402 Georgetown Drive, Richardson, TX 75081 (US).

(74) LINEBERRY, Allen, Scott; Patent Counsel, EDS, 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G06F

(11) WO 03/027804 (13) A2

(21) PCT/US02/30229

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,318 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CROSS-BRANDING RESERVATION AND TRACKING SYSTEM

• SYSTEME DE RESERVATION A REGROUPEMENT DE MARQUES ET DE SUIVI

(71) INTERNATIONAL LIFESTYLES, INC. [US/US]; 2021 Hayes Street, Hollywood, FL 33020 (US).

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

(71, 72) PATULLO, Pasquale, A., [US/US]; 729 Highlands Drive, Hollywood, FL 33201 (US).

TROTTA., Thomas L., [US/US]; 3600 NW 89 Terrace, Cooper City, FL 33024 (US).

(74) SCOTT, James, C.; Arter & Hadden, 925 Euclid Ave., 1100 Huntington Bldg., Cleveland, OH 44115 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 03/027805 (13) A2

(21) PCT/US02/30281

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324333 24 Sep/sep 2001 US (24.09.2001)

(30) 60/396,404 15 Jul/juil 2002 US (15.07.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD FOR SUPPLYING COMMUNICATION SERVICE

• SYSTEME ET PROCEDE PERMETTANT DE FOURNIR UN SERVICE DE COMMUNICATION

(71) E-2 INTERACTIVE, INC. [US/US]; 250 Williams Street., Suite M-100, Atlanta, GA 30303 (US).

(72) GRAVES, Phillip, Craig; 250 Williams Street., Suite M-100, Atlanta, GA 30303 (US). SMITH, Merrill, Brooks; 250 Williams Street, Suite M-100, Atlanta, GA 30303 (US).

(74) MARTINEZ DE ANDINO, J., et al. / etc.; Hunton & Williams, Riverfront Plaza, East Tower, 951 East Byrd Street, Richmond, VA 23219-4074 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 03/027806 (13) A2

(21) PCT/US02/30562

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 09/965,098 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HYBRID AUCTIONS AND METHODS AND SYSTEMS FOR CONDUCTING SAME OVER A COMPUTER NETWORK

• VENTES AUX ENCHERES HYBRIDES, PROCEDES ET SYSTEMES PERMETTANT DE REALISER CES VENTES SUR UN RESEAU INFORMATIQUE

(71) ORACLE CORPORATION [US/US]; 500 Oracle Parkway, Redwood Shores, CA 94065 (US).

(72) JOHNSON, Richard, C.; 7542 Shadowhill Lane, Cupertino, CA 95014 (US).

(74) YOUNG, Alan, W.; Young Law Firm, P.C., Suite 106, 4370 Alpine Road, Portola Valley, CA 94028 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 03/027807 (13) A2

(21) PCT/US02/30596

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,847 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR SUPPORTING ETHERNET MAC CIRCUITS

• PROCEDE PERMETTANT D'ACCUEILLIR DES CIRCUITS A COMMANDE D'ACCES AU SUPPORT (MAC) ETHERNET

(71, 72) GONDA, Rumi, Sheryar [US/US]; 106 Steele Lane, Boxborough, MA 01719 (US).

(74) CANNING, Kevin, J. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F  
(11) WO 03/027808 (13) A2  
(21) PCT/US02/30620  
(22) 26 Sep/sep 2002 (26.09.2002)  
(25) en (26) en  
(30) 09/967,171 27 Sep/sep 2001 US  
(27.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • SYSTEM AND METHOD FOR PRO-  
VIDING LOGISTICS FOR A SALE OF  
GOODS  
• SYSTEME ET PROCEDE PERMET-  
TANT D'ASSURER LA LOGISTIQUE  
DANS LA VENDE DE MARCHAN-  
DISES  
(71) LIQUIDSEATS INC. [US/US]; 3435 Cesar  
Chavez, Suite 206, San Francisco, CA 94109  
(US).  
(72) FLUHR, Jeff; 1700 California Street, Apt.  
1005, San Francisco, CA 94109 (US). LEV-  
ENSON, Matthew; 129 Marguerita Avenue,  
#2, Santa Monica, CA 90402 (US). LAW-  
SON, Jeff; 1395 Kelton Avenue, Los Ange-  
les, CA 90024 (US). KERNES, Shawn; 1190  
West Hillside Boulevard, Apt. 11, San Mateo,  
CA (US).  
(74) GRAY CARY WARE & FREIDENRICH  
LLP; Attn: Alberti, David, L., Patent Depart-  
ment, 1755 Embarcadero Road, Palo Alto,  
CA 94303 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F  
(11) WO 03/027809 (13) A2  
(21) PCT/US02/30660  
(22) 25 Sep/sep 2002 (25.09.2002)  
(25) en (26) en  
(30) 09/963,843 25 Sep/sep 2001 US  
(25.09.2001)  
(30) 10/255,142 24 Sep/sep 2002 US  
(24.09.2002)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • PROGRAMMABLE UNIVERSAL LO-  
CATING SYSTEM  
• SYSTEME DE LOCALISATION UNI-  
VERSEL PROGRAMMABLE  
(71, 72) SEBANC, John [US/US]; 400 West  
Acacia Road, Glendale, WI 53217 (US).  
(72) CHAMBERLIN, Robert, John; 4455 Car-  
riage Circle, Jamesville, NY 13078 (US).  
(74) BRISSON, Timothy, A.; Sierra Patent  
Group, Ltd., P.O. Box 6149, Stateline, NV  
89449 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F  
(11) WO 03/027810 (13) A2  
(21) PCT/US02/30899  
(22) 30 Sep/sep 2002 (30.09.2002)  
(25) en (26) en  
(30) 60/325,200 28 Sep/sep 2001 US  
(28.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • APPARATUS AND METHODS FOR  
PROVIDING A NATIONAL PORTAL  
FOR ELECTRONIC SERVICES  
• APPAREILS ET PROCEDES DE CREA-  
TION D'UN PORTAIL NATIONAL  
POUR DES SERVICES ELECTRO-  
NIQUES  
(71) ACS STATE & LOCAL SOLUTIONS,  
INC. [US/US]; 300 Frank W. Burr Boul-  
vard, Teaneck, NJ 07666 (US).  
(72) POLK, John, D.; 1632 Sunstone Drive,  
McLean, VA 22102 (US).  
(74) GARRET, Arthur, S.; Finnegan, Hender-  
son, Farabow, Garrett & Dunner, L.L.P., 1300  
I Street, N.W., Washington, DC 2005-3315  
(US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F  
(11) WO 03/027811 (13) A2  
(21) PCT/US02/31055  
(22) 30 Sep/sep 2002 (30.09.2002)  
(25) en (26) en  
(30) 60/325,518 28 Sep/sep 2001 US  
(28.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • FUEL DISPENSER UTILIZING  
METHOD FOR A GUIDED CUSTOMER  
INTERFACE AND THE METHOD  
THEREFOR  
• DISTRIBUTEUR DE CARBURANT  
UTILISANT UN PROCEDE D'INTER-  
FACE CLIENT GUIDEE ET PROCEDE  
ASSOCIE  
(71) ENVIRON PRODUCTS, INC. [US/US];  
3250 US 70 Business West, Smithfield, NC  
27577 (US).  
(72) WEBB, Michael, C.; 10701 GolfLink Drive,  
Raleigh, NC 27617 (US). STRUTHERS,  
Kevin, D.; 109 Bradborne Circle, Clayton,  
NC 27520 (US).  
(74) DELMASTER, Joseph, R., Jr.; Drinker  
Biddle & Reath LLP, 1500 K Street N.W.,  
Washington, DC 20005-1209 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F  
(11) WO 03/027812 (13) A1  
(21) PCT/US02/31103  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) en (26) en  
(30) 60/326,172 28 Sep/sep 2001 US  
(28.09.2001)  
(30) 10/075,856 12 Feb/fév 2002 US  
(12.02.2002)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • SYSTEM AND METHOD FOR DE-  
TECTING AND MONITORING NON-  
COMPLIANT INTERSTATE TRANS-  
PORTATION OF MATERIALS  
• SYSTEME ET PROCEDE POUR  
DETECTER ET SURVEILLER LE  
TRANSPORT INTERNATIONAL NON  
CONFORME DE MATIERES  
(71) MCT INDUSTRIES [US/US]; 7451 Pan  
American Freeway, NE, Albuquerque, NM  
87109 (US).  
(72) ZERWEKH, William, D.; 795 Rim Road,  
Los Alamos, NM 87544 (US). LUCERO,  
Jacob, P.; 906 La Jolla Street, Espanola,  
NM 87532 (US). LANGNER, Gerald, C.;  
90 Mimbris Drive, Los Alamos, NM 87544  
(US). MARTINEZ, Ted, R.; 9632 Pebble  
Beach Drive, NE, Albuquerque, NM 87111  
(US).  
(74) SULLIVAN, Stephen, G. 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  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 03/027813 (13) A2  
(21) PCT/US02/31130  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) en (26) en  
(30) 60/326,155 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • PORTABLE BUSINESS INFORMATION CONTENT AND MANAGEMENT SYSTEM  
• SYSTEME DE CONTENU ET DE GESTION D'INFORMATIONS COMMERCIALES PORTABLE

(71) SAP AG [DE/DE]; Neurtotstrasse 16, 69190 Walldorf (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) SCHEINKMAN, Luiz [BR/US]; 895 Poplar Avenue, Sunnyvale, CA 94086 (US).  
(74) ALBERT, Philip, H. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

(51)<sup>7</sup> G06F 1/00

(11) WO 03/027814 (13) A1  
(21) PCT/DE02/02887  
(22) 6 Aug/août 2002 (06.08.2002)  
(25) de (26) de  
(30) 101 43 496.0 5 Sep/sep 2001 DE (05.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD FOR TRANSMITTING COPYRIGHT PROTECTED DATA IN A COMMUNICATION SYSTEM AND CORRESPONDING COMMUNICATION TRANSMITTER DEVICE AND COMMUNICATION RECEIVER DEVICE  
• PROCEDE DE TRANSMISSION D'INFORMATIONS PROTEGEES PAR

DROIT D'AUTEUR DANS UN SYSTEME DE COMMUNICATION AINSI QUE DISPOSITIF D'EMISSION DE COMMUNICATION ET DISPOSITIF DE RECEPTION DE COMMUNICATION CORRESPONDANTS

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) NEUMANN, Peter [DE/DE]; Im Gefilde 87, 81739 München (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :  
*(s) for the following designations / pour les désignations suivantes : CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)*  
*(u) for / pour US only / seulement*

(51)<sup>7</sup> G06F 1/00

(11) WO 03/027815 (13) A2  
(21) PCT/DE02/03202  
(22) 30 Aug/août 2002 (30.08.2002)  
(25) de (26) de  
(30) 101 46 516.5 21 Sep/sep 2001 DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • PROGRAMME-CONTROLLED UNIT  
• UNITE COMMANDEE PAR PROGRAMME

(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) ROHM, Peter [DE/DE]; Bistumerweg 8, 85276 Pfaffenhofen (DE).

(74) JANNIG, Peter et al. / etc.; Jannig & Repkow, Patentanwälte, Klausenberg 20, 86199 Augsburg (DE).

(81) US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G06F 1/00, 12/14

(11) WO 03/027816 (13) A1  
(21) PCT/NO02/00342  
(22) 25 Sep/sep 2002 (25.09.2002)  
(25) en (26) en  
(30) 60/325,168 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD AND DEVICE FOR ENCRYPTION/DECRYPTION OF DATA ON MASS STORAGE DEVICE  
• PROCEDE ET DISPOSITIF DE CRYPTAGE/DECRYPTAGE DE DONNEES SUR UN DISPOSITIF DE MEMOIRE A GRANDE CAPACITE

(71) HIGH DENSITY DEVICES AS [NO/NO]; Ballastgata 9, N-4515 Mandal (NO).

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

(72, 75) NESSLER, Kai, Wilhelm [NO/NO]; Gamle Hålandsbakken, N-4517 Mandal (NO).

(74) MIDTTUN, Gisle; Bryns Zacco AS, P.O. Box 765, Sentrum, N-0106 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 1/26

(11) WO 03/027817 (13) A2  
(21) PCT/US02/31328  
(22) 30 Sep/sep 2002 (30.09.2002)  
(25) en (26) en  
(30) 09/967,032 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • POWER MANAGEMENT SYSTEM TO SELECT A POWER STATE FOR A NETWORK COMPUTER SYSTEM BASED ON LOAD  
• SYSTEME DE GESTION D'ALIMENTATION PERMETTANT DE SELECTIONNER UN ETAT D'ALIMENTATION POUR UN SYSTEME INFORMATIQUE DE RESEAU EN FONCTION D'UNE CHARGE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) RHOADS, Monte; 1245 SE 35th Avenue, Hillsboro, OR 97123 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 1/32

(11) WO 03/027818 (13) A2  
(21) PCT/US02/28537  
(22) 4 Sep/sep 2002 (04.09.2002)  
(25) en (26) en

- (30) 09/965,283 **25 Sep/sep 2001** US  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • A METHOD AND APPARATUS TO PROVIDE A USER PRIORITY MODE  
• PROCEDE ET DISPOSITIF DONNANT UN MODE DE PRIORITE D'UTILISATEUR
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) STANLEY, Randy; 7206 Mesa Drive, Aptos, CA 95003 (US).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F 1/32
- (11) WO 03/027819 (13) A2
- (21) PCT/US02/30954
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en
- (30) 09/967,377 **28 Sep/sep 2001** US  
(28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND APPARATUS TO MONITOR PERFORMANCE OF A PROCESS  
• PROCEDE ET APPAREIL PERMETTANT DE SURVEILLER LES PERFORMANCES D'UN PROCEDE
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) MORROW, Michael, W.; P.O. Box 7148, Chandler, AZ 85246 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F 3/00
- (11) WO 03/027821 (13) A2
- (21) PCT/EP02/10477
- (22) 18 Sep/sep 2002 (18.09.2002)
- (25) de (26) de
- (30) 101 46 471.1 **21 Sep/sep 2001** DE  
(21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • THREE-DIMENSIONAL INTEGRATED TOUCH SCREEN INPUT APPARATUS  
• APPAREIL D'ENTREE 3D A ECRAN TACTILE INTEGRE
- (71) 3DCONNEXION GMBH [DE/DE]; An der Hartmühle 8, 82229 Seefeld (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GOMBERT, Bernd [DE/DE]; 3Dconnexion GmbH, An der Hartmühle 8, 82229 Seefeld (DE). VON PRITTWITZ, Bernhard [DE/DE]; 3Dconnexion GmbH, An der Hartmühle 8, 82229 Seefeld (DE).
- (74) RUPP, Christian; Mitscherlich & Partner, Postfach 33 06 09, 80066 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F 3/00
- (11) WO 03/027822 (13) A2
- (21) PCT/IB02/03698
- (22) 6 Sep/sep 2002 (06.09.2002)
- (25) en (26) en
- (30) 01203661.2 **24 Sep/sep 2001** EP  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • INTERACTIVE SYSTEM AND METHOD OF INTERACTION  
• SYSTEME INTERACTIF ET PROCEDE D'INTERACTION
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) THURSFIELD, Paul, P.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SCHIMMEL, Othmar, V.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). GEURTS, Lucas, J., F.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> G06F 3/033
- (11) WO 03/027823 (13) A1
- (21) PCT/CN02/00532
- (22) 2 Aug/août 2002 (02.08.2002)
- (25) zh (26) zh
- (30) 01264012.3 **25 Sep/sep 2001** CN  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PANEL DISPLAY SCREEN WITH TOUCH CONTROL FUNCTION  
• ECRAN AFFICHEUR A FONCTION DE COMMANDE A EFFLEUREMENT
- (71) MOVADO ENTERPRISE CO., LTD [CN/CN]; 10F-7, No.400 Hwan Pel Rd., Chungli City, Taoyuan Hsien, Taiwan (CN).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SHI, Xuanming [CN/CN]; 10F-7, No.400 Hwan Pel Rd., Chungli City, Taoyuan Hsien, Taiwan (CN). LIU, Guangliang



- [CN/CN]; 10F-7, No.400 Hwan Pel Rd., Chungli City, Taoyuan Hsien, Taiwan (CN).
- (74) **BEIJING BENXIN-ZHICHENG PATENT CO., LTD**; No.16, Xizhimen Nandajie, Xicheng District, Beijing 100035 (CN).
- (81) 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **G06F 3/033**
- (11) **WO 03/027824** (13) A2
- (21) PCT/DE02/02726
- (22) **24 Jul/juil 2002 (24.07.2002)**
- (25) de (26) de
- (30) 101 42 030.7 **28 Aug/août 2001 DE (28.08.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • OPERATING DEVICE
- DISPOSITIF DE COMMANDE
- (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) **JUNG, Thomas [DE/DE]**; Umlandstrasse 60, 60314 Frankfurt (DE).  
**SCHREINER, Joerg [DE/DE]**; Laube-strasse 14, 60594 Frankfurt (DE).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> **G06F 3/033**
- (11) **WO 03/027825** (13) A2
- (21) PCT/JP02/09235
- (22) **10 Sep/sep 2002 (10.09.2002)**
- (25) en (26) en
- (30) 2001-285171 **19 Sep/sep 2001 JP (19.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DISPLAY DEVICE AND CONTROL SYSTEM THEREOF
- ECRAN ET SON SYSTEME DE COMMANDE
- (71) **CASIO COMPUTER CO., LTD. [JP/JP]**; 6-2, Hon-machi 1-chome, Shibuya-ku, Tokyo 151-8543 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **OHTANI, Tomohiko [JP/JP]**; 4-38-5, Sunagawacho, Tachikawa-shi, Tokyo 190-0031 (JP).  
**KAMIO, Tomomi [JP/JP]**; 2-1479-8-101, Yarimizu, Hachioji-shi, Tokyo 192-0375 (JP).
- (74) **SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).**
- (81) CN KR US.
- (84) EP (DE FI FR GB NL SE).
- 
- (51)<sup>7</sup> **G06F 3/033, 3/03, 3/02, 3/023**
- (11) **WO 03/027826** (13) A1
- (21) PCT/JP02/09528
- (22) **17 Sep/sep 2002 (17.09.2002)**
- (25) ja (26) ja
- (30) 2001/289306 **21 Sep/sep 2001 JP (21.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • INPUT APPARATUS, COMPUTER APPARATUS, METHOD FOR IDENTIFYING INPUT OBJECT, METHOD FOR IDENTIFYING INPUT OBJECT IN KEYBOARD, AND COMPUTER PROGRAM
- DISPOSITIF D'ENTREE, APPAREIL INFORMATIQUE, PROCEDE D'IDENTIFICATION D'UN OBJET ENTRE, PROCEDE D'IDENTIFICATION D'UN OBJET ENTRE AVEC UN CLAVIER, ET PROGRAMME INFORMATIQUE
- (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) **YANAGISAWA, Takashi [JP/JP]**; c/o Yamato site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP).
- (74) **SAKAGUCHI, Hiroshi et al. / etc.; c/o Yamato Site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (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 SI 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 CZ 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).
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- (51)<sup>7</sup> **G06F 3/033**
- (11) **WO 03/027827** (13) A1
- (21) PCT/NL01/00686
- (22) **14 Sep/sep 2001 (14.09.2001)**
- (25) en (26) en
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD OF PROVIDING A GRAPHICAL USER INTERFACE FOR A PROCESSING DEVICE, AND PROGRAMMABLE PROCESSING DEVICE COMPRISING SUCH AN INTERFACE
- PROCEDE DE FOURNITURE D'INTERFACE GRAPHIQUE UTILISATEUR DE DISPOSITIF DE TRAITEMENT ET DISPOSITIF DE TRAITEMENT PROGRAMMABLE COMPRENANT CETTE INTERFACE
- (71) **LE GUÉ BEHEER B.V. [NL/NL]**; Zuiddijk 2, NL-1464 EA Beemster (NL).  
**JACOB SCHAPER BEHEER B.V. [NL/NL]**; Aletta Jacobskade 72, NL-3137 TB Vlaardingen (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SCHAPER, Jacob [NL/NL]**; Aletta Jacobskade 72, NL-3137 TB Vlaardingen (NL).
- (74) **DE VRIES, Johannes, Hendrik, F.; De Vries & Metman, Overschiestraat 180, NL-1062 XK Amsterdam (NL).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA 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 CZ 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).
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- (51)<sup>7</sup> **G06F 3/06, 12/02, G11C 16/10, 16/34**
- (11) **WO 03/027828** (13) A1
- (21) PCT/GB02/04381
- (22) **27 Sep/sep 2002 (27.09.2002)**
- (25) en (26) en
- (30) 0123415.2 **28 Sep/sep 2001 GB (28.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD OF WRITING DATA TO NON-VOLATILE MEMORY
- PROCEDE D'ECRITURE DE DONNEES DANS UNE MEMOIRE NON VOLATILE
- (71) **LEXAR MEDIA, INC. [US/US]**; 47421 Bayside Parkway, Fremont, CA 94538 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **GOROBETS, Sergey, Anatolievich [GB/GB]**; 1F1, 16 East Mayfield, Edinburgh EH9 1SE (GB).  
**BENNETT, Alan, David [GB/GB]**; 2 Thorburn Road, Edinburgh EH13 0BG (GB).  
**SINCLAIR, Alan, Welsh [GB/GB]**; 12/4 Damside, Edinburgh EH4 3BB (GB).
- (74) **BERESFORD, Keith, Denis, Lewis et al. / etc.; Beresford & Co., 2-5 Warwick Court, High Holborn, London WC1R 5DH (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 3/12

(11) WO 03/027829 (13) A1

(21) PCT/GB02/04294

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 09/963,807 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A PRINTING SYSTEM  
• SYSTEME D'IMPRESSION(71) INTERNATIONAL BUSINESS MA-  
CHINES CORPORATION [US/US]; New  
Orchard Road, Armonk, NY 10504 (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) BUIS, Roger, Lee; 10000 County Road 222,  
Fort Lupton, CO 80621 (US). GEBERT,  
Steven, Mark; 4750 McKinley Drive,  
Boulder, CO 80303 (US). HOHENSEE,  
Reinhard, Heinrich; 3895 Norwood Court,  
Boulder, CO 80304 (US).(74) MOSS, Robert, Douglas; 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  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G06F 3/14, H04M 1/725, G04G 1/00

(11) WO 03/027830 (13) A1

(21) PCT/FR02/03227

(22) 20 Sep/sep 2002 (20.09.2002)

(25) fr (26) fr

(30) 01/12219 21 Sep/sep 2001 FR  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DIGITAL IMAGE TRANSMISSION  
UNIT, THE METHODS USED IN  
ONE SUCH UNIT, A DIGITAL IM-  
AGE TRANSMISSION DEVICE AND A  
DIGITAL IMAGE DISPLAY DEVICE• ENSEMBLE DE TRANSMISSION  
D'IMAGES NUMERIQUES, PRO-  
CEDES MIS EN OEUVRE DANS  
UN TEL ENSEMBLE, DISPOSITIF  
D'EMISSION D'IMAGES NUME-  
RIQUES ET DISPOSITIF D'AFFI-  
CHAGE D'IMAGES NUMERIQUES(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).(74) REMY, Vincent; Cabinet Lhermet La Bigne  
& Remy, 191, rue Saint-Honoré, F-75001  
Paris (FR).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G06F 7/49, H03M 7/00, 7/12, 7/18

(11) WO 03/027831 (13) A1

(21) PCT/US02/30626

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 09/964,957 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND SYSTEME FOR CON-  
VERTING VARYING-RADIX NUM-  
BERS• PROCEDE ET APPAREIL PERMET-  
TANT DE CONVERTIR DES NOMBRES  
A BASE VARIABLE(71) INTEL CORPORATION [US/US]; 2200  
Mission College Boulevard, Santa Clara, CA  
95052 (US).(72) YANG, Rongzhen; 22th Floor, Shang-  
haimart Tower, 99 Yan'an Road West, Shang-  
hai, 200336 (CN).(74) MALLIE, Michael, J.; Blakely, Sokoloff,  
Taylor & Zafman, 7th Floor, 12400 Wilshire  
Boulevard, Los Angeles, CA 90025 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).(51)<sup>7</sup> G06F 7/58

(11) WO 03/027832 (13) A2

(21) PCT/US02/29080

(22) 13 Sep/sep 2002 (13.09.2002)

(25) en (26) en

(30) 09/963,857 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HASH-BASED PSEUDO-RANDOM  
NUMBER GENERATOR• GENERATEUR DE NOMBRES  
PSEUDO-ALEATOIRES FONDE SUR  
LE HACHAGE(71) INTEL CORPORATION [US/US]; (a  
Delaware Corporation), 2200 Mission Col-  
lege Boulevard, Santa Clara, CA 95052 (US).(72) RUEHLE, Mike; 2655 Kaystone Avenue,  
#30, Santa Clara, CA 95051 (US).(74) MALLIE, Michael, J.; Blakely, Sokoloff,  
Taylor & Zafman, 7th Floor, 12400 Wilshire  
Boulevard, Los Angeles, CA 90025 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).(51)<sup>7</sup> G06F 7/72, 7/556

(11) WO 03/027833 (13) A1

(21) PCT/US02/29802

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/964,137 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SQUARE-AND-MULTIPLY EXPO-  
NENT PROCESSOR• PROCESSEUR D'EXPOSANTS FAI-  
SANT APPEL A LA TECHNIQUE  
ELEVATION AU CARRE ET MULTI-  
PLICATION(71) INTEL CORPORATION [US/US]; 2200  
Mission College Boulevard, Santa Clara, CA  
95052 (US).(72) RUEHLE, Mike; 2655 Kaystone Avenue,  
#30, Santa Clara, CA 95051 (US).(74) MALLIE, Michael, J.; Blakely Sokoloff  
Taylor & Zafman, 7th floor, 12400 Wilshire  
Boulevard, Los Angeles, CA 90025 (US) et  
al. / etc.(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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).(51)<sup>7</sup> G06F 9/40

(11) WO 03/027834 (13) A2

(21) PCT/DE02/03589

(22) 23 Sep/sep 2002 (23.09.2002)

(25) de (26) de

(30) 101 47 466.0 26 Sep/sep 2001 DE  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR ROLE-BASED CONTROL OF ACCESS TO RESOURCES ON A DATA PROCESSING SYSTEM, DATA PROCESSING SYSTEM AND COMPUTER PROGRAMME

- PROCEDE DE COMMANDE SUR LA BASE DE ROLES, DE L'ACCES AUX RESSOURCES D'UN SYSTEME DE TRAITEMENT DE DONNEES, SYSTEME DE DONNEES ET PROGRAMME INFORMATIQUE CORRESPONDANTS

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) KOPPER, Harald [DE/DE]; Zweigstrasse 14, 82266 Inning (DE). WÖHRL, Rudolf [DE/DE]; Pfarrer-Secaner-Strasse 29, 85748 Garching (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (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 SI 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 IE IT LU MC NL PT SE 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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT 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)<sup>7</sup> G06F 9/40

(11) WO 03/027835 (13) A2

(21) PCT/US02/31156

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/966,015 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A METHOD FOR PROVIDING SYSTEM INTEGRITY AND LEGACY ENVIRONMENT EMULATION

- PROCEDE PERMETTANT DE FOURNIR UN SYSTEME D'INTEGRITE ET UNE EMULATION D'ENVIRONNEMENT CLASSIQUE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) ZIMMER, Vincent; 1937 South 369th Street, Federal Way, WA 98003 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely Sokoloff Taylor &amp; Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/44, 17/60, G05B 19/05, G06F 17/30

(11) WO 03/027836 (13) A2

(21) PCT/US02/25670

(22) 13 Aug/août 2002 (13.08.2002)

(25) en (26) en

(30) 09/961,879 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND SYSTEM FOR COLLABORATIVELY DEVELOPING PROGRAMMING CODE FOR PROGRAMMABLE CONTROLLERS

- PROCEDE ET SYSTEME DE DEVELOPPEMENT COLLABORATIF DE CODE DE PROGRAMMATION POUR DES UNITES DE COMMANDE PROGRAMMABLES

(71) SIEMENS ENERGY &amp; AUTOMATION, INC. [US/US]; 3333 Old Milton Parkway, Alpharetta, GA 30005-4437 (US).

(72) LO, George; 87 Elsie Drive, Plainsboro, NJ 08536 (US). CAMUTI, Paul; 8 Breckenridge Court, Belle Mead, NJ 08502 (US).

(74) RUBIN, Benjamin, M. et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).

(81) CN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G06F 9/44, G07F 19/00

(11) WO 03/027837 (13) A2

(21) PCT/US02/28646

(22) 10 Sep/sep 2002 (10.09.2002)

(25) en (26) en

(30) 09/965,386 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEMS AND METHODS FOR AUTOMATIC LANGUAGE SELECTION FOR SYSTEM USER INTERFACE

- SYSTEMES ET PROCEDES POUR LA SELECTION AUTOMATIQUE DE LANGUES POUR INTERFACE UTILISATEUR DE SYSTEME

(71) HEWLETT-PACKARD COMPANY [US/US]; Legal Department, 3000 Hanover Street, M/S 1051, Palo Alto, CA 94304-1112 (US).

(72) ANDERSEN, Eric, L.; 577 W. Sly Fox Street, Meridian, ID 83642 (US). MENDENHALL, Russell, A.; 4180 N. Marclaiiffe, Boise, ID 83704 (US). MUL, Paul, K.; 8236 W. Donnybrook Drive, Boise, ID 83709 (US).

(74) WADE, Matthew, L.; Hewlett-Packard Company, IPA Administration, P. O. Box 272400, Fort Collins, CO 80527-2400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/44

(11) WO 03/027838 (13) A1

(21) PCT/US02/29901

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 09/960,529 21 Sep/sep 2001 US  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR SMART DIRECTORIES FOR APPLICATION DEPLOYMENT

- PROCEDE ET APPAREIL DE DEPLOIEMENT D'APPLICATIONS A L'AIDE DE REPERTOIRES INTELLIGENTS

(71) BEA SYSTEMS, INC. [US/US]; 2315 North First Street, San Jose, CA 95131 (US).

(72) RENAUD, Benjamin; 3970 19th Street, San Francisco, CA 94104 (US).

(74) MEYER, Sheldon, R. et al. / etc.; Fliesler Dubb Meyer and Lovejoy LLP, Suite 400, Four Embarcadero Center, San Francisco, CA 94111-4156 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL

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

Published / Publiée : (c)

(51)<sup>7</sup> G06F 9/445, 15/177, H04Q 7/30

(11) WO 03/027839 (13) A1

(21) PCT/FI02/00766

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 20011881 25 Sep/sep 2001 FI (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF BOOTING DISTRIBUTED PROCESSOR ARCHITECTURE OF A BASE STATION, AND A BASE STATION

• STATION DE BASE ET PROCÉDE D'AMORÇAGE D'UNE ARCHITECTURE DE PROCESSEUR REPARTIE D'UNE STATION DE BASE

(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) ASPEGREN, Sami [FI/FI]; Torikatu 16 A 3, FIN-90100 Oulu (FI). VIERO, Timo [FI/FI]; Juvanpuisto 10, FIN-02920 Espoo (FI). HEIKKINEN, Eero [FI/FI]; Urpiaisentie 41, FIN-90540 Oulu (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(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 SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT 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)<sup>7</sup> G06F 9/45

(11) WO 03/027840 (13) A1

(21) PCT/US02/30535

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 60/325,031 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • UTILITY METER HAVING COMPUTER NETWORK ACCESS FOR RECEIVING AN INTERPRETIVE LANGUAGE PROGRAM TO IMPLEMENT NEW METER FUNCTIONALITY

• COMPTEUR DISPOSANT D'UN ACCES A UN RESEAU INFORMATIQUE AFIN DE RECEVOIR UN PROGRAMME EN LANGAGE D'INTERPRETATION PERMETTANT DE METTRE EN OEUVRE UNE NOUVELLE FONCTIONNALITE DU COMPTEUR

(71) SIEMENS METERING, INC. [US/US]; 2800 Duncan Road, Lafayette, IN 47904 (US). BÜRNS, Gordon, R. [US/US]; 5839 Wild Cherry Dr., West Lafayette, IN 47906 (US). JENNETTE, William [US/US]; 10300 Roadstead Way West, Raleigh, NC 27613 (US).

(74) LOCKMAN, David, M.; Maginot, Moore & Bowman LLP, Bank One Center/Tower, 111 Monument Circle, Suite 3000, Indianapolis, IN 46204-5115 (US).

(81) CN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> G06F 9/45

(11) WO 03/027841 (13) A2

(21) PCT/US02/30584

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 09/964,724 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A METHOD FOR IMPLEMENTING FAST TYPE CHECKING

• PROCÉDE D'INSTALLATION D'UNE VERIFICATION RAPIDE DES TYPES

(71) INTEL CORPORATION [US/US]; (a Delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) LI, Xiao, Feng; B6-1102#, Sun Garden, Hai Dian District, Beijing 100086 (CN).

(74) MALLIE, Michael, J.; Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US) et al. / etc.

(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 SI 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 IE IT LU MC NL

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

(51)<sup>7</sup> G06F 9/455

(11) WO 03/027842 (13) A2

(21) PCT/IB02/03695

(22) 6 Sep/sep 2002 (06.09.2002)

(25) en (26) en

(30) 01402455.8 25 Sep/sep 2001 EP (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SOFTWARE SUPPORT FOR VIRTUAL MACHINE INTERPRETER (VMI) ACCELERATION HARDWARE

• SOUTIEN LOGICIEL POUR MATERIEL D'ACCELERATION D'INTERPRETEUR DE MACHINE VIRTUELLE (VMI)

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

(72) LINDWER, Menno, M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BEN-YEDDER, Selim; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/46

(11) WO 03/027843 (13) A2

(21) PCT/EP02/10439

(22) 17 Sep/sep 2002 (17.09.2002)

(25) de (26) de

(30) 101 46 718.4 21 Sep/sep 2001 DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROCESS PLANNING METHOD

• PROCÉDE DE PLANIFICATION DE PROCESSUS

(71) VOLKSWAGEN [DE/DE]; Aktiengesellschaft, 38436 Wolfsburg (DE).

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

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(74) RABE, Andreas; Reitstötter, Kinzebach & Partner (GfR), Sternwartstr. 4, 81679 München (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/46

(11) WO 03/027844 (13) A2

(21) PCT/GB02/03918

(22) 23 Aug/août 2002 (23.08.2002)

(25) en (26) en

(30) 09/965,013 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CONSERVING ENERGY IN A DATA PROCESSING NETWORK  
• CONSERVATION DE L'ENERGIE DANS UN RESEAU DE TRAITEMENT DE DONNEES

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).  
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(72) BOHRER, Patrick, Joseph; 8105 Ephraim Road, Austin, TX 78717 (US). BROCK, Bishop, Chapman; 12306 McCurry Road, Coupland, TX 78615 (US). ELNOZAHY, Elmootazbellah, Nabil; 8114 Bottlebrush Drive, Austin, TX 78750 (US). RAJAMONY, Ramakrishnan; Apartment 835, 3625 Duval Road, Austin, TX 78759 (US). RAWSON, Freeman, Leigh, III; 16205 White Creek Cove, Austin, TX 78717 (US).

(74) BURT, Roger, James; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/46

(11) WO 03/027845 (13) A2

(21) PCT/US02/31100

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/968,347 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FLEXIBLE ACCELERATION OF JAVA THREAD SYNCHRONIZATION ON MULTIPROCESSOR COMPUTERS

• ACCELERATION FLEXIBLE D'UNE SYNCHRONISATION D'UNITES D'EXECUTION JAVA SUR DES ORDINATEURS A PROCESSEURS MULTIPLES

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) BUCH, Deep, K.; 1115 Bramble Lane, Folsom, CA 95630 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/48, H04L 29/10

(11) WO 03/027846 (13) A1

(21) PCT/JP02/09427

(22) 13 Sep/sep 2002 (13.09.2002)

(25) en (26) en

(30) 2001-286670 20 Sep/sep 2001 JP (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TASK SWITCHING SYSTEM, TASK SWITCHING METHOD AND DSP MODEM

• SYSTEME ET PROCEDE DE COMMUTATION DE TACHES ET MODEM DSP

(71) RICOH COMPANY, LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555 (JP).

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(72, 75) MIYAMOTO, Keiichi [JP/JP]; 15-8-204, Seishin 2-chome, Sagamihara-shi, Kanagawa 229-1116 (JP).

(74) ITOH, TADAHIKO; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)<sup>7</sup> G06F 01/02, 7/38

(11) WO 03/027847 (13) A1

(21) PCT/US02/28931

(22) 11 Sep/sep 2002 (11.09.2002)

(25) en (26) en

(30) 09/961,940 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR DIRECT DIGITAL SYNTHESIS OF FREQUENCY SIGNALS

• PROCEDE ET APPAREIL CONÇUS POUR LA SYNTHÈSE NUMÉRIQUE DIRECTE DE SIGNAUX DE FRÉQUENCE

(71) MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) STENGEL, Robert, E.; 2301 S.E. 9th Street, Pompano Beach, FL 33062 (US). CAFARO, Nicholas, G.; 2006 N.W. 48th Avenue, Coconut Creek, FL 33063 (US).

(74) FULLER, Andrew, S. et al. / etc.; 8000 West Blvd., Room 1610, Fort Lauderdale, FL 33322 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06F 11/14

(11) WO 03/027848 (13) A2

(21) PCT/JP02/07823

(22) 31 Jul/juil 2002 (31.07.2002)

(25) en (26) en

(30) 2001-236029 3 Aug/août 2001 JP (03.08.2001)

(30) 2002-17928 28 Jan/jan 2002 JP (28.01.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BACKUP-RESTORATION SYSTEM AND RIGHT MANAGEMENT SERVER

• SYSTEME DE SECOURS-RESTAURATION ET SERVEUR DE GESTION DES DROITS

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(72) OHO, Masahiro; Room 531, Syoufuryo, 3-14, Miyuki Higashi-machi, Neyagawa-shi, Osaka 572-0055 (JP). YAMAMOTO, Masaya; 7-41, Higashimakino-cho, Hirakata-shi, Osaka 573-1151 (JP). MIURA, Kouji; 4-1, Ueda 3-chome, Matsubara-shi, Osaka 580-0016 (JP). OKAMOTO, Ryuichi; Room 218, Syonanryo, 16-22, Kikusuidori 1-chome, Moriguchi-shi, Osaka 570-0032 (JP).

(74) NII, **Hinomori**; c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suehiro Center Bldg., 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) CN KR NO SG.

(84) EP (DE ES FI FR GB IT NL SE).

(51)<sup>7</sup> G06F 11/16

(11) WO 03/027849 (13) A2

(21) PCT/US02/28395

(22) 5 Sep/sep 2002 (05.09.2002)

(25) en (26) en

(30) 09/962,828 25 Sep/sep 2001 US  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DOUBLE ERROR CORRECTING CODE SYSTEM

• SYSTEME A CODE DE CORRECTION D'ERREURS DOUBLES

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) FACKENTHAL, **Richard**; 310 Euer Court, Folsom, CA 95630 (US). **BENHAMIDA, Boubekeur**; 4012 Meadow Wood Drive, El Dorado Hills, CA 95762 (US).

(74) TROP, **Timothy, N.**; Trop, Pruner & Hu, P.C., Suite 100, 8554 Katy Freeway, Houston, TX 77024 (US) et al. / etc.

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

(51)<sup>7</sup> G06F 11/36

(11) WO 03/027850 (13) A2

(21) PCT/DE02/02725

(22) 24 Jul/juil 2002 (24.07.2002)

(25) de (26) de

(30) 101 44 050.2 7 Sep/sep 2001 DE  
(07.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SOFTWARE VERIFICATION METHOD FOR CONTROL UNITS AND VERIFICATION SYSTEM

• PROCEDE POUR VERIFIER LE LOGICIEL D'UNITES DE COMMANDE ET SYSTEME DE VERIFICATION

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

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(72, 75) WOLFF, **Hans-Joerg** [DE/DE]; Kaeppelesaecker 23, 73614 Schorndorf (DE). **ZURAWKA, Thomas** [DE/DE]; Elbestrasse 45, 70376 Stuttgart (DE). **SCHAEUFFELE, Joerg** [DE/DE]; Schmerbachweg 11, 74391 Erligheim (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GD 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 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 11/36

(11) WO 03/027851 (13) A1

(21) PCT/FR02/03249

(22) 24 Sep/sep 2002 (24.09.2002)

(25) fr (26) fr

(30) 01/12278 24 Sep/sep 2001 FR  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND DEVICE FOR OPTIMIZED CODE CHECKER

• PROCEDE ET DISPOSITIF DE VERIFICATEUR DE CODE OPTIMISE

(71) GEMPLUS [FR/FR]; Avenue du Pic de Bertagne, Parc d'activités de Gémenos, F-13420 Gémenos (FR).

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(72, 75) GRIMAUD, **Gilles** [FR/FR]; 7, rue Sainte Anne, F-59800 Lille (FR). **DEVILLE, Damien** [FR/FR]; 34, rue Voltaire, F-58900 Lille (FR). **REQUET, Antoine** [FR/FR]; 30, avenue de Toulon, F-13006 Marseille (FR).

(74) BRUN, **Philippe**; Gemplus, BP 100, F-13881 Gémenos Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06F 12/00

(11) WO 03/027852 (13) A2

(21) PCT/US02/29801

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/961,626 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • EXTENDED CONTENT STORAGE METHOD AND APPARATUS

• PROCEDE ET APPAREIL DE STOCKAGE ETENDU DE CONTENU

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) HAYDUK, **Matt**; 38 Arbour Vista Terrace NW, Calgary, Alberta T3G 4N9 (CA).

(74) STEFFEY, **Charles, E.**; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US) et al. / etc.

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

(51)<sup>7</sup> G06F 12/00

(11) WO 03/027853 (13) A1

(21) PCT/US02/29857

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 60/324,196 21 Sep/sep 2001 US  
(21.09.2001)

(30) 60/324,226 21 Sep/sep 2001 US  
(21.09.2001)

(30) 60/324,224 21 Sep/sep 2001 US  
(21.09.2001)

(30) 60/324,242 21 Sep/sep 2001 US  
(21.09.2001)

(30) 60/324,195 21 Sep/sep 2001 US  
(21.09.2001)

(30) 60/324,243 21 Sep/sep 2001 US  
(21.09.2001)

(30) 60/324,787 24 Sep/sep 2001 US  
(24.09.2001)

(30) 60/327,191 1 Oct/oct 2001 US  
(01.10.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A SYSTEM AND METHOD FOR SYNCHRONISATION FOR ENFORCING MUTUAL EXCLUSION AMONG MULTIPLE NEGOTIATORS

• SYSTEME ET PROCEDE DE SYNCHRONISATION DE L'APPLICATION DE L'EXCLUSION MUTUELLE ENTRE PLUSIEURS NEGOCIATEURS

(71) POLYSERVE, INC. [—/US]; Suite 150, 20400 NW Amberwood Drive, Beaverton, OR 97006 (US).

(72) KRUEGER, **Phil**; Suite 150, 20400 NW Amberwood Drive, Beaverton, OR 97006 (US).

(74) YI, **Susan, C.**; Van Pelt & Yi LLP, Suite 205, 4906 El Camino Real, Los Altos, CA 94022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 12/00

(11) WO 03/027854 (13) A1

(21) PCT/US02/30470

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 09/963,580 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TECHNIQUE FOR UPDATING A CONTENT ADDRESSABLE MEMORY

- TECHNIQUE DE MISE A JOUR D'UNE MEMOIRE ADRESSABLE PAR LE CONTENU

(71) CORIOLIS NETWORKS, INC. [US/US]; 330 Codman Hill Road, Boxborough, MA 01719 (US).

(72) KRISHNA, Pattabhiraman; 39 Byard Lane, Westborough, MA 01581 (US). KOV-VALI, Surya, Kumar; 9 Brickyard Lane, Westborough, MA 01581 (US).

(74) ANDERSON, Thomas, E. et al. / etc.; Hunton & Williams, Intellectual Property Department, 1900 K Street, N.W., Suite 1200, Washington, DC 20006-1109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 12/00

(11) WO 03/027855 (13) A1

(21) PCT/US02/30509

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 09/963,581 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TECHNIQUE FOR UPDATING A CONTENT ADDRESSABLE MEMORY

- TECHNIQUE PERMETTANT DE METTRE A JOUR UNE MEMOIRE ASSOCIATIVE

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(72) KRISHNA, Pattabhiraman; 39 Byard Lane, Westborough, MA 01581 (US). KOV-VALI, Surya, Kumar; 9 Brickyard Lane, Westborough, MA 01581 (US).

(74) ANDERSON, Thomas, E. et al. / etc.; Hunton & Williams, Intellectual Property Department, 1900 K Street, N.W., Suite 1200, Washington, DC 20006-1109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 12/00

(11) WO 03/027856 (13) A1

(21) PCT/US02/30914

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,704 28 Sep/sep 2001 US (28.09.2001)

(30) 10/050,974 18 Jan/jan 2002 US (18.01.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • POOLING AND PROVISIONING STORAGE RESOURCES IN A STORAGE NETWORK

- MISE EN COMMUN ET FOURNITURE DE RESSOURCES DE STOCKAGE DANS UN RESEAU DE STOCKAGE

(71) MARANTI NETWORKS, Inc. [US/US]; 3061-B Zanker Road, San Jose, CA 95134-2127 (US).

(72) LOLAYEKAR, Santosh, C.; 655 S. Fair Oaks Avenue, #G-208, Sunnyvale, CA 94086 (US). CHENG, Yu-Ping; 1170 Garrett Court, San Jose, CA 95120 (US). MARANON, Renato, E.; 2247 Normandy Circle, Livermore, CA 94550 (US). SAXENA, Sanjay; 200 Little Foot Drive, Fremont, CA 94539-6634 (US).

(74) HARMON, William, J, III.; Vierra Magen Marcus Harmon & DeNiro, LLP, Suite 540, 685 Market Street, San Francisco, CA 94105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 12/08

(11) WO 03/027857 (13) A2

(21) PCT/US02/31158

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/966,586 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HIDING REFRESH OF MEMORY AND REFRESH-HIDDEN MEMORY

- RAFRAICHISSEMENT CACHE DE MEMOIRE ET MEMOIRE A RAFFRAICHISSEMENT CACHE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) LAI, Konrad; 520 SE Columbia River Drive, #226, Vancouver, WA 98661 (US). LU, Shih-Lien; 14069 NW Lakeview Drive, Portland, OR 97229 (US). SOMASEKHAR, Dinesh; 19000 NW Evergreen Parkway, #231, Hillsboro, OR 97124 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 13/00, 15/00, H04L 12/66

(11) WO 03/027858 (13) A1

(21) PCT/JP01/08156

(22) 19 Sep/sep 2001 (19.09.2001)

(25) ja (26) ja

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CONTENT SERVER DEFENDING SYSTEM

- SYSTEME DE PROTECTION DE SERVEURS DE CONTENU

(71) ACCELIA, INC. [JP/JP]; 12-13, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).

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

(72, 75) KADOBAYASHI, Yuki [JP/JP]; 1323-2, Oshikumacho, Nara-city, Nara 631-0011 (JP). TAKEDA, Teruhiko [JP/JP]; 5-51-20, Serigaya, Konan-ku, Yokohama-city, Kanagawa 223-0006 (JP).

(74) SHIGENOBU, Kazuo et al. / etc.; 3F, Dainichikojimachi Bld., 6-8, Kojimachi 4-chome, Chiyoda-ku, Tokyo 102-0083 (JP).

(81) JP US.

(51)<sup>7</sup> G06F 13/00, H04L 12/56

(11) WO 03/027859 (13) A1

(21) PCT/JP01/09658

(22) 5 Nov/nov 2001 (05.11.2001)

(25) ja (26) ja

(30) 2001-289778 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CONNECTION SUPPORT SERVER, TERMINAL, CONNECTION SUPPORT

SYSTEM, CONNECTION SUPPORT METHOD, COMMUNICATION PROGRAM, AND CONNECTION SUPPORT PROGRAM

- SERVEUR DE SOUTIEN DES CONNEXIONS, TERMINAL, SYSTEME DE SOUTIEN DES CONNEXIONS, PROCEDE DE SOUTIEN DES CONNEXIONS, PROGRAMME DE COMMUNICATION ET PROGRAMME DE SOUTIEN DES CONNEXIONS

(71) E-JAN NET CO. [JP/JP]; 50-3, Jingumae 5-chome, Shibuya-ku, Tokyo 150-0001 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SAKAMOTO, Shiro [JP/JP]; c/o e-Jan Net Co., 50-3, Jingumae 5-chome, Shibuya-ku, Tokyo 150-0001 (JP).  
YOSHIDA, Susumu [JP/JP]; c/o e-Jan Net Co., 50-3, Jingumae 5-chome, Shibuya-ku, Tokyo 150-0001 (JP).

(74) RYUKA, Akihiro; 6F Toshin Building, 24-12, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

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

(51)<sup>7</sup> G06F 13/00, H04N 7/173, 17/00

(11) WO 03/027860 (13) A1

(21) PCT/JP02/09644

(22) 19 Sep/sep 2002 (19.09.2002)

(25) ja (26) ja

(30) 2001-285834 19 Sep/sep 2001 JP (19.09.2001)

(30) 2001-392708 25 Dec/déc 2001 JP (25.12.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CONTENT DELIVERY SYSTEM FOR DELIVERING CONTENT CHANGING ON TIME AXIS, CONTENT DELIVERY SERVER, LOG COLLECTION SERVER, CONTENT RELAY SERVER, USER TERMINAL, CONTENT VIEWING/LISTENING STATE GRASPING METHOD, RECOMMENDATION METHOD, AND CONTENT PROVIDING METHOD

- SYSTEME DE DISTRIBUTION DE CONTENU POUR LA DISTRIBUTION DE CONTENU CHANGEANT DANS LE TEMPS, SERVEUR DE DISTRIBUTION DE CONTENU, SERVEUR DE COLLECTES DE SESSIONS, SERVEUR DE RELAIS DE CONTENU, TERMINAL D'UTILISATEUR, PROCEDE DE PRISE D'ETAT DE VISUALISATION/ECOUTE, PROCEDE DE RECOMMANDATION ET PROCEDE DE FOURNITURE DE CONTEN

(71) NTT ADVERTISING, INC. [JP/JP]; 1-1, Kamiosaki 3-chome, Shinagawa-ku, Tokyo 141-8661 (JP).

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

(71, 72) KIMURA, Takeshi [JP/JP]; 1672-1-618, Imafuku, Kawagoe-shi, Saitama 350-1151 (JP).

(72, 75) BANDO, Nobuhiro [JP/JP]; c/o NTT ADVERTISING, INC., 1-1, Kamiosaki 3-chome, Shinagawa-ku, Tokyo 141-8661 (JP).  
AOKI, Takatsugu [JP/JP]; c/o NTT ADVERTISING, INC., 1-1, Kamiosaki 3-chome, Shinagawa-ku, Tokyo 141-8661 (JP).  
SADAMITSU, Naoji [JP/JP]; c/o NTT ADVERTISING, INC., 1-1, Kamiosaki 3-chome, Shinagawa-ku, Tokyo 141-8661 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

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

(51)<sup>7</sup> G06F 13/00

(11) WO 03/027861 (13) A2

(21) PCT/US02/26799

(22) 16 Aug/août 2002 (16.08.2002)

(25) en (26) en

(30) 09/967,539 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR COMMAND PERCEPTION BY DATA VALUE SEQUENCING, ALLOWING A BOUNDED TOTAL AMOUNT OF SPURIOUS DATA

- PROCEDE ET APPAREIL DE PERCEPTION DE COMMANDES PAR SEQUENCAGE DE VALEURS DE DONNEES, PERMETTANT D'OBTENIR UNE QUANTITE TOTALE LIMITEE DE DONNEES PARASITES

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) RUEHLE, Mike; 2655 Kaystone Avenue, #30, Santa Clara, CA 95051 (US).

(74) HAILS, Robert, L., Jr.; Kenyon & Kenyon, 333 West San Carlos Street, Suite 600, San Jose, CA 95110 (US) et al. / etc.

(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 SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 13/00

(11) WO 03/027862 (13) A2

(21) PCT/US02/27858

(22) 29 Aug/août 2002 (29.08.2002)

(25) en (26) en

(30) 09/966,824 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR COMMAND PERCEPTION BY DATA VALUE SEQUENCING, ALLOWING FINITE AMOUNT OF UNRELATED INTERIM DATA

- PROCEDE ET APPAREIL POUR LA PERCEPTION D'INSTRUCTIONS PAR SEQUENCAGE DE VALEURS DE DONNEES, PERMETTANT LA TRANSMISSION D'UNE QUANTITE FINIE DE DONNEES INTERIM NON RELIEES

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) RUEHLE, Mike; 2655 Kaystone Avenue, #30, Santa Clara, CA 95051 (US).  
COSKY, Jason; 153 Elm Avenue, San Bruno, CA 94066 (US).

(74) HAILS, Robert, L., Jr.; Kenyon & Kenyon, 333 West San Carlos Street, Suite 600, San Jose, CA 95110 (US) et al. / etc.

(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 SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 13/00

(11) WO 03/027863 (13) A2

(21) PCT/US02/29075

(22) 12 Sep/sep 2002 (12.09.2002)

(25) en (26) en

(30) 09/961,024 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTIPLE CHANNEL INTERFACE FOR COMMUNICATIONS BETWEEN DEVICES



- INTERFACE A CANAUX MULTIPLES DESTINEE AUX COMMUNICATIONS ENTRE DISPOSITIFS
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) MEARS, Brian; 401 East Citation Lane, Tempe, AZ 85284 (US). FULLERTON, Mark; 6636 West William Cannon Drive, #218, Austin, TX 78735 (US). KOHOUT, Nicholas; 5701 South Mopac, #428, Austin, TX 78749 (US).
- (74) STEFFEY, Charles, E.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US) et al. / etc.
- (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F 13/00, H04L 9/32, 9/12, H04K 1/00
- (11) WO 03/027864 (13) A1
- (21) PCT/US02/29611
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) en (26) en
- (30) 09/963,646 25 Sep/sep 2001 US (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SYSTEMS AND METHODS FOR PREVENTING UNAUTHORIZED COPYING OF SOFTWARE DOWNLOADED FROM A REMOTE SERVER
- SYSTEMES ET PROCEDES PERMETTANT D'EMPECHER LA DUPLICATION NON AUTORISEE D'UN LOGICIEL TELECHARGE A PARTIR D'UN SERVEUR A DISTANCE
- (71) GLOBAL ANTI-PIRACY SYSTEMS, INC. [US/US]; 301 Mendel Parkway East, Montgomery, AL 36117 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GASTON, Kerry, R. [US/US]; 316 Chrystan Court, Montgomery, AL 36109 (US). HAWKINS, Bradley, Dean [US/US]; 6200 Whitewater Court, Montgomery, AL 36117 (US). WHITE, James, S. [US/US]; 6200 Whitewater Court, Montgomery, AL 36117 (US).
- (74) PRATT, John, S.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309-4530 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> G06F 13/00
- (11) WO 03/027865 (13) A1
- (21) PCT/US02/30221
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 60/324,647 24 Sep/sep 2001 US (24.09.2001)
- (30) 10/008,098 13 Nov/nov 2001 US (13.11.2001)
- (30) Not furnished / non communiqué 23 Sep/sep 2002 US (23.09.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MONITORING SUBMISSION OF PERFORMANCE DATA DESCRIBING A RELATIONSHIP BETWEEN A PROVIDER AND A CLIENT
- CONTROLE DE LA SOUMISSION DE DONNEES DE RESULTATS DECRIVANT UNE RELATION ENTRE UN FOURNISSEUR ET UN CLIENT
- (71) ELECTRONIC DATA SYSTEMS CORPORATION [US/US]; 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).
- (72) CURTIN, Anne, M.; 402 Georgetown Drive, Richardson, TX 75081 (US). CLINTON, Cheryl, L.; 1101 Bayfield Drive, Denton, TX 75209 (US). COUCHOT, John, T.; 4702 Ivyleaf Lane, McKinney, TX 75070 (US). DONOVAN, Joseph, M.; 3750 Fourth Avenue, San Diego, CA 92103 (US). FISH, Brian, L.; 414 Treeline Drive, McKinney, TX 75070 (US). FLORES, Lisa, Q.; 4904 Clear Lake, Frisco, TX 75035 (US). HALL, James, D.; Apt. 438, 2501 Ohio Drive, Plano, TX 75093 (US). HINDS, Sonya, L.; 9850 Dogwood Street, Frisco, TX 75034 (US). KISER, Charles, H.; 7303 Campbell Road, Dallas, TX 75248 (US). RICHARDS, Kevin, T.; 1100 shumard Street, Allen, TX 75002 (US). PEEDIN, Deborah, C.; 107 Duncansby Ct., Cary, NC 27511 (US). STUART, Michael, W.; 8025 Ohio Drive, Apt. #6312, Plano, TX 75024 (US). WETZEL, Laura, L.; 5601 Rock Canyon Road, The Colony, TX 75056 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F 13/00
- (11) WO 03/027866 (13) A1
- (21) PCT/US02/30970
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en
- (30) 60/325,704 28 Sep/sep 2001 US (28.09.2001)
- (30) 10/051,164 18 Jan/jan 2002 US (18.01.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SERVERLESS STORAGE SERVICES
- SERVICES DE STOCKAGE SANS SERVEUR
- (71) MARANTI NETWORKS, INC. [US/US]; 3061-B Zanker Road, San Jose, CA 95134-2127 (US).
- (72) LOLAYEKAR, Santosh, C.; 655 S. Fair Oaks Avenue, #G-208, Sunnyvale, CA 94086 (US). CHENG, Yu-Ping; 1170 Garrett Court, San Jose, CA 95120 (US).
- (74) WILLIAM, J., Harmon, III; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F 13/00
- (11) WO 03/027867 (13) A2
- (21) PCT/US02/31161
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en
- (30) 09/966,957 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND APPARATUS FOR MEMORY ACCESS SCHEDULING TO REDUCE MEMORY ACCESS LATENCY
- PROCEDE ET APPAREIL DE PLANIFICATION D'ACCES A LA MEMOIRE PERMETTANT DE REDUIRE LE TEMPS D'ATTENTE POUR ACCEDER A LA MEMOIRE
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) OSBOURNE, Randy; 3542 NW 163rd Court, Beaverton, OR 97006 (US). ABOULENEIN, Nagi; 12768 NW Forest Spring Lane, Portland, OR 97229 (US). MADAVARAPU, Vamsee; 3600 Data Drive, #380, Rancho Cordova, CA 95670 (US). HUGGAHALLI, Ramakrishna; 8110 NW Blue Pointe Ln, Portland, OR 97229 (US). CROCKER, Michael; 715 North 12th Street, Tacoma, WA 98403 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely Sokoloff Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 13/16, 9/46

(11) WO 03/027868 (13) A1

(21) PCT/FR02/03241

(22) 23 Sep/sep 2002 (23.09.2002)

(25) fr (26) fr

(30) 01/12440 27 Sep/sep 2001 FR (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SHARED MANAGEMENT DEVICE

• DISPOSITIF DE GESTION PARTAGEE

(71) STREAMCORE [FR/FR]; "Parc des Barbanniers", 2, place des Hauts Tilliers, F-92230 Gennevilliers (FR).

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

(72, 75) DESPRES, Rémi [FR/FR]; 3, rue du Président Wilson, F-92300 Levallois-Perret (FR). LUCET, Rémi [FR/FR]; 14, allée des Eglantines, F-78480 Verneuil-sur-Seine (FR).

(74) PLACAIS, Jean-Yves; Cabinet Netter, 36, avenue Hoche, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G06F 13/36

(11) WO 03/027869 (13) A2

(21) PCT/DE02/03436

(22) 13 Sep/sep 2002 (13.09.2002)

(25) de (26) de

(30) 101 47 437.7 26 Sep/sep 2001 DE (26.09.2001)

(30) 102 34 145.1 26 Jul/juil 2002 DE (26.07.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR THE ARBITRATION OF ACCESS TO A DATA BUS

• PROCÉDE POUR L'ARBITRAGE D'UN ACCES A UN BUS DE DONNEES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) BRÜCKNER, Dieter [DE/DE]; Obere Dorfstrasse 10, 96199 Zapfendorf (DE). GÖTZ, Franz, Josef [DE/DE]; Laibstadt 48, 91180 Heideck (DE). KLOTZ, Dieter [DE/DE]; Kannenbergstrasse 15, 90768 Fürth (DE). SCHIMMER, Jürgen [DE/DE]; Franz-Reichel-Ring 97, 90473 Nürnberg (DE). SCHWEIKART, Matthias [DE/DE]; Eisvogelstrasse 10a, 91056 Erlangen (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 IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)<sup>7</sup> G06F 13/40, 13/42, H04L 12/28

(11) WO 03/027870 (13) A1

(21) PCT/IB02/03686

(22) 4 Sep/sep 2002 (04.09.2002)

(25) en (26) en

(30) 09/961,125 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SCALABLE HOME CONTROL PLATFORM AND ARCHITECTURE

• ARCHITECTURE ET PLATE-FORME DOMOTIQUES EXTENSIBLES

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

(72) O'DONNELL, Ciaran; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) CHARPAIL, François; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G06F 15/00, 12/00, 12/14

(11) WO 03/027871 (13) A1

(21) PCT/JP02/08779

(22) 30 Aug/août 2002 (30.08.2002)

(25) ja (26) ja

(30) 2001-268336 5 Sep/sep 2001 JP (05.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • INFORMATION PROCESSING SYSTEM AND INFORMATION PROCESSING APPARATUS AND METHOD

• SYSTEME, DISPOSITIF ET PROCÉDE DE TRAITEMENT DE L'INFORMATION

(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) NOMURA, Hideki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KURIHARA, Akira [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). GO, Naomi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) INAMOTO, Yoshio; 711 Building 4F, 11-18, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G06F 15/16

(11) WO 03/027872 (13) A2

(21) PCT/GB02/04301

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 0122943.4 24 Sep/sep 2001 GB (24.09.2001)

(30) 0203796.8 18 Feb/fév 2002 GB (18.02.2002)

(30) 0203795.0 18 Feb/fév 2002 GB (18.02.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DISTRIBUTED SYSTEM ARCHITECTURE

• ARCHITECTURE DE SYSTEME REPARTIE

(71) EMPOWER INTERACTIVE GROUP LIMITED [GB/GB]; Gate House, 29 Abingdon Road, London W8 6AH (GB).

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

(72, 75) WOOD, Ian [US/GB]; Empower Interactive Group Limited, 5-7 St. Helen's Place, London EC3A 6AU (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 15/16, 15/177, 17/13, 19/00

(11) WO 03/027873 (13) A1

(21) PCT/JP02/09871

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

- (30) 2001-292092 **25 Sep/sep 2001** JP  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PARALLEL CALCULATION METHOD  
• PROCEDE DE CALCUL PARALLELE
- (71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).  
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- (72, 75) TAKADA, Toshikazu [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). NAKATA, Kazuto [JP/JP]; c/o NEC Soft, Ltd., 18-6, Shinkiba 1-chome, Koto-ku, Tokyo 136-8608 (JP). MURASE, Tadashi [JP/JP]; c/o NEC Soft, Ltd., 18-6, Shinkiba 1-chome, Koto-ku, Tokyo 136-8608 (JP). SAKUMA, Toshihiro [JP/JP]; c/o NEC Informatec Systems, Ltd., 2-1, Sakado 3-chome, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0012 (JP).
- (74) IKEDA, Noriyasu et al. / etc.; The 3rd Mori Building, 4-10, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).
- (81) CN KR US.
- (84) EP (DE FR GB).

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(25) en (26) en

(30) 09/961,459 **21 Sep/sep 2001** US  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • SYSTEMS AND METHODS FOR MULTI-MODE WIRELESS COMMUNICATION  
• SYSTEMES ET PROCEDES DESTINES A LA COMMUNICATION SANS FIL MULTIMODE

(71) NOVATEL WIRELESS, INC. [US/US]; 9360 Towne Centre Drive, Suite 110, San Diego, CA 92121 (US).

(72) WIETFELDT, Richard, D.; 5374 Belardo Drive, San Diego, CA 92124 (US).

(74) ALBERT, Peter, G., Jr.; Lyon & Lyon LLP, 633 West Fifth Street, Suite 4700, Los Angeles, CA 90071-2066 (US).

(81) CN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G06F 15/16

(11) WO 03/027875 (13) A1

(21) PCT/US02/30069

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,065 **24 Sep/sep 2001** US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • SYSTEMS AND METHODS OR ENHANCING STREAMING MEDIA  
• SYSTEMES ET PROCEDES AMELIORANT LA DIFFUSION DE MEDIA CONTINUS

(71) TECHNOLOGY EDUCATION NETWORK, INC. (DBA STREAMPIPE) [US/US]; 450 Saw Mill River Road, Ardsley, NY 10502 (US).

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(72, 75) BULSON, Jason, Andrew [US/US]; 1530 Spring Gate Drive, #9402, McLean, VA 22102 (US). BIBEAULT, Susan, Elisabeth [US/US]; 5270 Duke Street, #316, Alexandria, VA 22304 (US). SITES, Seth, Thomas [US/US]; 43551 Blacksmith Square, Ashburn, VA 20147 (US).

(74) KOBAYASHI, Duane, S.; Law Office of Duane S. Kobayashi, 1325 Murray Downs Way, Reston, VA 20194 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06F 15/16

(11) WO 03/027876 (13) A1

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(25) en (26) en

(30) 60/325,483 **26 Sep/sep 2001** US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • SYSTEM AND METHOD FOR COMMUNICATING MEDIA SIGNALS  
• SYSTEME ET PROCEDE DE COMMUNICATION DE SIGNAUX MULTIMEDIA

(71, 72) REYNOLDS, Jodie, Lynn [US/US]; 728 King Way, Folsom, CA 95630 (US). INGRAHAM, Robert, Walter [US/US]; 127 Honey Cook Circle, Folsom, CA 95630 (US).

(74) GALLENSON, Mavis, S. et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036-5679 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 15/16, 9/00, 15/177, H04L 12/56, H04J 3/16

(11) WO 03/027877 (13) A2

(21) PCT/US02/30912

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,704 **28 Sep/sep 2001** US  
(28.09.2001)

(30) 10/051,415 **18 Jan/jan 2002** US  
(18.01.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • PROTOCOL TRANSLATION IN A STORAGE SYSTEM  
• CONVERSION DE PROTOCOLE DANS UN SYSTEME DE MEMOIRE

(71) MARANTI NETWORKS, INC. [US/US]; 3061-B Zanker Road, San Jose, CA 95134-2127 (US).

(72) LOLAYEKAR, Santosh, C.; 655 S. Fair Oaks Avenue, #G-208, Sunnyvale, CA 94086 (US). CHENG, Yu-Ping; 1170 Garrett Court, San Jose, CA 95120 (US). LEE, Wan-Hui; 303 Oakhurst Way, Milpitas, CA 95035 (US). MARANON, Renato, E.; 2247 Normandy Circle, Livermore, California 94550 (US). TAN, Enyew; 1919 Fruitdale Avenue, Apt. E213, San Jose, CA 95128 (US).

(74) HARMON, William, J., III; Vierra Magen Marcus Harmon & DeNiro, LLP, Suite 540, 685 Market Street, San Francisco, CA 94105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 15/16, 15/173

(11) WO 03/027878 (13) A1

(21) PCT/US02/30936

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 60/325,290 **28 Sep/sep 2001** US  
(28.09.2001)

(30) 60/364,579 **18 Mar/mar 2002** US  
(18.03.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • CLIENT-SIDE NETWORK ACCESS POLICES AND MANAGEMENT APPLICATIONS  
• POLICES ET APPLICATIONS DE GESTION D'ACCES RESEAU COTE-CLIENT

(71, 72) **BLUESTONE, Derek** [US/US]; 104 Woodside Road, C-106, Haverford, PA 19041 (US). **ADAMS, Clint** [CA/US]; 167, Stine Drive, Collegeville, PA 19426 (US). **YALAMARTI, Srinivas** [IN/US]; 305 Spyglass Hill Road, Bath, PA 18014 (US). **LEBEL, Pierre-Philippe** [CA/US]; 807 Charleston Greene, Malvern, PA 19355 (US).

(74) **SACHAR, Surinder**; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 1940 Duke Street, Alexandria, VA 22314 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 15/16

(11) WO 03/027879 (13) A1

(21) PCT/US02/30973

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,863 28 Sep/sep 2001 US (28.09.2001)

(30) 10/255,422 26 Sep/sep 2002 US (26.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR USING JAVA DYNAMIC PROXIES TO INTERFACE TO GENERIC, BEAN-LIKE MANAGEMENT ENTITIES

• PROCEDE ET DISPOSITIF UTILISANT DES SERVEURS MANDATAIRES DYNAMIQUES JAVA COMME INTERFACES D'ENTITES DE GESTION GNERIQUES DE TYPE BEAN

(71) **BEA SYSTEMS, INC.** [US/US]; 2315 North First Street, San Jose, CA 95131 (US).

(72) **RENAUD, Benjamin, Jean-Baptiste**; 172 Beaver Street, San Francisco, CA 94114 (US).

(74) **MEYER, Sheldon, R.** et al. / etc.; Fliesler Dubb Meyer and Lovejoy, Suite 400, Four Embarcadero Center, San Francisco, CA 94111-4156 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 15/16

(11) WO 03/027880 (13) A1

(21) PCT/US02/31005

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/966,703 28 Sep/sep 2001 US (28.09.2001)

(30) 60/362,033 6 Mar/mar 2002 US (06.03.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND SYSTEMS FOR ONE-STOP COMMUNICATIONS MANAGEMENT

• PROCEDES ET SYSTEMES DESTINES A UNE GESTION UNIQUE DES COMMUNICATIONS

(71) **BELLSOUTH INTELLECTUAL PROPERTY CORPORATION** [US/US]; 824 Market Street, Suite 901, Wilmington, DE 19801 (US).

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(72, 75) **MALIK, Dale, W.** [US/US]; 1035 Redfield Lane, Dunwoody, GA 30338 (US).

(74) **PRATT, John, S.** et al. / etc.; Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

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

(51)<sup>7</sup> G06F 15/16

(11) WO 03/027881 (13) A1

(21) PCT/US02/31179

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/966,703 28 Sep/sep 2001 US (28.09.2001)

(30) 60/362,033 6 Mar/mar 2002 US (06.03.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND SYSTEMS FOR PROVIDING INFORMATION CORRELATED TO A COMMUNICATION

• PROCEDES ET SYSTEMES DE DISTRIBUTION D'INFORMATIONS CORRELEES A UNE COMMUNICATION

(71) **BELLSOUTH INTELLECTUAL PROPERTY CORPORATION** [US/US]; 824 Market Street, Suite 901, Wilmington, DE 19801 (US).

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

(72, 75) **MALIK, Dale, W.** [US/US]; 1035 Redfield Lane, Dunwoody, GA 30338 (US).

(74) **PRATT, John, S.** et al. / etc.; Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

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

(51)<sup>7</sup> G06F 15/167

(11) WO 03/027882 (13) A1

(21) PCT/US02/30841

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/324,578 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SHARING OBJECTS BETWEEN COMPUTER SYSTEMS

• PARTAGE D'OBJETS ENTRE ORDINATEURS

(71, 72) **SAAKE, Mark** [US/US]; 11198 Britany Lane, Dublin, CA 94568 (US). **RUEF, Richard** [US/US]; 1315 Moselle Court, Livermore, CA 94550 (US). **EVERSON, Kurt** [US/US]; 707 Oyster Shell Court, Missouri City, TX 77459 (US).

(74) **THEODORE, A., Chen**; Legato Systems, Inc., 2350 West El Camino Real, Mountain View, CA 94040 (US).

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

LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE 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/US02/30334

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 09/964,232 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR  
PERFORMANCE MEASUREMENT OF  
DIFFERENT NETWORK ROUTES BE-  
TWEEN DEVICES

• PROCEDE ET APPAREIL PERMET-  
TANT DE MESURER LE RENDEMENT  
DE DIFFERENTES ROUTES DE RE-  
SEAU ENTRE DES DISPOSITIFS

(71) WILLIAMS COMMUNICATIONS LLC  
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(72) GRIB, Timothy, E.; 14176 Parliament, St.  
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(74) SANGALLI, Diana, M.; Fulbright & Ja-  
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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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 15/173

(11) WO 03/027884 (13) A1

(21) PCT/US02/30603

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,116 27 Sep/sep 2001 US  
(27.09.2001)

(30) Not furnished / 26 Sep/sep 2002 US  
non communiqué (26.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD OF QUALITY  
OF SERVICE SIGNALING BETWEEN  
CLIENT AND SERVER DEVICES

• SYSTEME ET PROCEDE DE SIGNA-  
LISATION D'UNE QUALITE DE SER-  
VICE ENTRE LES CLIENTS ET LES  
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(72, 75) JAYANT, Nikil [US/US]; 4390 Can-  
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(74) RUDICH, Rebecca, Goldman et al. / etc.;  
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  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06F 15/173

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(21) PCT/US02/30913

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(25) en (26) en

(30) 60/325,704 28 Sep/sep 2001 US  
(28.09.2001)

(30) 10/051,053 18 Jan/jan 2002 US  
(18.01.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LOAD BALANCING IN A STORAGE  
NETWORK

• EQUILIBRAGE DES CHARGES DANS  
UN RESEAU DE MEMOIRES

(71) MARANTI NETWORKS, Inc. [US/US];  
3061-B Zanker Road, San Jose, CA 95134-  
2127 (US).

(72) LOLAYEKAR, Santosh, C.; 655 S. Fair  
Oaks Avenue, #G-208, Sunnyvale, CA 94086  
(US). CHENG, Yu-Ping; 1170 Garrett Court,  
San Jose, CA 95120 (US).

(74) HARMON, William, J, III.; Vierra Magen  
Marcus Harmon & DeNiro, LLP, Suite 540,  
685 Market Street, San Francisco, CA 94105  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 15/173

(11) WO 03/027886 (13) A1

(21) PCT/US02/30974

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,704 28 Sep/sep 2001 US  
(28.09.2001)

(30) 10/051,321 18 Jan/jan 2002 US  
(18.01.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • STORAGE SWITCH FOR STORAGE  
AREA NETWORK

• COMMUTATEUR DE STOCKAGE  
POUR RESEAU DE STOCKAGE

(71) MARANTI NETWORKS, INC. [US/US];  
3061-B Zanker Road, San Jose, CA 95134-  
2127 (US).

(72) LOLAYEKAR, Santosh, C.; 655 S. Fair  
Oaks Avenue, #G-208, Sunnyvale, CA 94086  
(US). CHENG, Yu-Ping; 1170 Garrett  
Court, San Jose, CA 95120 (US). HEGDE,  
Anoop, R.; 417 E. Maude Avenue, #17, Sun-  
nyvale, CA 94086 (US). ASTHANA, Sunil,  
K.; 3479 Woodside Terrace, Fremont, CA  
94539 (US). MARANON, Renato, E.; 2247  
Normandy Circle, Livermore, CA 94550  
(US). LEE, Wan-Hui; 303 Oakhurst Way,  
Milpitas, CA 95035 (US). FREY, Robert,  
T.; 605 Clyde Court, Milpitas, CA 95035  
(US). TAN, Enyew; 1919 Fruitdale Avenue,  
Apt. E213, San Jose, CA 95128 (US).

(74) WILLIAM, Harmon, J., III.; Vierra Magen  
Marcus & DeNiro, LLP, 685, Market Street,  
Suite 540, San Francisco, CA 94105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE 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/US02/31171

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/966,703 28 Sep/sep 2001 US  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND SYSTEMS FOR A  
COMMUNICATIONS AND INFORMA-  
TION RESOURCE MANAGER

• PROCEDES ET SYSTEMES POUR UN  
GESTIONNAIRE DE RESSOURCES DE

## COMMUNICATIONS ET D'INFORMATIONS

(71) **BELLSOUTH INTELLECTUAL PROPERTY CORPORATION** [US/US]; 824 Market Street, Suite 901, Wilmington, DE 19801 (US).

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

(72, 75) **MALIK, Dale W.** [US/US]; 1035 Redfield Lane, Dunwoody, GA 30338 (US). **KOCH, Robert, A.** [US/US]; 6085 Court-side Drive, Norcross, GA 30092 (US). **HILL, N., Peter** [US/US]; 2587 Brookwood Drive, NE, Atlanta, GA 30305 (US). **ANDERSON, Richard, A.** [US/US]; 3121 West Addison Drive, Alpharetta, GA 30022 (US).

(74) **PRATT, John, S. et al.** / etc.; Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G06F 15/173

(11) WO 03/027888 (13) A1

(21) PCT/US02/31172

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/966,703 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND SYSTEMS FOR PROVIDING CONTEXTUAL INFORMATION ON COMMUNICATION DEVICES AND SERVICES

• PROCEDES ET SYSTEMES FOURNIS-SANT DES INFORMATIONS CONTEX-TUELLES SUR DES DISPOSITIFS ET DES SERVICES DE COMMUNICATION

(71) **BELLSOUTH INTELLECTUAL PROPERTY CORPORATION** [US/US]; 824

Market Street, Suite 901, Wilmington, DE 19801 (US).

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

(72, 75) **MALIK, Dale W.** [US/US]; 1035 Redfield Lane, Dunwoody, GA 30338 (US). **ANDERSON, Richard, A.** [US/US]; 3121 West Addison Drive, Alpharetta, GA 30022 (US).

(74) **PRATT, John S., et al.** / etc.; Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 15/173, 15/177, 15/16

(11) WO 03/027889 (13) A1

(21) PCT/US02/31174

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/966,703 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND SYSTEMS FOR A COMMUNICATIONS AND INFORMATION RESOURCE MANAGER

• PROCEDES ET SYSTEMES D'UN GESTIONNAIRE DE RESSOURCES DE COMMUNICATIONS ET D'INFORMATIONS

(71) **BELLSOUTH INTELLECTUAL PROPERTY CORPORATION** [US/US]; 824 Market Street, Suite 901, Wilmington, DE 19801 (US).

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(72, 75) **MALIK, Dale, W.** [US/US]; 1035 Redfield Lane, Dunwoody, GA 30338 (US). **KOCH, Robert, A.** [US/US]; 6085 Court-side Drive, Norcross, GA 30092 (US). **HILL, Peter, N.** [US/US]; 2583 Brookwood Drive, NE, Atlanta, GA 30305 (US). **ANDERSON, Richard, A.** [US/US]; 3121 West Addison Drive, Alpharetta, GA 30022 (US).

(74) **PRATT, John, S. et al.** / etc.; KIL-PATRICK STOCKTON, LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G06F 15/173

(11) WO 03/027890 (13) A1

(21) PCT/US02/31178

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/966,703 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND SYSTEMS FOR PROVIDING MARKETING INFORMATION  
• PROCEDES ET SYSTEMES DE DISTRIBUTION D'INFORMATIONS DE MARKETING

(71) **BELLSOUTH INTELLECTUAL PROPERTY CORPORATION** [US/US]; 824 Market Street, Suite 901, Wilmington, DE 19801 (US).

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(72, 75) **MALIK, Dale, W.** [US/US]; 1035 Redfield Lane, Dunwoody, GA 30338 (US). **ANDERSON, Richard, A.** [US/US]; 3121 West Addison Drive, Alpharetta, GA 30022 (US).

(74) **PRATT, John, S. et al.** / etc.; Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 15/173

(11) WO 03/027891 (13) A1

(21) PCT/US02/31205

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 60/326,023 **28 Sep/sep 2001** US  
(**28.09.2001**)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD FOR ARCHIVING OBJECTS IN AN INFORMATION STORE

• SYSTEME ET PROCEDE PERMETTANT D'ARCHIVER DES OBJETS DANS UNE MEMOIRE D'INFORMATIONS

(71) COMMVAULT SYSTEMS, INC. [US/US]; 2 Crescent Place, Oceanport, NJ 07757-0090 (US).

(72) PRAHLAD, Anand; 3 Bucknell Drive, East Brunswick, NJ 08816 (US). MAY, Andreas; 1 Carter Drive, Marlboro, NJ 07746 (US). WANG, Zhao; 10 Kroeger Lane, Piscataway, NJ 08854 (US). DEMENO, Randy; 58 Elm-bank Street, Staten Island, NY 10312 (US). IYER, Tinku; 4100 Ponytail Drive, Apt. 506, Mississauga, Ontario L4W 2Y1 (CA).

(74) OSTROW, Seth, H.; Brown Raysman Millstein Felder & Steiner LLP, 900 Third Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 15/177

(11) WO 03/027892 (13) A1

(21) PCT/US02/30462

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,900 **25 Sep/sep 2001** US  
(**25.09.2001**)

(30) 10/002,652 **19 Oct/oct 2001** US  
(**19.10.2001**)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND SYSTEM FOR PROVIDING A MODULIZED SERVER ON BOARD

• PROCEDE ET SYSTEME PERMETTANT D'OBTENIR UN SERVEUR MODULAIRE INTEGRE

(71) ATEONIX NETWORKS [US/US]; 42618 Christy Street, Fremont, CA 94538 (US).

(72) CHEN, Ben, Wei; 1400 Tolteca Court, Fremont, CA 94539 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/21

(11) WO 03/027893 (13) A1

(21) PCT/US02/30674

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/325,322 **27 Sep/sep 2001** US  
(**27.09.2001**)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND SYSTEM FOR ANNOTATING AUDIO/VIDEO DATA FILES

• PROCEDE ET SYSTEME D'ANNOTATION DE FICHIERS DE DONNEES AUDIO-VIDEO

(71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK [US/US]; 116 Street and Broadway, New York, NY 10027 (US).

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(72, 75) MIELE, David [US/US]; 18 2nd Place, #3, Brooklyn, NY 11231 (US). MORETTI, Frank [US/US]; 5401 Palisade Avenue, Bronx, NY 10471 (US). VANESSELSTYN, David [US/US]; 552 Riverside Drive, #3K, New York, NY 10027 (US). MATIZ, Maurice [US/US]; 108 East 82nd, #1C, New York, NY 10028 (US).

(74) TANG, Henry 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/21, 17/27

(11) WO 03/027894 (13) A1

(21) PCT/US02/30675

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/324,880 **26 Sep/sep 2001** US  
(**26.09.2001**)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD OF GENERATING DICTIONARY ENTRIES

• SYSTEME ET PROCEDE DE GENERATION D'UNITES LEXICALES DU DICTIONNAIRE

(71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK [US/US]; 116TH Street and Broadway, New York, NY 10027 (US).

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

(72, 75) KLAVANS, Judith, L. [US/US]; 40 South Drive, Hastings-on-Hudson, NY 10706 (US). MURESAN, Smaranda [RO/US]; 526 West 122nd Street, #3B, New York, NY 10027 (US).

(74) ACKERMAN, Paul, D.; Baker Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112-4498 (US).

(81) CA US.

(51)<sup>7</sup> G06F 17/28

(11) WO 03/027895 (13) A2

(21) PCT/US02/29768

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/965,333 **25 Sep/sep 2001** US  
(**25.09.2001**)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • JAPANESE VIRTUAL DICTIONARY

• DICTIONNAIRE JAPONAIS VIRTUEL

(71) APPLE COMPUTER, INC. [US/US]; (a corporation of California), 1 Infinite Loop, M/S 3-PAT, Cupertino, CA 95014 (US).

(72) KIDA, Yasuo; 1025 Harker Avenue, Palo Alto, AC 94301 (US). HARA, Keisuke; 1-18-11-404 Saginuma, Miyamae-ku, Kawasaki-si, Kawasaki, 216-0004 (JP).

(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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/30

(11) WO 03/027896 (13) A2

(21) PCT/DE02/03011

(22) 16 Aug/août 2002 (16.08.2002)

(25) de (26) de

(30) 101 44 390.0 **10 Sep/sep 2001** DE  
(**10.09.2001**)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • VISUALISATION OF A COMPARISON RESULT OF AT LEAST TWO DATA STRUCTURES ORGANISED IN DIRECTORY TREES

• VISUALISATION DU RESULTAT D'UNE COMPARAISON D AU MOINS DEUX STRUCTURES ARBORESCENTES DE DONNEES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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- (72, 75) **POHLAN, Rudolf** [DE/DE]; Ostendstr. 17, 76337 Waldbronn (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 IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G06F 17/30, 9/44

(11) WO 03/027897 (13) A2

(21) PCT/FR02/03141

(22) 16 Sep/sep 2002 (16.09.2002)

(25) fr (26) fr

(30) 01/12343 21 Sep/sep 2001 FR (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • LISTING SELECTED AND UPDATED MULTIMEDIA DOCUMENTS FROM A TERMINAL
- CONSTITUTION D'UNE LISTE DE DOCUMENTS MULTIMEDIAS SELECTIONNES ET ACTUALISES DEPUIS UN TERMINAL

(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) **MONCOMBLE, Ghislain** [FR/FR]; 25, rue Kergall, F-22660 Trevou Treguignec (FR).

(74) **CABINET MARTINET & LAPOUX**; 43, boulevard Vauban, B.P. 405 Guyancourt, F-78055 St Quentin Yvelines Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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)<sup>7</sup> G06F 17/30

(11) WO 03/027898 (13) A1

(21) PCT/FR02/03230

(22) 20 Sep/sep 2002 (20.09.2002)

(25) fr (26) fr

(30) 01/12211 21 Sep/sep 2001 FR (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • METHOD OF CAPTURING MOVING IMAGES
- PROCEDE POUR LA PRISE D'IMAGES ANIMEES

(71) **UNIVERSITE DE TECHNOLOGIE DE COMPIEGNE** [FR/FR]; BP 20529, F-60205 Compiègne Cedex (FR).

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

(72, 75) **STIEGLER, Bernard** [FR/FR]; 73, rue de la Madelaine, F-60420 Maignelay (FR).

(74) **BREESE, Pierre et al.** / etc.; Breesé-Majerowicz, 3, avenue de l'Opéra, F-75001 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/30

(11) WO 03/027899 (13) A2

(21) PCT/GB02/04328

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 01308280.5 27 Sep/sep 2001 EP (27.09.2001)

(30) 01308261.5 27 Sep/sep 2001 EP (27.09.2001)

(30) 01308260.7 27 Sep/sep 2001 EP (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • METHOD AND APPARATUS FOR DATA ANALYSIS
- PROCEDE ET DISPOSITIF D'ANALYSE DE DONNEES

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 NEWGATE STREET, LONDON EC1A 7AJ (GB).

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(72, 75) **NAUCK, Detlef, Daniel** [DE/GB]; 32 DODSON VALE, KESGRAVE, IPSWICH, Suffolk IP5 2GT (GB). **SPOTT, Martin** [DE/GB]; 30 LUMMIS VALE, KESGRAVE, IPSWICH, Suffolk IP5 2FJ (GB). **AZVINE, Benham** [GB/GB]; 6 DODSON VALE, KESGRAVE, IPSWICH, Suffolk IP5 2GT (GB).

(74) **LLOYD, Barry, George Willia**; BT GROUP LEGAL INTELLECTUAL PROPERTY DEPARTMENT, HOLBORN CENTRE, 8TH FLOOR, 120 HOLBORN, LONDON EC1N 2TE (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/30, H04Q 7/38, G06T 11/60, G09B 29/00

(11) WO 03/027900 (13) A1

(21) PCT/JP02/08927

(22) 3 Sep/sep 2002 (03.09.2002)

(25) ja (26) ja

(30) 2001-267834 4 Sep/sep 2001 JP (04.09.2001)

(30) 2002-252481 30 Aug/août 2002 JP (30.08.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • INFORMATION PROCESSING SYSTEM PROVIDING VARIOUS SERVICES UTILIZING ELECTRONIC MAP INFORMATION
- SYSTEME DE TRAITEMENT D'INFORMATIONS FOURNISSANT DIVERS SERVICES AU MOYEN D'INFORMATIONS DE CARTE ELECTRONIQUE

(71) **SONY COMPUTER ENTERTAINMENT INC.** [JP/JP]; 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(72) **KUNIGITA, Hisayuki**; c/o SONY COMPUTER ENTERTAINMENT INC., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(74) **YONEYAMA, Hisashi**; YONEYAMA INTERNATIONAL PATENT BUREAU, Shinjuku-Fukuchi Bldg. 5th Floor, 29-8, Shinjuku 6-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) CN KR.

(51)<sup>7</sup> G06F 17/30

(11) WO 03/027901 (13) A1

(21) PCT/US02/25484

(22) 9 Aug/août 2002 (09.08.2002)

(25) en (26) en

(30) 09/961,131 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • SCALABLE HIERARCHICAL DATA-DRIVEN NAVIGATION SYSTEM AND METHOD FOR INFORMATION RETRIEVAL
- SYSTEME DE NAVIGATION HIERARCHIQUE GUIDE PAR DES DONNEES EVOLUTIVES ET PROCEDE DE LOCALISATION D'INFORMATION

(71) **ENDECA TECHNOLOGIES, INC.** [US/US]; 55 Cambridge Parkway, Cambridge, MA 02142 (US).

(72) **FERRARI, Adam, J.**; 32 Lee Street #2, Cambridge, MA 02139 (US). **GOURLEY, David, J.**; 221 W. Newton #3, Boston, MA 02116 (US). **JOHNSON, Keith, A.**; 10 Museum Way #1227, Cambridge, MA 02141 (US). **KNABE, Frederick, C.**; 32 Braddock Park #2, Boston, MA 02116 (US). **LAU, Andrew**; 15 Pearl Street #11, Cambridge, MA 02139 (US). **MOHTA, Vinay, B.**; 16 Elmer Street #405, Cambridge, MA 02138 (US).



- TUNKELANG, Daniel; 91 Trowbridge Street #34, Cambridge, MA 02138 (US). WALTER, John, S.; 10 Thatcher Street, Boston, MA 02113 (US).
- (74) STEINBERG, Donald, R. et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02019 (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> G06F 17/30  
(11) WO 03/027902 (13) A1  
(21) PCT/US02/25527  
(22) 9 Aug/août 2002 (09.08.2002)  
(25) en (26) en  
(30) 09/961,131 21 Sep/sep 2001 US (21.09.2001)  
(30) 09/998,682 31 Oct/oct 2001 US (31.10.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • HIERARCHICAL DATA-DRIVEN SEARCH AND NAVIGATION SYSTEM AND METHOD FOR INFORMATION RETRIEVAL  
• PROCEDE ET SYSTEME DE NAVIGATION ET DE RECHERCHE HIERARCHIQUES GUIDES PAR DONNEES POUR RECUPERATION D'INFORMATIONS  
(71) ENDECA TECHNOLOGIES, INC. [US/US]; 55 Cambridge Parkway, Cambridge, MA 02142 (US).  
(72) FERRARI, Adam, J.; 32 Lee Street #2, Cambridge, MA 02139 (US). GOURLEY, David, J.; 221 W. Newton #3, Boston, MA 02116 (US). JOHNSON, Keith, A.; 10 Museum Way #1227, Cambridge, MA 02141 (US). KNABE, Frederick, C.; 32 Braddock Park #2, Boston, MA 02116 (US). MOHTA, Vinay, B.; 16 Elmer Street #405, Cambridge, MA 02138 (US). TUNKELANG, Daniel; 91 Trowbridge Street #34, Cambridge, MA 02138 (US). WALTER, John, S.; 10 Thatcher Street, Boston, MA 02113 (US).
- (74) STEINBERG, Donald, R. et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> G06F 17/30, 7/00, 15/177, 9/00, 9/24  
(11) WO 03/027903 (13) A1  
(21) PCT/US02/29859  
(22) 20 Sep/sep 2002 (20.09.2002)  
(25) en (26) en  
(30) 60/324,196 21 Sep/sep 2001 US (21.09.2001)  
(30) 60/324,226 21 Sep/sep 2001 US (21.09.2001)  
(30) 60/324,224 21 Sep/sep 2001 US (21.09.2001)  
(30) 60/324,242 21 Sep/sep 2001 US (21.09.2001)  
(30) 60/324,195 21 Sep/sep 2001 US (21.09.2001)  
(30) 60/324,243 21 Sep/sep 2001 US (21.09.2001)  
(30) 60/324,787 24 Sep/sep 2001 US (24.09.2001)  
(30) 60/327,191 1 Oct/oct 2001 US (01.10.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • A SYSTEM AND METHOD FOR A MULTI-NODE ENVIRONMENT WITH SHARED STORAGE  
• SYSTEME ET PROCEDE POUR ENVIRONNEMENT MULTINOEUD A MEMOIRE PARTAGEE  
(71) POLYSERVE, INC. [—/US]; Suite 150, 20400 NW Amberwood Drive, Beaverton, OR 97006 (US).  
(72) CALLAHAN, Michael, J.; Suite 150, 20400 NW Amberwood Drive, Beaverton, OR 97006 (US). CASPER, Corene; Suite 150, 20400 NW Amberwood Drive, Beaverton, OR 97006 (US). KINGSBURY, Brent, A.; Suite 150, 20400 NW Amberwood Drive, Beaverton, OR 97006 (US). KRUEGER, Phil; Suite 150, 20400 NW Amberwood Drive, Beaverton, OR 97006 (US). DOVE, Kenneth, F.; Suite 150, 20400 NW Amberwood Drive, Beaverton, OR 97006 (US). ROKOP, Terence, M.; Suite 150, 20400 NW Amberwood Drive, Beaverton, OR 97006 (US). SPITZER, Michael, J.; Suite 150, 20400 NW Amberwood Drive, Beaverton, OR 97006 (US).  
(74) YI, Susan, C.; Van Pelt & Yi LLP, Suite 205, 4906 El Camino Real, Los Altos, CA 94022 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> G06F 17/30  
(11) WO 03/027904 (13) A2  
(21) PCT/US02/30387  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) en (26) en  
(30) 09/967,406 27 Sep/sep 2001 US (27.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD AND SYSTEM FOR PROVIDING A UNIFIED DATA EXCHANGE AND STORAGE FORMAT  
• PROCEDE ET SYSTEME PERMETTANT DE FOURNIR UN FORMAT UNIFIE D'ECHANGE ET DE STOCKAGE DE DONNEES  
(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).  
(72) MCGRATH, Gary, G.; 521 Halsing Court, Carlsbad, CA 92009-5415 (US).  
(74) WADSWORTH, Philip, R. et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> G06F 17/30  
(11) WO 03/027905 (13) A1  
(21) PCT/US02/30907  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) en (26) en  
(30) 09/967,688 28 Sep/sep 2001 US (28.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • REMOVABLE ACTIVE APPLICATION SPECIFIC MEDIUM  
• SUPPORT SPECIFIQUE D'APPLICATION, ACTIF ET AMOVIBLE  
(71) UI EVOLUTION, INC. [US/US]; 13555 Bellevue/Redmond Rd, Suite 250, Bellevue, WA 98005 (US).  
(72) NAKAJIMA, Satoshi; 4902 166th Ct., NE, Redmond, WA 98052 (US).  
(74) AUYEUNG, Aloysius, T., C. et al. / etc.; Schwabe, Williamson & Wyatt, P.C., 10260 SW Greenburg Road, Suite 820, Portland, OR 97223 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les  
désignations

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> G06F 17/30

(11) WO 03/027906 (13) A2

(21) PCT/US02/30921

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 60/325,177 28 Sep/sep 2001 US  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • CONFIGURABLE ADAPTIVE  
GLOBAL TRAFFIC CONTROL AND  
MANAGEMENT  
• REGULATION ET GESTION DE TRA-  
FIC GLOBAL ADAPTATIVES CONFI-  
GURABLES

(71) CABLE & WIRELESS INTERNET SER-  
VICES, INC. [US/US]; 45 Fremont Street,  
12th Floor, San Francisco, CA 94105 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) STOLORZ, Paul, E. [AU/US]; 776  
Calle Mandarinas, Thousand Oaks, CA  
91360 (US). SALMON, John, K. [US/US];  
240 Taos Road, Altadena, CA 91001 (US).  
WARREN, Michael, S. [US/US]; 60 Camino  
de los Montoyas, Santa Fe, NM 87501 (US).  
KOLLER, Jeffrey [US/US]; Apt. 1, 22330  
Meyler St., Torrance, CA 90502 (US). HAG-  
BERG, Aric [US/US]; 615 Don Felix, Santa  
Fe, NM 87501 (US). YEVMENKIN, Mak-  
sim [RU/US]; Apt. 1, 1760 Via Petirrojo,  
Thousand Oaks, CA 91320 (US). BRADY,  
Mark [US/US]; 115 West Avenida de Los  
Arboles, Thousand Oaks, CA 91360 (US).  
PFITZNER, David [AU/US]; Apt. C9, 555  
Laurie Lane, Thousand Oaks, CA 91360  
(US).

(74) SIRITZKY, Brian et al. / etc.; Pillsbury  
Winthrop LLP, 1600 Tysons Boulevard,  
McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/30

(11) WO 03/027907 (13) A1

(21) PCT/US02/31092

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 09/966,355 28 Sep/sep 2001 US  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • METHOD AND SYSTEM FOR DATA-  
BASE QUERIES AND INFORMATION  
DELIVERY  
• PROCEDE ET SYSTEME D'INTERRO-  
GATIONS DE BASES DE DONNEES  
ET DE DISTRIBUTION D'INFORMA-  
TIONS

(71) CLIENTELLIGENCE, INC. [US/US]; 600  
Anton Boulevard, 11th Floor, Costa Mesa,  
CA 92626 (US).

(72) LUCAS, Scott; 264 Meteta Place, Palm  
Desert, CA 92260 (US). MOORE, Erik;  
17041 Conway Spring Court, Austin, TX  
78717 (US).

(74) PIERRI, Margaret, A. 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  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/30

(11) WO 03/027908 (13) A2

(21) PCT/US02/31168

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/326,052 28 Sep/sep 2001 US  
(28.09.2001)

(30) 60/378,800 7 May/mai 2002 US  
(07.05.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • PROVIDING A CONSISTENT HIER-  
ARCHICAL ABSTRACTION OF RELA-  
TIONAL DATA  
• FOURNIR UNE ABSTRACTION HIE-  
RARCHIQUE CONSTANTE DE DON-  
NEES RELATIONNELLES

(71) ORACLE INTERNATIONAL CORPO-  
RATION [US/US]; 500 Oracle Parkway,  
M/S 5op7, Redwood Shores, CA 94065 (US).

(72) AGARWAL, Nipun; 4768 Cheeney Street,  
Santa Clara, CA 95054 (US). SEDLAR,  
Eric; 4270 Cesar Chavez Street, San Fran-  
cisco, CA 94131 (US). MURTHY, Ravi;  
33227 Jamie Circle, Fremont, CA 94555  
(US). JAIN, Namit; 1103 Foster City Blvd,  
Foster City, CA 94404 (US).

(74) HICKMAN, Brian; 1600 Willow Street, San  
Jose, CA 95125 (US) et al. / etc.

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

(51)<sup>7</sup> G06F 17/30

(11) WO 03/027909 (13) A1

(21) PCT/US02/31928

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 60/324,578 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • EFFICIENT MANGEMENT OF LARGE  
FILES  
• GESTION EFFICACE DE FICHIERS DE  
GRANDE TAILLE

(71, 72) SAAKE, Mark [US/US]; 11198 Brit-  
tany Lane, Dublin, CA 94568 (US). RUEF,  
Richard [US/US]; 1315 Moselle Court, Liv-  
ermore, CA 94550 (US). EVERSON, Kurt  
[US/US]; 707 Oyster Shell Court, Missouri  
City, TX 77459 (US).

(74) CHEN, Theodore, A.; Legato Systems, Inc.,  
2350 West El Camino Real, Mountain View,  
CA 94040 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06F 17/50

(11) WO 03/027910 (13) A2

(21) PCT/DE02/03455

(22) 16 Sep/sep 2002 (16.09.2002)

(25) de (26) de

(30) 101 47 027.4 25 Sep/sep 2001 DE  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • METHOD FOR PRODUCING DIA-  
GRAMMATIC NETWORK PLANS  
• PROCEDE DE PRODUCTION DE  
PLANS EN RESEAUX SCHEMATISES

(71) SIEMENS AKTIENGESELLSCHAFT  
[DE/DE]; Wittelsbacherplatz 2, 80333  
München (DE).

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

(72, 75) LAUTHER, Ulrich [DE/DE]; Käthe-Bauer-Weg 6, 80686 München (DE). STÜBINGER, Andreas [DE/DE]; Wolfgang-Schmid-Strasse 1, 94032 Passau (DE). MALISCH, Frank-Oliver [DE/DE]; Mozartstrasse 32, 85579 Neubiberg (DE). DOSTERT, Peter [DE/DE]; Aberlestrasse 12a, 81371 München (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (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 SI 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 IE IT LU MC NL PT SE 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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT 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)<sup>7</sup> G06F 17/50

(11) WO 03/027911 (13) A1

(21) PCT/JP02/09905

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001/294118 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR SELECTING DRIVE MOTOR AND DECELERATOR WHICH CONSTITUTE ACTUATOR

• PROCEDE PERMETTANT DE SELECTIONNER LE MOTEUR D'ENTRAI-NEMENT ET LE RALENTISSEUR CONSTITUANT L'ORGANE DE COM-MANDE

(71) HARMONIC DRIVE SYSTEMS INC. [JP/JP]; 25-3, Minamiohi 6-chome, Shinagawa-ku, Tokyo 140-0013 (JP).

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

(72, 75) SUZUKI, Masanori [JP/JP]; c/o HARMONIC DRIVE SYSTEMS INC. Hotaka-kojo, 1856-1, Oaza Maki, Hotaka-machi, Minamiazumi-gun, Nagano 399-8305 (JP). SOZU, Yoshio [JP/JP]; Sunlight Pastral Apartment C-707, 3-296, Shinmatsudo, Matsudo-shi, Chiba 270-0034 (JP).

(74) YOKOZAWA, Shiro; 1132-18, Shimadachi, Matsumoto-shi, Nagano 390-0852 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/50

(11) WO 03/027912 (13) A2

(21) PCT/US02/30391

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 60/324,797 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DISTRIBUTED SYSTEM AND METHOD FOR COMPUTER AIDED MULTI-COMPONENT SYSTEM DESIGN

• SYSTEME ET PROCEDE REPARTIS POUR CONCEPTION DE SYSTEME A COMPOSANTS MULTIPLES ASSISTEE PAR ORDINATEUR

(71) LOCKHEED MARTIN CORPORATION [US/US]; Lockheed Martin Federal Systems, 1801 State Road 17C, Owego, NY 13827 (US).

(72) BECKERT, John, T.; c/o Lockheed Martin Federal Systems, 1801 State Route 17C, Owego, NY 13827 (US). D'AGOSTINO, Patricia, A.; c/o Lockheed Martin Federal Systems, 1801 State Route 17C, Owego, NY 13827 (US). YANNUZZI, John, G.; c/o Lockheed Martin Federal Systems, 1801 State Route 17C, Owego, NY 13827 (US).

(74) LOPEZ, Orlando et al. / etc.; Perkins, Smith & Cohen, One Beacon Street, Boston, MA 02108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) WO 03/027913 (13) A1

(21) PCT/AU02/01317

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) PR 7951 27 Sep/sep 2001 AU (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A PURCHASING SYSTEM

• SYSTEME D'ACHAT

(71, 72) RUUL, George, Eino [AU/AU]; Suite 14, 16 Twickenham Road, Burswood W.A. 6100 (AU). WHILLIER, Phillip, John [AU/AU]; 9 Pelican Loop, High Wycombe, W.A. 6145 (AU).

(74) LORD & COMPANY; 4 Douro Place, West Perth, WA 6005 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) WO 03/027914 (13) A1

(21) PCT/AU02/01333

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) PR 7947 27 Sep/sep 2001 AU (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM FOR FACILITATING THE SUPPLY OF GOODS

• SYSTEME DESTINE A FACILITER LA LIVRAISON DE BIENS

(71) SANDS SOLUTIONS GROUP PTY LTD [AU/AU]; 63 Burswood Road, Burswood, Western Australia 6100 (AU).

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(72, 75) SPRAGG, Neil [AU/AU]; 5 Deverall Square, Hillarys, Western Australia 6025 (AU). EDDY, Neil, Glen [AU/AU]; 49b Saint Michael Terrace, Mount Pleasant, Western Australia 6153 (AU). KEOGH, Paul, William, Damian [AU/AU]; 4 Kinnane Place, Attadale, Western Australia 6156 (AU).

(74) WRAY & ASSOCIATES; Level 4, The Quadrant, 1 William Street, Perth, Western Australia 6000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) WO 03/027915 (13) A2

(21) PCT/CH02/00496

(22) 10 Sep/sep 2002 (10.09.2002)

- (25) de (26) de
- (30) 1757/01 **24 Sep/sep 2001** CH  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR RECEIVING SERVICES VIA A COMPUTER NETWORK  
• PROCEDE DE RECEPTION DE SERVICES PAR L'INTERMEDIAIRE D'UN RESEAU INFORMATIQUE
- (71) **INACTWEB GMBH** [CH/CH]; Dammweg 13, CH-8806 Bäch (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SCHERPENHUIJZEN, Robert** [NL/CH]; Dammweg 13, CH-8806 Bäch (CH).
- (74) **RIGLING, Peter**; Patentanwaltsbüro Troesch Scheidegger Werner AG, Schwänntenmos 14, CH-8126 Zumikon (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F 17/60
- (11) **WO 03/027916** (13) A2
- (21) PCT/CH02/00516
- (22) **20 Sep/sep 2002** (20.09.2002)
- (25) de (26) de
- (30) 1768/01 **25 Sep/sep 2001** CH  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PROCESS MANAGEMENT  
• GESTION DE PROCESSUS
- (71, 72) **PULFER, Roland** [CH/CH]; Lätti 328a, CH-3053 Münchenbuchsee (CH).
- (74) **FREIPATENTANWALTSBÜRO**; Postfach 768, CH-8029 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
*(u) for / pour US only / seulement*
- 
- (51)<sup>7</sup> G06F 17/60
- (11) **WO 03/027917** (13) A1
- (21) PCT/CN01/01397
- (22) **14 Sep/sep 2001** (14.09.2001)
- (25) zh (26) zh
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • AN ELECTRONIC COMMERCE METHOD FOR SELECTING MATERIAL  
• METHODE DE COMMERCE ELECTRONIQUE POUR LA SELECTION DE MATERIAU
- (71) **IBP TECHNOLOGY INC.** [CN/CN]; 17F1., No.94, Sec.1, Shintai 5th Rd., Shijr City, Taipei, Taiwan (CN).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CHEN, Hsunsen** [CN/CN]; 7F-1, No.137, Sec.1, Hsinhai Rd., Taipei, Taiwan (CN). **MA, Lihsin** [CN/CN]; 4F-1, No.17, Binlung Rd., Shin Dian, Taipei, Taiwan (CN).
- (74) **BEIJING SANYOU INTELLECTUAL PROPERTY AGENT LTD.**; NO.40 North Sanhuanzhonglu Road, Beijing 100088 (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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA 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 GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F 17/60
- (11) **WO 03/027918** (13) A2
- (21) PCT/DE02/02506
- (22) **9 Jul/juil 2002** (09.07.2002)
- (25) de (26) de
- (30) 101 44 781.7 **11 Sep/sep 2001** DE  
(11.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR SELECTING ATTRIBUTES FOR A USER IN A POSITION-DEPENDENT SERVICE  
• PROCEDE POUR LA SELECTION D'ATTRIBUTS POUR UN UTILISATEUR A L'INTERIEUR D'UN SERVICE DEPENDANT DE LA POSITION
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
- (72) **DRAEGER, Gerd**; Kasernenstrasse 5, 38102 Braunschweig (DE). **SKWAREK, Volker**; Welfenhoehe 21, 31162 Bad Salzdetfurth (DE). **BUECHER, Andreas**; Friedr.-Ebert-Strasse 46, 37520 Osterode (DE).
- (81) JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> G06F 17/60
- (11) **WO 03/027919** (13) A2
- (21) PCT/FR02/03215
- (22) **20 Sep/sep 2002** (20.09.2002)
- (25) fr (26) fr
- (30) 01/12182 **21 Sep/sep 2001** FR  
(21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DATA PROCESSING INSTALLATION FOR ELECTRONIC WALLETS, AND RELATED METHOD  
• INSTALLATION DE TRAITEMENT DE DONNEES POUR DES PORTES-MONNAIE ELECTRONIQUES, ET PROCEDE ASSOCIE
- (71, 72) **GUILHEN, Pierre-Michel** [FR/FR]; 10, rue Franquet, F-75015 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F 17/60
- (11) **WO 03/027920** (13) A2
- (21) PCT/GB02/04316
- (22) **23 Sep/sep 2002** (23.09.2002)
- (25) en (26) en
- (30) 0122868.3 **22 Sep/sep 2001** GB  
(22.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND SYSTEM FOR DELIVERING A VOUCHER VIA A MOBILE COMMUNICATION DEVICE  
• PROCEDE ET SYSTEME D'EMISSION D'UN BON PAR L'INTERMEDIAIRE D'UN DISPOSITIF DE COMMUNICATION MOBILE
- (71) **INTCENTIVES LIMITED** [GB/GB]; Normanby Gateway, Lysaghts Way, Scunthorpe, North Lincolnshire DN15 9YG (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DENTON, Christopher** [GB/GB]; Normanby Gateway, Lysaghts Way, Scunthorpe, North Lincolnshire DN15 9YG (GB).
- (74) **STEBBING, Timothy, Charles**; Haseltine Lake, Imperial House, 15-19 Kingsway, London WC2B 6UD (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> G06F 17/60  
(11) WO 03/027921 (13) A2  
(21) PCT/IB02/03723  
(22) 6 Sep/sep 2002 (06.09.2002)  
(25) en (26) en  
(30) 01000498.4 26 Sep/sep 2001 EP  
(26.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD FOR THE COMPUTER-CONTROLLED IMPLEMENTATION OF A WORK PROCESS, AND DEVICE FOR IMPLEMENTING A WORK PROCESS  
• PROCEDE DE MISE EN OEUVRE COMMANDEE PAR ORDINATEUR D'UN PROCESSUS DE TRAVAIL, ET DISPOSITIF CORRESPONDANT  
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(72) WAIBEL, Ulrich; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).  
(74) WEBER, Helmut; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).  
(81) CN JP.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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- (51)<sup>7</sup> G06F 17/60  
(11) WO 03/027922 (13) A1  
(21) PCT/JP01/08167  
(22) 19 Sep/sep 2001 (19.09.2001)  
(25) ja (26) ja  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • SALES MANAGEMENT DEVICE, SALES SITE MANAGEMENT DEVICE, AND SALES SYSTEM  
• DISPOSITIF DE GESTION DES VENTES ET DU SITE DE VENTES ET SYSTEME DE VENTES  
(71) WIREACTION INC. [JP/JP]; Kita-Aoyama Maiduru Bld. 2F, 10-22, Kita-Aoyama 2-chome, Minato-ku, Tokyo 107-0061 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) HAYASHI, Kazuhiro [JP/JP]; c/o WireAction Inc., Kita-Aoyama Maiduru Bld. 2F, 10-22, Kita-Aoyama 2-chome, Minato-ku, Tokyo 107-0061 (JP).  
OHTA, Hiroyuki [JP/JP]; c/o WireAction Inc., Kita-Aoyama Maiduru Bld. 2F, 10-22, Kita-Aoyama 2-chome, Minato-ku, Tokyo 107-0061 (JP).  
(74) RYUKA, Akihiro; 6F Toshin Building, 24-12, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI 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 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).

- (51)<sup>7</sup> G06F 17/60  
(11) WO 03/027923 (13) A1  
(21) PCT/JP01/08271  
(22) 21 Sep/sep 2001 (21.09.2001)  
(25) ja (26) ja  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • CONSUMABLES ELECTRONIC COMMERCE METHOD, ELECTRONIC COMMERCE SYSTEM, AND SERVER FOR ELECTRONIC COMMERCE  
• PROCEDE DE COMMERCE ELECTRONIQUE DE CONSOMMABLES, SYSTEME DE COMMERCE ELECTRONIQUE ET SERVEUR POUR COMMERCE ELECTRONIQUE  
(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
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(72, 75) SAKAI, Shunta [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
FUJISE, Masao [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
EJIRI, Michihiko [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
TOMINAGA, Mari [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
SAKAI, Yuri [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 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) 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 PH PL PT RO RU SD SE SG SI 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 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).

- (51)<sup>7</sup> G06F 17/60  
(11) WO 03/027924 (13) A1  
(21) PCT/JP02/08291  
(22) 15 Aug/août 2002 (15.08.2002)  
(25) ja (26) ja  
(30) 2001-274854 11 Sep/sep 2001 JP  
(11.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CONTENT USAGE AUTHORITY MANAGEMENT SYSTEM AND MANAGEMENT METHOD  
• SYSTEME DE GESTION D'AUTORISATION D'UTILISATION DE CONTENU ET PROCEDE DE GESTION

(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) OKA, Makoto [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP).  
ISHIBASHI, Yoshihito [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP).  
ABE, Hiroshi [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP).  
ENARI, Masahiko [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP).  
SHIMADA, Noboru [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP).  
YOSHINO, Kenji [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP).

(74) MIYATA, Masaaki et al. / etc.; Sawada, Miyata & Yamada Patent Office, Ginza TK Bldg., 6F, 1-7, Shintomi 1-chome, Chuo-ku, Tokyo 104-0041 (JP).

(81) CN KR US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)<sup>7</sup> G06F 17/60  
(11) WO 03/027925 (13) A2  
(21) PCT/JP02/09061  
(22) 5 Sep/sep 2002 (05.09.2002)  
(25) ja (26) ja  
(30) 2001-290173 21 Sep/sep 2001 JP  
(21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMPUTER SYSTEM FOR GENERATION OF TABLE DATA APPLICABLE TO MANAGEMENT OF ENTERPRISES  
• SYSTEME INFORMATIQUE POUR LA GENERATION DE DONNEES EN TABLE CONVENANT A LA GESTION D'ENTREPRISES

(71, 72) NOJI, Fukuzo [JP/JP]; 5-1, Nisiharadai 2-chome, Iwatsuki-shi, Saitama 339-0082 (JP).

(74) KYOSEI INTERNATIONAL PATENT OFFICE; Toyama Building, 8-14, Akasaka 3-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06F 17/60

(11) WO 03/027926 (13) A1

(21) PCT/JP02/09616

(22) 19 Sep/sep 2002 (19.09.2002)

(25) ja (26) ja

(30) 2001/287883 20 Sep/sep 2001 JP  
(20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM FOR PREDICTING NUMBER  
OF COMMODITIES SOLD

• SYSTEME DE PREDICTION DU  
NOMBRE DE BIENS VENDUS

(71) MCDONALD'S COMPANY (JAPAN), LTD [JP/JP];  
6-5-1, Nishishinjuku, Shinjuku-ku, Tokyo  
160-0023 (JP). FUJI ECHO CO., LTD.  
[JP/JP]; 2-12, Shiohama, Ichikawa-shi, Chiba  
272-0127 (JP). FUJI BAKING CO., LTD.  
[JP/JP]; 1-50, Matsuzono-cho, Mizuho-ku,  
Nagoya-shi, Aichi 467-0065 (JP). IBM  
JAPAN, LTD. [JP/JP]; 3-2-12, Roppongi,  
Minato-ku, Tokyo 106-0032 (JP).

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les États désignés sauf US)

(72, 75) SUZUKI, Youjirou [JP/JP]; MCDON-  
ALD'S COMPANY (JAPAN), LTD, 6-5-1,  
Nishishinjuku, Shinjuku-ku, Tokyo 160-0023  
(JP). KOUNO, Yuji [JP/JP]; FUJI ECHO  
CO., LTD., 2-12, Shiohama, Ichikawa-shi,  
Chiba 272-0127 (JP). OKADA, Shigehisa  
[JP/JP]; FUJI BAKING CO., LTD., 1-50,  
Matsuzono-cho, Mizuho-ku, Nagoya-shi,  
Aichi 467-0065 (JP). SUZUKI, Katsuhiko  
[JP/JP]; IBM JAPAN, LTD., 3-2-12, Rop-  
pongi, Minato-ku, Tokyo 106-0032 (JP).

(74) FURUBE, Jiro et al. / etc.; Serio Inter-  
national Patent, Office, Yamaguchi Kensetsu  
No.2, Building, 6F, 5-4-11, Akasaka (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) WO 03/027927 (13) A1

(21) PCT/JP02/09870

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001-290889 25 Sep/sep 2001 JP  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DNA PROVIDING SYSTEM

• SYSTEME DE FOURNITURE D'ADN

(71) TOYO KOHAN CO., LTD. [JP/JP]; 2-12,  
Yonbancho, Chiyoda-ku, Tokyo 102-8447  
(JP).

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

(71, 72) TAKAHASHI, Kojiro [JP/JP]; 9-26,  
Miyuki 1-chome, Ujina, Minami-ku, Hi-  
roshima-shi, Hiroshima 734-0015 (JP).

(72, 75) TANGA, Michifumi [JP/JP]; c/o TOYO  
KOHAN CO., LTD. Technical Research  
Laboratory, 1296-1, Higashitoyoi, Ku-  
damatsu-shi, Yamaguchi 744-8611 (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) WO 03/027928 (13) A1

(21) PCT/KR02/01756

(22) 18 Sep/sep 2002 (18.09.2002)

(25) ko (26) en

(30) 2001/60794 28 Sep/sep 2001 KR  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SELF-SETTLEMENT METHOD AND  
SYSTEM

• PROCEDE ET SYSTEME DE REGLE-  
MENT PAR LE CLIENT LUI-MEME

(71, 72) LEE, Myung-Gi [KR/KR]; 102-801  
Jindalrae Apt., 21 Ohjeon-Dong, Uiwang-Si,  
437-070 Kyunggi-Do (KR).

(74) L & K PATENT FIRM; 701, Daekun  
Bldg., 822-5, Yeoksam-Dong, Kangnam-Gu,  
135-080 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NO NZ OM PH PL PT RO RU  
SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06F 17/60

(11) WO 03/027929 (13) A1

(21) PCT/KR02/01807

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ko (26) en

(30) 2001/59344 25 Sep/sep 2001 KR  
(25.09.2001)

(30) 2002/57427 19 Sep/sep 2002 KR  
(19.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ELECTRONIC COMMERCE SYSTEM  
AMD METHOD USING GOODS IDENTI-  
FICATION CODE

• SYSTEME DE COMMERCE ELECTRO-  
NIQUE ET PROCEDE UTILISANT DES  
CODES D'IDENTIFICATION DE MAR-  
CHANDISES

(71, 72) KWON, Sun-Tae [KR/KR]; 125-108,  
Jugong Idanji APT, 19, Jamsil-dong,  
Songpa-gu, 138-908 Seoul (KR).

(74) WONJON PATENT FIRM; 8th Floor,  
Poonglim Bldg., 823-1, Yeoksam-dong,  
Gangnam-gu, 135-784 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NO NZ OM PH PL PT RO RU  
SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) WO 03/027930 (13) A1

(21) PCT/KR02/01818

(22) 27 Sep/sep 2002 (27.09.2002)

(25) ko (26) en

(30) 2001-0060504 28 Sep/sep 2001 KR  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • REAL TIME RESERVATION SYSTEM  
AND METHOD THEREOF USING  
COMMUNICATION NETWORK

• SYSTEME DE RESERVATION EN  
TEMPS REEL ET PROCEDE CORRES-  
PONDANT METTANT EN OEUVRE  
UN RESEAU DE COMMUNICATIONS

(71) IMC DIRECT INC. [KR/KR]; 5th Floor,  
Yerang Building, 395-17 Seokyo-dong,  
Mapo-gu, 121-210 Seoul (KR).

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

(72, 75) BAE, Hong-Jung [KR/KR]; 114-1002  
Dong-A Apt., 757 Madu-dong, Ilsan-gu,  
411-350 Koyang, Kyungki-do (KR). PARK,  
Sung-Jong [KR/KR]; 109-704 Doosan Apt.,  
1265 Kuro-4-dong, Kuro-gu, 152-764 Seoul  
(KR). YOON, Kwan-Hee [KR/KR]; 415  
Yangji-ri, Onam-cup, 472-880 Namyangju,  
Kyungki-do (KR).

(74) SON, Won; C & S Patent and Law Office,  
C-2306 Daelim Acrotel, 467-6 Dogok-dong,  
Kangnam-gu, 135-971 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NO NZ OM PH PL PT RO RU  
SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) WO 03/027931 (13) A1

(21) PCT/KR02/01819

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 2001-0060417 28 Sep/sep 2001 KR (28.09.2001)

(30) 2001-0068710 6 Nov/nov 2001 KR (06.11.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MARKETING METHOD BY PROVIDING CONTENTS

• PROCEDE DE MARKETING REPONSANT SUR LA FOURNITURE DE CONTENUS

(71) EZNEGO CO. LTD. [KR/KR]; 3Fl., Dae-won Bldg., 184-3 Inhwa 1-ga-dong, 570-984 Iksan-si, Jeollabuk-do (KR).

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

(72, 75) YOON, Hyo-Sung [KR/KR]; 3Fl., Dae-won Bldg., 184-3 Inhwa 1-ga-dong, 570-984 Iksan-si, Jeollabuk-do (KR).

(74) CHOI, Yong-Won et al. / etc.; 4th., Myungdo Bldg., 1542-21 Seocho-3dong, Seocho-gu, 137-073 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06F 17/60, H04N 7/14

(11) WO 03/027932 (13) A1

(21) PCT/NO02/00341

(22) 25 Sep/sep 2002 (25.09.2002)

(25) no (26) en

(30) 20014734 28 Sep/sep 2001 NO (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A METHOD FOR MAKING CONTACT BETWEEN VIEWERS OF A VISUAL PRESENTATION AND A COMPANY TRANSMITTING THE PRESENTATION

• PROCEDE PERMETTANT D'ETABLIR LE CONTACT ENTRE LES SPECTATEURS D'UNE REPRESENTATION VISUELLE ET UNE SOCIETE EMETTANT LADITE PRESENTATION

(71) INTERMERCIAL AS [NO/NO]; Lillekerveien 10, N-0283 Oslo (NO).

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

(72, 75) NYBORG, Morten [NO/NO]; Lilleengveien 1B, N-1342 Jar (NO).

(74) LANGFELDT, Jens, F., C.; Bryns Zacco AS, P.O. Box 765, Sentrum, N-0106 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) WO 03/027933 (13) A1

(21) PCT/SE02/01742

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,070 24 Sep/sep 2001 US (24.09.2001)

(30) 60/324,280 25 Sep/sep 2001 US (25.09.2001)

(30) 60/325,175 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A TICKET AND A METHOD OF BILLING

• BILLET ET PROCEDE DE FACTURATION

(71) JE SYSTEMKONSULT AB [SE/SE]; Svanvägen 16, S-183 77 Täby (SE).

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

(72, 75) EHRENSVÄRD, Jakob [SE/SE]; Svanvägen 16, S-183 77 Täby (SE).  
EHRENSVÄRD, Stina [SE/SE]; Svanvägen 16, S-183 77 Täby (SE).

(74) HINZ, Udo et al. / etc.; Zacco Sweden AB, Box 23101, S-104 35 Stockholm (SE).

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

(51)<sup>7</sup> G06F 17/60

(11) WO 03/027934 (13) A1

(21) PCT/US01/30129

(22) 26 Sep/sep 2001 (26.09.2001)

(25) en (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR CONTROLLING THE USE OF AIRSPACE AND ASSESSMENT OF USE FEES AND PENALTIES

• PROCEDE ET APPAREIL PERMETTANT DE CONTROLER L'UTILISATION DE L'ESPACE AERIEN ET DE FIXER LES FRAIS D'UTILISATION ET LES PENALITES

(71, 72) HODGE, Philip, T. [US/US]; 500 Pegasus Drive, Spring City, TN 37831 (US).

(72, 75) PHILLIPS, Darryl, H. [US/US]; 1100 W. Cherokee Street, Sallisaw, OK 74955 (US).

(74) FITCH, Morgan, L. et al. / etc.; Pitts & Brittain, P.C., P.O. Box 51295, Knoxville, TN 37950-1295 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA 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 CZ 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)<sup>7</sup> G06F 17/60

(11) WO 03/027935 (13) A1

(21) PCT/US02/31184

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/326,066 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • EXPERT SYSTEMS AND METHODS

• PROCEDES ET SYSTEMES D'EXPERTS

(71, 72) ANDERSON, Arthur, Allan [US/US]; 302 Moonhaw Road, West Shokan, NY 12494 (US).

(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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06F 19/00

(11) WO 03/027936 (13) A1

(21) PCT/AU02/01308

- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) PR 7883 24 Sep/sep 2001 AU (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • AN ONLINE METHOD OF DETERMINING EXERCISE PROGRAMS RELATED TO BIOMECHANICAL FAULTS
- PROCEDE EN LIGNE PERMETTANT DE METTRE AU POINT DES PROGRAMMES D'EXERCICES AFIN DE CORRIGER DES INCORRECTIONS BIOMECHANIQUES
- (71) GET FIT TO GOLF PTY LTD [AU/AU]; ACN 097 268 543, 3 Anchor Avenue, Toukley, NSW 2263 (AU).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BURKE, Ronald, John [AU/AU]; 64 Cape Three Points Road, Avoca Beach, NSW 2259 (AU).
- (74) CHRYSILIOU LAW; 15-19 Parraween Street, Cremorne, NSW 2090 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06K
- (11) WO 03/027937 (13) A2
- (21) PCT/US02/30455
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 09/963,298 25 Sep/sep 2001 US (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • STATIC DISPLAY OF A BAR CODE ON A DISPLAY OF A MOBILE COMMUNICATIONS DEVICE
- AFFICHAGE STATIQUE D'UN CODE BARRES SUR UN ECRAN D'UN DISPOSITIF DE COMMUNICATION MOBILE
- (71) ECRIO, INC. [US/US]; 10121 Miller Avenue, Suite 102, Cupertino, CA 95014 (US).
- (72) CHALLA, Nagesh; 123000 Fredericksburg Court, Saratoga, CA 95070 (US). GOBURU, Venkata, T.; 7069 Phyllis Avenue, San Jose, CA 95129 (US).
- (74) CARROLL, David, H. et al. / etc.; Suite 4700, 370 Seventeenth Street, Denver, CO 80202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06K 9/00
- (11) WO 03/027939 (13) A2
- (21) PCT/FR02/03261
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) fr (26) fr
- (30) 01/12294 24 Sep/sep 2001 FR (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR ANONYMOUS COMPUTERIZED PROCESSING OF DOCUMENTS OR OBJECTS
- RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (r) for all designations / pour toutes les désignations
- (s) for all designations / pour toutes les désignations
- (t) for all designations / pour toutes les désignations
- 
- (51)<sup>7</sup> G06K 7/00, 19/07
- (11) WO 03/027938 (13) A1
- (21) PCT/EP02/09818
- (22) 3 Sep/sep 2002 (03.09.2002)
- (25) fr (26) fr
- (30) 01203583.8 21 Sep/sep 2001 EP (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR MANAGING RECEIVER MEANS OF A TRANSPONDER DESIGNED FOR RELATIVELY LONG-DISTANCE COMMUNICATION
- PROCEDE DE GESTION DES MOYENS RECEPTEURS D'UN TRANSPONDEUR AGENCE POUR COMMUNIQUER A RELATIVEMENT LONGUE DISTANCE
- (71) EM MICROELECTRONIC-MARIN SA [CH/CH]; 3, rue des Sors, CH-2074 Marin (CH).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SACKSTEDER, Frédéric [FR/CH]; 63, chemin Marnière, CH-2068 Hauterive (CH).
- (74) I C B Ingénieurs Conseils en Brevets SA; 7, rue des Sors, CH-2074 Marin (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- PROCEDE ET FICHE DE TRAITEMENT ANONYME D'UN ELEMENT MATERIEL, MACHINE ET ETIQUETTE POUR LES METTRE EN OEUVRE
- (71) SOCIETE NEOPTEC TECHNIQUES S.A.R.L. [FR/FR]; 2, Résidence Beauséjour, 537, Avenue de la Justice-Castelnau, F-34090 Montpellier (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MOUSSETTE, Jean-Pierre [FR/FR]; 2, Résidence Beauséjour, 537, avenue de la Justice-Castelnau, F-34090 Montpellier (FR).
- (74) RAVINA, Bernard; Ravina SA, 8, rue des Briquetiers, Z.A. de Font Grasse, F-31700 Blagnac Cedex 3 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06K 9/00, 9/36, 9/38, 9/46
- (11) WO 03/027940 (13) A1
- (21) PCT/IB02/03745
- (22) 12 Sep/sep 2002 (12.09.2002)
- (25) en (26) en
- (30) 60/322,112 14 Sep/sep 2001 US (14.09.2001)
- (30) 09/995,240 27 Nov/nov 2001 US (27.11.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND SYSTEM FOR CONTEXT-BASED ADAPTIVE BINARY ARITHMETIC CODING
- PROCEDE ET SYSTEME DE CODAGE ARITHMETIQUE BINAIRE ADAPTATIF A BASE DE CONTEXTES
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
- (71) NOKIA INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).  
(only for / seulement pour LC)
- (72) KARCZEWICZ, Marta; 1224 Hidden Ridge, #3097, Irving, TX 75038 (US). KURCEREN, Ragip; 7914 N. MacArthur Blvd., #2043, Irving, TX 75063 (US).
- (74) MAGUIRE, Francis, J. et al. / etc.; Ware, Fressola, Van der Sluys & Adolphson LLP, 755 Main Street, P.O. Box 224, Monroe, CT 06468 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06K 9/00

- (11) WO 03/027941 (13) A1
(21) PCT/US02/30583
(22) 25 Sep/sep 2002 (25.09.2002)
(25) en (26) en
(30) 09/963,906 25 Sep/sep 2001 US (25.09.2001)
(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IMAGING DEVICE WITH FAKE FINGER DETECTION
• DISPOSITIF D'IMAGERIE DOTE D'UNE DETECTION D'UN FAUX DOIGT

(71) IDENTIX INCORPORATED [US/US]; 5600 Rowland Road, Minnetonka, MN 55343 (US).

(72) SHAPIRO, Yury; 6591 Sierra Lane, Dublin, CA 94568 (US). RYABOV, Alexandre; Gagrebsky blv. 35/28 #321, St. Petersburg, 192283 (RU).

(74) EGAN, William, J., III et al. / etc.; Fish & Richardson, P.C., 500 Arguello Street, Suite 500, Redwood City, CA 94063 (US).

(81) RU.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G06K 9/00

- (11) WO 03/027942 (13) A1
(21) PCT/US02/31175
(22) 27 Sep/sep 2002 (27.09.2002)
(25) en (26) en
(30) 09/965,906 28 Sep/sep 2001 US (28.09.2001)
(43) 3 Apr/avr 2003 (03.04.2003)

(54) • GESTURE ACTIVATED HOME APPLIANCE
• APPAREIL MENAGER A FONCTIONNEMENT GESTUEL

(71) BELLSOUTH INTELLECTUAL PROPERTY CORPORATION [US/US]; 824 Market Street, Suite 901, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROBERTS, Linda, Ann [US/US]; 819 Gardenia Lane, Decatur, GA 30033 (US). NGUYEN, Hong, Thi [US/US]; 2980 Coles Way, Atlanta, GA 30350 (US). SILVER, Edward, Michael [US/US]; 1305 University Drive, Atlanta, GA 30306 (US).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G06K 11/18, 11/20

- (11) WO 03/027943 (13) A1
(21) PCT/EP02/10478
(22) 18 Sep/sep 2002 (18.09.2002)
(25) de (26) de
(30) 101 46 470.3 21 Sep/sep 2001 DE (21.09.2001)
(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SELECTION OF SOFTWARE AND HARDWARE FUNCTIONS WITH A FORCE/TORQUE SENSOR
• SELECTION DE FONCTIONS DE LOGICIEL ET DE MATERIEL AVEC UN CAPTEUR DE FORCE/COUPLE

(71) 3DCONNEXION GMBH [DE/DE]; An der Hartmühle 8, 82229 Seefeld (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOMBERT, Bernd [DE/DE]; 3Dconnexion GmbH, An der Harmühle 8, 82229 Seefeld (DE). VON PRITTWITZ, Bernhard [DE/DE]; 3Dconnexion GmbH, An der Hartmühle 8, 82229 Seefeld (DE).

(74) RUPP, Christian; Mitscherlich & Partner, Postfach 33 06 09, 80066 München (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06K 15/00, G06F 17/60, G06K 7/10

- (11) WO 03/027944 (13) A1
(21) PCT/US02/28831
(22) 10 Sep/sep 2002 (10.09.2002)
(25) en (26) en
(30) 60/324,422 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND SYSTEM FOR NON-CONTACT AUTOMATED VERIFICATION OF THE CORRECTNESS OF THE IDENTITY OF AN ITEM HAVING AN ASSOCIATED PRIMARY IDENTIFIER

• PROCEDE ET SYSTEME POUR LA VERIFICATION AUTOMATIQUE SANS CONTACT DE L'AUTHEENTICITE DE L'IDENTITE D'UN ARTICLE A IDENTIFICATEUR PRIMAIRE ASSOCIE

(71) CHECKPOINT SYSTEMS, INC. [US/US]; 101 Wolf Drive, P.O. Box 188, Thorofare, NJ 08086 (US).

(72) SHOEMAKER, David, K.; 111 Cold Springs Drive, Kennett Square, PA 19348 (US). APPALUCCI, Lawrence; 503 Ridgeview Lane, Villanova, PA 19085 (US). MAZOKI, Gary, Thomas; 5 Pluto Drive, Sewell, NJ 08080 (US). ECKSTEIN, Eric; 101 Wolf Drive, P.O. Box 188, Thorofare, NJ 08086 (US).

(74) KASTEN, Leslie, L., Jr. et al. / etc.; Akin Gump Strauss Hauer & Feld, L.L.P., 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G06K 17/00, G11B 33/02

- (11) WO 03/027945 (13) A1
(21) PCT/JP02/09473
(22) 13 Sep/sep 2002 (13.09.2002)
(25) ja (26) ja
(30) 2001-286092 20 Sep/sep 2001 JP (20.09.2001)
(30) 2001-286150 20 Sep/sep 2001 JP (20.09.2001)
(30) 2001-288016 21 Sep/sep 2001 JP (21.09.2001)
(30) 2002-158447 31 May/mai 2002 JP (31.05.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • RECORDING OR REPRODUCING APPARATUS TO WHICH RECORDING MEDIUM IS DETACHABLY ATTACHED

• APPAREIL D'ENREGISTREMENT OU DE REPRODUCTION AUQUEL EST FIXE UN SUPPORT DE MANIERE DETACHABLE

(71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMAGISHI, Hiromasa [JP/JP]; 2-450-31, Satsukidai, Ikoma-shi, Nara 630-0221 (JP). OMOSAKO, Toru [JP/JP]; 3-27-2, Kaminoshima-cho-minami, Yao-shi, Osaka 581-0846 (JP). AKASHI, Yoshiharu [JP/JP]; 10-22-707, Nakakusunosato-cho, Daito-shi, Osaka 574-0006 (JP).

(74) MARUYAMA, Toshiyuki; 10-12, Nakamiya 4-chome, Asahi-ku, Osaka-shi, Osaka 535-0003 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> G06K 19/04

(11) WO 03/027946 (13) A1

(21) PCT/FR02/03247

(22) 24 Sep/sep 2002 (24.09.2002)

(25) fr (26) fr

(30) 01/12276 24 Sep/sep 2001 FR (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DONGLE WHICH IS INTENDED TO BE CONNECTED TO A PORT OF A TELECOMMUNICATIONS DEVICE  
• CLE ELECTRONIQUE DESTINEE A ETRE CONNECTEE A UN PORT D'UN DISPOSITIF DE TELECOMMUNICATION

(71) GEMPLUS [FR/FR]; Parc d'activité de Gémenos, Avenue du Pic de Bertagne, F-13381 Gémenos (FR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ELBAZ, Didier [FR/FR]; 103, boulevard de Saint Loup, F-13010 Marseille (FR). MOUTEL, François [FR/FR]; 17, cours Louis Blanc, F-83640 Saint Zacharie (FR).

(74) MILHARO, Emilien; Parc d'activité de Gémenos, Avenue du Pic de Bertagne, F-13381 Gémenos (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

ES FI FR GB GR IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> G06K 19/07

(11) WO 03/027947 (13) A1

(21) PCT/IL01/00907

(22) 25 Sep/sep 2001 (25.09.2001)

(25) en (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTIPLE BROADCASTING TAG AND MONITORING SYSTEMS INCLUDING THE SAME  
• SYSTEMES DE SURVEILLANCES ET BADGES EMETTEURS RADIO MULTIPLES

(71) DMATEK LTD. [IL/IL]; Habarzel Street 2, 13236 Tel Aviv (IL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GALPERIN, Natan [IL/IL]; Cholot Geulim 12, 42823 Zoran (IL). RUSMAN, Lev [IL/IL]; Ganey Aviv 19/34, 71338 LOD (IL). REISMAN, Yoav [IL/IL]; Echad Ha'am 13, 43210 Ra'anana (IL). GREITSER, Guy [IL/IL]; Gershon Shufman 10a, 34987 Haifa (IL). GEMER, Gil [IL/IL]; P.O. Box 79, 44805 Nirit (IL).

(74) AGMON, Jonathan et al. / etc.; Soroker - Agmon, Advocates and Patent Attorneys, 12th floor, Levinstein Tower, 23 Petach Tikva Road, 66184 Tel Aviv (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 NO NZ PH PL PT RO RU SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE 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).

(51)<sup>7</sup> G06K 19/073, 9/00, A61B 5/117

(11) WO 03/027948 (13) A1

(21) PCT/EP02/03244

(22) 22 Mar/mar 2002 (22.03.2002)

(25) de (26) de

(30) 201 15 536.2 20 Sep/sep 2001 DE (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PATIENT CARD

• CARTE DE PATIENT

(71, 72) NEYMANN, Peter-Joachim [DE/DE]; Kurt-Schumacher-Strasse 60, 45699 Herten (DE).

(74) SCHNEIDERS & BEHRENDT; Huesstrasse 23, 44787 Bochum (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 SI 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 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).

(51)<sup>7</sup> G06K 19/077

(11) WO 03/027949 (13) A1

(21) PCT/IB02/03867

(22) 17 Sep/sep 2002 (17.09.2002)

(25) en (26) en

(30) 101 46 804.0 22 Sep/sep 2001 DE (22.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND CIRCUIT ARRANGEMENT FOR DRIVING A DISPLAY AS WELL AS CHIP CARD WITH DISPLAY  
• PROCEDE DE COMMANDE ET AGENCEMENT DE CIRCUIT DE COMMANDE POUR ECRAN ET CARTE A PUCE RELIEE A UN ECRAN

(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) RIEMSCHEIDER, Karl-Ragnar [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SCHWARZ, Alexander [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) PETERS, Carl, H.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G06K 19/077, A45C 13/42, B64F 1/32, B65G 61/00

(11) WO 03/027950 (13) A1

(21) PCT/JP02/08725

(22) 29 Aug/août 2002 (29.08.2002)

(25) ja (26) ja

(30) 2001-266349 3 Sep/sep 2001 JP (03.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BAGGAGE TAG AND METHOD FOR USING BAGGAGE TAG  
• ETIQUETTE DE BAGAGES ET PROCEDE D'UTILISATION DE CELLE-CI

- (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) **FUJIKI, Yasutake** [JP/JP]; 2-3-1-1012, Higashi-Shinozaki, Edogawa-ku, Tokyo 133-0063 (JP). **KOGA, Yasuji** [JP/JP]; 6-14-48-203, Inari, Soka-shi, Saitama 340-0003 (JP).
- (74) **SHIGA, Masatake et al.** / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).

- (81) AU JP SG US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

- (51)<sup>7</sup> **G06K 19/10, 17/00, B42D 15/10, G07D 7/00**
- (11) **WO 03/027951** (13) A1  
(21) PCT/JP02/08741  
(22) **29 Aug/août 2002 (29.08.2002)**  
(25) ja (26) ja  
(30) 2001-260359 **29 Aug/août 2001 JP (29.08.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)

- (54) • INFORMATION RECORDING MEDIUM CAPABLE OF JUDGMENT OF FORGERY, FORGERY JUDGMENT APPARATUS, FORGERY JUDGMENT METHOD, AND PROGRAM
- SUPPORT D'ENREGISTREMENT D'INFORMATIONS PERMETTANT DE DETERMINER UNE CONTREFAÇON, APPAREIL DE DETERMINATION D'UNE CONTREFAÇON, PROCEDURE DE DETERMINATION D'UNE CONTREFAÇON, ET PROGRAMME ASSOCIE

- (71) **OLYMPUS OPTICAL CO., LTD.** [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) **SASAKI, Hiroshi** [JP/JP]; 101, Moriya-Heim II, 96-4, Ishikawamachi, Hachioji-shi, Tokyo 192-0032 (JP).
- (74) **SUZUYE, Takehiko et al.** / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN KR US.  
Published / Publiée : (c)

- (51)<sup>7</sup> **G06K 19/16, 7/10**
- (11) **WO 03/027952** (13) A1  
(21) PCT/EP02/09985  
(22) **6 Sep/sep 2002 (06.09.2002)**  
(25) de (26) de  
(30) 101 46 508.4 **21 Sep/sep 2001 DE (21.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)

- (54) • LABEL WITH A DIFFRACTIVE BAR-CODE AND READING ARRANGEMENT FOR SUCH LABELS
- ETIQUETTE MUNIE D'UN CODE-BARRES DIFFRACTIF ET SYSTEME DE LECTURE POUR DE TELLES ETIQUETTES

- (71) **OVD KINEGRAM AG** [CH/CH]; Zählerweg 12, CH-6301 Zug (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **STAUB, René** [CH/CH]; Schmiedstrasse 6, CH-6330 Cham (CH). **TOMPKIN, Wayne, Robert** [US/CH]; Oesterliwaldweg 2, CH-5400 Baden (CH). **SCHILLING, Andreas** [CH/CH]; Riedmatt 28A, CH-6300 Zug (CH). **GEHR, Peter** [CH/CH]; Burgmatt 28, CH-6340 Baar (CH).

- (74) **KÖHLER, Walter**; Louis, Pöhlau, Lohrentz & Segeth, Postfach 30 55, 90014 Nürnberg (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **G06K 19/18**
- (11) **WO 03/027953** (13) A1  
(21) PCT/CA01/01388  
(22) **3 Oct/oct 2001 (03.10.2001)**  
(25) en (26) en  
(30) 2,357,625 **24 Sep/sep 2001 CA (24.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)

- (54) • PRE-PAID PHONE CARD
- CARTE TELEPHONIQUE PREPAYEE
- (71) **POLLARD BANKNOTE LIMITED** [CA/CA]; 1499 Buffalo Place, Winnipeg, Manitoba R3T 1L7 (CA).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **SCRYMGEOUR, Lyle, Harold** [CA/CA]; Box 9 Group 4 R.R.#1, Dugald, Manitoba R0E 0K0 (CA). **BRICKWOOD, Michael, John** [CA/CA]; 3 McMahon Place, Winnipeg, Manitoba R3W 1H1 (CA).
- (74) **ADE & COMPANY**; 1700-360 Main Street, Winnipeg, Manitoba R3C 3Z3 (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 PH PL PT RO RU SD SE SG SI 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 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).

- (51)<sup>7</sup> **G06T**
- (11) **WO 03/027954** (13) A2  
(21) PCT/US02/30794  
(22) **26 Sep/sep 2002 (26.09.2002)**

- (25) en (26) en  
(30) 60/325,055 **26 Sep/sep 2001 US (26.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • VERSATILE CONE-BEAM IMAGING APPARATUS AND METHOD
- APPAREIL POLYVALENT D'IMAGERIE PAR COLLIMATEUR CONIQUE ET PROCEDURE
- (63) US 60/325,055 (CIP)  
26 Sep/sep 2001 (26.09.2001)
- (71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US]; Five Cambridge Center, Room NE25-230, Cambridge, MA 02142-1493 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **YANG, Xiaochun** [CN/US]; 43 Reservoir Street, Cambridge, MA 02138 (US).
- (74) **MIRABITO, A., Jason**; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo PC, One Financial Center, Boston, MA 02111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **G06T 3/40, G06F 19/00**
- (11) **WO 03/027955** (13) A1  
(21) PCT/US02/30293  
(22) **25 Sep/sep 2002 (25.09.2002)**  
(25) en (26) en  
(30) 09/961,350 **25 Sep/sep 2001 US (25.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)

- (54) • COMPUTER-AIDED METHOD AND SYSTEM FOR PROCESSING DIGITAL MAMMOGRAMS TO IDENTIFY ABNORMALITIES
- PROCEDURE ET SYSTEME ASSISTES PAR ORDINATEUR PERMETTANT DE TRAITER DES MAMMOGRAMMES NUMERIQUES AFIN D'IDENTIFIER DES ANOMALIES
- (71) **ICAD, INC.** [US/US]; 21 Park Avenue, Hudson, NH 03051 (US).
- (72) **WOODS, Kevin, Scott**; 11662 Fox Creek Drive, Tampa, FL 33635 (US).

- (74) **TAYLOR, Todd, P. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06T 7/00

(11) WO 03/027956 (13) A1

(21) PCT/JP02/09885

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001-291620 25 Sep/sep 2001 JP (25.09.2001)

(30) 2002-129428 30 Apr/avr 2002 JP (30.04.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PARAMETER ESTIMATION APPARATUS AND DATA COLLATING APPARATUS

- APPAREILS D'ESTIMATION ET D'ASSEMBLAGE DE DONNEES

(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) HAYATA, Keisuke [JP/JP]; 4-24-20-506, Higashi, Kunitachi-shi, Tokyo 186-0002 (JP). NAGAO, Kenji [JP/JP]; 359-21, Oba-cho, Aoba-ku, Yokohama-shi, Kanagawa 225-0023 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06T 9/00, H03M 7/46

(11) WO 03/027957 (13) A1

(21) PCT/US02/31329

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 09/968,166 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • WINDOW IDLE FRAME MEMORY COMPRESSION

- COMPRESSION MEMOIRE D'IMAGES STATIQUES DANS UNE FENETRE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) CUI, Ying; 900 High School Way #2115, Mountain View, CA 94041 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely Sokoloff Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06T 11/00

(11) WO 03/027958 (13) A1

(21) PCT/IB02/03932

(22) 24 Sep/sep 2002 (24.09.2002)

(25) it (26) en

(30) BO2001A000589 26 Sep/sep 2001 IT (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROCEDURE FOR THE SELECTION OF GROUPS OF COLOURS IN HARMONY BELONGING TO A TINTOMETRIC SYSTEM

- PROCEDE DE SELECTION DE GROUPEES DE COULEURS HARMONIEUSES APPARTENANT A UN SYSTEME TINTOMETRIQUE

(71) COROB S.P.A. [IT/IT]; Via dell'Agicoltura, 103, I-41038 S. Felice sul Panaro (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BALDONI, Davide [IT/IT]; Via Malaguti, 3, I-41034 Finale Emilia (IT). FERRETTI, Ilc [IT/IT]; Via Borghi 24, I-42042 Fabbrico (IT).

(74) PROVVISIONATO, Paolo et al. / etc.; Provvionato & Co S.r.l., Piazza di Porta Mascarella, 7, I-40126 Bologna (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G06T 15/40

(11) WO 03/027959 (13) A1

(21) PCT/JP02/09845

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001-295167 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IMAGE CREATION APPARATUS AND COMPUTER PROGRAM

- PROGRAMME INFORMATIQUE ET APPAREIL DE CREATION D'IMAGE

(71) PIONEER CORPORATION [JP/JP]; 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654 (JP).

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

(72, 75) MATSUMOTO, Reiji [JP/JP]; c/o PIONEER CORPORATION, Sougou Kenkyusyo, 1-1, Fujimi 6-chome, Tsurugashima-shi, Saitama 350-2288 (JP). ADACHI, Hajime [JP/JP]; c/o PIONEER CORPORATION, Sougou Kenkyusyo, 1-1, Fujimi 6-chome, Tsurugashima-shi, Saitama 350-2288 (JP).

(74) EGAMI, Tatsuo et al. / etc.; 4th Floor, Oak Building Kyobashi, 16-10, Kyobashi 1-chome, Chuou-ku, Tokyo 104-0031 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06T 17/00

(11) WO 03/027960 (13) A2

(21) PCT/NL02/00618

(22) 26 Sep/sep 2002 (26.09.2002)

(25) nl (26) en

(30) 1019045 26 Sep/sep 2001 NL (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND SYSTEM FOR MANUFACTURING A THREE-DIMENSIONAL OBJECT

- PROCEDE ET SYSTEME POUR LA FABRICATION D'UN OBJET TRIDIMENSIONNEL

(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) KNOPPERS, German, Enrique [NL/NL]; Delftweg 298, NL-3046 NE Rotterdam (NL). KLEYWEG, Walter, Adrianus, Gerardus [NL/NL]; Edelsteenweg 22, NL-2651 SR Berkel en Rodenrijs (NL). VAN DEN HOUT, Jeroen [NL/NL]; Decimastraat 38, NL-2315 HK Leiden (NL).

(74) PRINS, A.W.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06T 17/00

(11) WO 03/027961 (13) A2

(21) PCT/US02/24220

(22) 23 Jul/juil 2002 (23.07.2002)

(25) en (26) en

(30) 60/324,403 24 Sep/sep 2001 US (24.09.2001)

(30) 10/152,444 21 May/mai 2002 US (21.05.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS, APPARATUS AND COMPUTER PROGRAM PRODUCTS THAT RECONSTRUCT SURFACES FROM DATA POINT SETS

• PROCEDES, APPAREIL ET PRODUITS DE PROGRAMMES INFORMATIQUES PERMETTANT DE RECONSTRUIRE DES SURFACES A PARTIR D'ENSEMBLES DE POINTS DE DONNEES

(71) RAINDROP GEOMAGIC, INC. [US/US]; 617 Davis Drive, Suite 200, Durham, NC 27713 (US).

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

(72, 75) FLETCHER, G., Yates [US/US]; 104 Bridgeway Court, Cary, NC 27511 (US). GLOTH, Tobias [US/US]; 1625 Discovery Way, Durham, NC 27703 (US). EDELSBRUNNER, Herbert [US/US]; 216 Chesley Lane, Chapel Hill, NC 27514 (US). FU, Ping [US/US]; 216 Chesley Lane, Chapel Hill, NC 27514 (US).

(74) MYERS BIGEL SIBLEY & SAJOVEC; PO Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06T 17/40, 15/00

(11) WO 03/027962 (13) A1

(21) PCT/JP02/09842

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001/295140 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IMAGE CREATION APPARATUS AND METHOD, ELECTRONIC DEVICE, AND COMPUTER PROGRAM

• PROCEDE ET DISPOSITIF POUR LA CREATION D'IMAGES, APPAREIL ELECTRONIQUE, ET PROGRAMME INFORMATIQUE

(71) PIONEER CORPORATION [JP/JP]; 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654 (JP).

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

(72, 75) MATSUMOTO, Reiji [JP/JP]; c/o PIONEER CORPORATION, Sougou Kenkyusyo, 1-1, Fujimi 6-chome, Tsurugashima-shi, Saitama 350-2288 (JP). ADACHI, Hajime [JP/JP]; c/o PIONEER CORPORATION, Sougou Kenkyusyo, 1-1, Fujimi 6-chome, Tsurugashima-shi, Saitama 350-2288 (JP).

(74) EGAMI, Tatsuo et al. / etc.; 4th Floor, Oak Building Kyobashi, 16-10, Kyobashi 1-chome, Chuou-ku, Tokyo 104-0031 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06T 17/40, 15/00

(11) WO 03/027963 (13) A1

(21) PCT/JP02/09843

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001-295142 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IMAGE CREATION APPARATUS AND METHOD, AND COMPUTER PROGRAM

• APPAREIL ET PROCEDE DE CREATION D'IMAGES, PROGRAMME INFORMATIQUE ASSOCIE

(71) PIONEER CORPORATION [JP/JP]; 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654 (JP).

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

(72, 75) MATSUMOTO, Reiji [JP/JP]; c/o PIONEER CORPORATION, Sougou Kenkyusyo, 1-1, Fujimi 6-chome, Tsurugashima-shi, Saitama 350-2288 (JP). ADACHI, Hajime [JP/JP]; c/o PIONEER CORPORATION, Sougou Kenkyusyo, 1-1, Fujimi 6-chome, Tsurugashima-shi, Saitama 350-2288 (JP).

(74) EGAMI, Tatsuo et al. / etc.; 4th Floor, Oak Building Kyobashi, 16-10, Kyobashi 1-chome, Chuou-ku, Tokyo 104-0031 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06T 17/40, 15/00

(11) WO 03/027964 (13) A1

(21) PCT/JP02/09844

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001-295152 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IMAGE CREATION APPARATUS AND METHOD, ELECTRONIC DEVICE AND COMPUTER PROGRAM

• APPAREIL ET PROCEDE DE CREATION D'IMAGES, DISPOSITIF ELECTRONIQUE ET PROGRAMME INFORMATIQUE

(71) PIONEER CORPORATION [JP/JP]; 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654 (JP).

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

(72, 75) MATSUMOTO, Reiji [JP/JP]; c/o PIONEER CORPORATION, Sougou Kenkyusyo, 1-1, Fujimi 6-chome, Tsurugashima-shi, Saitama 350-2288 (JP). ADACHI, Hajime [JP/JP]; c/o PIONEER CORPORATION, Sougou Kenkyusyo, 1-1, Fujimi 6-chome, Tsurugashima-shi, Saitama 350-2288 (JP).

(74) EGAMI, Tatsuo et al. / etc.; 4th Floor, Oak Building Kyobashi, 16-10, Kyobashi 1-chome, Chuou-ku, Tokyo 104-0031 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL

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

(51)<sup>7</sup> G07B 17/00, B07C 1/20

(11) WO 03/027965 (13) A1

(21) PCT/DE02/02904

(22) 7 Aug/août 2002 (07.08.2002)

(25) de (26) de

(30) 101 46 842.3 24 Sep/sep 2001 DE (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND DEVICE FOR PRINTING MAIL, USE OF SAID DEVICE

• PROCEDE ET DISPOSITIF POUR IMPRIMER DES ENVOIS POSTAUX; UTILISATION DU DISPOSITIF

(71) DEUTSCHE POST AG [DE/DE]; Heinrich-von-Stephan-Strasse 1, 53175 Bonn (DE).

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

(72, 75) KRÜGER, Jürgen [DE/DE]; Glimkestrasse 55a, 32602 Vlotho (DE). EMRICH, Horst [DE/DE]; Stiftstrasse 64, 64367 Mühlthal (DE). ANTHONJ, Rainer [DE/DE]; St.-Peter und Paul-Strasse 10, 77652 Offenburg (DE).

(74) JOSTARNDT, Hans-Dieter; Brüsseler Ring 51, 52074 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G07C

(11) WO 03/027966 (13) A2

(21) PCT/DE02/02932

(22) 8 Aug/août 2002 (08.08.2002)

(25) de (26) de

(30) 101 46 459.2 20 Sep/sep 2001 DE (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SECURITY METHOD FOR GAINING ACCESS, ACCESS VERIFICATION DEVICE, ELEVATOR

• PROCEDE DE SECURISATION D'ACCES, DISPOSITIF DE CONTROLE D'ACCES, ASCENSEUR

(71) DEUTSCHE POST AG [DE/DE]; Heinrich-von-Stephan-Strasse 1, 53175 Bonn (DE).

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

(72, 75) PIEPER, Norbert [DE/DE]; Auf'm Roth 5, 56077 Koblenz (DE).

(74) JOSTARNDT, Hans-Dieter; Brüsseler Ring 51, 52074 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G07D 5/08, 5/02

(11) WO 03/027967 (13) A2

(21) PCT/US02/29257

(22) 12 Sep/sep 2002 (12.09.2002)

(25) en (26) en

(30) 60/324,154 21 Sep/sep 2001 US (21.09.2001)

(30) 09/972,050 5 Oct/oct 2001 US (05.10.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR COIN OR OBJECT SENSING USING ADAPTIVE OPERATING POINT CONTROL

• PROCEDE ET APPAREIL DE DETECTION DE PIECES DE MONNAIE OU D'OBJETS AU MOYEN D'UNE COMMANDE DE POINT DE FONCTIONNEMENT ADAPTATIF

(71) COINSTAR, INC. [US/US]; 1800-114th Avenue S.E., Bellevue, WA 98004 (US).

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

(72, 75) WAECHTER, Mark, L. [US/US]; 62 Nighthawk Ridge Road, Winthrop, WA 98862 (US).

(74) ARNETT, Stephen, E. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G07D 9/00

(11) WO 03/027968 (13) A1

(21) PCT/DE02/03189

(22) 30 Aug/août 2002 (30.08.2002)

(25) de (26) de

(30) 101 46 427.4 20 Sep/sep 2001 DE (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE FOR FILLING A CASH DRAWER WITH COINS

• DISPOSITIF PERMETTANT DE REMPLIR DE PIECES UN TIROIR-CAISSE

(71) WINCOR NIXDORF INTERNATIONAL GMBH [DE/DE]; Heinz-Nixdorf-Ring 1, 33106 Paderborn (DE).

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

(72, 75) TEBBE, Theodor [DE/DE]; Haselweg 2, D-33129 Delbrück (DE).

(74) WINCOR NIXDORF INTERNATIONAL GMBH; Heinz-Nixdorf-Ring 1, 33106 Paderborn (DE).

(81) AU BR CA CN ID JP KR PH RU SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> G07D 11/00

(11) WO 03/027969 (13) A1

(21) PCT/JP02/06133

(22) 19 Jun/juin 2002 (19.06.2002)

(25) ja (26) ja

(30) 2001-285075 19 Sep/sep 2001 JP (19.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BANKNOTE HANDLING DEVICE

• DISPOSITIF DE MANIPULATION DE BILLETS DE BANQUE

(71) KABUSHIKI KAISHA NIPPON CONLUX [JP/JP]; 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

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

(72, 75) ITO, Yukio [JP/JP]; c/o KABUSHIKI KAISHA NIPPON CONLUX, 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP). YAMAGISHI, Noboru [JP/JP]; c/o KABUSHIKI KAISHA NIPPON CONLUX, 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(74) KIMURA, Takahisa; 6F, Sendai Building, 8-11, Minato 1-chome, Chuo-ku, Tokyo 104-0043 (JP).

(81) CA CN KR US.

(51)<sup>7</sup> G07F 17/32

(11) WO 03/027970 (13) A2

(21) PCT/US02/31061

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/967,326 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • WIRELESS GAME PLAYER

• SYSTEME DE JEU SANS FIL

(71) IGT [US/US]; 9295 Prototype Way, Reno, NV 89510-0580 (US).

(72) WELLS, William, R.; 4450 Rio Encantado Lane, Reno, NV 89502 (US).

(74) OLYNICK, David, P.; 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 BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G07F 19/00  
(11) WO 03/027971 (13) A2  
(21) PCT/FR02/03245  
(22) 23 Sep/sep 2002 (23.09.2002)  
(25) fr (26) fr  
(30) 01/12331 25 Sep/sep 2001 FR (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • ELECTRONIC PAYMENT SYSTEM THAT IS USED TO PURCHASE GOODS OR SERVICES OFFERED BY A MERCHANT SERVER AND THE METHOD USED IN ONE SUCH SYSTEM  
• INSTALLATION DE PAIEMENT ELECTRONIQUE POUR L'ACHAT DE BIENS OU SERVICES PROPOSES PAR UN SERVEUR MARCHAND ET PROCEDE MIS EN OEUVRE DANS UNE TELLE INSTALLATION

(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) RAFFLE, Yvan [FR/FR]; 4, rue de la Gare, F-14370 Argences (FR). HANNECART, Eric [FR/FR]; 196, rue du Buisson, F-59700 Marcq en Baroeul (FR).

(74) REMY, Vincent; Cabinet Lhermet La Bigne & Remy, 191, rue Saint-Honoré, F-75001 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08B  
(11) WO 03/027972 (13) A2  
(21) PCT/US02/25671  
(22) 13 Aug/août 2002 (13.08.2002)  
(25) en (26) en  
(30) 09/961,881 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD FOR PROVIDING ENGINEERING TOOL SERVICES

• PROCEDE PERMETTANT D'OFFRIR DES SERVICES TECHNIQUES

(71) SIEMENS ENERGY & AUTOMATION, INC. [US/US]; 3333 Old Milton Parkway, Alpharetta, GA 30005-4437 (US).

(72) LO, George; 87 Elsie Drive, Plainsboro, NJ 08536 (US).

(74) RUBIN, Benjamin, M. et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).

(81) CN JP  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G08B 1/00  
(11) WO 03/027973 (13) A1  
(21) PCT/US02/30183  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) en (26) en  
(30) 09/961,103 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • EMERGENCY ALARM SYSTEM USING PULL-STATION WITH CAMERA  
• SYSTEME D'ALARME DE SECOURS UTILISANT UN AVERTISSEUR D'ALARME AVEC UNE CAMERA

(63) US 09/961,103 (CIP)  
24 Sep/sep 2001 (24.09.2001)

(71) EDWARDS SYSTEM TECHNOLOGY, INCORPORATED [US/US]; 90 Fieldstone Court, Cheshire, CT 06410 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) COSTA, Hilario, S. [US/US]; 6230 Medici Court, #103, Sarasota, FL 34243 (US). RIGHT, Robert, W. [US/US]; 3706 Gulf Drive, Holmes Beach, FL 34217 (US). BURNS, Jeffrey [US/US]; 7604 49th Avenue, E., Bradenton, FL 34203 (US).

(74) SHEEHAN, Kenneth et al. / etc.; Washington Square 1100, 1050 Connecticut Avenue, NW, Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08B 1/08, G06F 17/40  
(11) WO 03/027974 (13) A1  
(21) PCT/NZ02/00190  
(22) 23 Sep/sep 2002 (23.09.2002)  
(25) en (26) en  
(30) 514396 24 Sep/sep 2001 NZ (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • SYSTEM, METHOD AND APPARATUS FOR SENSING AND COMMUNICATING STATUS INFORMATION FROM A PORTABLE MEDICAL DEVICE  
• SYSTEME, PROCEDE ET APPAREIL PERMETTANT DE DETECTER ET DE COMMUNIQUER DES INFORMATIONS D'ETAT A PARTIR D'UN DISPOSITIF MEDICAL PORTABLE

(71) MEDTRONIC PHYSIO-CONTROL MANUFACTURING CORP. [US/US]; 11811 Willows Road Northeast, Redmond, WA 98052-1013 (US).

(72) SALTZSTEIN, William, E. ; 23436 Northeast 140th Street, Woodinville, Washington 98072 (US). TAMURA, Paul, S. ; 5048 21st

(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • INFORMATION GATHERING  
• COLLECTE D'INFORMATIONS

(71) ETELL DATA SYSTEMS LTD. [NZ/NZ]; 18 Truscott Avenue, Johnsonville, Wellington 6004 (NZ).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) TAYLOR, Roy, George [NZ/NZ]; 18 Truscott Avenue, Johnsonville, Wellington 6004 (NZ).

(74) PIETRAS, Anthony, Josef; A.J. Pietras & Associates, Level 2, Gibson Sheat Centre, 1 Margaret Street, Lower Hutt, Wellington 6009 (NZ).

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

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

(51)<sup>7</sup> G08B 1/08, A61B 5/00  
(11) WO 03/027975 (13) A1  
(21) PCT/US02/23314  
(22) 18 Jul/juil 2002 (18.07.2002)  
(25) en (26) en  
(30) 09/963,100 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD FOR PROVIDING ENGINEERING TOOL SERVICES

(71) MEDTRONIC PHYSIO-CONTROL MANUFACTURING CORP. [US/US]; 11811 Willows Road Northeast, Redmond, WA 98052-1013 (US).

(72) SALTZSTEIN, William, E. ; 23436 Northeast 140th Street, Woodinville, Washington 98072 (US). TAMURA, Paul, S. ; 5048 21st

- Avenue Northeast, Seattle, Washington 98 105-3331 (US). NOVA, Richard, C. ; 1205 Kirkland Avenue, Kirkland, Washington 98033 (US). BERTAGNOLE, Shawn, R.; 502-123rd Avenue Southeast, Lake Stevens, Washington 98258 (US).
- (74) SHIGETA, Scott, Y. ; Christensen O'Connor Johnson & Kidness PLLC, 1420 Fifth Avenue, Suite 2800, Seattle, Washington 98101 (US).
- (81) CN IL IN JP RU.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> G08B 5/22
- (11) WO 03/027976 (13) A1
- (21) PCT/IB02/03729
- (22) 10 Sep/sep 2002 (10.09.2002)
- (25) en (26) en
- (30) 09/962,650 25 Sep/sep 2001 US (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND APPARATUS TO AID IN VIEWING INFORMATION ON A PORTABLE DEVICE
- PROCEDE ET APPAREIL D'ASSISTANCE A LA VISUALISATION D'INFORMATIONS SUR UN DISPOSITIF PORTATIF
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) EPSTEIN, Michael, A.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> G08B 13/194, E05F 15/20, G08B 21/22
- (11) WO 03/027977 (13) A1
- (21) PCT/SE02/01753
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 0103225-9 28 Sep/sep 2001 SE (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND SYSTEM FOR INSTALLATION OF A MONITORING UNIT
- PROCEDE ET SYSTEME D'INSTALLATION D'UNE UNITE DE SURVEILLANCE
- (71) WeSpot AB (ORG NO. 556576-5822) [SE/SE]; Scheelevägen 19C, S-223 70 Lund (SE).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ESPING, Stefan [SE/SE]; Nämndemansvägen 16, S-246 39 Löddeköpinge (SE). GUSTAFSSON, Peter [SE/SE]; Kulgränden 11D, D:326, S-226 49 Lund (SE). HOVANG, Dan [SE/SE]; Mölllevångsvägen 14, S-222 40 Lund (SE). ELFVING, Mats [SE/SE]; Sakföreläsvägen 18, S-226 57 Lund (SE). AKHLAGI, Noroz [SE/SE]; Sjöstorp 11, S-240 10 Dalby (SE).
- (74) ASKETORP, Göran, P.; Anoto AB, Scheelevägen 19C, S-223 70 Lund (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G08B 17/00, 17/10, H04M 11/04
- (11) WO 03/027978 (13) A1
- (21) PCT/SE02/01581
- (22) 5 Sep/sep 2002 (05.09.2002)
- (25) sv (26) en
- (30) 0102947-9 6 Sep/sep 2001 SE (06.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ALARM ARRANGEMENT
- ARRANGEMENT D'ALARME
- (71, 72) HJALMARSSON, Jan [SE/SE]; Stallgatan 3, S-280 60 Broby (SE).
- (74) AWAPATENT AB; Box 5117, S-200 71 Malmö (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G08B 17/107, 17/10, 21/00
- (11) WO 03/027979 (13) A1
- (21) PCT/GB02/04230
- (22) 17 Sep/sep 2002 (17.09.2002)
- (25) en (26) en
- (30) 0123038.2 25 Sep/sep 2001 GB (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HIGH SENSITIVITY PARTICLE DETECTION
- DETECTION TRES SENSIBLE DE PARTICULES
- (71) KIDDE PLC [GB/GB]; Mathisen Way, Colnbrook, Slough SL3 OHB (GB).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BELL, Kenneth, Frazer [GB/GB]; 21 Hambleton Hill, Epsom, Surrey KT18 7BZ (GB). GILMORE, Justin [GB/GB]; 22A Penton Avenue, Staines, Middlesex TW18 2ND (GB).
- (74) MATHISEN & MACARA; The Coach House, 6-8 Swakeleys Road, Ickenham, Uxbridge UB10 8BZ (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G08B 17/12, 17/10
- (11) WO 03/027980 (13) A1
- (21) PCT/US02/29858
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) en (26) en
- (30) 60/323,824 21 Sep/sep 2001 US (21.09.2001)
- (30) 10/186,446 1 Jul/juil 2002 US (01.07.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • A FIRE DETECTION SYSTEM
- SYSTEME DE DETECTION D'INCENDIE
- (71) ROSEMOUNT AEROSPACE, INC. [US/US]; 14300 Judicial Road, Burnsville, MN 55306-4898 (US).
- (72) MILLER, Mark, S.; 4899 149th Court, Apple Valley, MN 55124 (US). WIEGELE, Thomas, G.; 14105 Flintwood Way, Apple Valley, MN 55124 (US).
- (74) ZITELLI, William, E.; Calfee, Halter & Griswold LLP, 1400 McDonald Investment Center, 800 Superior Avenue, Cleveland, OH 44114 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G08B 23/00

(11) WO 03/027981 (13) A1

(21) PCT/US02/30908



(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,631 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MONITORING METHOD AND SYSTEM

• PROCEDE ET SYSTEME DE SURVEILLANCE

(63) US 60/325,631 (CON)  
27 Sep/sep 2001 (27.09.2001)

(71, 72) XYDIS, Thomas, G. [US/US]; 6351 Hallenbeck Highway, Manitou Beach, MI 49253 (US).

(74) KALLIS, James, N. et al. / etc.; Brooks &amp; Kushman, 1000 Town Center, Twenty-Second Floor, Southfield, MI 48075 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08B 25/00, H04N 9/47

(11) WO 03/027982 (13) A2

(21) PCT/US02/30181

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/961,104 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ALARM PULL-STATION WITH CAMERA

• AVERTISSEUR D'ALARME AVEC CAMERA

(63) US 09/961,104 (CIP)  
24 Sep/sep 2001 (24.09.2001)

(71) EDWARDS SYSTEMS TECHNOLOGY, INCORPORATED [US/US]; 90 Fieldstone Court, Chesire, CT 06410 (US).

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

(72, 75) COSTA, Hilario, S. [US/US]; 6230 Medici Court, #103, Sarasota, FL 34243 (US). RIGHT, Robert, W. [US/US]; 3706 Gulf Drive, Holmes Beach, FL 34217 (US). BURNS, Jeffrey [US/US]; 7604 49th Avenue, E., Bradenton, FL 34203 (US).

(74) SHEEHAN, Kenneth et al. / etc.; Baker &amp; Hostetler LLP, Washington Square 1100, 1050 Connecticut Avenue, NW, Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08B 29/04

(11) WO 03/027983 (13) A1

(21) PCT/NL02/00625

(22) 26 Sep/sep 2002 (26.09.2002)

(25) nl (26) en

(30) 1019039 26 Sep/sep 2001 NL  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SURVEILLANCE DETECTOR

• DETECTEUR DE SURVEILLANCE

(71) INTERLOGIX B.V. [NL/NL]; Kelvinstraat 7, NL-6003 DH Weert (NL).

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

(72, 75) PANTUS, Math [NL/NL]; Klingbeenden 25, NL-6441 KT Brunssum (NL). JULICHER, John [NL/NL]; Swalmzicht 27, NL-6071 HL Swalmen (NL). WOEZIK, VAN, Jan [NL/NL]; Oude Peelstraat 47, NL-5759 PB Helenaveen (NL). DEUSINGS, Maurice [NL/NL]; Bornerkapelstraat 6, NL-6121 HM Born (NL).

(74) HOOIVELD, Arjen, Jan, Winfried; Arnold &amp; Siedsma, Sweelincplein 1, NL-2517 GK The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08C 17/00

(11) WO 03/027984 (13) A2

(21) PCT/DE02/03650

(22) 26 Sep/sep 2002 (26.09.2002)

(25) de (26) de

(30) 101 47 490.3 26 Sep/sep 2001 DE  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR MONITORING AN AUTOMATION UNIT

• PROCEDE DE SURVEILLANCE D'UNE INSTALLATION D'AUTOMATISATION

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) BECKER, Peter [DE/DE]; Wilhelm-Busch-Str. 2, 76571 Gaggenau (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08G

(11) WO 03/027985 (13) A2

(21) PCT/US02/27682

(22) 29 Aug/août 2002 (29.08.2002)

(25) en (26) en

(30) 09/966,146 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD FOR IDENTIFICATION OF TRAFFIC LANE POSITIONS

• SYSTEME ET PROCEDE D'IDENTIFICATION DES POSITIONS DES VOIES DE CIRCULATION

(71) WAVETRONIX, LLC [US/US]; 5314 North 250 West, Suite 110, Provo, UT 84604 (US).

(72) WAITE, Jonathan, L.; 148 East 1600 South, Orem, UT 84058 (US). KARLINSKY, Thomas, William; 668 North 450 East, Orem, UT 84097 (US). ARNOLD, David, V.; 1015 West 1150 South, Provo, UT 84601 (US).

(74) STRINGHAM, John, C. et al. / etc.; Workman, Nydegger &amp; Seeley, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08G 1/01, H01Q 1/42

(11) WO 03/027986 (13) A1

(21) PCT/US02/27630

(22) 29 Aug/août 2002 (29.08.2002)

(25) en (26) en

(30) 09/964,668 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • VEHICULAR TRAFFIC SENSOR

• ANALYSEUR DE TRAFIC DE VEHICULES

(71) WAVETRONIX, LLC [US/US]; 5314 North 250 West, Suite 110, Provo, UT 84604 (US).

(72) **ARNOLD, David, V.**; 1015 West 1150 South, Provo, UT 84601 (US). **HARRIS, Logan**; 215 North 910 East, Lindon, UT 84042 (US). **JENSEN, Michael**; 957 East 230 North, Lindon, UT 84042 (US). **KARLINSEY, Thomas, William**; 668 North 450 East, Orem, UT 84097 (US). **SMITH, Ryan**; 510 West 90 South, Salem, UT 84653 (US). **WAITE, Jonathan, L.**; 148 East 1600 South, Orem, UT 84058 (US). **DOUGALL, John, B., Jr.**; 4698 Alpine Circle, Highland, UT 84003 (US).

(74) **STRINGHAM, John, C. et al. / etc.**; Workman, Nydegger & Seecley, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G09B

(11) WO 03/027987 (13) A2

(21) PCT/US02/29970

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 09/961,792 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MANNEQUIN JOINTS

- ARTICULATIONS POUR MANNEQUINS

(71) **FUSION SPECIALTIES, INC.** [US/US]; 2400 Industrial Lane, Broomfield, CO 80020-1642 (US).

(72) **TALARIC, James**; 638 Manorwood Lane, Louisville, CO 80027 (US). **BARBER, James**; 6099 Brigadoon Drive, Longmont, CO 80503 (US). **VARNER, Richard**; 6455 Saddleback Avenue, Longmont, CO 80504 (US).

(74) **WINNER, Ellen, P. et al. / etc.**; Greenlee, Winner and Sullivan, P.C., Suite 201, 5370 Manhattan Circle, Boulder, CO 80303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G09B 5/00, 19/00, G11B 20/00, A61F 13/00

(11) WO 03/027988 (13) A1

(21) PCT/RU02/00144

(22) 1 Apr/avr 2002 (01.04.2002)

(25) ru (26) ru

(30) 2001126335 28 Sep/sep 2001 RU (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR WORKING OUT THE BEHAVIOURAL STRATEGY OF A PLAYER USING A COGNITIVE VIRTUAL REALITY, DEVICE FOR CARRYING OUT SAID METHOD AND AN INFORMATION-CARRYING MEDIUM FOR SAID DEVICE

- PROCÉDE D'ÉLABORATION DE LA STRATÉGIE COMPORTEMENTALE D'UN JOUEUR UTILISANT UNE RÉALITÉ VIRTUELLE COGNITIVE, DISPOSITIF CORRESPONDANT ET SUPPORT D'INFORMATIONS POUR CE DISPOSITIF

(71, 72) **UTOLIN, Konstantin Vladimirovich** [RU/RU]; ul. Avtozavodskaya, 5-12, Moscow, 109289 (RU).

(74) **LEONOV, Alexandr Vladimirovich**; ZAO "IPPro", a/ya 27, Moscow, 107113 (RU).

(81) AU BG BR CA CH CN CZ DE GB IL IN JP KR NO PL SE SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> G09B 5/00

(11) WO 03/027989 (13) A1

(21) PCT/US02/29355

(22) 17 Sep/sep 2002 (17.09.2002)

(25) en (26) en

(30) 09/960,817 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ON-LINE HOMEWORK SOLUTION SYSTEM

- SYSTÈME DE SOLUTION EN LIGNE POUR DEVOIRS À LA MAISON

(71, 72) **PATTERSON, Pamela** [US/US]; 30111 Saddleridge Drive, San Juan Capistrano, CA 92675 (US).

(74) **O'NEILL, James, G.**; Suite 510, 2 Park Plaza, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

## Declaration / Déclaration :

(r) for all designations / pour toutes les désignations

(51)<sup>7</sup> G09F

(11) WO 03/027990 (13) A2

(21) PCT/US02/29191

(22) 13 Sep/sep 2002 (13.09.2002)

(25) en (26) en

(30) 09/964,320 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • GOBO PROJECTOR FOR A VEHICLE  
• PROJECTEUR DE GOBO POUR VÉHICULE

(71, 72) **GRUTZE, Glen, A.** [US/US]; P.O. Box 2101, Sapulpa, OK 74067 (US).

(74) **HOLMES, Fred, H.**; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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 SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G09F 5/04, G01N 33/53, C12N 15/09, B42D 1/00, 15/00 // C07H 21/04

(11) WO 03/027991 (13) A1

(21) PCT/JP02/09766

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 2001-291249 25 Sep/sep 2001 JP (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PRINTED MATERIALS COMPRISING A SUPPORT HAVING AN OLIGOMER AND/OR A POLYMER APPLIED THEREON, A METHOD FOR PREPARING THE SAME AND A METHOD FOR DELIVERING AND/OR STORING THE SAME

- MATÉRIAUX IMPRIMÉS COMPRENANT UN SUPPORT RECOUVERT D'UN OLIGOMÈRE ET/OU D'UN POLYMÈRE, LEUR PROCÉDE DE PRÉPARATION ET LEUR PROCÉDE DE DISTRIBUTION ET/OU DE STOCKAGE

(71) **KABUSHIKI KAISHA DNAFORM** [JP/JP]; 3-35, Mita 1-chome, Minato-ku, Tokyo 108-0073 (JP). **RIKEN** [JP/JP]; 2-1, Hiro-sawa, Wako-shi, Saitama 351-0198 (JP). (*for all designated States except / pour tous les États désignés sauf US*)

(72, 75) **HAYASHIZAKI, Yoshihide** [JP/JP]; 22-8, Inarimae, Tsukuba-shi, Ibaraki 305-0061 (JP).

(74) **MAYAMA, Setsuko et al.** / etc.; Nohki-kaikan Fourth Floor, 30-1, Tsuruya-cho 3-chome, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0835 (JP).

(81) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> **G09F 11/00, 19/02**

(11) **WO 03/027992** (13) A1

(21) PCT/JP02/03316

(22) **2 Apr/avr 2002 (02.04.2002)**

(25) ja (26) ja

(30) 2001-286932 **20 Sep/sep 2001** JP (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DISPLAY UNIT  
• UNITE D'AFFICHAGE

(71) **TOKAIRIKEN CO., LTD.** [JP/JP]; 599, Taniguchi, Mugegawa-cho, Mugi-gun, Gifu 501-2698 (JP). (*for all designated States except / pour tous les États désignés sauf US*)

(72, 75) **YAMADA, Yoshihiro** [JP/JP]; c/o TOKAIRIKEN CO., LTD., 599, Taniguchi, Mugegawa-cho, Mugi-gun, Gifu 501-2698 (JP). **SEGI, Nobuhiko** [JP/JP]; c/o DATA-SYSTEM CO., LTD., 2-12-1, Kotobuki-cho, Kanoh, Gifu-shi, Gifu 500-8465 (JP).

(74) **TOMIZAWA, Takashi et al.** / etc.; 2nd Floor, Nagoya Center Building, Annex, 2-22, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP).

(81) AU JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> **G09F 13/34**

(11) **WO 03/027993** (13) A1

(21) PCT/KR01/02286

(22) **28 Dec/déc 2001 (28.12.2001)**

(25) ko (26) en

(30) 2000/86965 **30 Dec/déc 2000** KR (30.12.2000)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AN ADVERTISING APPARATUS USING A LIGHT SWITCHING DEVICE  
• APPAREIL DE PUBLICITE METTANT EN OEUVRE UN DISPOSITIF DE COM-MUTATION

(71, 72) **JEON, Young, Jae** [KR/KR]; 1512, Kyungwon heitztel, 5, Chongdam, 2-Dong, Kangnam-Ku, Seoul 135-948 (KR).

(74) **PARK, Jong, Man**; Seoultech Int'l Patent & Law Firm, 2Fl., Kumma Bldg. 827-24

Yeoksam-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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TN 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 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).

(51)<sup>7</sup> **G09G**

(11) **WO 03/027994** (13) A2

(21) PCT/IB02/03967

(22) **26 Sep/sep 2002 (26.09.2002)**

(25) en (26) en

(30) 09/963,193 **26 Sep/sep 2001** US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DISPLAY SYSTEM COMPRISING A VIDEO PROCESSOR  
• SYSTEME D'AFFICHAGE COMPRE-NANT UN PROCESSEUR VIDEO

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

(72) **MILLER, William, G.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LARAMIE, Mark**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KECK, Gregg, W.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> **G09G 3/28**

(11) **WO 03/027995** (13) A2

(21) PCT/FR02/03214

(22) **20 Sep/sep 2002 (20.09.2002)**

(25) fr (26) fr

(30) 01/12588 **26 Sep/sep 2001** FR (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR VIDEO IMAGE DISPLAY ON A DISPLAY DEVICE FOR CORRECTING LARGE ZONE FLICKER AND CONSUMPTION PEAKS  
• PROCEDE D'AFFICHAGE D'IMAGES VIDEO SUR UN DISPOSITIF D'AF-FICHAGE POUR CORRIGER LE PA-PILLOTEMENT LARGE ZONE ET LES PICS DE CONSOMMATION

(71) **THOMSON LICENSING SA** [FR/FR]; 46, quai Alphonse Le Gallo, F-92100 Boulogne (FR).

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

(72, 75) **DOYEN, Didier** [FR/FR]; La Débinerie, F-35340 La Bouexiere (FR). **HOELZE-MANN, Herbert** [DE/DE]; Zum Dornbach 9, 57629 Merkelbach (DE). **KERVEEC, Jonathan** [FR/FR]; 3, avenue de Bretagne, F-35850 Geveze (FR).

(74) **COUR, Pierre et al.** / etc.; Thomson multi-media, 46, quai Alphonse Le Gallo, F-92100 Boulogne Billancourt (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

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

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

(51)<sup>7</sup> **G09G 3/28**

(11) **WO 03/027996** (13) A1

(21) PCT/US02/10446

(22) **4 Apr/avr 2002 (04.04.2002)**

(25) en (26) en

(30) 09/949,982 **12 Sep/sep 2001** US (12.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF DRIVING CAPILLARY DISCHARGE PLASMA DISPLAY PANEL FOR IMPROVING POWER EFFICIENCY

• PROCEDE DE COMMANDE D'UN PANNEAU D'AFFICHAGE AU PLASMA DE DECHARGE CAPIL-LAIRE PERMETTANT D'AMELIORER L'EFFICACITE ENERGETIQUE

(71) **PLASMION DISPLAYS, LLC** [US/US]; 2840 Hershberger Road, Roanoke, VA 24017 (US).

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

(72, 75) **SHIN, Bhum, Jae** [KR/US]; 200 Union Avenue, #B, Rutherford, NJ 07070 (US). **YU, Dong, Woo** [US/US]; 2 Blanche Avenue, Demarest, NJ 07627 (US). **KIM, Steven** [US/US]; 228 Blanch Avenue, Harrington Park, NJ 07640 (US). **MARTIN, Michael, D.** [US/US]; 28 Avenue at Port Imperial, Apt. 340, West New York, NJ 07093 (US). **KOKONASKI, William** [US/US]; 1807 44 Street CT NW, Gig Harbour, WA 98335 (US).

- (74) **BOSWELL, Mary, Jane 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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).
- 
- (51)<sup>7</sup> G09G 3/30, 3/20, G09F 9/30, H01L 29/786, H05B 33/14
- (11) WO 03/027997 (13) A1
- (21) PCT/JP02/09354
- (22) 12 Sep/sep 2002 (12.09.2002)
- (25) ja (26) ja
- (30) 2001/289983 21 Sep/sep 2001 JP (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DISPLAY APPARATUS AND ITS DRIVING METHOD
- ECRAN ET PROCEDE DE FONCTIONNEMENT ASSOCIE
- (71) **SEMICONDUCTOR ENERGY LABORATORY CO., LTD.** [JP/JP]; 398, Hase, Atsugi-shi, Kanagawa 243-0036 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KIMURA, Hajime** [JP/JP]; c/o Semiconductor Energy Laboratory Co., Ltd., 398, Hase, Atsugi-shi, Kanagawa 243-0036 (JP).
- (74) **FUKUDA, Kenzo et al. / etc.;** Kashiwaya Bldg. 2F, 6-13, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G09G 3/30, 3/20, H05B 33/12
- (11) WO 03/027999 (13) A1
- (21) PCT/JP02/09922
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) ja (26) ja
- (30) 2001-295157 26 Sep/sep 2001 JP (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PLANAR DISPLAY APPARATUS
- AFFICHEUR PLAT
- (71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **INOUE, Masataka** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). **MURATA, Haruhiko** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). **MORI, Yukio** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). **YAMASHITA, Atsuhiko** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). **KINOSHITA, Shigeo** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).
- 
- (51)<sup>7</sup> G09G 3/30, 3/20, H03M 1/74
- (11) WO 03/027998 (13) A1
- (21) PCT/JP02/09668
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) ja (26) ja
- (30) 2001/291598 25 Sep/sep 2001 JP (25.09.2001)
- (30) 2001/332196 30 Oct/oct 2001 JP (30.10.2001)
- (30) 2002/136157 10 May/mai 2002 JP (10.05.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • EL DISPLAY PANEL AND EL DISPLAY APPARATUS COMPRISING IT
- ECRAN ELECTROLUMINESCENT ET DISPOSITIF D’AFFICHAGE ELECTROLUMINESCENT COMPRENANT CELUI-CI
- (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) **YAMANO, Atsuhiko** [JP/JP]; 2-26-5, Daiwahigashi, Kawanishi-shi, Hyogo 666-0001 (JP). **TAKAHARA, Hiroshi** [JP/JP]; 1011-1-345-C-345, Oaza Uzumasa, Neyagawa-shi, Osaka 572-0807 (JP). **TSUGE, Hitoshi** [JP/JP]; 16-1-314, Miyamaeche, Kadoma-shi, Osaka 571-0074 (JP).
- (74) **SUMIDA, Yoshihiro et al. / etc.;** Arco Patent Office, 3rd Fl., Bo-eki Bldg., 123-1, Higashimachi, Chuo-ku, Kobe-shi, Hyogo 650-0031 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G09G 3/34, 5/00, H03M 11/00, G08C 21/00
- (11) WO 03/028000 (13) A1
- (21) PCT/US02/28932
- (22) 11 Sep/sep 2002 (11.09.2002)
- (25) en (26) en
- (30) 60/324,146 21 Sep/sep 2001 US (21.09.2001)
- (30) 10/055,474 23 Jan/jan 2002 US (23.01.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ADAPTABLE KEYPAD AND BUTTON MECHANISM THEREFOR
- CLAVIER ADAPTABLE ET SYSTEME DE BOUTONS CORRESPONDANT
- (71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **TRACY, James, L.;** 4626 N.W. 57th Lane, Coral Springs, FL 33067 (US). **ZOLLO, James, A.;** 4014 Staghorn Lane, Weston, FL 33331 (US). **VAKIL, Bharat, N.;** 380 N.W. 101 Terrace, Coral Springs, FL 33071 (US).
- (74) **GARRETT, Scott, M. et al. / etc.;** 8000 West Blvd., Room 1610, Fort Lauderdale, FL 33322 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G09G 5/00
- (11) WO 03/028001 (13) A1
- (21) PCT/KR02/01780
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) en (26) en
- (30) 2001-0059058 24 Sep/sep 2001 KR (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND PHARMACEUTICAL COMPOSITION FOR INDUCING CANCER CELL-SPECIFIC APOPTOSIS BY COMBINATION WITH TNF FAMILY PROTEINS AND FLAVOPIRIDOL
- METHODE ET COMPOSITION PHARMACEUTIQUE INDUISANT L’APOPTOSE SPECIFIQUE DES CELLULES CANCEREUSES COMBINANT DES PROTEINES DE LA FAMILLE DU TNF ET DU FLAVOPIRIDOL

(71) **LG LIFE SCIENCES LTD.** [KR/KR]; LG Twin Tower, East Tower, 20, Yoido-dong, Youngdungpo-gu, 150-721 SEOUL (KR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JEONG, Shin-wu** [KR/KR]; 6-202 LG Apt., Doryong-dong, Yuseong-gu, 305-340 DAEJEON (KR). **KIM, Dong-myung** [KR/KR]; 302-305 Songgang Green Apt. Songgang-dong, Yuseong-gu, 305-751 DAEJEON (KR). **KOO, Sung-young** [KR/KR]; Development Drug Reserch institute, LGCI Life Science 104-1, Munji-dong, Yuseong-gu, 305-380 DAEJEON (KR). **LEE, Jin-ho** [KR/KR]; Development Drug Reserch institute, LGCI Life Science 104-1, Munji-dong, Yuseong-gu, 305-380 DAEJEON (KR). **HONG, Chang-yong** [KR/KR]; Development Drug Reserch institute, LGCI Life Science 104-1, Munji-dong, Yuseong-gu, 305-380 DAEJEON (KR).

(74) **CHO, In-jae**; NEWKOREA INTERNATIONAL PATENT & LAW OFFICE, 3rd Fl., Janghyun Bldg., 637-23, Yeoksam-dong, Gangnam-gu, 135-909 SEOUL (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G09G 5/00**

(11) **WO 03/028002** (13) A1

(21) PCT/US02/25413

(22) **9 Aug/août 2002 (09.08.2002)**

(25) en (26) en

(30) 60/326,537 **24 Sep/sep 2001** US (24.09.2001)

(30) 10/190,230 **3 Jul/juil 2002** US (03.07.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND SYSTEM FOR PROVIDING TACTICAL INFORMATION DURING CRISIS SITUATIONS

• PROCEDE ET SYSTEME DE FOURNITURE D'INFORMATIONS TACTIQUES EN SITUATION DE CRISE

(71) **TACTICAL SURVEY GROUP, INC.** [US/US]; P.O. Box 129, Crestline, CA 92325 (US).

(72) **LARSEN, Steve**; P.O. Box 129, Crestline, CA 92325 (US).

(74) **KIM, Richard, C.** et al. / etc.; Morrison & Foerster LLP, Suite 500, 3811 Valley Centre Drive, San Diego, CA 92130-2332 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G09L**

(11) **WO 03/028003** (13) A2

(21) PCT/EP02/10473

(22) **18 Sep/sep 2002 (18.09.2002)**

(25) de (26) de

(30) 101 46 473.8 **21 Sep/sep 2001** DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMBINED POSITION AND TORQUE SENSOR

• DETECTEUR COMBINE DE POSITION ET DE COUPLE

(71) **3DCONNEXION GMBH** [DE/DE]; An der Hartmühle 8, 82229 Seefeld (DE).

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

(72, 75) **GOMBERT, Bernd** [DE/DE]; 3Dconnexion GmbH, An der Hartmühle 8, 82229 Seefeld (DE).

(74) **RUPP, Christian**; Mitscherlich & Partner, Postfach 33 06 09, 80066 München (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G10H 1/00**

(11) **WO 03/028004** (13) A2

(21) PCT/US01/45569

(22) **24 Oct/oct 2001 (24.10.2001)**

(25) en (26) en

(30) 09/965,051 **26 Sep/sep 2001** US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND SYSTEM FOR EXTRACTING MELODIC PATTERNS IN A MUSICAL PIECE AND COMPUTER-READABLE STORAGE MEDIUM HAVING A PROGRAM FOR EXECUTING THE METHOD

• PROCEDE ET SYSTEME D'EXTRACTION DE MODELES MELODIQUES DANS UN MORCEAU MUSICAL ET SUPPORT D'ENREGISTREMENT LISIBILE PAR ORDINATEUR AYANT UN PROGRAMME D'EXECUTION DUDIT PROCEDE

(71) **THE REGENTS OF THE UNIVERSITY OF MICHIGAN** [US/US]; 3003 South State Street, Ann Arbor, MI 48109 (US).

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

(72, 75) **BIRMINGHAM, William, P.** [US/US]; 3303 The Glade, Ann Arbor, MI 48103 (US). **MEEK, Colin, J.** [CA/US]; 801 Miller Street, Apt. 9, Ann Arbor, MI 48103 (US).

(74) **SYROWIK, David, R.** et al. / etc.; Brooks & Kushman, 22nd floor, 1000 Town Center, Southfield, MI 48075 (US).

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

(51)<sup>7</sup> **G10H 7/08**

(11) **WO 03/028005** (13) A2

(21) PCT/FR02/03291

(22) **26 Sep/sep 2002 (26.09.2002)**

(25) fr (26) fr

(30) 01/12384 **26 Sep/sep 2001** FR (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR CHARACTERIZING THE TIMBRE OF A SOUND SIGNAL IN ACCORDANCE WITH AT LEAST A DESCRIPTOR

• PROCEDE DE CARACTERISATION DU TIMBRE D'UN SIGNAL SONORE SELON AU MOINS UN DESCRIPTEUR

(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) **PEETERS, Geoffroy** [FR/BE]; 12, allée Vivaldi, F-75012 Paris (FR). **McADAMS, Stephen** [FR/US]; 41, rue Charles de Gaulle, F-95170 Deuil-la-Barre (FR). **KRIMPHOFF, Jochen** [FR/DE]; 3 bis, rue Bleue, F-75009 Paris (FR). **SUSINI, Patrick** [FR/FR]; 282, rue des Pyrénées, F-75020 Paris (FR). **MISDARIS, Nicolas** [FR/FR]; 196 bis, rue Raymond Losserand, F-75014 Paris (FR). **SMITH, Bennett** [FR/US]; 24, rue Saint-Martin, F-75004 Paris (FR).

(74) **BENTZ, Jean-Paul** et al. / etc.; Cabinet Ballot, 122, rue Edouard Vaillant, F-92593 Levallois-Perret Cedex (FR).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> **G10K 11/00**

(11) **WO 03/028006** (13) A2

(21) PCT/US02/30294

(22) **24 Sep/sep 2002 (24.09.2002)**

(25) en (26) en

(30) 60/324,837 **24 Sep/sep 2001** US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • SELECTIVE SOUND ENHANCEMENT  
• AMELIORATION SONORE SELEC-  
TIVE
- (71) CLARITY, LLC [US/US]; 3290 West Big  
Beaver Road, Suite 220, Troy, MI 48084  
(US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) GONOPOLSKIY, Aleksandr, L.  
[UA/US]; 26150 West Twelve Mile Road,  
Apartment #C48, Southfield, MI 48034 (US).
- (74) CHUEY, Mark, D. et al. / etc.; Brooks &  
Kushman, 1000 Town Center, Twenty-Second  
floor, Southfield, MI 48075 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G10K 11/178
- (11) WO 03/028007 (13) A1
- (21) PCT/US02/30408
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) en (26) en
- (30) 60/324,699 25 Sep/sep 2001 US  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MODULAR ACTIVE NOISE CANCEL-  
LATION AIR FILTER SPEAKER AND  
MICROPHONE ASSEMBLY  
• ENSEMBLE MODULAIRE HAUT-PAR-  
LEUR, MICROPHONE ET FILTRE A  
AIR POUR LA REDUCTION ACTIVE  
DU BRUIT
- (71) SIEMENS VDO AUTOMOTIVE INC.  
[CA/CA]; 700 Park Avenue East, Chatham,  
Ontario N7M 5M7 (CA).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) CHIARA, Brian [US/US]; 3398 Lu-  
anne, Commerce Township, MI 48382 (US).
- (74) SLENZAK, Laura, M.; Keller, Elsa,  
Siemens Corporation, 186 Wood Avenue  
South, Iselin, NJ 08830 (US) et al. / etc.
- (81) DE US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> G10L 11/02
- (11) WO 03/028008 (13) A1
- (21) PCT/US02/28358
- (22) 5 Sep/sep 2002 (05.09.2002)
- (25) en (26) en
- (30) 09/963,177 25 Sep/sep 2001 US  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PROBABILISTIC NETWORKS FOR  
DETECTING SIGNAL CONTENT  
• RESEAUX PROBABILISTES POUR DE-  
TECTER LE CONTENU DE SIGNAUX
- (71) INTEL CORPORATION [US/US]; 2200  
Mission College Boulevard, Santa Clara, CA  
95052 (US).
- (72) EREN, Murat; 38 Eugene Place, Belleville,  
NJ 07109 (US). LIKHACHEV, Maxim;  
3610 The Valley, Atlanta, GA 30328 (US).
- (74) MALLIE, Michael, J.; Blakely, Sokoloff,  
Taylor & Zafman, 12400 Wilshire Boulevard,  
7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G10L 11/06
- (11) WO 03/028009 (13) A1
- (21) PCT/US02/26904
- (22) 23 Aug/août 2002 (23.08.2002)
- (25) en (26) en
- (30) 09/965,400 27 Sep/sep 2001 US  
(27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PERCEPTUALLY WEIGHTED SPEECH  
CODER  
• CODEUR VOCAL A PERCEPTION  
PONDEREE
- (71) MOTOROLA, INC. [US/US]; 1303 East  
Algonquin Road, Schaumburg, IL 60196  
(US).
- (72) ADUT, Victor; 717 Irving Avenue, Apt. 208,  
Woodstock, IL 60098 (US).
- (74) MANCINI, Brian, M., et al. / etc.; Mo-  
torola, Inc., Intellectual Property Dept., 1303  
East Algonquin Road, Schaumburg, IL 60196  
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G10L 13/00, 13/04, 13/08
- (11) WO 03/028010 (13) A1
- (21) PCT/US02/26901
- (22) 23 Aug/août 2002 (23.08.2002)
- (25) en (26) en
- (30) 09/962,747 25 Sep/sep 2001 US  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • TEXT-TO-SPEECH NATIVE CODING  
IN A COMMUNICATION SYSTEM  
• CODAGE DE CONVERSION  
TEXTE-VOIX DANS UN SYSTEME  
DE COMMUNICATION
- (71) MOTOROLA, INC. [US/US]; 1303 East  
Algonquin Road, Schaumburg, IL 60196  
(US).
- (72) WU, Bin; 2086 St. Johns Avenue, #304,  
Highland Park, IL 60035 (US). HE, Fan; 133  
Mainsail Drive, Grayslake, IL 60030 (US).
- (74) MANCINI, Brian M., et al. / etc.; Mo-  
torola, Inc., Intellectual Property Dept., 1303  
East Algonquin Road, Schaumburg, IL 60196  
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G11B 5/667, 5/65, 5/851
- (11) WO 03/028011 (13) A1
- (21) PCT/JP02/09693
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) ja (26) ja
- (30) 2001-288835 21 Sep/sep 2001 JP  
(21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • VERTICAL MAGNETIC RECORDING  
MEDIUM, ITS MANUFACTURING  
METHOD AND APPARATUS, AND  
MAGNETIC RECORDING APPARA-  
TUS  
• SUPPORT D'ENREGISTREMENT MA-  
GNETIQUE VERTICAL, SES PROCEDE  
ET APPAREIL DE FABRICATION ET  
APPAREIL D'ENREGISTREMENT MA-  
GNETIQUE
- (71) ANELVA CORPORATION [JP/JP]; 5-8-1,  
Yotsuya, Fuchu-shi, Tokyo 183-8508 (JP).  
FUJIELECTRIC CO.LTD. [JP/JP]; 1-1,  
Tanabeshinden, Kawasaki-ku, Kawasaki-shi,  
Kanagawa 210-9530 (JP).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (71, 72) TAKAHASHI, Migaku [JP/JP]; 20-2,  
Hitokita 2-chome, Taihaku-ku, Sendai-shi,  
Miyagi 982-0222 (JP).
- (72, 75) SAITO, Shin [JP/JP]; c/o TOHOKU  
UNIVERSITY, Faculty of Engineering, De  
partment of Electronics, 05, Aza-Aoba, Ara-  
maki, Aoba-ku, Sendai-shi, Miyagi 980-0806  
(JP). DJAYAPRAWIRA, David [ID/JP];  
c/o TOHOKU UNIVERSITY, Faculty of

Engineering, Department of Electronics, 05, Aza-Aoba, Aramaki, Aoba-ku, Sendai-shi, Miyagi 980-0806 (JP).

(74) YAMAGUCHI, Iwao et al. / etc.; c/o YAMAGUCHI International Patent Office, 3-2, Higashigotanda 2-chome, Shinagawa-ku, Tokyo 141-0022 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G11B 7/004, 7/007, 7/095, 19/12 // 19/28

(11) WO 03/028012 (13) A1

(21) PCT/JP02/09602

(22) 19 Sep/sep 2002 (19.09.2002)

(25) ja (26) ja

(30) 2001/286843 20 Sep/sep 2001 JP (20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • OPTICA DISK APPARATUS  
• DISPOSITIF A DISQUE OPTIQUE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) OOSAKI, Takeo [JP/JP]; 8-35-50, Kanou, Higashiosaka-shi, Osaka 578-0901 (JP). AKAGI, Noritaka [JP/JP]; 7-14-13-205, Toyosato, Higashiyodogawa-ku, Osaka-shi, Osaka 533-0013 (JP).

(74) MATSUDA, Masamichi; Shin-osaka Ikushima Bldg., 1-3, Miyahara 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (JP).

(81) CN JP KR US.

(51)<sup>7</sup> G11B 7/0045

(11) WO 03/028013 (13) A1

(21) PCT/JP02/09535

(22) 17 Sep/sep 2002 (17.09.2002)

(25) ja (26) ja

(30) 2001/287927 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTI-LEVEL OPTICAL RECORDING MEDIUM, MULTI-LEVEL REPRODUCING METHOD AND REPRODUCING DEVICE

• SUPPORT D'ENREGISTREMENT OPTIQUE MULTI-NIVEAU, PROCEDE DE REPRODUCTION OPTIQUE ET DISPOSITIF DE REPRODUCTION

(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) ARIOKA, Hiroyuki [JP/JP]; (C/O)TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). TSUKAMOTO, Syuji [JP/JP]; (C/O)TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). FUKUZAWA, Narutoshi [JP/JP];

(C/O)TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). HORAI, Takashi [JP/JP]; (C/O)TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). TAKE, Hiroshi [JP/JP]; (C/O)TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). INOUE, Motohiro [JP/JP]; (C/O)TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(74) SAKAI, Shinji; 3873-1, Higashiterao, Matsushiro-machi, Nagano-shi, Nagano 381-1225 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 7/0045

(11) WO 03/028014 (13) A1

(21) PCT/JP02/09735

(22) 20 Sep/sep 2002 (20.09.2002)

(25) ja (26) ja

(30) 2001/291507 25 Sep/sep 2001 JP (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • INFORMATION RECORDING APPARATUS, METHOD FOR RECORDING INFORMATION ONTO OPTICAL RECORDING MEDIUM, AND OPTICAL RECORDING MEDIUM

• APPAREIL D'ENREGISTREMENT D'INFORMATIONS, PROCEDE D'ENREGISTREMENT D'INFORMATIONS SUR UN SUPPORT D'ENREGISTREMENT OPTIQUE ET SUPPORT D'ENREGISTREMENT OPTIQUE

(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) KATO, Tatsuya [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). SHINGAI, Hiroshi [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). HIRATA, Hideki [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 BY BZ CA CH 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 7/0045, 7/55

(11) WO 03/028015 (13) A1

(21) PCT/JP02/09740

(22) 20 Sep/sep 2002 (20.09.2002)

(25) ja (26) ja

(30) 2001-294455 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR RECORDING INFORMATION ON OPTICAL RECORDING MEDIUM, INFORMATION RECORDER, AND OPTICAL RECORDING MEDIUM

• PROCEDE POUR ENREGISTRER DES INFORMATIONS SUR UN SUPPORT D'ENREGISTREMENT OPTIQUE, DISPOSITIF D'ENREGISTREMENT DES INFORMATIONS ET SUPPORT D'ENREGISTREMENT OPTIQUE

(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) SHIBAHARA, Masanori [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). KATO, Tatsuya [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 BY BZ CA CH 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G11B 7/08, 7/085

(11) WO 03/028016 (13) A1

(21) PCT/JP02/09065

(22) 5 Sep/sep 2002 (05.09.2002)

(25) ja (26) ja

(30) 2001-275128 11 Sep/sep 2001 JP (11.09.2001)

(30) 2001-360555 27 Nov/nov 2001 JP (27.11.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • OPTICAL DISK DEVICE

• DISPOSITIF POUR DISQUE OPTIQUE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006,

- Oaza-Kadoma, Kadoma-shi, Osaka 571-8501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TOYAMA, Yasunari** [JP/JP]; 1-12-2, Yamasaka, Higashisumiyoshi-ku, Osaka-shi, Osaka 546-0035 (JP). **UEBAYASHI, Makoto** [JP/JP]; 33-5, Narita-higashigaoka, Neyagawa-shi, Osaka 572-0002 (JP). **UMESAKI, Kiyoshi** [JP/JP]; 44-18, Tai-cho, Neyagawa-shi, Osaka 572-0021 (JP).
- (74) **HIGASHIMA, Takaharu**; HIGASHIMA PATENT OFFICE, Daiko Building, 2-14, Umeda 3-chome, Kita-ku, Osaka-shi, Osaka 530-0001 (JP).
- (81) CN KR US.  
(84) EP (DE FR GB).
- Published / Publiée : (b)
- (51)<sup>7</sup> **G11B 7/085**
- (11) **WO 03/028017** (13) A1  
(21) PCT/IB02/03684  
(22) **9 Sep/sep 2002 (09.09.2002)**  
(25) en (26) en  
(30) 01203606.7 **24 Sep/sep 2001 EP (24.09.2001)**  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **METHOD AND REPRODUCING APPARATUS FOR PERFORMING AN ACTUATOR JUMP OPERATION**  
• **PROCEDE ET APPAREIL DE REPRODUCTION DE REALISATION D'UNE OPERATION DE SAUT D'UN ACTIONNEUR**
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **DEKKER, Antonius, L., J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **DEGUELLE, Wilhelm, H., G.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- (51)<sup>7</sup> **G11B 7/24**
- (11) **WO 03/028018** (13) A1  
(21) PCT/JP02/09536  
(22) **17 Sep/sep 2002 (17.09.2002)**  
(25) ja (26) ja  
(30) 2001/290404 **25 Sep/sep 2001 JP (25.09.2001)**  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **MULTI-LEVEL OPTICAL RECORDING MEDIUM**  
• **SUPPORT D'ENREGISTREMENT OPTIQUE MULTI-NIVEAU**
- (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) **TAKE, Hiroshi** [JP/JP]; (C/O)TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). **ARIOKA, Hiroyuki** [JP/JP]; (C/O)TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). **FUKUZAWA, Narutoshi** [JP/JP]; (C/O)TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). **HORAI, Takashi** [JP/JP]; (C/O)TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). **INOUE, Motohiro** [JP/JP]; (C/O)TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).
- (74) **SAKAI, Shinji**; 3873-1, Higashiterao, Matsushiro-machi, Nagano-shi, Nagano 381-1225 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **G11B 7/24, 7/26, B41M 5/26, C09B 23/00, 67/10**
- (11) **WO 03/028019** (13) A1  
(21) PCT/JP02/09636  
(22) **19 Sep/sep 2002 (19.09.2002)**  
(25) ja (26) ja  
(30) 2001-287234 **20 Sep/sep 2001 JP (20.09.2001)**  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **SOLVENT COMPOSITION FOR PRODUCING OPTICAL RECORDING MEDIUM**  
• **COMPOSITION DE SOLVANT POUR LA PRODUCTION D'UN SUPPORT D'ENREGISTREMENT OPTIQUE**
- (71) **KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO** [JP/JP]; 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP).
- (72) **IHARA, Junichiro**; c/o Kabushiki Kaisha Hayashibara, Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP). **AIZAWA, Yasushi**; c/o Kabushiki Kaisha Hayashibara, Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP). **KAWATA, Toshio**; c/o Kabushiki Kaisha Hayashibara, Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP). **OKAZAKI, Tsuneki**; c/o Kabushiki Kaisha Hayashibara, Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP).
- (81) JP KR.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- (51)<sup>7</sup> **G11B 7/24, 7/26**
- (11) **WO 03/028020** (13) A1  
(21) PCT/JP02/09736  
(22) **20 Sep/sep 2002 (20.09.2002)**  
(25) ja (26) ja  
(30) 2001-294470 **26 Sep/sep 2001 JP (26.09.2001)**  
(30) 2001-294490 **26 Sep/sep 2001 JP (26.09.2001)**  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **OPTICAL RECORDING MEDIUM**  
• **SUPPORT D'ENREGISTREMENT OPTIQUE**
- (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) **HAYASHIDA, Naoki** [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). **HIRATA, Hideki** [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 BY BZ CA CH 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **G11B 7/24**
- (11) **WO 03/028021** (13) A1  
(21) PCT/JP02/09797  
(22) **24 Sep/sep 2002 (24.09.2002)**  
(25) ja (26) ja  
(30) 2001-294165 **26 Sep/sep 2001 JP (26.09.2001)**  
(30) 2001-292798 **26 Sep/sep 2001 JP (26.09.2001)**  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **OPTICAL RECORDING MEDIUM AND ITS RECORDING SYSTEM**  
• **SUPPORT D'ENREGISTREMENT OPTIQUE ET SYSTEME D'ENREGISTREMENT ASSOCIE**
- (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) **INOUE, Hiroyasu** [JP/JP]; c/o TDK CORPORATION, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). **HIRATA, Hideki** [JP/JP]; c/o TDK CORPORATION, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).
- (74) **MATSUYAMA, Keisuke et al.** / etc.; Minami-Shinjuku Bldg., 10-12, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 7/24

(11) WO 03/028022 (13) A1

(21) PCT/JP02/09798

(22) 24 Sep/sep 2002 (24.09.2002)

(25) ja (26) ja

(30) 2001-294164 26 Sep/sep 2001 JP  
(26.09.2001)(30) 2001-292774 26 Sep/sep 2001 JP  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • OPTICAL RECORDING MEDIUM

- SUPPORT D'ENREGISTREMENT OPTIQUE

(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) INOUE, Hiroyasu [JP/JP]; c/o TDK CORPORATION, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). HIRATA, Hideki [JP/JP]; c/o TDK CORPORATION, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(74) MATSUYAMA, Keisuke et al. / etc.; Minami-Shinjuku Bldg., 10-12, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 7/26, 7/24, C23C 14/34

(11) WO 03/028023 (13) A1

(21) PCT/JP02/08709

(22) 29 Aug/août 2002 (29.08.2002)

(25) ja (26) ja

(30) 2001-288116 21 Sep/sep 2001 JP  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SPUTTERING TARGET AND PRODUCTION METHOD THEREFOR AND OPTICAL RECORDING MEDIUM FORMED WITH PHASE-CHANGE TYPE OPTICAL DISK PROTECTION FILM

- CIBLE DE PULVERISATION CATHODIQUE ET PROCEDE DE PRODUCTION ASSOCIE, AINSI QUE SUPPORT D'ENREGISTREMENT OPTIQUE FORME AVEC UN FILM DE PROTECTION DE DISQUE OPTIQUE DE TYPE A CHANGEMENT DE PHASE

(71) NIKKO MATERIALS COMPANY, LIMITED [JP/JP]; 10-1, Toranomom 2-chome, Minato-ku, Tokyo 105-8407 (JP).

(72) YAHAGI, Masataka; c/o Isohara Factory of Nikko, Materials Company, Limited, 187-4, Usuba, Hanakawa-cho, Kitaibaraki-shi, Ibaraki 319-1535 (JP). TAKAMI, Hideo; c/o Isohara Factory of Nikko, Materials Company, Limited, 187-4, Usuba, Hanakawa-cho, Kitaibaraki-shi, Ibaraki 319-1535 (JP).

(74) OGOSHI, Isamu; OGOSHI International Patent Office, Toranomom 9 Mori Building 3F, 2-2, Atago 1-chome, Minato-ku, Tokyo 105-0002 (JP).

(81) CN JP

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> G11B 7/26

(11) WO 03/028024 (13) A1

(21) PCT/JP02/09652

(22) 19 Sep/sep 2002 (19.09.2002)

(25) ja (26) ja

(30) 2001-286869 20 Sep/sep 2001 JP  
(20.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR PRODUCING MULTILAYER OPTICAL RECORDING MEDIUM AND SYSTEM FOR PRODUCING MULTILAYER OPTICAL RECORDING MEDIUM

- PROCEDE DE PRODUCTION D'UN SUPPORT D'ENREGISTREMENT OPTIQUE MULTICOUCHE ET SYSTEME DE PRODUCTION D'UN SUPPORT D'ENREGISTREMENT OPTIQUE MULTICOUCHE

(71) TDK CORPORATION [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) KOMAKI, Tsuyoshi [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). USAMI, Mamoru [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). YONEYAMA, Kenji [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(74) SAKAI, Shinji; 3873-1, Higashiterao, Matsushiro-machi, Nagano-shi, Nagano 381-1225 (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 NO NZ OM PH PL PT RO RU  
SD SE SG SI 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 IE IT LU MC NL

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

(51)<sup>7</sup> G11B 20/00, H04N 7/18

(11) WO 03/028025 (13) A1

(21) PCT/GB02/04372

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 0123140.6 26 Sep/sep 2001 GB  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A SYSTEM FOR REAL TIME DATA ENCRYPTION

- SYSTEME DE CRYPTAGE DE DONNES EN TEMPS REEL

(71) ORBB LIMITED [GB/GB]; Academic Surgical Unit, 10th Floor, QEQM, St Mary's Hospital, Praed Street, Paddington, London W2 1NL (GB).

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

(72, 75) EDWARDS, Lee, David [GB/GB]; 516A London Road, West Cliff On Sea, Essex SS0 9LD (GB). DARZI, Ara, Warkes [IE/GB]; 3 Elmwood Park, Gerrards Cross, Buckinghamshire SL9 7EP (GB). MACKAY, Sean [AU/AU]; P.O. Box 1256, North Fitzroy 3068, Melbourne (AU). DRAPER, Edward [GB/GB]; 771 London Road, Loudwater, Buckinghamshire HP11 1HW (GB). YANG, Guang-Zhong [GB/GB]; 4 Mxkenzie Way, Clamendor Park, Epsom KT19 7ND (GB).

(74) ROBSON, Aidan, John; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD  
SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 20/00, H04N 7/24, 7/167

(11) WO 03/028026 (13) A1

(21) PCT/US02/17961

(22) 6 Jun/juin 2002 (06.06.2002)

(25) en (26) en

(30) 09/960,786 22 Sep/sep 2001 US  
(22.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR CONTENT PROTECTION ACROSS AN INTERFACE

- PROCEDE ET APPAREIL DE PROTECTION DE CONTENU A TRAVERS UNE INTERFACE

(71) INTEL CORPORATION [US/US]; (a delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) TRAW, Brendan; 10859 NW Supreme Court, Portland, OR 97229 (US). RIPLEY,

- Mike; 1222 NE 56th Court, Hillsboro, OR 97124 (US).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 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).
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- (51)<sup>7</sup> G11B 20/10, 27/00, H04N 5/76  
(11) WO 03/028027 (13) A1  
(21) PCT/JP02/09609  
(22) 19 Sep/sep 2002 (19.09.2002)  
(25) ja (26) ja  
(30) 2001/289982 21 Sep/sep 2001 JP (21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DATA OUTPUT METHOD, RECORDING METHOD AND APPARATUS, REPRODUCTION METHOD AND APPARATUS, DATA TRANSMISSION METHOD AND RECEPTION METHOD  
• PROCEDE DE SORTIE DE DONNEES, PROCEDE ET DISPOSITIF D'ENREGISTREMENT, PROCEDE ET DISPOSITIF DE REPRODUCTION, PROCEDE DE TRANSMISSION DE DONNEES ET PROCEDE DE RECEPTION
- (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) SAKO, Yoichiro [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) SUGIURA, Masatomo et al. / etc.; 7th Floor, Ikebukuro Park Bldg., 49-7, Minami Ikebukuro 2-chome, Toshima-ku, Tokyo 171-0022 (JP).
- (81) CN KR US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> G11B 20/10  
(11) WO 03/028028 (13) A1  
(21) PCT/KR02/01801  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) en (26) en  
(30) 2001/60239 27 Sep/sep 2001 KR (27.09.2001)  
(30) 2002/52287 31 Aug/août 2002 KR (31.08.2002)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND APPARATUS FOR RECORDING VIDEO DATA, AND INFORMATION STORAGE MEDIUM THEREBY  
• PROCEDE ET APPAREIL D'ENREGISTREMENT DE DONNEES VIDEO ET SUPPORT DE STOCKAGE D'INFORMATION CORRESPONDANT
- (71) SAMSUNG ELECTRONICS CO. LTD. [KR/KR]; 416 Maetan-dong, Paldal-gu, Suwon-city, 442-373 Kyungki-do (KR).
- (72) PARK, Sung-Wook; 2-1207 Century Oficetel, 1595-2, Seocho 3-dong, Seocho-gu, 137-073 Seoul (KR). KO, Jung-Wan; 103-201 Byucksan Apt., 488 Mangpo-dong, Paldal-gu, Suwon-si, 442-400 Gyeonggi-do (KR).
- (74) LEE, Young-Pil; The Cheonghwa Building, 1571-18, Seocho-dong, Seocho-gu, 137-874 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G11B 20/12, 27/00  
(11) WO 03/028029 (13) A1  
(21) PCT/JP02/09278  
(22) 11 Sep/sep 2002 (11.09.2002)  
(25) ja (26) ja  
(30) 2001-289380 21 Sep/sep 2001 JP (21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • RECORDING MEDIUM, RECORDING APPARATUS, REPRODUCTION APPARATUS, RECORDING METHOD, AND REPRODUCTION METHOD  
• SUPPORT D'ENREGISTREMENT, DISPOSITIF D'ENREGISTREMENT, DISPOSITIF DE LECTURE, PROCEDE D'ENREGISTREMENT ET DISPOSITIF DE LECTURE
- (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) OHBI, Seiji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). HATTORI, Masato [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, 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 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G11B 23/03  
(11) WO 03/028030 (13) A1  
(21) PCT/JP02/09057  
(22) 5 Sep/sep 2002 (05.09.2002)  
(25) ja (26) ja  
(30) 2001-289286 21 Sep/sep 2001 JP (21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DISC CARTRIDGE, DISC RECORDING MEDIUM APPARATUS, AND DISC RECORDING AND/OR REPRODUCING APPARATUS  
• CARTOUCHE A DISQUE, ENREGISTREUR DE DISQUE, ET LECTEUR-ENREGISTREUR DE DISQUE
- (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) OBATA, Manabu [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). IWAKI, Yuji [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KAWAGUCHI, Mitsuyoshi [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). MATSUMURA, Mitsunori [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) CN ID KR US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> G11B 25/04, 17/04  
(11) WO 03/028031 (13) A1  
(21) PCT/JP02/09793  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) ja (26) ja  
(30) 2001-292771 26 Sep/sep 2001 JP (26.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DISK RECORDING OR REPRODUCING DEVICE WITH RETRACTABLE TRAY  
• DISPOSITIF D'ENREGISTREMENT OU DE REPRODUCTION DE DISQUE A TIROIR RETRACTABLE
- (71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi,

Osaka 570-8677 (JP). SANYO TECNOSOUND CO., LTD. [JP/JP]; 1-1, Sanyo-cho, Daito-shi, Osaka 574-8534 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) YANASE, Yasuo [JP/JP]; 2-2-34, Higashinakamoto, Higashinari-ku, Osaka-shi, Osaka 537-0021 (JP). MORIYAMA, Masahiro [JP/JP]; 5-1-4-611, Shiginonishi, Joto-ku, Osaka-shi, Osaka 536-0014 (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 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G11B 27/00, 27/10, 20/12, H04N 5/91, 5/782, 5/76

(11) WO 03/028032 (13) A1

(21) PCT/JP02/09494

(22) 17 Sep/sep 2002 (17.09.2002)

(25) ja (26) ja

(30) 2001-284719 19 Sep/sep 2001 JP (19.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • RECORDER/REPRODUCER AND RECORDING/REPRODUCING METHOD

• LECTEUR/ENREGISTREUR ET PROCÉDE DE LECTURE/ENREGISTREMENT

(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) KOMATSU, Kouji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). MOTONO, Chihiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) INAMOTO, Yoshio; 711 Building 4F, 11-18, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)<sup>7</sup> G11C

(11) WO 03/028033 (13) A2

(21) PCT/US02/29760

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/960,586 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SEGMENTED METAL BITLINES

• LIGNES DE BITS METALLIQUES SEGMENTÉES

(71) SANDISK CORPORATION [US/US]; 140 Caspian Court, Sunnyvale, CA 94089 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) CERNEA, Raul, Adrian [US/US]; 540 Mansion Park Drive, Apt. 303, Santa Clara, CA 95054-3505 (US).

(74) CHAN, Melvin, D. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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

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(51)<sup>7</sup> G11C 7/00

(11) WO 03/028034 (13) A2

(21) PCT/US02/29749

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 60/324,462 25 Sep/sep 2001 US (25.09.2001)

(30) 10/202,003 25 Jul/juil 2002 US (25.07.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A TERTIARY CAM CELL

• CELLULE CAM TERTIAIRE

(71) MICRON TECHNOLOGY, INC. [US/US]; 8000 S. Federal Way, Boise, ID 83707-0006 (US).

(72) REGEV, Zvi; 24217 Highlander Road, West Hills, CA 91307 (US). REGEV, Alon; 22716 Berdon Street, Woodland Hills, CA (US).

(74) D'AMICO, Thomas, J.; Dickstein Shapiro Morin & Oshinsky LLP, 2101 L Street NW, Washington, DC 20037-1526 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

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(51)<sup>7</sup> G11C 7/12

(11) WO 03/028035 (13) A1

(21) PCT/US02/30773

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 09/965,307 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTIPLE DISCHARGE CAPABLE BIT LINE

• LIGNE BINAIRE CAPABLE DE PLUSIEURS DECHARGES

(71) SUN MICROSYSTEMS, INC. [US/US]; 4150 Network Circle, Santa Clara, CA 95054 (US).

(72) CHEHRAZI, Farzad; 3947 Suncrest Avenue, San Jose, CA 95132 (US). DESAI, Shaishav, A.; 396 Ano Nuevo Avenue, #209, Sunnyvale, CA 94086 (US). MEHTA, Anup S.; 44945 Washo Court, Fremont, CA 94539 (US). TAWARI, Devendra, N.; Primax Park Apts., #22, N R Layout, Wind Tunnel Road, Apt. #403, Murugeshpalya, Bangalore 560 017 (IN).

(74) OSHA, Jonathan, P. et al. / etc.; Rosenthal & Osha L.L.P., Suite 2800, 1221 McKinney, Houston, TX 77010 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 désignations

(t) for all designations / pour toutes les désignations

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(51)<sup>7</sup> G12B 21/00, G01B 7/34, G01N 27/00, G11B 9/00

(11) WO 03/028036 (13) A1

(21) PCT/DE02/03689

(22) 24 Sep/sep 2002 (24.09.2002)

(25) de (26) de

(30) 101 48 322.8 24 Sep/sep 2001 DE (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE FOR FIXING A MEASURING PROBE FOR A RASTER SCANNING PROBE MICROSCOPE

• DISPOSITIF POUR MAINTENIR UNE SONDÉ DE MESURE SUR UN MICROSCOPE-SONDÉ A BALAYAGE

(71) JPK INSTRUMENTS AG [DE/DE]; Bouchéstrasse 12, 12435 Berlin (DE).

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

(72, 75) SÜNWOLDT, Olaf [DE/DE]; Busendorfer Strasse 9, 12055 Berlin (DE). HASCHKE, Heiko [DE/DE]; Malchiner Strasse 16, 18109 Rostock (DE).

(74) BITTNER, Thomas, L. et al. / etc.; Boehmert & Boehmert, Meineckestrasse 26, 10719 Berlin (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G12B 21/08, 21/22

(11) WO 03/028037 (13) A2

(21) PCT/DE02/03688

(22) 24 Sep/sep 2002 (24.09.2002)

(25) de (26) de

(30) 101 47 868.2 24 Sep/sep 2001 DE (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE AND METHOD FOR SCANNING PROBE MICROSCOPE  
• DISPOSITIF ET PROCEDE POUR MICROSCOPE-SONDE A BALAYAGE

(71) JPK Instruments AG [DE/DE]; Bouchés-trasse 12, 12435 Berlin (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KNEBEL, Detlef [DE/DE]; Brucknerstrasse 39, 12247 Berlin (DE). JÄHNKE, Torsten [DE/DE]; Grellstrasse 32, 10409 Berlin (DE). SÜNWOLDT, Olaf [DE/DE]; Busendorfer Strasse 9, 12055 Berlin (DE).

(74) BITTNER, Thomas, L. et al. / etc.; Boehmert & Boehmert, Meineckestrasse 26, 10719 Berlin (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G12B 21/08, 21/22

(11) WO 03/028038 (13) A2

(21) PCT/DE02/03690

(22) 24 Sep/sep 2002 (24.09.2002)

(25) de

(30) 101 47 868.2 24 Sep/sep 2001 DE (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND DEVICE FOR ANALYSING A SAMPLE BY MEANS OF A RASTER SCANNING PROBE MICROSCOPE  
• PROCEDE ET DISPOSITIF POUR MESURER UNE SONDE AVEC UN MICROSCOPE-SONDE A BALAYAGE

(71) JPK INSTRUMENTS AG [DE/DE]; Bouchés-trasse 12, 12435 Berlin (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAMPS, Jörn [DE/DE]; Potsdamer Strasse 44, 14163 Berlin (DE).

(74) BITTNER, Thomas, L. et al. / etc.; Boehmert & Boehmert, Meineckestrasse 26, 10719 Berlin (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01B 1/22, C08K 9/04, 3/08, C08L 21/00

(11) WO 03/028039 (13) A1

(21) PCT/FI02/00757

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 20011872 24 Sep/sep 2001 FI (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ELECTRICALLY CONDUCTIVE THERMOPLASTIC ELASTOMER COMPOSITE  
• COMPOSITE ELASTOMERE, THERMOPLASTIQUE, CONDUCTEUR D'ELECTRICITE

(71) PREMIX OY [FI/FI]; Muovitie, FIN-05200 Rajamäki (FI).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALBERS, Martin [NL/FI]; Oskarinkuja 15, FIN-33710 Tampere (FI). KARTTUNEN, Mikko [FI/FI]; Huovarinkatu 1 E 9, FIN-33270 Tampere (FI). VILKMAN, Taisto [FI/FI]; Savirihentie 11, FIN-04310 Tuusula (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(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

(26) de

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 SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT 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)<sup>7</sup> H01B 11/18, 11/06

(11) WO 03/028040 (13) A1

(21) PCT/JP02/08401

(22) 21 Aug/août 2002 (21.08.2002)

(25) ja (26) ja

(30) 2001-251798 22 Aug/août 2001 JP (22.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SEMI-RIGID CABLE  
• CABLE SEMI-RIGIDE

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HATTORI, Wataru [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).

(74) HIRATA, Tadao; HIRATA & PARTNERS, Park Side House, 2, Ichibancho, Chiyoda-ku, Tokyo 102-0082 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H01B 13/00, B21B 1/16, 37/50, 37/16, 37/22

(11) WO 03/028041 (13) A1

(21) PCT/DE02/03524

(22) 20 Sep/sep 2002 (20.09.2002)

(25) de (26) de

(30) 101 47 022.3 25 Sep/sep 2001 DE (25.09.2001)

(30) 101 52 054.9 25 Oct/oct 2001 DE (25.10.2001)

(30) 201 17 301.8 25 Oct/oct 2001 DE (25.10.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND DEVICE FOR PRODUCING FLAT METAL RIBBON CABLES

• PROCEDE ET DISPOSITIF DE PRODUCTION DE CABLES A RUBANS METALLIQUES PLATS

(71) KARL FUHR GMBH & CO. KG MASCHINENFABRIK [DE/DE]; Industrie-Strasse Nord 7, 32805 Horn-Bad Meinberg (DE).

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

(72, 75) GERTH, Volker [DE/DE]; Heideweg 18, 32816 Schieder (DE).

(74) EIKEL & PARTNER GBR; Hünenweg 15, 32760 Detmold (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H01B 17/00

(11) WO 03/028042 (13) A1

(21) PCT/US02/29730

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 09/961,334 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BASE ASSEMBLY FOR AN INSULATOR ASSEMBLY

• ENSEMBLE BASE POUR ENSEMBLE ISOLATEUR

(71) HUBBELL INCORPORATED [US/US]; 584 Derby Milford Road, Orange, CT 06466-4024 (US).

(72) ROBERTS, Gerald; 152 Payne, Paris, MO 65275 (US).

(74) BICKS, Mark et al. / etc.; Roylance, Abrams, Berdo & Goodman, 1300 19th Street, N.W. Suite 600, Washington, DC 20036 (US).

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

Published / Publiée : (c)

(51)<sup>7</sup> H01B 17/26

(11) WO 03/028043 (13) A1

(21) PCT/NO02/00327

(22) 18 Sep/sep 2002 (18.09.2002)

(25) no (26) en

(30) 20014686 26 Sep/sep 2001 NO (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SEALED LEAD-IN STRUCTURE

• STRUCTURE D'ENTREE DE POSTE HERMETIQUE

(71) ABB AS, ABB OFFSHORE SYSTEMS [NO/NO]; Bergerveien 12, N-1375 Billingstad (NO).

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

(72, 75) ØSTERGAARD, Inge [NO/NO]; Østliveien 32, N-1380 Heggedal (NO). RAAD, Erik [NO/NO]; Nilserudkleiva 4, N-0874 Oslo (NO).

(74) ABC-PATENT et al. / etc.; Postboks 6150 Etterstad, N-0602 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01C

(11) WO 03/028044 (13) A2

(21) PCT/DE02/03284

(22) 5 Sep/sep 2002 (05.09.2002)

(25) de (26) de

(30) 101 45 752.9 17 Sep/sep 2001 DE (17.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NON-CONDUCTIVE SUBSTRATE FORMING A STRIP OR A PANEL, ON WHICH A PLURALITY OF CARRIER ELEMENTS ARE CONFIGURED

• SUBSTRAT NON CONDUCTEUR FORMANT UNE BANDE OU UN PLAN, SUR LEQUEL EST FORMEE UNE PLURALITE D'ELEMENTS DE SUPPORT

(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) BARCHMANN, Bernd [DE/DE]; Illerstrasse 19a, 93057 Regensburg (DE). HEINEMANN, Erik [DE/DE]; Hermann-Köhl-Strasse 7, 93049 Regensburg (DE). HEITZER, Josef [DE/DE]; Alleestrasse 6 Demling, 93090 Bach/Donau

(DE). PÜSCHNER, Frank [DE/DE]; Kohlenschachtweg 5, 93309 Kelheim (DE).

(74) EPPING, HERMANN & FISCHER; Rindlerstrasse 55, 80339 München (DE).

(81) BR CA CN IL IN JP KR MX RU UA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H01C 7/18

(11) WO 03/028045 (13) A2

(21) PCT/DE02/02952

(22) 12 Aug/août 2002 (12.08.2002)

(25) de (26) de

(30) 101 44 364.1 10 Sep/sep 2001 DE (10.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ELECTRICAL MULTI-LAYER COMPONENT

• COMPOSANT MULTICOUCHE ELECTRIQUE

(71) EPCOS AG [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

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

(72, 75) KRUMPHALS, Robert [AT/AT]; Karl-Hubmann-Str. 1, A-8530 Deutschlandsberg (AT). PECINA, Axel [DE/AT]; Holtenegg 43, A-8530 Deutschlandsberg (AT). GREIER, Günther [AT/AT]; Eichenweg 37, A-8042 Graz-St. Peter (AT). KÖPPEL, Harald [AT/AT]; Knobelbergstr. 41, A-8580 Köflach (AT).

(74) EPPING, HERMANN & FISCHER; Rindlerstrasse 55, 80339 München (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H01C 10/30, 10/32, G01D 5/165

(11) WO 03/028046 (13) A1

(21) PCT/DE02/02253

(22) 20 Jun/juin 2002 (20.06.2002)

(25) de (26) de

(30) 101 43 164.3 4 Sep/sep 2001 DE (04.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • POTENTIOMETER

• POTENTIOMETRE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 02, 70442 Stuttgart (DE).

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

(72, 75) SCHWEINFURTH, Reiner [DE/DE]; Heiligenberg 13, 75031 Eppingen (DE).

(81) CZ JP KR PL RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)<sup>7</sup> H01G

(11) WO 03/028047 (13) A2

(21) PCT/AU02/01314

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

- (30) PR 7981      **27 Sep/sep 2001**      AU  
(27.09.2001)
- (30) PR 8605      **31 Oct/oct 2001**      AU  
(31.10.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • INDUCTIVE LOOP DETECTOR  
• DETECTEUR A BOUCLE A INDUCTION
- (71, 72) **ROLAND** [AU/AU]; 5 Orari Avenue, East Brunswick, VIC 3057 (AU).
- (74) **ROSE, Ian, Stanley et al.** / etc.; Pipers, G.P.O. bOX 2272U, Melbourne, VIC 3001 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01G**
- (11) **WO 03/028048**      (13) A2
- (21) PCT/US02/30952
- (22) **27 Sep/sep 2002 (27.09.2002)**
- (25) en      (26) en
- (30) 60/326,087      **28 Sep/sep 2001**      US  
(28.09.2001)
- (30) 10/155,828      **23 May/mai 2002**      US  
(23.05.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • LOW-FORCE ELECTROCHEMICAL MECHANICAL PROCESSING METHOD AND APPARATUS  
• PROCEDE ET APPAREIL POUR LE TRAITEMENT MECANIQUE ET ELECTROCHIMIQUE DE FAIBLE FORCE
- (71) **NUTOOL, INC.** [US/US]; 1645 McCandless Drive, Milpitas, CA 95035 (US).
- (72) **BASOL, Bulent, M.**; 3001 Maple Avenue, Manhattan Beach, CA 90266 (US). **UZO, Cyprian, E.**; 625 Parvin Drive, Milpitas, CA 95035 (US). **BOGART, Jeffrey, A.**; 315 Hershner Drive, Los Gatos, CA 95032 (US).
- (74) **JAKOPIN, David, A. et al.** / etc.; Pillsbury Winthrop LLP, 1600 Tysons Boulevard, McLean, VA 22102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01G 9/012, 9/04, 9/14, H05K 3/46**
- (11) **WO 03/028050**      (13) A1
- (21) PCT/JP02/09598
- (22) **19 Sep/sep 2002 (19.09.2002)**
- (25) ja      (26) ja
- (30) 2001-286830      **20 Sep/sep 2001**      JP  
(20.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CAPACITOR, LAMINATED CAPACITOR, AND CAPACITOR BUILT-IN BOARD  
• CONDENSATEUR, CONDENSATEUR LAMINE ET PLAQUE DE CONDENSATEUR INTEGREE
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006-banchi, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YOSHIDA, Tsunenori** [JP/JP]; 5-D9-504, Otokoyamasadani, Yawata-shi, Kyoto 614-8372 (JP). **SHIMADA, Mikinari** [JP/JP]; 4-18, Kawaguchinishiougi, Yawata-shi, Kyoto 614-8117 (JP). **HANDA, Hiroyuki** [JP/JP]; 19-8, Higashikourishinmachi, Hirakata-shi, Osaka 573-0077 (JP). **KURANUKI, Masaaki** [JP/JP]; 14, Ichijouji-Higashisuginomiya-cho, Sakyo-ku, Kyoto-shi, Kyoto 606-8113 (JP). **NAKATANI, Seiichi** [JP/JP]; 11-29-16, Kourigaoka, Hirakata-shi, Osaka 573-0084 (JP). **ISHIKAWA, Akihiro** [JP/JP]; 20-1, Kasuga-cho, Neyagawa-shi, Osaka 572-0063 (JP).
- (74) **IKEUCHI SATO & PARTNER PATENT ATTORNEYS**; 26th Floor, OAP TOWER, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 530-6026 (JP).
- (81) CN US.
- 
- (51)<sup>7</sup> **H01G 9/02**
- (11) **WO 03/028051**      (13) A1
- (21) PCT/DE02/02930
- (22) **8 Aug/août 2002 (08.08.2002)**
- (25) de      (26) de
- (30) 101 42 100.1      **30 Aug/août 2001**      DE  
(30.08.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ELECTROLYTE SOLUTION FOR ELECTROLYTIC CAPACITORS, ELECTROLYTIC CAPACITOR COMPRISING SAID ELECTROLYTE SOLUTION AND THE USE THEREOF  
• SOLUTION D'ELECTROLYTE POUR CONDENSATEURS, CONDENSATEUR ELECTROLYTIQUE COMPRENANT CETTE SOLUTION ET UTILISATION DE CE CONDENSATEUR
- (71) **EPCOS AG** [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EBEL, Thomas** [DE/IT]; Res. Campo 352, I-20090 Segrate / Milano 2 (IT).
- (74) **EPPING, HERMANN & FISCHER**; Rüdlerstrasse 55, 80339 München (DE).
- (81) BR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> **H01G 9/035**
- (11) **WO 03/028052**      (13) A1
- (21) PCT/JP02/09878
- (22) **25 Sep/sep 2002 (25.09.2002)**
- (25) ja      (26) ja
- (30) 2001-294783      **26 Sep/sep 2001**      JP  
(26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ELECTROLYTE SOLUTION FOR DRIVING ELECTROLYTIC CAPACITOR AND ELECTROLYTIC CAPACITOR  
• SOLUTION D'ELECTROLYTE POUR CONDENSATEUR ELECTROLYTIQUE

ET CONDENSATEUR ELECTROLYTIQUE

(71) RUBYCON CORPORATION [JP/JP]; 1938-1, Oaza Nishiminowa, Ina-shi, Nagano 399-4593 (JP).

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

(72, 75) KOMATSU, Akihiko [JP/JP]; C/O RUBYCON CORPORATION, 1938-1, Oaza Nishiminowa, Ina-shi, Nagano 399-4593 (JP). OGAWARA, Tetsushi [JP/JP]; C/O RUBYCON CORPORATION, 1938-1, Oaza Nishiminowa, Ina-shi, Nagano 399-4593 (JP).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H01G 9/058, H01M 4/58

(11) WO 03/028053 (13) A1

(21) PCT/JP02/09953

(22) 26 Sep/sep 2002 (26.09.2002)

(25) ja (26) ja

(30) 2001-294769 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • POLARIZING ELECTRODE AND ITS MANUFACTURING METHOD, AND ELECTRIC DOUBLE-LAYER CAPACITOR

• ELECTRODE DE POLARISATION ET SON PROCEDE DE PRODUCTION, ET CONDENSATEUR ELECTRIQUE A DOUBLE COUCHE

(71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).

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

(72, 75) YOSHITAKE, Tsutomu [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). IJIMA, Sumio [JP/JP]; 1-1110-402, Hirahari, Tenpaku-ku, Nagoya-shi, Aichi 468-0011 (JP). YUDASAKA, Masako [JP/JP]; 2-8-3, Tokodai, Tsukuba-shi, Ibaraki 300-2635 (JP).

(74) IKEDA, Noriyasu et al. / etc.; The 3rd Mori Building, 4-10, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H01H 1/06

(11) WO 03/028054 (13) A1

(21) PCT/JP02/08980

(22) 4 Sep/sep 2002 (04.09.2002)

(25) ja (26) ja

(30) 2001-289892 21 Sep/sep 2001 JP (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PUSH-BUTTON SWITCH-USE MEMBER AND PRODUCTION METHOD THEREFOR

• ORGANE BOUTON-POUSSOIR DE COMMUTATION ET PROCEDE DE PRODUCTION

(71) SHIN-ETSU POLYMER CO., LTD. [JP/JP]; 3-5, Nihonbashi-honcho 4-chome, Chuo-ku, Tokyo 103-0023 (JP).

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

(72, 75) KIYOSAWA, Mikio [JP/JP]; 3779-2, Oaza-Souga, Shiojiri-shi, Nagano 399-6461 (JP). KAWAMURA, Takashi [JP/JP]; c/o Shin-Etsu Polymer Co., Ltd., 300-5, Aza-Toyohara, Oaza-Motohara, Kamikawamachi, Kodama-gun, Saitama 367-0241 (JP).

(74) SANO, Hiroshi; 3F, Namisho Building, 3-7, Shinkawa 2-chome, Chuo-ku, Tokyo 104-0033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01H 3/00, 33/66

(11) WO 03/028055 (13) A1

(21) PCT/US02/29728

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 09/961,402 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TERMINAL PAD FOR AN INSULATOR ASSEMBLY

• PLAGES DE CONNEXION POUR ENSEMBLE ISOLATEUR

(71) HUBBELL INCORPORATED [US/US]; 584 Derby Milford Road, Orange, CT 06477 (US).

(72) ROBERTS, Gerald, B.; 152 Payne, Paris, MO 65275 (US).

(74) BICKS, Mark, S. et al. / etc.; 1300 19th Street, Suite 600, Washington, DC 20036 (US).

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

Published / Publiée : (c)

(51)<sup>7</sup> H01H 9/56

(11) WO 03/028056 (13) A1

(21) PCT/NL02/00588

(22) 13 Sep/sep 2002 (13.09.2002)

(25) nl (26) en

(30) 1018960 14 Sep/sep 2001 NL (14.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • THREE PHASE SYSTEM WITH CONTROLLED SWITCHING OF A LOAD NETWORK TO A THREE PHASE POWER SUPPLY

• SYSTEME TRIPHASE COMPRENANT UNE COMMANDE DE COMMUTATION D'UN RESEAU DE CHARGE A UNE ALIMENTATION ELECTRIQUE TRIPHASEE

(71) HOLEC HOLLAND N.V. [NL/NL]; P.O. Box 23, NL-7550 AA Hengelo (NL).

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

(72, 75) SCHOONENBERG, Gerard, Cornelis [NL/NL]; Kretastraat 12, NL-7559 CR Hengelo (NL).

(74) JORRITSMA, Ruurd; Nederlandsch Octrooibureau, Scheveningsweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01H 31/02, 31/04

(11) WO 03/028057 (13) A1

(21) PCT/US02/28746

(22) 10 Sep/sep 2002 (10.09.2002)

(25) en (26) en

(30) 09/964,248 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SMART AWA

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(71) NORTHROP GRUMMAN CORPORATION [US/US]; 1840 Century Park East, Los Angeles, CA 90067-2177 (US).

(72) TEICH, Stanley; 2 Kotfield Ct., Melville, NY 11747 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H01H 59/00

(11) WO 03/028058 (13) A1

(21) PCT/IB02/03580

(22) 29 Aug/août 2002 (29.08.2002)

(25) en (26) en

(30) 0122752.9 21 Sep/sep 2001 GB (21.09.2001)

(43) 3 Avr/avr 2003 (03.04.2003)

(54) • A MICROMECHANICAL SWITCH AND METHOD OF MANUFACTURING THE SAME

• COMMUTATEUR MICROMECHANIQUE ET PROCÉDE DE FABRICATION CORRESPONDANT

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

(72) TRAINOR, Michael, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) WHITE, Andrew, G.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H01H 59/00

(11) WO 03/028059 (13) A1

(21) PCT/US02/29629

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 60/324,244 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Avr/avr 2003 (03.04.2003)

(54) • MEMS SWITCHES AND METHODS OF MAKING SAME

• COMMUTATEURS MEMS ET LEURS PROCÉDES DE FABRICATION

(71) HRL LABORATORIES, LLC [US/US]; 3011 Malibu Canyon Road, Malibu, CA 90265-4799 (US). THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, Oakland, CA 94607-5200 (US).

(72) SCHWARTZ, Robert, N.; 770 Paularino Avenue, Costa Mesa, CA 92626 (US). WU, Ming; 405 Hilgard Avenue, Los Angeles, CA 90024 (US). HSU, Tsung-Yuan; 3463

Three Springs Drive, Westlake Village, CA 91361 (US). SCHMITZ, Adele, E.; 1091 Amberton Lane, Newbury Park, CA 91320 (US). LOO, Robert, Y.; 29046 Old Carriage Court, Agoura Hills, CA 91301 (US).

(74) SCHMITT, Ross, A. et al. / etc.; Ladas & Parry, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036-5679 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H01H 85/32

(11) WO 03/028060 (13) A1

(21) PCT/DE02/02907

(22) 7 Aug/août 2002 (07.08.2002)

(25) de (26) de

(30) 101 42 654.2 31 Aug/août 2001 DE (31.08.2001)

(43) 3 Avr/avr 2003 (03.04.2003)

(54) • FUSE COMPONENT COMPRISING AN OPTICAL INDICATOR

• COMPOSANT FUSIBLE A INDICATEUR OPTIQUE

(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) MÜLLER, Rüdiger [DE/DE]; Ottilienweg 8, 93128 Regenstauf (DE).

(74) EPPING, HERMANN & FISCHER; Rüdigerstrasse 55, 80339 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H01J 1/62, 9/24, H05B 41/00

(11) WO 03/028061 (13) A1

(21) PCT/US02/30415

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 60/325,034 26 Sep/sep 2001 US (26.09.2001)

(30) 10/253,025 24 Sep/sep 2002 US (24.09.2002)

(43) 3 Avr/avr 2003 (03.04.2003)

(54) • NANOPARTICLE PHOSPHOR

• PHOSPHORE NANOPARTICULAIRE

(71) SI DIAMOND TECHNOLOGY, INC. [US/US]; 3006 Longhorn Boulevard, Suite 107, Austin, TX 78758 (US).

(72) FINK, Richard, Lee; 3909 Hawkshead Drive, Austin, TX 78727 (US). YANIV, Zvi; 5810 Long Court, Austin, TX 78730 (US).

(74) KORDZIK, Kelly, K. et al. / etc.; Winstead Sechrest & Minick P.C., P.O. Box 50784, 1201 Main Street, Dallas, TX 75250-0784 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01J 7/18, H05B 33/02, 33/10

(11) WO 03/028062 (13) A1

(21) PCT/IT02/00572

(22) 6 Sep/sep 2002 (06.09.2002)

(25) en (26) en

(30) MI2001A002010 27 Sep/sep 2001 IT (27.09.2001)

(43) 3 Avr/avr 2003 (03.04.2003)

(54) • SYSTEMS FOR CONVERSION OF WATER INTO HYDROGEN AND SORPTION OF HYDROGEN IN ELECTRONIC DEVICES AND MANUFACTURING PROCESS THEREOF

• SYSTEMES DE CONVERSION D'EAU EN HYDROGENE ET SORPTION D'HYDROGENE DANS DES DISPOSITIFS ELECTRONIQUES ET PROCÉDE DE FABRICATION ASSOCIE

(71) SAES GETTERS S.P.A. [IT/IT]; Viale Italia, 77, I-20020 Lainate (IT).

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(72, 75) FERRARIO, Bruno [IT/IT]; Via Melzi, 152, I-20027 Rescaldina (IT). TOMINETTI, Stefano [IT/IT]; Via Venezuela, 8, I-20151 Milano (IT). GALLITOGNOTTA, Alessandro [IT/IT]; Via Marconi, 52, I-21040 Origgio (IT).

(74) ADORNO, Silvano; Società Italiana Brevetti S.p.A., Via Carducci, 8, I-20123 Milano (IT) et al. / etc.

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

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(51)<sup>7</sup> H01J 9/227

(11) WO 03/028063 (13) A1

(21) PCT/US02/29277

(22) 16 Sep/sep 2002 (16.09.2002)



- (25) en (26) en
- (30) 09/962,520 **25 Sep/sep 2001** US  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD OF MANUFACTURING A MATRIX FOR CATHODE-RAY TUBE  
• PROCEDE DE FABRICATION D'UNE MATRICE POUR UN TUBE CATHODIQUE
- (71) THOMSON LICENSING S.A. [FR/FR]; 46, quai A. Le Gallo, F-92648 Boulogne Cedex (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PEARLMAN, Samuel [US/US]; 1726 Longview Drive, Lancaster, PA 17601 (US). KREIDER, Robert, Earl [US/US]; 73 Linda Avenue, Lancaster, PA 17603 (US). LAPE- RUTA, Richard, Jr. [US/US]; 46 Green Acre Road, Lititz, PA 17543 (US).
- (74) TRIPOLI, Joseph, S. et al. / etc.; Thomson multimedia Licencing, Inc., P.O. Box 5312, Princeton, NJ 08540 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

- (51)<sup>7</sup> H01J 31/12, 29/87
- (11) WO 03/028064 (13) A1
- (21) PCT/JP02/09566
- (22) 18 Sep/sep 2002 (18.09.2002)
- (25) ja (26) ja
- (30) 2001-285812 **19 Sep/sep 2001** JP  
(19.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • IMAGE DISPLAY UNIT  
• UNITE D'AFFICHAGE D'IMAGES
- (71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TAKENAKA, Shigeo [JP/JP]; 1710-19, Higashigata, Fukaya-shi, Saitama 366-0041 (JP). HIRAHARA, Sachiko [JP/JP]; 3557-40, Higashigata, Fukaya-shi, Saitama 366-0041 (JP). NIKAIDO, Masaru [JP/JP]; 2-28-9, Awata, Yokosuka-shi, Kanagawa 239-0845 (JP). ISHIKAWA, Satoshi [JP/JP]; 17-15, Inaricho 1-chome, Fukaya-shi, Saitama 366-0026 (JP).
- (74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

- (81) CN KR US.
- (84) EP (DE FR GB IT NL).
- 
- (51)<sup>7</sup> H01J 37/20
- (11) WO 03/028065 (13) A2
- (21) PCT/IB02/03730
- (22) 10 Sep/sep 2002 (10.09.2002)
- (25) en (26) en
- (30) 01203610.9 **24 Sep/sep 2001** EP  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ELECTROSTATIC MANIPULATING APPARATUS  
• APPAREIL DE MANIPULATION ELECTROSTATIQUE
- (71) FEI COMPANY [US/US]; 7451 NW Evergreen Parkway, Hillsboro, OR 97124-5830 (US).
- (72) ASJES, Ronald, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) VAN DER VEER, Johannes, Leendert; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> H01J 37/32, 37/16, C04B 41/48
- (11) WO 03/028066 (13) A1
- (21) PCT/US02/30171
- (22) 23 Sep/sep 2002 (23.09.2002)
- (25) en (26) en
- (30) 09/962,626 **24 Sep/sep 2001** US  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PROCESS CHAMBER HAVING A CORROSION-RESISTANT WALL AND METHOD  
• CHAMBRE DE TRAITEMENT COMPRENANT UNE PAROI RESISTANTE A LA CORROSION, ET PROCEDE
- (71) APPLIED MATERIALS, INC. [US/US]; (A corporation of Delaware), P.O. Box 450A, Santa Clara, CA 95052 (US).
- (72) SHAMOUILIAN, Shamouil; 6536 Little Falls Drive, San Jose, CA 95120 (US). SUN, Jennifer, Y.; 9964 Alpine Terrace, Sunnyvale, CA 94086 (US). KUMAR, Ananda, H.; 1999 Blackfoot Drive, Fremont, CA 94539 (US).
- (74) BERNADICOU, Michael, A. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) CN JP KR SG.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> H01J 43/00
- (11) WO 03/028067 (13) A2
- (21) PCT/DE02/02820
- (22) 1 Aug/août 2002 (01.08.2002)
- (25) de (26) de

- (30) 101 44 764.7 **11 Sep/sep 2001** DE  
(11.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR EXTRACTING MEASURING SIGNALS FROM A MULTI-CHANNEL PHOTOMULTIPLIER AND CORRESPONDING CIRCUIT  
• PROCEDE POUR EXTRAIRE DES SIGNAUX DE MESURE DANS UN PHOTOMULTIPLICATEUR MULTI-CANAUX ET CIRCUIT PREVU A CET EFFET
- (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) STREUN, Matthias [DE/DE]; Warmweiherstrasse 10, 52066 Aachen (DE). LARUE, Horst [DE/NL]; Athwerk 12, NL-6462 HX Kerkrade (NL).
- (74) FORSCHUNGSZENTRUM JÜLICH GMBH; Fachbereich Patente, 52425 Jülich (DE).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> H01L
- (11) WO 03/028068 (13) A2
- (21) PCT/US02/29723
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) en (26) en
- (30) 09/961,346 **25 Sep/sep 2001** US  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SPACER FOR AN INSULATOR ASSEMBLY  
• ECARTEUR POUR ENSEMBLE ISOLATEUR
- (71) HUBBELL INCORPORATED [US/US]; 584 Derby Milford Road, Orange, CT 06466-4024 (US).
- (72) ROBERTS, Gerald; 152 Payne, Paris, MO 65275 (US).
- (74) BICKS, Mark et al. / etc.; Roylance, Abrams, Berdo & Goodman, L.L.P., 1300 19th Street, N.W., Suite 600, Washington, DC 20036 (US).
- (81) AE AG AL AM AT (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 SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 03/028069 (13) A2

(21) PCT/US02/30582

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 09/964,075 25 Sep/sep 2001 US  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CYCLING DEPOSITION OF LOW TEMPERATURE FILMS IN A COLD WALL SINGLE WAFER PROCESS CHAMBER

• DEPOT EN CYCLE DE FILMS BASSE TEMPERATURE DANS UNE CHAMBRE DE TRAITEMENT DE PLAQUETTE UNIQUE A PAROI FROIDE

(71) APPLIED MATERIALS, INC. [US/US]; P.O. Box 450 A, Santa Clara, CA 95052 (US).

(72) LUO, Lee; 222 Brunswick Place, Fremont, CA 94539 (US). AHN, Sang Hoon; 3467 Warburton Avenue, Santa Clara, CA 95051 (US). CHEN, Aihua; 2278 Quail Bluff Place, San Jose, CA 95121 (US). IYER, Ramaseshan Suryanarayanan; 2288 Lenox Place, Santa Clara, CA 95054 (US). WANG, Shulin; 959 Steinway Avenue, Campbell, CA 95008 (US). THAKUR, Randhir, P., Singh; 5261 Appennines Circle, San Jose, CA 95138 (US).

(74) BERNADICOU, Michael, A. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H01L

(11) WO 03/028070 (13) A2

(21) PCT/US02/30753

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/325,298 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMPOSITIONS HAVING CONTROLLED FLOWABILITY AND THERMAL PROPERTIES

• COMPOSITIONS PRESENTANT UNE APPETITUDE A L'ECOULEMENT COMMANDEE ET DES PROPRIETES THERMIQUES

(71) HENKEL LOCTITE CORPORATION [US/US]; 1001 Trout Brook Crossing, Rocky Hill, CT 06067 (US).

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(72, 75) ISSARI, Bahram [US/US]; 702 Highpoint Drive, Rocky Hill, CT 06067 (US).

(74) CUNNINGHAM, Marina, F.; McCormick, Paulding & Huber LLP, 185 Asylum Street, CityPlace II, Hartford, CT 06103-3402 (US) et al. / etc.

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

(51)<sup>7</sup> H01L 21/00

(11) WO 03/028071 (13) A2

(21) PCT/US02/29624

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/962,556 25 Sep/sep 2001 US  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • WAFER CASSETTE TRANSPORT CART WITH SELF CORRECTING FAULT ALIGNMENT BLOCK AND METHOD

• CHARIOT DE TRANSPORT D'UNE CASSETTE DE PLAQUETTES DOTE D'UN BLOC D'ALIGNEMENT DES DEFAUTS A AUTOCORRECTION ET PROCEDE ASSOCIE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) YAP, Hoon-Yeng; 1881 East Chilton Drive, Tempe, AZ 85283 (US).

(74) STEFFEY, Charles, E.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US) et al. / etc.

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

(51)<sup>7</sup> H01L 21/02, 21/301

(11) WO 03/028072 (13) A1

(21) PCT/JP01/08171

(22) 20 Sep/sep 2001 (20.09.2001)

(25) ja (26) ja

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE

• PROCEDE DE FABRICATION DE DISPOSITIF SEMI-CONDUCTEUR

(71) HITACHI, LTD. [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).

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(72, 75) SUZUKI, Shuichi [JP/JP]; C/O Semiconductor & Integrated Circuits, Hitachi, Ltd., 20-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8588 (JP). NAGASE, Hiroyuki [JP/JP]; C/O Semiconductor & Integrated Circuits, Hitachi, Ltd., 20-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8588 (JP). ICHINOSE, Yasuharu [JP/JP]; C/O Semiconductor & Integrated Circuits, Hitachi, Ltd., 20-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8588 (JP). MITSUYASU, Teruhiro [JP/JP]; C/O Semiconductor & Integrated Circuits, Hitachi, Ltd., 20-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8588 (JP).

(74) TSUTSUI, Yamato; Tsutsui & Associates, 3F Azeria Bldg., 1-1, Nishi-shinjuku 8-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN JP KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> H01L 21/027, G03F 7/20, G01M 11/02

(11) WO 03/028073 (13) A1

(21) PCT/JP02/09810

(22) 24 Sep/sep 2002 (24.09.2002)

(25) ja (26) ja

(30) 2001-292878 26 Sep/sep 2001 JP  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ABERRATION MEASURING DEVICE, ABERRATION MEASURING METHOD, REGULATION METHOD FOR OPTICAL SYSTEM, AND EXPOSURE SYSTEM PROVIDED WITH OPTICAL SYSTEM REGULATED BY THE REGULATION METHOD

• DISPOSITIF ET PROCEDE DE MESURE D'ABERRATION, PROCEDE DE REGULATION DE SYSTEME OPTIQUE, ET SYSTEME D'EXPOSITION MUNI D'UN SYSTEME OPTIQUE REGULE PAR CE PROCEDE DE REGULATION

(71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

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

(72, 75) SHIRAIISHI, Naomasa [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) YAMAGUCHI, Takao; Daiichi Bldg., 10, Kanda-tsukasa-cho 2-chome, Chiyoda-ku, Tokyo 101-0048 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/027, G03F 7/20, G03B 9/02, G02B 5/00  
(11) WO 03/028074 (13) A1  
(21) PCT/JP02/09956  
(22) 26 Sep/sep 2002 (26.09.2002)  
(25) ja (26) ja  
(30) 2001-294382 26 Sep/sep 2001 JP (26.09.2001)  
(30) 2002-108183 10 Apr/avr 2002 JP (10.04.2002)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • DIAPHRAGM DEVICE, PROJECTION OPTICAL SYSTEM AND PROJECTION EXPOSURE DEVICE, AND MICRO-DEVICE PRODUCING METHOD  
• DISPOSITIF DE TYPE DIAPHRAGME, SYSTEME OPTIQUE A PROJECTION ET SYSTEME D'EXPOSITION A PROJECTION AINSI QUE PROCEDE DE PRODUCTION D'UN MICRO-DISPOSITIF  
(71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) TAMAOKI, Kenji [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).  
(74) SHIGA, Masatake et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
(51)<sup>7</sup> H01L 21/18  
(11) WO 03/028075 (13) A1  
(21) PCT/US02/29750  
(22) 20 Sep/sep 2002 (20.09.2002)  
(25) en (26) en  
(30) 60/325,276 26 Sep/sep 2001 US (26.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD OF IMPROVING A SURFACE OF A SUBSTRATE FOR WAFER BONDING  
• PROCEDE PERMETTANT D'AMELIORER LA SURFACE D'UN SUBSTRAT POUR LA LIAISON DE PLAQUETTES  
(71) HRL LABORATORIES, LLC [US/US]; 3011 Malibu Canyon Road, Malibu, CA 90265-4799 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) SHI, Binqiang [US/US]; 28912 Fountain Street, Agoura Hills, CA 91301 (US).

(74) BERG, Richard, P. et al. / etc.; LADAS & PARRY, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036-5679 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
(51)<sup>7</sup> H01L 21/302, 29/06, C30B 25/02  
(11) WO 03/028076 (13) A1  
(21) PCT/CN02/00675  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) zh (26) zh  
(30) 01141993.8 27 Sep/sep 2001 CN (27.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE HAVING COMPOSITE BUFFER LAYER  
• PROCEDE DE FABRICATION D'UN DISPOSITIF SEMI-CONDUCTEUR AYANT UNE COUCHE TAMPON COMPOSITE  
(71) TONGJI UNIVERSITY [CN/CN]; No.1239, Si Ping Rd., Shanghai 200092 (CN).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) CHEN, Xingbi [CN/CN]; Institute of Electron Information, Tongji University, No.1239, Siping Rd., Shanghai 200092 (CN).  
(74) LUNG TIN INTERNATIONAL PATENT & TRADEMARK AGENT LTD.; 18th Floor, Tower B, Grand Place, Chaoyang District, Beijing 100101 (CN).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).*

ES FI FR GB GR IE IT LU MC NL PT 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)<sup>7</sup> H01L 21/302, 21/304, 21/306, 21/784, G06K 19/07  
(11) WO 03/028077 (13) A1  
(21) PCT/FR02/03257  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) fr (26) fr  
(30) 01/12439 27 Sep/sep 2001 FR (27.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD FOR THINNING A SILICON WAFER  
• PROCEDE D'AMINCISSEMENT D'UNE PLAQUETTE DE SILICIUM  
(71) STMICROELECTRONICS SA [FR/FR]; 29, boulevard Romain Rolland, F-92120 Montrouge (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) CORRIOL, Christian [FR/FR]; 38, Les Troubadours, F-13790 Rousset (FR).  
(74) BENTZ, Jean-Paul; Cabinet Ballot, 122, rue Edouard Vaillant, F-92593 Levallois-Perret Cedex (FR).  
(81) JP US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).  
Declaration / Déclaration :  
*(u) for / pour US only / seulement*  
(51)<sup>7</sup> H01L 21/302  
(11) WO 03/028078 (13) A1  
(21) PCT/JP02/09588  
(22) 19 Sep/sep 2002 (19.09.2002)  
(25) ja (26) ja  
(30) 2001-287539 20 Sep/sep 2001 JP (20.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • PLASMA PROCESSING DEVICE  
• DISPOSITIF DE TRAITEMENT AU PLASMA  
(71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) ONO, Hiroo [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). TATESHITA, Koichi [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). HONDA, Masanobu [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). HAYASHI, Daisuke [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP).

(74) SUYAMA, Saichi; Kanda Higashiyama Bldg., 1, Kandata-cho 2-chome, Chiyoda-ku, Tokyo 101-0046 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/304, B24B 9/00

(11) WO 03/028079 (13) A1

(21) PCT/JP02/05077

(22) 24 May/mai 2002 (24.05.2002)

(25) ja (26) ja

(30) 2001-290662 25 Sep/sep 2001 JP (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • POLISHING HEAD AND SEMICONDUCTOR WAFER END FACE POLISHING MACHINE

• TETE DE POLISSAGE ET MACHINE DE POLISSAGE DE FACE FRONTALE DE TRANCHES DE SEMI-CONDUCTEURS

(71) NIHON MICRO COATING CO., LTD. [JP/JP]; 4-1, Musashino 3-chome, Akishima-shi, Tokyo 196-0021 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OSAWA, Kazunari [JP/JP]; c/o NIHON MICRO COATING CO., LTD., 4-1, Musashino 3-chome, Akishima-shi, Tokyo 196-0021 (JP). MORIOKA, Izuru [JP/JP]; c/o NIHON MICRO COATING CO., LTD., 4-1, Musashino 3-chome, Akishima-shi, Tokyo 196-0021 (JP). HOSOYA, Naotoshi [JP/JP]; c/o NIHON MICRO COATING CO., LTD., Musashino 3-chome, Akishima-shi, Tokyo 196-0021 (JP).

(74) TAKEUCHI, Sumio et al. / etc.; Daiwa Bank Toranomon Building, 6-21, Nishishinbashi 1-chome, Minato-Ku, Tokyo 105-0003 (JP).

(81) KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)<sup>7</sup> H01L 21/304, B24B 37/04

(11) WO 03/028080 (13) A1

(21) PCT/JP02/09391

(22) 13 Sep/sep 2002 (13.09.2002)

(25) ja (26) ja

(30) 2001-285318 19 Sep/sep 2001 JP (19.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROCESSING DEVICE, PROCESSING METHOD, AND METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE

• DISPOSITIF DE TRAITEMENT, PROCÉDE DE TRAITEMENT ET PROCÉDE DE FABRICATION D'UN DISPOSITIF A SEMI-CONDUCTEURS

(71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-Chome, Chiyoda-ku, Tokyo 100-8331 (JP).

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

(72, 75) HOSHINO, Susumu [JP/JP]; c/o, NIKON CORPORATION, 2-3, Marunouchi 3-Chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) HOSOE, Toshiaki; Corpo Fuji 605, 3-6, Nishikanagawa 1-Chome, Kanagawa-ku, Yokohama-Shi, Kanagawa 221-0822 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H01L 21/3065, H01J 37/32

(11) WO 03/028081 (13) A2

(21) PCT/DE02/02363

(22) 28 Jun/juin 2002 (28.06.2002)

(25) de (26) de

(30) 101 45 297.7 14 Sep/sep 2001 DE (14.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR ETCHING STRUCTURES IN AN ETCHING BODY BY MEANS OF A PLASMA

• PROCÉDE DE GRAVURE DE STRUCTURES DANS UN CORPS A GRAVER A L'AIDE D'UN PLASMA

(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) LAERMER, Franz [DE/DE]; Hermann-Schuetz-Str. 22, 71263 Weil Der Stadt (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> H01L 21/3065

(11) WO 03/028082 (13) A1

(21) PCT/JP02/08243

(22) 13 Aug/août 2002 (13.08.2002)

(25) ja (26) ja

(30) 2001-274158 10 Sep/sep 2001 JP (10.09.2001)

(30) 2002-123 4 Jan/jan 2002 JP (04.01.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ETCHING METHOD

• PROCÉDE DE GRAVURE

(71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).

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

(72, 75) ADACHI, Kenji [JP/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). ITO, Hiroharu [JP/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP).

MIURA, Toshihiro [JP/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). HIGUCHI, Fumihiko [JP/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP).

(74) KAMEYA, Yoshiaki et al. / etc.; KANEMOTO, KAMEYA, HAGIWARA & INOUE YOTSUYA BRANCH, Daiichi Tomizawa Building, 1-3, Yotsuya 3-chome, 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 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/3065

(11) WO 03/028083 (13) A1

(21) PCT/JP02/09311

(22) 12 Sep/sep 2002 (12.09.2002)

(25) ja (26) ja

(30) 2001-292251 25 Sep/sep 2001 JP (25.09.2001)

(30) 2001-332462 30 Oct/oct 2001 JP (30.10.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF PROCESSING QUARTZ MEMBER FOR PLASMA PROCESSING DEVICE, QUARTZ MEMBER FOR PLASMA PROCESSING DEVICE, AND PLASMA PROCESSING DEVICE HAVING QUARTZ MEMBER FOR PLASMA PROCESSING DEVICE MOUNTED THEREON

• PROCÉDE DE TRAITEMENT D'UNE PIECE DE QUARTZ POUR DISPOSITIF DE TRAITEMENT AU PLASMA, PIECE DE QUARTZ AINSI TRAITÉE, ET DISPOSITIF DE TRAITEMENT AU PLASMA UTILISANT LADITE PIECE

(71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).

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

(72, 75) SUGIYAMA, Norikazu [JP/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). SAEGUSA, Hidehito [JP/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). OKAYAMA, Nobuyuki [JP/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). IIMURO, Shinichi [JP/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). IMAFUKU, Kosuke [JP/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). NAGAYAMA, Nobuyuki [JP/JP];

c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). **MITSUHASHI, Kouji** [JP/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). **NAKAYAMA, Hiroyuki** [JP/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). **HUANG, Yahui** [CN/CN]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP).

(74) **KAMEYA, Yoshiaki**; HAZUKI INTERNATIONAL YOTSUYA, Daiichi Tomizawa Building, 1-3, Yotsuya 3-chome, Shinjuku-ku, Tokyo 160-0004 (JP) et al. / etc.

(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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/311, 21/027

(11) WO 03/028084 (13) A1

(21) PCT/IB02/03679

(22) 6 Sep/sep 2002 (06.09.2002)

(25) en (26) en

(30) 09/961,997 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR FORMING A CONTACT WINDOW IN A SEMICONDUCTOR DEVICE

• PROCEDE PERMETTANT DE FORMER UNE FENETRE DE CONTACT DANS UN DISPOSITIF SEMI-CONDUCTEUR

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

(72) **ALOK, Dev**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BARONE, Juanita, A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **CONRAD, Regina**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **DUIJVESTIJN, Adrianus, J.**; Internationaal Octroobureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)<sup>7</sup> H01L 21/48

(11) WO 03/028085 (13) A2

(21) PCT/DE02/02963

(22) 13 Aug/août 2002 (13.08.2002)

(25) de (26) de

(30) 101 45 362.0 14 Sep/sep 2001 DE (14.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR PRODUCING A CERAMIC SUBSTRATE

• PROCEDE DE PRODUCTION D'UN SUBSTRAT CERAMIQUE

(71) **EPCOS AG** [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

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

(72, 75) **HOFFMANN, Christian** [DE/AT]; Karl-Hubmann-Str. 8, A-8530 Deutschlandsberg (AT). **AICHHOLZER, Klaus-Dieter** [AT/AT]; Schwanberger Strasse 16, A-8530 Deutschlandsberg (AT).

(74) **EPPING, HERMANN & FISCHER**; Rüdlerstrasse 55, 80339 München (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H01L 21/56

(11) WO 03/028086 (13) A1

(21) PCT/NL02/00621

(22) 26 Sep/sep 2002 (26.09.2002)

(25) nl (26) en

(30) 1019042 26 Sep/sep 2001 NL (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR ENCAPSULATING A CHIP AND/OR OTHER ARTICLE

• PROCEDE D'ENCAPSULATION D'UNE PUCE ET/OU D'UN AUTRE ARTICLE

(71) **EUROPEAN SEMICONDUCTOR ASSEMBLY (EURASEM) B.V.** [NL/NL]; P.O. Box 566, NL-6500 AN Nijmegen (NL).

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

(72, 75) **RABEN, Leonardus, Theodorus, Maria** [NL/NL]; Badweg 6, NL-7061 AD Terborg (NL).

(74) **JORRITSMA, Ruurd**; Nederlandsch Octroobureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/60

(11) WO 03/028087 (13) A2

(21) PCT/IT02/00389

(22) 13 Jun/juin 2002 (13.06.2002)

(25) en (26) en

(30) RM01A000585 27 Sep/sep 2001 IT (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MANUFACTURING PROCESS OF INTEGRATED CIRCUITS IN FLIP-CHIP TECHNOLOGY

• PROCEDE DE FABRICATION DE CIRCUITS INTEGRES SELON UNE TECHNIQUE DE CONNEXION PAR BILLES

(71) **SILENA INTERNATIONAL S.P.A.** [IT/IT]; Via XX Settembre, 4, I-00187 Roma (IT).

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

(72, 75) **LO VERDE, Domenico** [IT/IT]; c/o Nuova Mistral S.p.A., Via Le Pastine, 32, I-04010 Sermoneta (IT). **SANCES, Giuseppe** [IT/IT]; c/o Nuova Mistral S.p.A., Via Le Pastine, 32, I-04010 Sermoneta (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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).

(51)<sup>7</sup> H01L 21/60

(11) WO 03/028088 (13) A2

(21) PCT/US02/30697

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 09/966,316 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS OF FORMING METALLURGY STRUCTURES FOR WIRE AND SOLDER BONDING AND RELATED STRUCTURES

• PROCEDES DE FORMATION DE STRUCTURES METALLURGIQUES POUR MICROCABLAGE ET SOUDURE PAR FUSION ET STRUCTURES CONNEXES

(71) **UNITIVE ELECTRONICS, INC.** [US/US]; 4512 S. Miami Blvd., Durham, NC 27703 (US).

(72) **MIS, J., Daniel**; 204 North Rail Drive, Cary, NC 27513 (US). **ENGEL, Kevin**; 1722 Euclid Road, Durham, NC 27713 (US).

(74) **MYERS, BIGEL, SIBLEY & SAJOVEC**; P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL

- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H01L 21/66
- (11) WO 03/028089 (13) A1
- (21) PCT/JP02/09637
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) ja (26) ja
- (30) 2001-285637 19 Sep/sep 2001 JP (19.09.2001)
- (30) 2002-154183 28 May/mai 2002 JP (28.05.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SEMICONDUCTOR WAFER INSPECTION SYSTEM
- SYSTEME DE CONTROLE DE TRANCHES EN SEMICONDUCTEUR
- (71) OLYMPUS OPTICAL CO., LTD. [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) TSUJI, Haruyuki [JP/JP]; 539, Oazaina, Ina-shi, Nagano 396-0021 (JP). KITA-HARA, Yasutoshi [JP/JP]; 8371-1, Oazamisuzu, Ina-shi, Nagano 396-0111 (JP). HASHIMOTO, Katsuyuki [JP/JP]; C-714, Towns-Hachioji, 1462-5, Hazamamachi, Hachioji-shi, Tokyo 193-0941 (JP). IKENO, Yasunori [JP/JP]; 3-1-60, Osachigongencho, Okaya-shi, Nagano 394-0081 (JP). KURATA, Shunsuke [JP/JP]; 3411, Minamiminoamamura, Kamiina-gun, Nagano 399-4511 (JP). YAZAWA, Masahiko [JP/JP]; 607, Mejirodai-Heim, 1214-1, Kunugidacho, Hachioji-shi, Tokyo 193-0942 (JP).
- (74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN DE JP KR SG US.
- 
- (51)<sup>7</sup> H01L 21/768
- (11) WO 03/028090 (13) A2
- (21) PCT/US02/28715
- (22) 9 Sep/sep 2002 (09.09.2002)
- (25) en (26) en
- (30) 09/965,370 26 Sep/sep 2001 US (26.09.2001)
- (30) 09/965,373 26 Sep/sep 2001 US (26.09.2001)
- (30) 09/965,369 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • INTEGRATION OF BARRIER LAYER AND SEED LAYER
- INTEGRATION D'UNE COUCHE BARRIERE ET D'UNE COUCHE GERME
- (71) APPLIED MATERIALS, INC. [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).
- (72) CHUNG, Hua; 4645 Piper Drive, San Jose, CA 95129 (US). CHEN, Ling; 784 Dartshire Way, Sunnyvale, CA 94087 (US). YU, Jick; 1424 Graywood Drive, San Jose, CA 95129 (US). CHANG, Mei; 12881 Corte de Arguello, Saratoga, CA 95070 (US).
- (74) PATTERSON, B., Todd et al. / etc.; Moser, Patterson and Sheridan, L.L.P., 3040 Post Oak Boulevard, Suite 1500, Houston, TX 77056 (US).
- (81) CN JP KR SG.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> H01L 21/768
- (11) WO 03/028091 (13) A2
- (21) PCT/US02/29954
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) en (26) en
- (30) 09/964,108 25 Sep/sep 2001 US (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • COPPER INTERCONNECT BARRIER LAYER STRUCTURE AND FORMATION METHOD
- STRUCTURE DE COUCHE D'ARRET D'INTERCONNEXION EN CUIVRE ET PROCEDE DE FORMATION ASSOCIE
- (71) APPLIED MATERIALS, INC. [US/US]; P.O. Box 450A, Santa Clara, CA 95054 (US).
- (72) CHEN, Ling; 784 Dartshire Way, Sunnyvale, CA 94087 (US). GANGULI, Seshadri; 713 Golden Oak Drive, #7, Sunnyvale, CA 94086 (US). MARCADAL, Christophe; 3655 Pruneridge Avenue, #124, Santa Clara, CA 95051 (US). WEI, Cao; 1223 Elkwood Drive, Milpitas, CA 95035 (US). MOSELY, Roderick, C.; P.O. Box 11801, Pleasanton, CA 94588 (US). CHANG, Mei; 12881 Corte de Angnello, Saratoga, CA 95070 (US).
- (74) TOBIN, Kent, J. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).
- (81) CN JP KR SG.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> H01L 21/768
- (11) WO 03/028092 (13) A2
- (21) PCT/US02/31159
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en
- (30) 09/968,459 28 Sep/sep 2001 US (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DUAL-DAMASCENE INTERCONNECTS WITHOUT AN ETCH STOP LAYER BY ALTERNATING ILDS
- INTERCONNEXIONS DE DAMASCENE DUEL SANS COUCHE D'ARRET DE GRAVURE PAR DIELECTRIQUES INTERCOUCHES ALTERNES
- (71) INTEL CORPORATION (a Delaware Corporation) [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) WONG, Lawrence; 265 NW Silverado Drive, Beaverton, OR 97006 (US). MORROW, Patrick; 6150 NW Simmasho Drive, Portland, OR 97229 (US). LEU, Jihperng; 14606 N.W. Applegate Lane, Portland, OR 97229 (US). OTT, Andrew; 934 N.E. Simmental Street, Hillsboro, OR 97124 (US).
- (74) KLOSTER, Grant; 14390 Camden Lane, Lake Oswego, OR 97035 (US).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01L 21/84
- (11) WO 03/028093 (13) A2
- (21) PCT/DE02/03023
- (22) 19 Aug/août 2002 (19.08.2002)
- (25) de (26) de
- (30) 101 43 936.9 7 Sep/sep 2001 DE (07.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR THE GENERATION OF A SOI SUBSTRATE, VERTICAL TRANSISTOR AND MEMORY CELL WITH VERTICAL TRANSISTOR
- PROCEDE DE FORMATION D'UN SUBSTRAT DE SILICIUM SUR ISOLANT, TRANSISTOR VERTICAL ET CELLULE MEMOIRE POURVUE DE CE TRANSISTOR VERTICAL
- (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) BIRNER, Albert [DE/DE]; Weinbergstr. 94, 01129 Dresden (DE). BREUER, Stefan [DE/DE]; Strasse der Jugend 29, 19294 Heiddorf (DE). GOLDBACH, Matthias [DE/DE]; Hohnsteiner Strasse 1, 01099 Dresden (DE). LUETZEN, Joern [DE/DE]; Louis-Braille-Str. 3, 01099 Dresden (DE). SCHUMANN, Dirk [DE/DE]; Rosskastanienweg 10, 16567 Schoenflies (DE).
- (74) EPPING, HERMANN & FISCHER; Rildlerstrasse 55, 80339 München (DE).
- (81) JP KR SG US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> H01L 23/00
- (11) WO 03/028094 (13) A2
- (21) PCT/US02/30988
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) 60/326,056 28 Sep/sep 2001 US (28.09.2001)
- (30) 10/218,053 12 Aug/août 2002 US (12.08.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD OF SELF-LATCHING FOR ADHESION DURING SELF-ASSEMBLY OF ELECTRONIC OR OPTICAL COMPONENTS

• PROCEDE DE VERROUILLAGE AUTOMATIQUE PERMETTANT L'ADHÉRENCE AU COURS DU MONTAGE AUTOMATIQUE DE COMPOSANTS ÉLECTRONIQUES OU OPTIQUES

(71) HRL LABORATORIES, LLC [US/US]; 3011 Malibu Canyon Road, Malibu, CA 90265-4799 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) HUNTER, Andrew, T. [US/US]; 4435 Pampas Road, Woodland Hills, CA 91364 (US). BREWER, Peter, D. [US/US]; 1693 Elmsford Place, Westlake Village, CA 91361 (US).

(74) BERG, Richard, P. et al. / etc.; 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036-5679 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 23/055, 23/50

(11) WO 03/028095 (13) A2

(21) PCT/US02/30593

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/325,107 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • POWER DELIVERY AND OTHER SYSTEMS FOR INTEGRATED CIRCUITS  
• SYSTEMES D'ALIMENTATION ET AUTRES POUR CIRCUITS INTEGRES

(71) MOLEX INCORPORATED [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US).

(72) PANELLA, Augusto, P.; 2569 Midland Drive, Naperville, IL 60564 (US). McGRATH, James, L.; 248 Wren Drive, Bloomingdale, IL 60108 (US).

(74) PAULIUS, Thomas, D.; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL

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

(51)<sup>7</sup> H01L 23/26

(11) WO 03/028096 (13) A2

(21) PCT/US02/30763

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 09/965,759 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTILAYER THIN FILM HYDROGEN GETTER

• DEGAZEUR D'HYDROGENE A FILM MINCE MULTICOUCHE

(71) RAYTHEON COMPANY [US/US]; A Corporation of the State of Delaware, 2000 E. El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US).

(72) KOVACS, Alan, L.; 3713 Roxanne Avenue, Long Beach, CA 90808 (US). PETER, Matthew, H.; Apt. 205, 3663 Cardiff, Los Angeles, CA 90034 (US). KETOLA, Kurt, S.; 1954 Purdue Avenue, Los Angeles, CA 90025 (US). LINDER, Jacques, F.; 27151 Pembina, Palos Verdes, CA 90275 (US).

(74) RAUFER, Colin; Raytheon Company, 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US) et al. / etc.

(81) IL.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H01L 23/316

(11) WO 03/028097 (13) A1

(21) PCT/JP02/09511

(22) 17 Sep/sep 2002 (17.09.2002)

(25) ja (26) ja

(30) 2001-292088 25 Sep/sep 2001 JP (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PRODUCTION METHOD FOR SEMICONDUCTOR DEVICE  
• PROCEDE DE PRODUCTION DE DISPOSITIF SEMI-CONDUCTEUR

(71) ROHM CO., LTD. [JP/JP]; 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP).

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(72, 75) NISHIYAMA, Norikazu [JP/JP]; 1-8-43-307, Shibahara-cho, Toyonaka-shi, Osaka 560-0055 (JP). UEYAMA, Korekazu [JP/JP]; 6-28-307, Hanayashiki, Tsutsuji-gaoka, Takarazuka-shi, Hyogo 665-0803 (JP). OKU, Yoshiaki [JP/JP]; c/o Rohm Co., Ltd., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> H01L 23/48, 23/50

(11) WO 03/028098 (13) A2

(21) PCT/US02/30484

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/325,354 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PROGRAMMABLE CHIP-TO-SUBSTRATE INTERCONNECT STRUCTURE AND DEVICE AND METHOD OF FORMING SAME

• STRUCTURE D'INTERCONNEXION PUCE-SUBSTRAT PROGRAMMABLE ET DISPOSITIF PERMETTANT DE FORMER CETTE STRUCTURE

(71) AXON TECHNOLOGIES CORPORATION [US/US]; 2625 South Plaza Drive, Suite 469, Tempe, AZ 85282 (US).

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

(72, 75) KOZICKI, Michael, N. [GB/US]; 14624 South 23rd Street, Phoenix, AZ 85048 (US).

(74) PILLOTE, Cynthia, L.; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004-2202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 23/498

(11) WO 03/028099 (13) A2

(21) PCT/US02/25312

(22) 8 Aug/août 2002 (08.08.2002)

(25) en (26) en

(30) 09/962,254 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ARRANGEMENT OF VIAS IN A SUBSTRATE TO SUPPORT A BALL GRID ARRAY

• CONFIGURATION DE VIAS DANS UN SUBSTRAT PERMETTANT DE SUPPORTER UNE GRILLE MATRICIELLE A BILLES

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 9552 (US).

(72) MCCORMICK, Carolyn; 2802 NE 9th Drive, Hillsboro, OR 97124 (US). JESSEP, Rebecca; 2485 SW Oakwood Drive, Dallas, OR 97338 (US). DUNGAN, John; 346 NE Merle Court, Hillsboro, OR 97124 (US). BOGGS, David; 2963 SE Cornutt Street, Hillsboro, OR 97123 (US). SATO, Daryl;

- 14127 NW Eagleridge Lane, Portland, OR 97229 (US).
- (74) **SKWIERAWSKI, PAUL, J.;** Antonelli, Terry, Stout & Kraus, LLP, 1300 North Seventeenth Street, Suite 1800, Arlington, VA 22209 (US) et al. / etc.
- (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01L 23/498, 21/48**
- (11) **WO 03/028100** (13) A2
- (21) PCT/US02/30625
- (22) **26 Sep/sep 2002 (26.09.2002)**
- (25) en (26) en
- (30) 09,965,555 **27 Sep/sep 2001 US (27.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **ENCAPSULATION OF PIN SOLDER FOR MAINTAINING ACCURACY IN PIN POSITION**
- **ENCAPSULATION DE JOINTS DE BRASURE DE BROCHES PERMETTANT DE MAINTENIR L'EXACTITUDE DE LA POSITION DES BROCHES**
- (71) **INTEL CORPORATION [US/US];** 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) **BERRY, Michele, J.;** 1882 Canary Way, Chandler, AZ 85248 (US).
- (74) **STEFFEY, Charles, E. et al. / etc.;** Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01L 23/528**
- (11) **WO 03/028101** (13) A2
- (21) PCT/FR02/03225
- (22) **20 Sep/sep 2002 (20.09.2002)**
- (25) fr (26) fr
- (30) 01/12263 **24 Sep/sep 2001 FR (24.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **METHOD OF PRODUCING A CONTACT SYSTEM ON THE REAR OF A COMPONENT WITH STACKED SUBSTRATES AND A COMPONENT EQUIPPED WITH ONE SUCH CONTACT SYSTEM**
- **PROCEDE DE REALISATION D'UNE PRISE DE CONTACT EN FACE ARRIERE D'UN COMPOSANT A SUBSTRATS EMPILEES ET COMPOSANT EQUIPE D'UNE TELLE PRISE DE CONTACT**
- (71) **COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR];** 31/33, rue de la Fédération, F-75752 Paris 15ème (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DANEL, Jean-Sébastien [FR/FR];** 61bis Avenue de la République, F-38130 Echirolles (FR).
- (74) **LEHU, Jean;** Brevatome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> **H01L 23/538**
- (11) **WO 03/028102** (13) A2
- (21) PCT/EP02/09706
- (22) **30 Aug/août 2002 (30.08.2002)**
- (25) de (26) de
- (30) 101 46 336.7 **20 Sep/sep 2001 DE (20.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **MODIFICATION OF THE FUNCTION OF A CHIP USING A MULTI-CHIP HOUSING**
- **MODIFICATION DE LA FONCTIONNALITE D'UNE PUCE PAR UTILISATION D'UN BOITIER A MULTIPUCE**
- (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) **POECHMUELLER, Peter [AT/US];** 59 Ford Lane, Colchester, VT 05546 (US).
- (74) **SCHOPPE, Fritz et al. / etc.;** Schoppe, Zimmerman, Stöckeler & Zinkler, Postfach 71 08 67, 81458 München (DE).
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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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • **MULTI-STACK SURFACE MOUNT LIGHT EMITTING DIODES**
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- (71) **INTEL CORPORATION [US/US];** 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) **RINALDI, Jarett, L.;** 2530 S.W. Lenore Drive, Beaverton, OR 97006 (US). **BOYD, Patrick;** 985 S.W. 206th Avenue, Aloha, OR 97006 (US). **LAVALLE, Alan;** 21613 S.W. Longacre Street, Beaverton, OR 97006 (US).
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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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • **SEMICONDUCTOR MEMORY WITH MEMORY CELLS COMPRISING A VERTICAL SELECTION TRANSISTOR AND METHOD FOR PRODUCTION THEREOF**
- **MEMOIRE A SEMI-CONDUCTEUR A CELLULES DE MEMOIRE COMPORTANT UN TRANSISTOR DE SELECTION VERTICAL, ET PROCEDE PERMETTANT DE LA PRODUIRE**
- (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) **LÜTZEN, Jörn [DE/DE];** Louis-Braille-Str. 3, 01099 Dresden (DE). **GOEBEL, Bernd [DE/DE];** Löbauer Strasse 10, 01099 Dresden (DE). **SCHUMANN, Dirk [DE/DE];** Rosskastanienweg 10, 16567 Schönfliess (DE). **GUTSCHE, Martin [DE/DE];** Dammerberg 18a, 84405 Dorfen (DE). **SEIDL, Harald [DE/DE];** Bodmerstrasse 5, 85622 Feldkirchen (DE). **POPP, Martin [DE/DE];** Selliner Strasse 17, 01109



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- (54) • ASSEMBLY FOR A THIN-FILM OPTICAL DEVICE, ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE AND METHOD OF MANUFACTURING SAME  
 • ASSEMBLAGE POUR DISPOSITIF OPTIQUE A COUCHES MINCES, DISPOSITIF D’AFFICHAGE ELECTROLUMINESCENT ORGANIQUE ET PROCEDE DE FABRICATION ASSOCIE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **DUINEVELD, Paulus, C.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
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- (54) • RF CIRCUITS INCLUDING TRANSISTORS HAVING STRAINED MATERIAL LAYERS  
 • CIRCUITS R.F. COMPRENANT DES TRANSISTORS A COUCHES DE MATERIAU CONTRAINTES
- (71) **AMBERWAVE SYSTEMS CORPORATION** [US/US]; 13 Garabedian Drive, Salem, NH 03079 (US).
- (72) **BRAITHWAITE, Glyn**; 1465 Hooksett Road, #186, Hooksett, NH 03106 (US). **HAMMOND, Richard**; 16 St Paul Street, Apt. 1, Cambridge, MA 02139 (US). **CURRIE, Matthew**; 8 Fletcher Road, Windham, NH 03087 (US).
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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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • SEMICONDUCTOR MEMORY ELEMENT ARRANGEMENT  
 • ENSEMBLE D’ELEMENTS DE MEMOIRE A SEMI-CONDUCTEURS
- (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) **HOFMANN, Franz** [DE/DE]; Herbergstr. 25 B, 80995 München (DE). **LUYKEN, Richard, Johannes** [DE/DE]; Böcklerweg 28, 81825 München (DE). **SPECHT, Michael** [DE/DE]; Schraudolphstr. 42, 80799 München (DE).
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- (54) • SEMICONDUCTOR DEVICE AND METHOD FOR FABRICATING THE SAME  
 • SEMI-CONDUCTEUR ET PROCEDE DE FABRICATION
- (71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
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- (54) • SILICON CARBIDE LATERAL METAL OXIDE SEMICONDUCTOR FIELD-EFFECT TRANSISTOR HAVING A SELF-ALIGNED DIRFT REGION AND METHOD FOR FORMING THE SAME  
 • TRANSISTOR A EFFET DE CHAMP SEMI-CONDUCTEUR A OXYDE METALLIQUE LATERAL DE CARBURE DE SILICIUM DOTE D’UNE REGION DE DERIVE AUTO-ALIGNEE ET PROCEDE DE FABRICATION CORRESPONDANT
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **DEV, Alok**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **RIK, Jos**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
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- (54) • SEMICONDUCTOR DEVICE  
 • SEMI-CONDUCTEUR
- (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) **YAMASHITA, Kenya** [JP/JP]; 16-1-419, Miyamae-cho, Kadoma-shi, Osaka

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- (54) • NONVOLATILE SEMICONDUCTOR MEMORY DEVICE AND ITS MANUFACTURING METHOD
- MEMOIRE A SEMI-CONDUCTEUR PERMANENTE ET PROCEDE DE FABRICATION
- (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) FUJIWARA, Ichiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). NOBUKATA, Hiromi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
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- (54) • SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE AND ITS MANUFACTURING METHOD
- DISPOSITIF DE CIRCUIT INTEGRE A SEMI-CONDUCTEUR ET SON PROCEDE DE FABRICATION
- (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) SHUKURI, Shoji [JP/JP]; c/o Semiconductor & Integrated Circuits, HITACHI, LTD., 20-1, Josuihoncho 5-chome, Kodaïra-shi, Tokyo 187-8588 (JP).
- (74) AKITA, Shuki; 2nd floor, Twintabata Bldg. B, 13-9, Higashi-Tabata 1-chome, Kita-ku, Tokyo 114-0013 (JP).
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- (54) • SEMICONDUCTOR DEVICE AND ITS MANUFACTURING METHOD
- DISPOSITIF A SEMI-CONDUCTEUR ET PROCEDE DE FABRICATION CORRESPONDANT
- (71) RICOH COMPANY, LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555 (JP).  
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- (72, 75) IWAI, Moriya [JP/JP]; 185, Sasakuracho, Kasai-shi, Hyogo 675-2443 (JP). YOSHIDA, Masaaki [JP/JP]; 1-M-1505, Mukogaoka 5-chome, Sanda-shi, Hyogo 669-1544 (JP). NAKANISHI, Hiroaki [JP/JP]; 3-64, Kouyoudai 3-chome, Kawanishi-shi, Hyogo 666-0115 (JP).
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- (54) • PHOTOVOLTAIC INSULATING GLAZING
- VITRAGE ISOLANT PHOTOVOLTAIQUE
- (71) GLASWERKE ARNOLD GMBH & CO.KG [DE/DE]; Alfred-Klingele-Strasse 15, 73630 Remshalden (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SCHMIDT, Christoph [DE/DE]; Rudolf-Virchow-Strasse 9, 91710 Gunzenhausen (DE).
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- (54) • PROCESS FOR CONVERTING LIGHT
- PROCEDE DE CONVERSION LUMINEUSE
- (71) BIOMED SOLUTIONS, LLC [US/US]; 150 Lucius Gordon Drive, Suite 215, West Henrietta, NY 14586 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MACDONALD, Stuart, G. [US/US]; 4663 East Lake Road, Pultneyville, NY 14538 (US).
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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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • ULTRA HIGH-SPEED PHOTOELECTRIC SIGNAL CONVERSION ELEMENT
- ELEMENT DE CONVERSION ULTRA-RAPIDE DE SIGNAUX PHOTOELECTRIQUES

- (71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigasaki 1-chome, Chiyoda-ku, Tokyo 100-0013 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IWAI, Shinichiro [JP/JP]; c/o National Institute of Advanced, Industrial Science and Technology, (AIST) Tsukuba Central 4, 1-1-1, Higashi, Tsukuba-shi, Ibaraki 305-8562 (JP). OKAMOTO, Hiroshi [JP/JP]; 4-1-12, Hakusan, Bunkyo-ku, Tokyo 112-0001 (JP). TOKURA, Yoshinori [JP/JP]; 1-20-9, Kasugacho, Nerima-ku, Tokyo 179-0074 (JP). KANEKO, Yoshio [JP/JP]; 189-10, Naganumacho, Inage-ku, Chiba-shi, Chiba 263-0005 (JP).
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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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • COMPOSITE OPTICAL ELEMENT AND LIGHT RECEIVING ELEMENT DEVICE  
• ELEMENT OPTIQUE COMPOSITE ET DISPOSITIF A ELEMENT PHOTORECEPTEUR
- (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) YOSHIDA, Hiroshi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TANIGUCHI, Tadashi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). OZAWA, Masafumi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
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- (54) • III GROUP NITRIDE QUANTUM DOT AND PRODUCTION METHOD THEREFOR  
• POINT QUANTIQUE DE NITRURE DU GROUPE III ET SON PROCEDE DE PRODUCTION
- (71) NAGOYA INDUSTRIAL SCIENCE RESEARCH INSTITUTE [JP/JP]; Nagoya Shokokaigisho Bldg. 9th Floor, 10-19, Sakae 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0008 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIRAMATSU, Kazumasa [JP/JP]; 1-4-22, Shibata, Yokkaichi-shi, Mie 510-0822 (JP). MIYAKE, Hideto [JP/JP]; 372-303, Nomura-cho, Hisai-shi, Mie 514-1113 (JP). YOSHIDA, Harumasa [JP/JP]; 623-15, Yanaka, Morimachi, Shuchi-gun, Shizuoka 437-0225 (JP).
- (74) KOBAYASHI, Youhei; 261-6, Yada, Kuwana-shi, Mie 511-0821 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H01L 33/00
- (11) WO 03/028119 (13) A2
- (21) PCT/US02/26335
- (22) 19 Aug/août 2002 (19.08.2002)
- (25) en (26) en
- (30) 09/963,101 25 Sep/sep 2001 US (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • LIGHT EMITTING DIODE WITH INTEGRATED HEAT DISSIPATER  
• DEL A DISSIPATEUR THERMIQUE INTEGRE
- (71, 72) SHIH, Kelvin [US/US]; 908 Devonshire Blvd., Brighton, MI 48116 (US).
- (74) SHIH, Anna, M. et al. / etc.; Carlson, Gaskey & Olds, P.C., 400 West Maple Road, Suite 350, Birmingham, MI 48009 (US).
- (81) CA JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> H01L 39/20, C01G 1/00, 3/00, C30B 29/22, H01B 12/06, 13/00, H01F 6/06
- (11) WO 03/028120 (13) A1
- (21) PCT/JP02/09741
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) ja (26) ja
- (30) 2001/288994 21 Sep/sep 2001 JP (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PERMANENT CURRENT SWITCH MATERIAL AND PRODUCTION METHOD THEREFOR  
• MATERIAU POUR COMMUTATEUR DE COURANT PERMANENT ET PROCEDE DE PRODUCTION DE CE DERNIER
- (71) INTERNATIONAL SUPERCONDUCTIVITY TECHNOLOGY CENTER, THE JURIDICAL FOUNDATION [JP/JP]; Eishin Kaihatsu Bldg. 6F, 5-34-3, Shinbashi, Minato-ku, Tokyo 105-0004 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IZUMI, Teruo [JP/JP]; c/o Superconductivity Research Laboratory, International Superconductivity Technology Center, 1-10-13, Shinonome, Koto-ku, Tokyo 135-0062 (JP). YAO, Xin [CN/JP]; c/o Superconductivity Research Laboratory, International Superconductivity Technology Center, 1-10-13, Shinonome, Koto-ku, Tokyo 135-0062 (JP). KAI, Masahiko [JP/JP]; c/o Superconductivity Research Laboratory, International Superconductivity Technology Center, 1-10-13, Shinonome, Koto-ku, Tokyo 135-0062 (JP). NOMURA, Katsumi [JP/JP]; c/o Superconductivity Research Laboratory, International Superconductivity Technology Center, 1-10-13, Shinonome, Koto-ku, Tokyo 135-0062 (JP). SHIOHARA, Yuh [JP/JP]; c/o Superconductivity Research Laboratory, International Superconductivity Technology Center, 1-10-13, Shinonome, Koto-ku, Tokyo 135-0062 (JP).
- (74) ADACHI, Tsutomu; Nagoyaseni Bldg. 7F, 9-27, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP).
- (81) KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> H01L 41/09
- (11) WO 03/028121 (13) A2
- (21) PCT/EP02/10624
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) de (26) de
- (30) 101 46 704.4 21 Sep/sep 2001 DE (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PIEZOELECTRIC MOTORS COMPRISING PIEZOELECTRIC ELEMENTS, PRODUCED ACCORDING TO A METHOD FOR PRODUCING CERAMIC CAPACITORS  
• MOTEURS PIEZOELECTRIQUES POURVUS D'ELEMENTS PIEZOELECTRIQUES, PRODUITS SELON LE PROCEDE DE PRODUCTION DES CONDENSATEURS CERAMIQUES

- (71) **ELLIPTEC RESONANT ACTUATOR AG** [DE/DE]; Meinhardstrasse 3, 44379 Dortmund (DE).  
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- (72, 75) **MAGNUSSEN, Björn** [DE/DE]; Auf der Ernst 43, 58638 Iserlohn (DE). **HAGEMANN, Benjamin** [DE/DE]; Rodachstr. 1a, 96317 Neuses/Kronach (DE). **SCHULER, Dieter** [DE/DE]; Fritz-Doppel-Strasse 11, 96215 Lichtenfels (DE). **DAVIDSON, Erick** [US/DE]; Flurstr. 1, 96257 Redwitz (DE).
- (74) **WOLFF, Felix**; Kutzenberger & Wolff, Theodor-Heuss-Ring 23, 59668 Köln (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **H01L 41/09**
- (11) **WO 03/028122** (13) A2
- (21) PCT/GB02/04370
- (22) **26 Sep/sep 2002 (26.09.2002)**
- (25) en (26) en
- (30) 0123294.1 **27 Sep/sep 2001 GB (27.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **PIEZOELECTRIC STRUCTURES**  
• **STRUCTURES PIEZO-ELECTRIQUES**
- (71) **1...LIMITED** [GB/GB]; St John's Innovation Centre, Cowley Road, Cambridge CB4 0WS (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TOPLISS, Richard** [GB/GB]; 43 Bishops Road, Trumpington, Cambridge CB2 2NQ (GB). **LIVINGSTONE, David** [GB/GB]; 71 Fowlmere Road, Heydon, Royston, Hertfordshire SG7 5NS (GB). **MATHESON, Andrew** [GB/US]; 6 Hurd Road, Belmont, MA 02478 (US). **MCKEVITT, Gareth** [CA/GB]; 12 Fen Road, Chesterton, Cambridge CB4 1TX (GB). **SHEPHERD, Mark, Richard** [GB/GB]; Clare House, 124 High Street, Meldreth, Ryston, Hertfordshire SG8 6BL (GB). **HOOLEY, Anthony** [GB/GB]; 79 De Freville Avenue, Cambridge CB4 1HP (GB).
- (74) **MERRYWEATHER, Colin, Henry et al.** / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **H01L 41/09, 41/24, G02B 26/02, 26/08**
- (11) **WO 03/028123** (13) A1
- (21) PCT/JP02/08159
- (22) **9 Aug/août 2002 (09.08.2002)**
- (25) ja (26) ja
- (30) 2001-277206 **12 Sep/sep 2001 JP (12.09.2001)**
- (30) 2002-8537 **17 Jan/jan 2002 JP (17.01.2002)**
- (30) 2002-227047 **5 Aug/août 2002 JP (05.08.2002)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **MATRIX TYPE PIEZOELECTRIC/ELECTROSTRICTIVE DEVICE AND ITS MANUFACTURING METHOD**  
• **DISPOSITIF PIEZOELECTRIQUE/ELECTROSTRICTIF DE TYPE MATRICIEL ET PROCEDE DE FABRICATION ASSOCIE**
- (71) **NGK INSULATORS, LTD.** [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).
- (72) **TAKEUCHI, Yukihisa**; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **WATANABE, Masashi**; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **KIMURA, Koji**; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **KAWAGUCHI, Tatsuo**; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).
- (74) **WATANABE, Kazuhira**; 3rd Fl., No.8 Kikuboshi Tower Building, 20-18, Asakusabashi 3-chome, Taito-ku, Tokyo 111-0053 (JP).
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> **H01L 45/00, 27/10, 29/06**
- (11) **WO 03/028124** (13) A1
- (21) PCT/JP02/09759
- (22) **24 Sep/sep 2002 (24.09.2002)**
- (25) ja (26) ja
- (30) 2001-292392 **25 Sep/sep 2001 JP (25.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **ELECTRIC DEVICE COMPRISING SOLID ELECTROLYTE**  
• **DISPOSITIF ELECTRIQUE COMPRENANT UN ELECTROLYTE SOLIDE**
- (71) **JAPAN SCIENCE AND TECHNOLOGY CORPORATION** [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). **RIKEN** [JP/JP]; 2-1, Hiro-sawa, Wako-shi, Saitama 351-0198 (JP). **NEC CORPORATION** [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAKAMOTO, Toshitsugu** [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). **AONO, Masakazu** [JP/JP]; 4-3-3, Kitashinagawa, Shinagawa-ku, Tokyo 140-0001 (JP). **HASEGAWA, Tsuyoshi** [JP/JP]; 2-2-8-501, Meguro, Meguro-ku, Tokyo 153-0063 (JP). **NAKAYAMA, Tomonobu** [JP/JP]; 463-6-502, Kinmei-cho, Soka-shi, Saitama 340-0052 (JP). **TERABE, Kazuya** [JP/JP]; 1-19-9-402, Bijyogi, Toda-shi, Saitama 335-0031 (JP). **KAWAURA, Hisao** [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). **SUGIBAYASHI, Naohiko** [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).
- (74) **GOTO, Yosuke et al.** / etc.; The Third Mori Building, 4-10, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).
- (81) CN JP US.
- 
- (51)<sup>7</sup> **H01L 51/30**
- (11) **WO 03/028125** (13) A2
- (21) PCT/US02/30704
- (22) **27 Sep/sep 2002 (27.09.2002)**
- (25) en (26) en
- (30) 09/966,961 **27 Sep/sep 2001 US (27.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **SUBSTITUTED PENTACENE SEMI-CONDUCTORS**  
• **SEMI-CONDUCTEUR CONSTITUE DE PENTACENE SUBSTITUE**
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **SMITH, Terrance, P.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **VOGEL, Dennis, E.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **VOGEL, Kim, M.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **WEISS, Lucy, C. et al.** / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (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) 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 SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG  
SI 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 IE IT LUMC NL PT SE SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(f) for all designations / pour toutes les  
designations

(51)<sup>7</sup> H01M 2/16, 10/04

(11) WO 03/028126 (13) A1

(21) PCT/JP02/09428

(22) 13 Sep/sep 2002 (13.09.2002)

(25) ja (26) ja

(30) 2001-289325 21 Sep/sep 2001 JP  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ENCLOSED LEAD BATTERY-USE  
SEPARATOR AND ECLOSED LEAD  
BATTERY

• SEPARATEUR DESTINE A ETRE UTI-  
LISE SUR UN ACCUMULATEUR AU  
PLOMB FERME ET ACCUMULATEUR  
AU PLOMB FERME

(71) NIPPON SHEET GLASS CO.,LTD.  
[JP/JP]; 7-28, 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) SUGIYAMA, Shoji [JP/JP]; c/o NIP-  
PON SHEET GLASS CO., LTD., 7-28, Ki-  
tahama 4-chome, Chuo-ku, Osaka-shi, Osaka  
541-0041 (JP). ASADA, Atsushi [JP/JP]; c/o  
NIPPON SHEET GLASS CO., LTD., 7-28,  
Kitahama 4-chome, Chuo-ku, Osaka-shi,  
Osaka 541-0041 (JP). NAGAKUBO, Shuhei  
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LTD., 7-28, Kitahama 4-chome, Chuo-ku,  
Osaka-shi, Osaka 541-0041 (JP).

(74) SHIGENO, Tsuyoshi; Nissin bldg., 9th  
floor, 5-10, Shinjuku 2-chome, Shinjuku-ku,  
Tokyo 160-0022 (JP).

(81) CA KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H01M 4/24

(11) WO 03/028127 (13) A1

(21) PCT/US02/04748

(22) 12 Feb/fév 2002 (12.02.2002)

(25) en (26) en

(30) PCT/US01/41678 10 Aug/août 2001 US  
(10.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SECONDARY BATTERY WITH AU-  
TOLYTIC DENDRITES

• ACCUMULATEUR SECONDAIRE  
AVEC DENDRITES AUTOLYTIQUES

(71) EDA, INC. [US/US]; 829 Heinz Street,  
Berkeley, CA 94710 (US).

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

(72, 75) CLARKE, Robert [US/US]; Eda, Inc.,  
74 Muth Drive, Orinda, CA 94563 (US).  
DOUGHERTY, Brian [US/US]; Eda, Inc.,  
1309 Mills Street, Apt. C, Menlo Park,

CA 94025 (US). HARRISON, Stephen  
[CA/CA]; Eda, Inc., 5352 Burrill, Shawini-  
gan, Québec G9B1B5 (CA). MILLING-  
TON, J., Peter [GB/GB]; Eda, Inc., 16  
Valley Road, Weaverham, Norwich, Cheshire  
CW8 3PP (GB). MOHANTA, Samaresh  
[GB/US]; Eda, Inc., 704 Bodega Court, Fre-  
mont, CA 94539 (US).

(74) FISH, Robert, D. et al. / etc.; RUTAN &  
TUCKER LLP, 611 Anton Blvd., Suite 1400,  
Costa Mesa, CA 92626 (US).

(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 (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 SD SE SG SI SK (Utility model  
/ modèle d'utilité) 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).

Published / Publiée : (b)

(51)<sup>7</sup> H01M 4/58, C04B 35/524, C09C 1/48

(11) WO 03/028128 (13) A2

(21) PCT/JP02/09672

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 2001-290775 25 Sep/sep 2001 JP  
(25.09.2001)

(30) 2001-360727 27 Nov/nov 2001 JP  
(27.11.2001)

(30) 60/358,375 22 Feb/fév 2002 US  
(22.02.2002)

(30) 60/358,376 22 Feb/fév 2002 US  
(22.02.2002)

(30) 2002-120322 23 Apr/avr 2002 JP  
(23.04.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CARBON MATERIAL, PRODUCTION  
METHOD AND USE THEREOF

• MATIERE CARBONE, PROCEDE DE  
PRODUCTION ET UTILISATION DE  
CETTE MATIERE

(71) SHOWA DENKO K.K. [JP/JP]; 13-9,  
Shiba Daimon 1-chome, Minato-ku, Tokyo  
105-8518 (JP).

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les États désignés sauf US)

(72, 75) SUDO, Akinori [JP/JP]; Corporate  
R & D Center, Showa Denko K.K., 5-1,  
Okawa-cho, Kawasaki-ku., Kawasaki-shi,  
Kanagawa 210-0858 (JP). SOTOWA, Chiaki  
[JP/JP]; Corporate R & D Center, Showa  
Denko K.K., 5-1, Okawa-cho, Kawasaki-ku.,  
Kawasaki-shi, Kanagawa 210-0858 (JP).

(74) OHIE, Kunihisa; Ohie Patent Office,  
Horiguchi No. 2 Building 7F, 2-6, Nihon-  
bashi Ningyocho 2-chome, Chuo-ku, Tokyo  
103-0013 (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 KE KG 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01M 4/62, 4/06, 6/06

(11) WO 03/028129 (13) A1

(21) PCT/JP02/08898

(22) 2 Sep/sep 2002 (02.09.2002)

(25) ja (26) ja

(30) 2001-291385 25 Sep/sep 2001 JP  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ALKALI DRY CELL

• PILE SECHE ALCALINE

(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) UMEBAYASHI, Takayuki [JP/JP];  
Room 238, Shofu-ryo, 3-14, Miyukihi-  
gashimachi, Neyagawa-shi, Osaka 572-0055  
(JP). ADACHI, Mitsuji [JP/JP]; 37-28,  
Katayamacho 3-chome, Suita-shi, Osaka  
564-0082 (JP).

(74) ISHII, Kazuo et al. / etc.; Kitahama-Ya-  
mamoto Building, 3-6, Kitahama 2-chome,  
Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(81) AU BR CA CN ID IN KR SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H01M 4/80

(11) WO 03/028130 (13) A1

(21) PCT/US02/30607

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 60/325,391 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CURRENT COLLECTOR STRUCTURE  
AND METHODS TO IMPROVE THE  
PERFORMANCE OF A LEAD-ACID  
BATTERY

• STRUCTURE DE COLLECTEUR DE  
COURANT ET PROCEDES POUR  
AMELIORER LES PERFORMANCES  
D'UN ACCUMULATEUR AU PLOMB

(71, 72) GYENGE, Elod [CA/CA]; Apr. 310,  
1930 West 3rd Avenue, Vancouver, British  
Columbia V6J 1L1 (CA). JUNG, Joey  
[CA/CA]; 972 51st Street, Delta, British  
Columbia V4M 3Z9 (CA). SNAPPER, Alvin,  
A. [US/US]; 2800 Cameo Circle, Las Vegas,  
NV 89107 (US).

(74) **BERG, Richard, P.** et al. / etc.; Ladas & Parry, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H01M 8/00

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(22) 13 Jul/juil 2002 (13.07.2002)

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(30) 101 42 212.1 29 Aug/août 2001 DE (29.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FUEL CELL, FUEL CELL STACK AND AN OPERATING METHOD FOR THE SAME

• PILE A COMBUSTIBLE, EMPILEMENT DE CELLULES ELECTROCHIMIQUES ET PROCEDE DE FONCTIONNEMENT DE CES DERNIERS

(71) FORSCHUNGSZENTRUM JÜLICH GMBH [DE/DE]; Wilhelm-Johnen-Strasse, 52425 Jülich (DE).

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(72, 75) WIPPERMANN, Klaus [DE/DE]; Wendelinusstrasse 41, 52428 Jülich (DE). CUDINA, Boris [DE/DE]; Eilendorferstrasse 100, 52078 Aachen (DE). DIVISEK, Jiri [DE/DE]; Gutenbergstrasse 34, 52428 Jülich (DE).

(74) FORSCHUNGSZENTRUM JÜLICH GMBH; Fachbereich Patente, 52425 Jülich (DE).

(81) CA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H01M 8/02

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(21) PCT/JP01/08148

(22) 19 Sep/sep 2001 (19.09.2001)

(25) ja (26) ja

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FUEL CELL DEVICE AND METHOD OF COOLING FUEL CELL

• DISPOSITIF DE PILE A COMBUSTIBLE ET PROCEDE DE REFROIDISSEMENT DE PILE A COMBUSTIBLE

(71) MITSUBISHI HEAVY INDUSTRIES, LTD. [JP/JP]; 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8315 (JP).

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(72, 75) TSUJI, Tadashi [JP/JP]; C/O TAKASAGO Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD., 1-1, Arai-cho Shinhama 2-chome, Takasago-shi, Hyogo 676-8686 (JP).

(74) KUDO, Minoru et al. / etc.; KADOYA BLD., 6F, 24-10, Minamiooi 6-chome, Shinagawa-ku, Tokyo 140-0013 (JP).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> H01M 8/02

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(21) PCT/JP02/07396

(22) 22 Jul/juil 2002 (22.07.2002)

(25) ja (26) ja

(30) 2001-285138 19 Sep/sep 2001 JP (19.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SEPARATOR FOR FUEL CELL

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(72, 75) OHTANI, Teruyuki [JP/JP]; KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). TSUJI, Makoto [JP/JP]; KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). UTSUNOMIYA, Masao [JP/JP]; KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

(74) SUENARI, Mikio; Hitachi 6th Building 4th floor, 6-14, Kyobashi 2-chome, Chuo-ku, Tokyo 104-0031 (JP).

(81) CA DE US.

(51)<sup>7</sup> H01M 8/02

(11) WO 03/028134 (13) A1

(21) PCT/JP02/07397

(22) 22 Jul/juil 2002 (22.07.2002)

(25) ja (26) ja

(30) 2001-285106 19 Sep/sep 2001 JP (19.09.2001)

(30) 2001-294572 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SEPARATOR FOR FUEL CELL AND METHOD FOR PREPARATION THEREOF

• SEPARATEUR DE PILE A COMBUSTIBLE ET PREPARATION CORRESPONDANTE

(71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).

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(72, 75) OHTANI, Teruyuki [JP/JP]; KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome,

Wako-shi, Saitama 351-0193 (JP). TSUJI, Makoto [JP/JP]; KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). UTSUNOMIYA, Masao [JP/JP]; KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

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(81) CA DE JP US.

(51)<sup>7</sup> H01M 8/02, 8/04, 8/10

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(21) PCT/JP02/09822

(22) 25 Sep/sep 2002 (25.09.2002)

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(30) 2002-262320 9 Sep/sep 2002 JP (09.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FUEL CELL AND ELECTRONIC DEVICE USING FUEL CELL

• PILE A COMBUSTIBLE ET DISPOSITIF ELECTRONIQUE UTILISANT LA DITE PILE A COMBUSTIBLE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) TAKAI, Yuichi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). WATANABE, Yasuhiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) KOIKE, Akira et al. / etc.; No.11 Mori Bldg., 6-4, Toranomon 2-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 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01M 8/04

(11) WO 03/028136 (13) A2

(21) PCT/DE02/02883

(22) 6 Aug/août 2002 (06.08.2002)

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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ELECTROLYTIC POLYMER MEMBRANE FUEL CELL AND METHOD FOR USING SAME
- PILE A COMBUSTIBLE A MEMBRANE POLYMERE ELECTROLYTIQUE ET PROCEDE D'UTILISATION
- (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) DOHLE, Hendrik [DE/DE]; Schroiffs-trasse 32, 52224 Stolberg (DE). BEWER, Thomas [DE/DE]; Peliserkerstrasse 49, 52068 Aachen (DE).
- (74) FORSCHUNGSZENTRUM JÜLICH GMBH; Fachbereich Patente, 52425 Jülich (DE).
- (81) CA US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H01M 8/04

(11) WO 03/028137 (13) A2

(21) PCT/DE02/03376

(22) 10 Sep/sep 2002 (10.09.2002)

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(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • METHOD AND DEVICE FOR OPERATING A FUEL CELL

- PROCEDE ET DISPOSITIF POUR EXPLOITER UNE PILE A COMBUSTIBLE

(71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Leonrodstrasse 54, 80636 München (DE).

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(71, 72) WAESCHKE, Ulf [DE/DE]; Priessnitzstr. 25, 01099 Dresden (DE). KUZNECOVS, Mihails [LV/DE]; Essener Str. 3, 01159 Dresden (DE). OTSCHIK, Peter [DE/DE]; Zum Marktsteig 17, 01728 Possendorf (DE).

(74) RAUSCHENBACH, Marion; Bienertstrasse 15, 01172 Dresden (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H01M 8/04

(11) WO 03/028138 (13) A1

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(25) en (26) en

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(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • FUNCTIONAL INTEGRATION OF MULTIPLE COMPONENTS FOR A FUEL CELL POWER PLANT

- INTEGRATION FONCTIONNELLE DE COMPOSANTS MULTIPLES DANS

UNE CENTRALE A PILES A COMBUSTIBLE

(71) UTC FUEL CELLS, LLC [US/US]; 195 Governor's Highway, South Windsor, CO 06074 (US).

(72) GRASSO, Albert, P.; 25 Hayes Road, Vernon, CT 06066 (US). VARTANIAN, George; 4 Hayes Avenue, Ellington, CT 06029 (US). VAN DINE, Leslie, L.; 117 Plymouth Lane, Manchester, CT 06040 (US). SAITO, Kazuo; 507 Chimney Sweep Hill Road, Glastonbury, CT 06033 (US). KABIR, Zakiul; 77 Chase Hollow Lane, Glastonbury, CT 06033 (US). ISOM, Joshua, D.; 200 west Road, Apt. 91, Ellington, CT 06029 (US).

(74) CRENSHAW, Henry, T., Jr.; Intellectual Property Attorney, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H01M 8/10

(11) WO 03/028139 (13) A2

(21) PCT/GB02/04242

(22) 18 Sep/sep 2002 (18.09.2002)

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(30) 0123109.1 26 Sep/sep 2001 GB (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • CELLS

- CELLULES

(71) VICTREX MANUFACTURING LIMITED [GB/GB]; Victrex Technology Centre, P.O. Box 4, Thornton Cleveleys, Lancashire FY5 4QD (GB).

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(72, 75) 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).

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

(51)<sup>7</sup> H01M 8/10

(11) WO 03/028140 (13) A2

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(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • ION-CONDUCTING POLYMERIC MATERIALS

- MATERIAUX POLYMERES CONDUCTEURS D'IONS

(71) VICTREX MANUFACTURING LIMITED [GB/GB]; Victrex Technology Centre, P.O. Box 4, Thornton Cleveleys, Lancashire FY5 4QD (GB).

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(72, 75) LOCKLEY, John, Edward [GB/GB]; 1st Floor Flat, 10 Rossmoyne Road, Lancaster LA1 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01M 8/24

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(22) 5 Sep/sep 2002 (05.09.2002)

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(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • SOLID OXIDE FUEL CELL COMPRESSION BELLOWS

- SOUFFLET DE COMPRESSION DESTINE A UNE PILE A COMBUSTIBLE OXYDE SOLIDE

(71) GLOBAL THERMOELECTRIC INC. [CA/CA]; 4908 - 52 Street S.E., Calgary, Alberta T2B 3R2 (CA).

(72) GORBELL, Brian; c/o 4908 - 52 Street S.E., Calgary, Alberta T2B 3R2 (CA). TALBOT, Craig; c/o 4908 - 52 Street S.E., Calgary, Alberta T2B 3R2 (CA).

(74) BENNETT JONES LLP; 1000 ATCO Centre, 10035 - 105 Street, Edmonton, Alberta T5J 3T2 (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01M 10/28, 4/32, 4/24, 4/26
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- (30) 2001-284489 19 Sep/sep 2001 JP (19.09.2001)
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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • THREE-DIMENSIONAL CELL, ITS ELECTRODE STRUCTURE, AND METHOD FOR MANUFACTURING ELECTRODE MATERIAL OF THREE-DIMENSIONAL CELL
- CELLULE TRIDIMENSIONNELLE, SA STRUCTURE D'ELECTRODES, ET PROCEDE DE FABRICATION DE MATIERE D'ELECTRODE DE CELLULE TRIDIMENSIONNELLE
- (71) KAWASAKI JUKOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 650-8670 (JP). OSAKA GAS CO., LTD. [JP/JP]; 1-2, Hiranomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).  
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- (72, 75) TSUTSUMI, Kazuo [JP/JP]; 3-25-10, Kitayamadai, Nishi-ku, Kobe-shi, Hyogo 651-2215 (JP). NISHIMURA, Kazuya [JP/JP]; 3-1-12-206, Hayashi, Akashi-shi, Hyogo 673-0034 (JP). MITSUDA, Susumu [JP/JP]; 98-97, Tamaki, Sannancho, Hikami-gun, Hyogo 669-3122 (JP).
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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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01M 10/40, 14/00, H01G 9/00, H01B 1/06, H01L 31/04, G01N 27/46, C08G 65/04
- (11) WO 03/028143 (13) A1
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- (30) 2001-289367 21 Sep/sep 2001 JP (21.09.2001)
- (30) 2001-289368 21 Sep/sep 2001 JP (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MODIFIED POLYVINYL ACETAL RESIN
- RESINE D'ACETAL POLYVINYLIQUE MODIFIE
- (71) SEKISUI CHEMICAL CO., LTD. [JP/JP]; 4-4, Nishitenma 2-chome, Kita-ku, Osaka-shi, Osaka 530-8565 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MIYAKE, Yoshitaka [JP/JP]; c/o Sekisui Chemical Co., Ltd., 1259, Izumi, Minakuchicho, Koka-gun, Shiga 528-8585 (JP). SAWADA, Masakazu [JP/JP]; c/o Sekisui Chemical Co., Ltd., 1259, Izumi, Minakuchicho, Koka-gun, Shiga 528-8585 (JP).
- (74) YASUTOMI, Yasuo; Chuo BLDG., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01M 10/40, 14/00, H01G 9/00, H01B 1/06, H01L 31/04, G01N 27/406, C08G 65/04
- (11) WO 03/028144 (13) A1
- (21) PCT/JP02/09699
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) ja (26) ja
- (30) 2001-288844 21 Sep/sep 2001 JP (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ELEMENT USING POLYMER GEL ELECTROLYTE
- ELEMENT UTILISANT UN GEL POLYMERE ELECTROLYTIQUE
- (71) DAISO CO., LTD. [JP/JP]; 10-8, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).  
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- (72, 75) NAKAMURA, Seiji [JP/JP]; c/o DAISO CO., LTD., 10-8, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP). TABUCHI, Masato [JP/JP]; c/o DAISO CO., LTD., 10-8, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP). SAKAI, Takaaki [JP/JP]; c/o DAISO CO., LTD., 10-8, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP). MIURA, Katsuhito [JP/JP]; c/o DAISO CO., LTD., 10-8, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP). MURAKAMI, Satoshi [JP/JP]; c/o DAISO CO., LTD., 10-8, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).
- (74) AOYAMA, Tamotsu et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).
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- (11) WO 03/028145 (13) A2
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- (25) en (26) en
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- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • GRAFT OLIGOMERIC ELECTROLYTES
- ELECTROLYTES OLIGOMERES GREFFES
- (71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BLAU, Hanne, Anna, Katharina [DE/US]; 1325 West 10th Street, Wilmington, DE 19806 (US). RODRIGUEZ-PARADA, Jose, Manuel [US/US]; 160 Ramunno Circle, Hockessin, DE 19707 (US). LIN, Pui-Yan [US/US]; 26 Robin Drive, Hockessin, DE 19707 (US).
- (74) SIEGELL, Barbara, C.; E.I. DUPONT DE NEMOURS AND COMPANY, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01P 1/203
- (11) WO 03/028146 (13) A1
- (21) PCT/US02/31118
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en



- (30) 60/325,701 **27 Sep/sep 2001** US  
(27.09.2001)
- (30) 60/413,009 **23 Sep/sep 2002** US  
(23.09.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ELECTRICALLY TUNABLE BAND-PASS FILTERS  
• FILTRES PASSE-BANDE SYNTONISABLES PAR VOIE ELECTRIQUE
- (71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (72) TONCICH, Stanley S.; 11155 Spooner Court, San Diego, CA 92131 (US).
- (74) WADSWORTH, Philip R. et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H01P 11/00  
(11) WO 03/028147 (13) A1  
(21) PCT/US02/25012  
(22) 7 Aug/août 2002 (07.08.2002)  
(25) en (26) en  
(30) 09/963,637 **27 Sep/sep 2001** US  
(27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • WAVEGUIDE IN A PRINTED CIRCUIT BOARD  
• GUIDE D'ONDES FORME DANS UNE CARTE A CIRCUIT IMPRIME
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) BRIST, Gary; 8300 NE Highway 240, Yamhill, OR 97148 (US). MEJIA, Charles; 3321 SW Vesta Court, Portland, OR 97219 (US). ALGER, William; 204 NW 110th Avenue, Portland, OR 97229 (US). LONG, Gary; 6778 SW 174th, Aloha, OR 97007 (US).
- (74) SKWIERAWSKI, Paul, J.; Antonelli, Terry, Stout & Kraus, LLP, Suite 1800, 1300 North Seventeenth Street, Arlington, VA 22209 (US) et al. / etc.
- (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01Q 1/24, 5/01, 1/38  
(11) WO 03/028149 (13) A1  
(21) PCT/JP02/09573  
(22) 18 Sep/sep 2002 (18.09.2002)  
(25) ja (26) ja  
(30) 2001-291604 **25 Sep/sep 2001** JP  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ANTENNA DEVICE AND COMMUNICATION EQUIPMENT USING THE DEVICE  
• DISPOSITIF D'ANTENNE ET EQUIPEMENT DE COMMUNICATION UTILISANT CE DISPOSITIF
- (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) IGUCHI, Akihiko [JP/JP]; 1-16-22-316, Kikusuidori, Moriguchi-shi, Osaka 570-0032 (JP). SATOH, Yuki [JP/JP]; 1-4-11-602, Uchiawajimachi, Chuo-ku, Osaka-shi, Osaka 540-0038 (JP). FUKUSHIMA, Susumu [JP/JP]; 6-5-407, Myokenzaka, Katano-shi, Osaka 576-0021 (JP).
- (74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> H01Q 1/28, 3/04  
(11) WO 03/028150 (13) A1  
(21) PCT/US02/28740  
(22) 9 Sep/sep 2002 (09.09.2002)  
(25) en (26) en  
(30) 09/965,668 **27 Sep/sep 2001** US  
(27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND APPARATUS FOR MOUNTING A ROTATING REFLECTOR ANTENNA  
• PROCEDE ET DISPOSITIF DE MONTAGE D'UNE ANTENNE A REFLECTEUR ROTATIF
- (71) THE BOEING COMPANY [US/US]; P.O. Box 3707, M/S 13-08, Seattle, WA 98124-2207 (US).
- (72) DESARGANT, Glen, J.; 3045 Greenview Place, Fullerton, CA 92835 (US). BIEN, Albert, Louis; 6673 Pasco Del Norte, Anaheim, CA 92807 (US).
- (74) GALBRAITH, Ann, K.; The Boeing Company, P.O. Box 3707, M/S 13-08, Seattle, WA 98124-2207 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H01Q 1/32, 1/12, 13/10  
(11) WO 03/028151 (13) A1  
(21) PCT/EP02/10399  
(22) 17 Sep/sep 2002 (17.09.2002)  
(25) en (26) en  
(30) 101 46 439.8 **20 Sep/sep 2001** DE  
(20.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DOUBLE ON-GLASS SLOT ANTENNA  
• DOUBLE ANTENNE A FENTE SUR VERRE
- (71) PILKINGTON AUTOMOTIVE DEUTSCHLAND GMBH [DE/DE]; Otto-Seeling-Str. 7, 58455 Witten (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BARANSKI, Detlef [DE/DE]; Land-schuetzstrasse 37, 45663 Recklinghausen (DE).
- (74) HALLIWELL, Anthony, Charles; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H01Q 1/32
- (11) WO 03/028152 (13) A1
- (21) PCT/US02/29208
- (22) 13 Sep/sep 2002 (13.09.2002)
- (25) en (26) en
- (30) 60/324,337 24 Sep/sep 2001 US (24.09.2001)
- (30) 10/175,770 20 Jun/juin 2002 US (20.06.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • GLASS-MOUNTED COUPLER AND PASSIVE GLASS-MOUNTED ANTENNA FOR SATELLITE RADIO APPLICATIONS
- COUPLEUR MONTE SUR VERRE ET ANTENNE PASSIVE MONTEE SUR VERRE POUR APPLICATIONS RADIO PAR SATELLITE
- (71) ALLEN TELECOM INC. [US/US]; 25101 Chagrin Boulevard, Beachwood, OH 44122-5687 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) HADZOGLOU, James [US/US]; 1417 Belrose Road, Mayfield Heights, OH 44124 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TRUTHAN, Robert [US/US]; 2468 Wyandotte Avenue, Cuyahoga Falls, OH 44223 (US).
- (74) SUFRIN, Barry, W. et al. / etc.; Michael Best & Friedrich LLC, Suite 900, 401 North Michigan Avenue, Chicago, IL 60611 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
- GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)<sup>7</sup> H01Q 3/26
- (11) WO 03/028153 (13) A1
- (21) PCT/US02/30896
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en
- (30) 09/967,767 28 Sep/sep 2001 US (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • FREQUENCY DEPENDENT CALIBRATION OF A WIDEBAND RADIO SYSTEM USING NARROWBAND CHANNELS
- ETALONNAGE EN FONCTION DE LA FREQUENCE D'UN SYSTEME RADIO LARGE BANDE UTILISANT DES CANAUX A BANDE ETROITE
- (71) ARRAYCOMM, INC. [US/US]; Suite 200, 2480 North First Street, San Jose, CA 95131 (US).
- (72) LINDSKOG, Erik, D.; 674 Kirkland Drive, #6, Sunnyvale, CA 94087 (US). TROTT, Mitchell, D.; 216 Central Avenue, Mountain View, CA 94043 (US). KERR, Adam, B.; 64F Escondido Village, Stanford, CA 94305 (US).
- (74) CALDWELL, Gregory, D. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01Q 3/46, 15/14, 19/10
- (11) WO 03/028154 (13) A1
- (21) PCT/US02/26742
- (22) 22 Aug/août 2002 (22.08.2002)
- (25) en (26) en
- (30) 09/965,206 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PLANAR REFLECTOR
- REFLECTEUR PLAN
- (71) RAYTHEON COMPANY [US/US]; Building 807 (M/S F8), P.O. Box 11337, Tucson, AZ 85734 (US).
- (72) CROUCH, David; 940 Caribou Circle, Corona, CA 92881 (US). DOLASH, William, E.; 4361 Mission Blvd., 165 SP, Montclair, CA 91763 (US).
- (74) MURPHY, Cynthia, S.; Renner, Otto, Boisselle & Sklar, LLP, 1621 Euclid Avenue, Nineteenth Floor, Cleveland, OH 44115 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> H01Q 7/00, 1/52, G01S 13/75, G08G 1/00, G05D 1/02, E01F 11/00, H04B 1/59
- (11) WO 03/028155 (13) A1
- (21) PCT/JP02/09883
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) ja (26) ja
- (30) 2001-293786 26 Sep/sep 2001 JP (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ELECTROMAGNETIC WAVE MARKER AND ELECTROMAGNETIC WAVE MARKER SYSTEM
- MARQUEUR A ONDES ELECTROMAGNETIQUES ET SYSTEME DE MARQUAGE A ONDES ELECTROMAGNETIQUES
- (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) HANDA, Satoru [JP/JP]; 1-1-4, Kitayamato, Ikoma-shi, Nara 630-0121 (JP). YASUI, Keiji [JP/JP]; 3-11-5, Keyakizaka, Kawanishi-shi, Hyogo 666-0145 (JP). NOMURA, Koichi [JP/JP]; 1-3-1-715, Nishimidorigaoka, Toyonaka-shi, Osaka 560-0005 (JP). TANJI, Yoshihiko [JP/JP]; 6-7-13, Kofudai, Toyono-cho, Toyono-gun, Osaka 563-0104 (JP).
- (74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)

- (51)<sup>7</sup> H01Q 13/10  
(11) WO 03/028156 (13) A2  
(21) PCT/IB02/03923  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) nl (26) en  
(30) 1019022 24 Sep/sep 2001 NL  
(24.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • PATCH FED PRINTED ANTENNA  
• ANTENNE A CIRCUITS IMPRIMES  
ALIMENTEE PAR PLAQUE  
(71) THALES NEDERLAND B.V. [NL/NL];  
Zuidelijke Havenweg 40, NL-7550 GD Hen-  
gelo (NL).  
(for all designated States except / pour tous  
les États désignés sauf US)  
(72, 75) VAN DER POEL, Stephanus, Hen-  
drikus [NL/FR]; Thales Intellectual Property,  
13 av. du Prés. Salvador Allende, F-94117  
Arcueil Cedex (FR).  
(74) DUDOUIT, Isabelle et al. / etc.; Thales In-  
tellectual Property, 13, avenue du Prés. Sal-  
vador Allende, F-94117 Arcueil Cedex (FR).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> H01Q 15/00, 5/00, 19/06  
(11) WO 03/028157 (13) A1  
(21) PCT/FR02/03190  
(22) 18 Sep/sep 2002 (18.09.2002)  
(25) fr (26) fr  
(30) 01/12279 24 Sep/sep 2001 FR  
(24.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • BROADBAND OR MULTIBAND AN-  
TENNA  
• ANTENNE A LARGE BANDE OU  
MULTI-BANDES  
(71) 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) JECKO, Bernard, Jean, Yves [FR/FR];  
4, rue Jean Rostand, F-87570 Rilhac Rancon  
(FR). CHEYPE, Cyril [FR/FR]; 14, route de  
Boisse, F-19370 Chamberet (FR). SERIER,  
Cédric [FR/FR]; 7, rue Vincent Aurioi,  
F-87300 Bellac (FR). THEVENOT, Marc  
[FR/FR]; Place de la Mairie, F-87510 Peril-  
hac (FR). MONEDIERE, Thierry [FR/FR];  
6, rue Emile de Girardin, F-FRANCE Limog-  
es (FR).  
(74) FRECHEDE, 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  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> H01R  
(11) WO 03/028158 (13) A2  
(21) PCT/DE02/02861  
(22) 3 Aug/août 2002 (03.08.2002)  
(25) de (26) de  
(30) PR 7433 3 Sep/sep 2001 AU  
(03.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • CLAMP FOR AN ELECTRICAL CON-  
NECTION  
• BRIDE DE FIXATION POUR UNE  
CONNEXION ELECTRIQUE  
(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) EVANS, Stephen [AU/AU]; 9 Mc Cub-  
bin Terrace, East Doncaster, VIC 3109 (AU).  
(81) AU US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).
- (51)<sup>7</sup> H01R  
(11) WO 03/028160 (13) A2  
(21) PCT/US02/29877  
(22) 21 Sep/sep 2002 (21.09.2002)  
(25) en (26) en  
(30) 60/324,112 21 Sep/sep 2001 US  
(21.09.2001)  
(30) 09/997,967 28 Nov/nov 2001 US  
(28.11.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • HIGH CURRENT AUTOMOTIVE  
ELECTRICAL CONNECTOR AND  
TERMINAL  
• CONNECTEUR ET BORNE A COU-  
RANT ELEVE POUR AUTOMOBILE  
(71) TYCO ELECTRONICS CORPORA-  
TION [US/US]; 2901 Fulling Mill Road,  
Middletown, PA 17057 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)  
(72, 75) ALLGOOD, Christopher, Lee  
[US/US]; 2634 Leonard Road, Lexington,  
NC 27051 (US). GRUBBS, Jimmy, Glenn  
[US/US]; 4816 Swain Lane, Walkertown,  
NC 27051 (US). PATTERSON, Jeremy,  
Christin [US/US]; 5141 Hicone Road,  
Mcleansville, NC 27301 (US). YURKO,  
Garold, Michael [US/US]; 3817 Wind-  
stream Way, Jamestown, NC 27282 (US).  
(74) TESSARI, Joseph, A. et al. / etc.; Tyco  
Technology Resources, Suite 450, 4550 New  
Linden Hill Road, Wilmington, DE 19808  
(US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> H01R 4/48  
(11) WO 03/028161 (13) A1  
(21) PCT/AT02/00278  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) de (26) de  
(30) A 1514/2001 25 Sep/sep 2001 AT  
(25.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • DEVICE FOR ELECTRICAL CONNec-  
TION  
• DISPOSITIF DE CONNEXION ELEC-  
TRIQUE  
(71) PC ELECTRIC GES.M.B.H [AT/AT];  
Diessseits 145, A-4973 St. Martin i.L. (AT).  
(for all designated States except / pour tous  
les États désignés sauf US)  
(72, 75) EHRlich, Robert [AT/AT]; Karl-Loy-  
Strasse 24, A-4600 Wels (AT). IRSIGLER,

- Thomas [AT/AT]; Gregor Stangl Strasse 7c, A-4780 Schärding (AT).
- (74) KLIMENT, Peter; Singerstrasse 8, A-1010 Wien (AT).
- (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> H01R 9/26
- (11) WO 03/028162 (13) A1
- (21) PCT/FR02/03314
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) fr (26) fr
- (30) 01440316.6 27 Sep/sep 2001 EP (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DOUBLE CONNECTION TERMINAL STRIP FOR MODULAR ELECTRICAL APPARATUS
- BORNIER DE CONNEXION DOUBLE POUR APPAREIL ELECTRIQUE MODULAIRE
- (71) HAGER ELECTRO S.A. [FR/FR]; Boulevard d'Europe, BP 3, F-67215 Obernai Cedex (FR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DIETRICH, Christian [FR/FR]; 4, rue du Vignoble, F-67140 Gertwiller (FR). HOUDE, Christian [FR/FR]; 7, rue de la Tuilerie, F-67210 Bernardswiller (FR). BOROS, Ligia [FR/FR]; 3, rue du Luxembourg, F-67700 Saverne (FR). ALBE, Pierre [FR/FR]; 19a, route d'Obernai, F-67530 Boersch (FR).
- (74) LITTOLFF, Denis; 20, place des Halles, Bureaux Europe, F-67000 Strasbourg (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H01R 11/26
- (11) WO 03/028163 (13) A1
- (21) PCT/JP02/09936
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) en (26) en
- (30) NO. 2001-293999 26 Sep/sep 2001 JP (26.09.2001)
- (30) NO. 2002-256079 30 Aug/août 2002 JP (30.08.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METAL TERMINAL WITH WEAKENED PART
- BORNE METALLIQUE A PIECE FRAGLISEE
- (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) ONO, Shuji [JP/JP]; c/o Yazaki Parts Co., Ltd., 2464-48, Washizu, Kosai-shi, Shizuoka 431-0431 (JP). ARAI, Hiroaki [JP/JP]; c/o Yazaki Parts Co., Ltd., 2464-48, Washizu, Kosai-shi, Shizuoka 431-0431 (JP). GOTO, Hiroki [JP/JP]; c/o Yazaki Parts Co., Ltd., 2464-48, Washizu, Kosai-shi, Shizuoka 431-0431 (JP). TAKAMATSU, Masahiro [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). NOMURA, Koji [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). TAKEUCHI, Shyunsaku [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). ITO, Keichi [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). TSUKAMOTO, Yoshihide [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). WAKUI, Masanori [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). YONEYAMA, Isao [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).
- (74) MIYOSHI, Hidekazu et al. / etc.; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- (51)<sup>7</sup> H01R 12/32
- (11) WO 03/028164 (13) A1
- (21) PCT/DE02/03502
- (22) 18 Sep/sep 2002 (18.09.2002)
- (25) de (26) de
- (30) 101 47 478.4 26 Sep/sep 2001 DE (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CONNECTION BETWEEN A PRINTED CONDUCTOR AND AN ELECTRIC CONTACT SURFACE AND PRODUCTION METHOD
- CONNEXION ENTRE UNE PISTE CONDUCTRICE ET UNE SURFACE DE CONTACT ELECTRIQUE ET SON PROCEDE DE PRODUCTION
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHWARZBAUER, Herbert [DE/DE]; Kössener Strasse 13a, 81373 München (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT 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)<sup>7</sup> H01R 12/32, 4/04, 11/01, H05K 1/11
- (11) WO 03/028165 (13) A1
- (21) PCT/JP02/09260
- (22) 11 Sep/sep 2002 (11.09.2002)
- (25) ja (26) ja
- (30) 2001-285436 19 Sep/sep 2001 JP (19.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • WIRING BOARD HAVING TERMINAL
- TABLEAU DE CONNEXIONS A BORNIER
- (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) TAKENAKA, Masatoshi [JP/JP]; 18-33, Fujii, Mikata-cho, Mikata-gun, Fukui 919-1311 (JP). HATO, Minoru [JP/JP]; 2-55-7, Fujisakatomomachi, Hirakata-shi, Osaka 573-0157 (JP). OKUMA, Shinji [JP/JP]; 1-21-5, Igomori, Obama-shi, Fukui 917-0027 (JP).
- (74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (81) CN KR US.
- (51)<sup>7</sup> H01R 13/44
- (11) WO 03/028166 (13) A1
- (21) PCT/US02/30606
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) en (26) en

- (30) 60/325,156 **25 Sep/sep 2001** US  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • COMMUNICATIONS JACK PROTECTOR  
• PROTECTION POUR FICHE DE COMMUNICATION
- (71, 72) VALENTINE, Jim [US/US]; 23239 Valley Circle Blvd., Chatsworth, CA 91311 (US).
- (74) FISH, Robert et al. / etc.; Rutan & Tucker, LLP, P.O. Box 1950, 14th Floor, 611 Anton Blvd., Costa Mesa, CA 92628-1950 (US).
- (81) AE AG AL AM AT 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> H01R 13/52
- (11) WO 03/028167 (13) A1
- (21) PCT/DE02/02534
- (22) 11 Jul/juil 2002 (11.07.2002)
- (25) de (26) de
- (30) 101 43 957.1 **7 Sep/sep 2001** DE  
(07.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SEALING DEVICE FOR ELECTRICAL PLUG CONNECTORS  
• DISPOSITIF D'ETANCHEITE CONÇU POUR DES CONNECTEURS ELECTRIQUES ENFICHABLES
- (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) DENNELER, Werner [DE/DE]; Stumpfenhof 70, 73207 Plochingen (DE). IHRING, Thomas [DE/DE]; Fichtenstrasse 7, 71149 Bondorf (DE). STEINHAUSER, Uwe [DE/DE]; Groetzinger Strasse 49, 70794 Filderstadt (DE).
- (81) BR KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)<sup>7</sup> H01R 13/645
- (11) WO 03/028168 (13) A1
- (21) PCT/US02/28528
- (22) 6 Sep/sep 2002 (06.09.2002)
- (25) en (26) en
- (30) 09/960,170 **21 Sep/sep 2001** US  
(21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)

- (54) • POLARIZED CONNECTOR FOR FLAT FLEXIBLE CIRCUITRY  
• CONNECTEUR POLARISE POUR CIRCUITS FLEXIBLES PLATS
- (71) MOLEX INCORPORATED [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US).
- (72) LEPOTTIER, Yves; 862 University Place, Grosse Pointe, MI 48230 (US). FUERST, Robert, M.; 2606 Alden Court, West Bloomfield, MI 48324 (US). PFAFFINGER, David, A.; 3286 Grange Hall Road, Holly, MI 48442 (US). LOHMAN, Jonathan, D.; 131 Arbor Avenue, West Chicago, IL 60185 (US).
- (74) CALDWELL, Stacey, E.; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- Published / Publiée : (c)
- (51)<sup>7</sup> H01R 13/648
- (11) WO 03/028169 (13) A1
- (21) PCT/JP02/09869
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) ja (26) ja
- (30) 2001-290975 **25 Sep/sep 2001** JP  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CONNECTOR FOR HIGH-RATE TRANSMISSION  
• CONNECTEUR ASSURANT UNE TRANSMISSION A HAUT DEBIT
- (71) MOLEX INCORPORATED [US/US]; 2222 WELLINGTON COURT, LISLE, IL 60532-1682 (US).  
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) NIITSU, Toshihiro [JP/JP]; c/o MOLEX JAPAN CO., LTD., 5-4, Fukami-higashi 1-chome, Yamato-shi, Kanagawa 242-8585 (JP). MATSUZAKI, Shinichi [JP/JP]; c/o MOLEX JAPAN CO., LTD., 5-4, Fukami-higashi 1-chome, Yamato-shi, Kanagawa 242-8585 (JP).
- (74) TOYAMA, Tsutomu et al. / etc.; Yokoyama Building 6th floor, 4-10, Higashinonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> H01R 13/713
- (11) WO 03/028170 (13) A1
- (21) PCT/IT02/00603
- (22) 23 Sep/sep 2002 (23.09.2002)
- (25) en (26) en
- (30) NU2001U000005 **24 Sep/sep 2001** IT  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • THERMIC PROTECTION ELECTRIC COMPONENT  
• COMPOSANT ELECTRIQUE DE PROTECTION THERMIQUE
- (71, 72) PINNA, Salvatore [IT/IT]; Via Cagliari, 19, I-08100 Nuoro (IT).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- Declaration / Déclaration :  
(u) for / pour US only / seulement

- (51)<sup>7</sup> H01R 39/38
- (11) WO 03/028171 (13) A1
- (21) PCT/DE02/03094
- (22) 23 Aug/août 2002 (23.08.2002)
- (25) de (26) de
- (30) 101 46 568.8 **21 Sep/sep 2001** DE  
(21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • BRUSH HOLDER FOR AN ELECTRICAL MACHINE  
• PORTE-BALAI POUR UNE MACHINE ELECTRIQUE
- (71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
- (72) WEHRLE, Andreas; Untere Au 33, 77652 Offenburg (DE).
- (81) JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)<sup>7</sup> H01S
- (11) WO 03/028172 (13) A2
- (21) PCT/US02/27439
- (22) 28 Aug/août 2002 (28.08.2002)
- (25) en (26) en
- (30) 09/963,607 **24 Sep/sep 2001** US  
(24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • STEP-TUNABLE EXTERNAL-CAVITY SURFACE-EMITTING SEMICONDUCTOR LASER  
• LASER SEMI-CONDUCTEUR A SURFACE EMETTRICE A CAVITE EXTERNE ACCORDABLE PAR ETAPES
- (71) COHERENT, INC. [US/US]; 5100 Patrick Henry Drive, Santa Clara, CA 95056-0980 (US).

- (72) SPINELLI, Luis, A.; 545 C. East McKinley, Sunnyvale, CA 94086 (US). CHILLA, Juan, L.; 330 North Mathilda Avenue, #801, Sunnyvale, CA 94086 (US). CAPRARA, Andrea; Apartment 2, 775 Menlo Avenue, Menlo Park, CA 94025 (US). ATHERTON, Briggs; P.O. Box 183, Derry, NH 03038 (US).
- (74) STALLMAN, Michael, A. et al. / etc.; Stallman & Pollock L.L.P., Suite 290, 121 Spear Street, San Francisco, CA 94105 (US).
- (81) JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> H01S 1/02, G01N 21/01, 21/35
- (11) WO 03/028173 (13) A1
- (21) PCT/JP02/09687
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) ja (26) ja
- (30) 2001-290188 21 Sep/sep 2001 JP (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • TERAHERTZ LIGHT APPARATUS  
• APPAREIL D'ÉCLAIRAGE TERAHERTZ
- (71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). TOCHIGI NIKON CORPORATION [JP/JP]; 770, Midori, Otawara-shi, Tochigi 324-8625 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) USAMI, Mamoru [JP/JP]; C/O Tochigi Nikon Corporation, 770, Midori, Ohtawara-shi, Tochigi 324-8625 (JP).
- (74) NAGAI, Fuyuki; Kazan Building, 3-2-4, Kasumigasaki, 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01S 3/00
- (11) WO 03/028174 (13) A2
- (21) PCT/US02/26295
- (22) 16 Aug/août 2002 (16.08.2002)
- (25) en (26) en
- (30) 09/957,790 21 Sep/sep 2001 US (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CO<sub>2</sub> SLAB LASER HAVING ELECTRODE ASSEMBLY INCLUDING VENTILATED INSULATORS  
• LASER CO<sub>2</sub> A PLAQUE COMPORTANT UN ENSEMBLE ELECTRODE
- INCLUANT DES ISOLANTS VENTILES
- (71) COHERENT, INC. [US/US]; 5100 Patrick Henry Drive, Santa Clara, CA 95056-0980 (US).
- (72) SHACKLETON, Christian, J.; 18122 Virginia Drive, Santa Clara, CA 95033 (US). GARDNER, Philip; 22811 Stonebridge, Cupertino, CA 95014 (US). BRAND, William, Clayton; 22 Finchwell Court, San Jose, CA 95138 (US).
- (74) STALLMAN, Michael, A. et al. / etc.; Stallman & Pollock L.L.P., Suite 290, 121 Spear Street, San Francisco, CA 94105 (US).
- (81) JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> H01S 3/067
- (11) WO 03/028175 (13) A1
- (21) PCT/JP02/09969
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) ja (26) ja
- (30) 2001-294677 26 Sep/sep 2001 JP (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ASE LIGHT SOURCE, OPTICAL AMPLIFIER AND LASER OSCILLATOR  
• SOURCE LUMINEUSE ASE, AMPLIFICATEUR OPTIQUE ET OSCILLATEUR LASER
- (71) NTT ELECTRONICS CORPORATION [JP/JP]; 12-1, Dogenzaka 1-chome, Shibuya-ku, Tokyo 150-0043 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OHISHI, Yasutake [JP/JP]; 661-51, Yagotoishizaka, tenpaku-ku, Nagoya-shi, Aichi 468-0071 (JP). NAKAGAWA, Koichi [JP/JP]; 1572-35, Sumiyoshi, Tomobe-machi, Nishiibaraki-gun, Ibaraki 309-1716 (JP). KANAMORI, Terutoshi [JP/JP]; 163-6, Motoishikawa-cho, Mito-shi, Ibaraki 310-0843 (JP). HIRAKI, Yousuke [JP/JP]; 2611-13-202, Higashihiikawa, Hitachinaka-shi, Ibaraki 312-0052 (JP).
- (74) TANI, YOSHIKAZU; 6-20, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01S 3/098
- (11) WO 03/028177 (13) A1
- (21) PCT/CH02/00534
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) en (26) en
- (30) 09/962,261 24 Sep/sep 2001 US (24.09.2001)
- (30) 60/366,279 15 Mar/mar 2002 US (15.03.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PULSE-GENERATING LASER  
• LASER A IMPULSIONS
- (71) GIGA TERA AG [CH/CH]; Lerzenstrasse 16, CH-8953 Dietikon (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KRAINER, Lukas [AT/CH]; Guggachstrasse 46, CH-8057 Zürich (CH). SPÜHLER, Gabriel, J. [CH/CH]; Dufourstrasse 117, CH-8008 Zürich (CH). PASCHOTTA, Rüdiger [DE/CH]; Benedikt-Fontana-Weg 17, CH-8049 Zürich (CH). WEINGARTEN, Kurt [US/CH]; Ob. Stockrütistrasse 26, CH-8142 Uitikon (CH). KELLER, Ursula [CH/CH]; Rebergstrasse 55, CH-8049 Zürich (CH).
- (74) FREI PATENTANWALTSBÜRO AG; Postfach 524, CH-8029 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
- 
- (51)<sup>7</sup> H01S 3/08, 3/082
- (11) WO 03/028176 (13) A1
- (21) PCT/US02/29283
- (22) 16 Sep/sep 2002 (16.09.2002)

DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID 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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> H01T 13/20, 13/32

(11) WO 03/028178 (13) A1

(21) PCT/GB02/04348

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 0123102.6 26 Sep/sep 2001 GB  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SPARK PLUG

• BOUGIE D'ALLUMAGE

(71) FEDERAL-MOGUL IGNITION (UK)  
LIMITED [GB/GB]; Arrowbrook Road,  
Upton, Wirral, Merseyside L49 0UQ (GB).  
*for all designated States except / pour tous  
les États désignés sauf US*

(72, 75) PINO, Alessandro [GB/GB]; 1 Bramble  
Close, Boughton, Chester CH3 5XN (GB).  
BURROWS, John, Anthony [GB/GB];  
22 Yew Tree Drive, Barnton, Northwich,  
Cheshire CW8 4NR (GB).

(74) DRURY, Peter, Lawrence; T & N Limited,  
5 Riverstone, Middlemarch Business Park,  
Siskin Drive, Coventry CV3 4FJ (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 PL PT RO RU SD  
SE SG SI 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 IE IT LU MC NL  
PT SE 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 PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA 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 IE IT  
LU MC NL PT 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)<sup>7</sup> H01T 23/00, A61N 1/44

(11) WO 03/028179 (13) A1

(21) PCT/JP02/07834

(22) 31 Jul/juil 2002 (31.07.2002)

(25) en (26) en

(30) 2001-234073 1 Aug/août 2001 JP  
(01.08.2001)

(30) 2001-315084 12 Oct/oct 2001 JP  
(12.10.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ION GENERATOR, AND ELECTRIC  
APPARATUS AND AIR CONDITION-  
ING APPARATUS INCORPORATING  
THE SAME

• GENERATEUR IONIQUE, APPAREIL  
ELECTRIQUE ET APPAREIL DE  
CONDITIONNEMENT D'AIR COM-  
PRENANT LEDIT GENERATEUR

(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) SEKOGUCHI, Yoshinori [JP/JP]; c/o  
SHARP KABUSHIKI KAISHA, 22-22,  
Nagaike-cho, Abeno-ku, Osaka-shi, Osaka  
545-8522 (JP). MORIKAWA, Mamoru  
[JP/JP]; c/o SHARP KABUSHIKI KAISHA,  
22-22, Nagaike-cho, Abeno-ku, Osaka-shi,  
Osaka 545-8522 (JP).

(74) KOHNO, Takao; C/O KOHNO PATENT  
OFFICE, 4-3, Tsuriganecho 2-chome,  
Chuo-ku, Osaka-shi, Osaka 540-0035 (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 SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02B

(11) WO 03/028180 (13) A2

(21) PCT/DE02/02989

(22) 9 Aug/août 2002 (09.08.2002)

(25) de (26) de

(30) 201 14 737.8 30 Aug/août 2001 DE  
(30.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DRIVE DEVICE FOR ISOLATING  
CONTACTS OF SWITCHGEAR SYS-  
TEMS FOR ENERGY SUPPLY AND  
DISTRIBUTION

• DISPOSITIF D'ENTRAÎNEMENT  
POUR CONTACTS DE DISJONCTEURS  
D'INSTALLATIONS DE DISTRIBU-  
TION ET DE REPARTITION D'ENER-  
GIE

(71) SIEMENS AKTIENGESELLSCHAFT  
[DE/DE]; Wittelsbacherplatz 2, 80333  
München (DE).

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

(72, 75) FREUNDT, Karsten [DE/DE];  
Rohrbecker Weg 46, 14612 Falkensee (DE).

(74) SIEMENS AKTIENGESELLSCHAFT;  
Wittelsbacherplatz 2, 80333 München (DE).

(81) BR CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : BR CN EP (AT BE BG  
CH CY CZ DE DK EE ES FI FR GB GR IE IT LU  
MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)<sup>7</sup> H02G 3/14

(11) WO 03/028181 (13) A1

(21) PCT/IL01/00896

(22) 25 Sep/sep 2001 (25.09.2001)

(25) en (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ADAPTER FOR MOUNTING A FACE-  
PLATE OF A FIRST STYLE ON TO AN  
ELECTRICAL OUTLET CAVITY OF A  
SECOND STYLE

• ADAPTATEUR POUR LE MONTAGE  
D'UN PREMIER MODELE DE COU-  
VERCLE SUR UN SECOND MODELE  
DE CAVITE DE PRISE DE COURANT

(71) SERCONET LTD. [IL/IL]; 16 Ha'Haroshet  
Street, P.O.B. 2009, 43657 Raanana (IL).  
*for all designated States except / pour tous  
les États désignés sauf US*

(72, 75) BINDER, Yehuda [IL/IL]; 30 Yeshurun  
St., 45200 Hod HaSharon (IL). HAZANI,  
Ami [IL/IL]; 7 Jabotinsky Street, 43363  
Raanana (IL).

(74) REINHOLD COHN AND PARTNERS;  
P.O.B. 4060, 61040 Tel Aviv (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 NO NZ PH PL PT RO RU  
SD SE SG SI 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 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).

(51)<sup>7</sup> H02G 15/115, 15/18

(11) WO 03/028182 (13) A1

(21) PCT/US02/28764

(22) 10 Sep/sep 2002 (10.09.2002)

(25) en (26) en

(30) 01122793.1 21 Sep/sep 2001 EP  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTI-PART INSULATING COVER

• COUVERTURE ISOLANTE A PLU-  
SIEURS PARTIES

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

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

(72, 75) **BRANDT, Konrad** [DE/DE]; Goethesstrasse 88, 40237 Duesseldorf (DE). **CEKIC, Seref** [DE/DE]; Auf dem Kappus 22, 41542 Dormagen (DE). **KITZER, Peter** [DE/NL]; Walnootstraat 2, NL-6101 BZ Echt (NL). **LOHMEIER, Gerhard** [DE/DE]; Redwitzstrasse 19, 50937 Köln (DE). **OTT, Albrecht** [DE/DE]; Ingerweg 42a, 40670 Meerbusch (DE).

(74) **BALL, Alan et al.** / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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

(51)<sup>7</sup> H02H 3/05, G06F 12/00

(11) WO 03/028183 (13) A1

(21) PCT/US02/31206

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 60/326,021 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD FOR GENERATING AND MANAGING QUICK RECOVERY VOLUMES  
• SYSTEME ET PROCEDE DE GENERATION ET DE GESTION DE VOLUMES DE RAPIDE RECUPERATION

(71) **COMMVAULT SYSTEMS, INC.** [US/US]; 2 Crescent Place, Oceanport, NJ 07757-0090 (US).

(72) **PRAHLAD, Anand**; 3 Bucknell Drive, East Brunswick, NJ 08816 (US). **PITTALUGA, Ivan**; 11523 NE 97th Street, Kirkland, WA 98033 (US). **MAY, Andreas**; 1 Carter Drive, Marlboro, NJ 07746 (US). **ALEXANDER, John**; 11 143rd Avenue SE, Bellevue, WA 98007 (US). **SCHWARTZ, Jeremy, A.**; 33 Washington Street, Red Bank, NJ 07701 (US).

(74) **OSTROW, Seth, H.**; Brown Raysman Millstein Felder & Steiner, LLP, 20th Floor, 900 Third Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H02H 7/085

(11) WO 03/028184 (13) A1

(21) PCT/DE02/03514

(22) 20 Sep/sep 2002 (20.09.2002)

(25) de (26) de

(30) 101 47 559.4 26 Sep/sep 2001 DE (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DRIVE ARRANGEMENT  
• ENSEMBLE D'ENTRAINEMENT

(71) **WANZL METALLWARENFABRIK GMBH** [DE/DE]; Postfach 11 29, 89336 Leipzig (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HÄMMERLE, Jürgen** [DE/DE]; Dürer Strasse 26, 89312 Günzburg (DE).

(81) AU CN JP KR NZ RU US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> H02H 9/04, H01C 7/12

(11) WO 03/028185 (13) A1

(21) PCT/DE02/03560

(22) 23 Sep/sep 2002 (23.09.2002)

(25) de (26) de

(30) 101 46 947.0 24 Sep/sep 2001 DE (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ELECTRIC COMPONENT  
• COMPOSANT ELECTRIQUE

(71) **EPCOS AG** [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PECINA, Axel** [DE/AT]; Hollenegg 43, A-8530 Deutschlandsberg (AT). **HOLZER, Manfred** [AT/AT]; Fesselweg 27, A-8580 Köflach (AT).

(74) **EPPING, HERMANN & FISCHER**; Rüdlerstrasse 55, 80339 München (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> H02J 7/00, H01M 10/46

(11) WO 03/028186 (13) A1

(21) PCT/CA01/01352

(22) 24 Sep/sep 2001 (24.09.2001)

(25) en (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BATTERY SIZE DETECTOR FOR A BATTERY CHARGER

• DISPOSITIF PERMETTANT DE DETERMINER LA TAILLE D'UNE PILE, DESTINE A UN CHARGEUR DE PILES

(71) **JDP INNOVATIONS INC.** [CA/CA]; C.P. 470, Hudson Heights, Québec J0P 1J0 (CA).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PFEIFFER, J., David** [CA/CA]; 64 Cote St. Charles, Hudson Heights, Québec J0P 1J0 (CA).

(74) **OGILVY RENAULT et al.** / etc.; 1981 McGill College Avenue, Suite 1600, Montreal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) 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 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).

(51)<sup>7</sup> H02J 9/06, 9/04, H02P 9/48

(11) WO 03/028187 (13) A1

(21) PCT/ZA02/00149

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 2001/7889 26 Sep/sep 2001 ZA (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • POWER SUPPLY APPARATUS  
• APPAREIL D'ALIMENTATION ELECTRIQUE

(71, 72) **DA PONTE, Manuel, Dos Santos** [ZA/ZA]; 282 Pleiades Avenue, Waterkloof Ridge, 0181 Pretoria (ZA).

(72, 75) **GRZESIAK, Lech** [PL/PL]; Osokowa 11 m.31, Warszawa PL-01-928 (PL).

(74) **HAHN & HAHN INC.** et al. / etc.; Hahn Forum, 222 Richard Street, Hatfield, 0083 Pretoria (ZA).

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

Published / Publiée : (c)

- (51)<sup>7</sup> H02K 3/34  
(11) WO 03/028188 (13) A1  
(21) PCT/JP02/09689  
(22) 20 Sep/sep 2002 (20.09.2002)  
(25) ja (26) ja  
(30) 2001-289779 21 Sep/sep 2001 JP  
(21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • CORE WITH INSULATION MEMBER,  
AND METHOD OF PRODUCING THE  
SAME  
• NOYAU DOTE D'UN ELEMENT D'ISO-  
LATION ET PROCEDE DE PRODUC-  
TION DUDIT NOYAU  
(71) AISIN AW CO., LTD. [JP/JP]; 10, Takane,  
Fujii-cho, Anjo-shi, Aichi 444-1192 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)  
(72, 75) YAMAGUCHI, Tsuyoshi [JP/JP]; c/o  
Aisin AW Co., Ltd., 10, Takane, Fujii-cho,  
Anjo-shi, Aichi 444-1192 (JP). KUROOY-  
ANAGI, Toru [JP/JP]; c/o Aisin AW Co.,  
Ltd., 10, Takane, Fujii-cho, Anjo-shi, Aichi  
444-1192 (JP).  
(74) CHIKASHIMA, Kazuo et al. / etc.; Aida  
& Chikashima, 2F, Omodaka Building,  
9-7, Shibaura 1-chome, Minato-ku, Tokyo  
105-0023 (JP).  
(81) DE JP US.  
(51)<sup>7</sup> H02K 5/24  
(11) WO 03/028189 (13) A1  
(21) PCT/DE02/02393  
(22) 28 Jun/juin 2002 (28.06.2002)  
(25) de (26) de  
(30) 101 42 174.5 29 Aug/août 2001 DE  
(29.08.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • NOISE-DAMPED HOLDING OF AN  
ELECTRIC MOTOR  
• SUPPORT AMORTISSEUR DE BRUIT  
D'UN MOTEUR ELECTRIQUE  
(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) NITZSCHE, Hartmut [DE/DE]; Brom-  
bachweg 24, 77815 Buehl (DE). HUBER,  
Martin [DE/DE]; Langbuehdweg 3, 77704  
Oberkirch (DE). LULA, Cornelia [DE/DE];  
Joseph-Belli-Str. 12, 77564 Offenburg (DE).  
KUPFERER, Michael [DE/DE]; Freiburger  
Str. 20, 77866 Rheinau Freistett (DE).  
(81) AE AL AM AT AU AZ BA BB BG BR BY  
CA CH CN CU CZ DE DK EE ES FI GB GD  
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 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 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).

Published / Publiée : (c)

- (51)<sup>7</sup> H02K 13/10, H01R 39/24, H02K 23/66,  
H01R 39/26, 39/39, 39/40, H02K 13/00,  
H01R 39/38  
(11) WO 03/028190 (13) A1  
(21) PCT/DE02/03357  
(22) 10 Sep/sep 2002 (10.09.2002)  
(25) de (26) de  
(30) 101 46 569.6 21 Sep/sep 2001 DE  
(21.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • COMMUTATION DEVICE FOR AN  
ELECTRICAL MACHINE  
• DISPOSITIF DE COMMUTATION  
POUR MACHINE ELECTRIQUE  
(71) ROBERT BOSCH GMBH [DE/DE]; Post-  
fach 30 02 20, 70442 Stuttgart (DE).  
(72) WEHRLE, Andreas; Untere Au 33, 77652  
Offenburg (DE).  
(81) JP KR.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).  
Published / Publiée : (c)  
(51)<sup>7</sup> H02K 29/00, 21/24, 7/065, B06B 1/04  
(11) WO 03/028191 (13) A1  
(21) PCT/JP02/09643  
(22) 19 Sep/sep 2002 (19.09.2002)  
(25) ja (26) ja  
(30) 2001-285590 19 Sep/sep 2001 JP  
(19.09.2001)  
(30) 2001-285629 19 Sep/sep 2001 JP  
(19.09.2001)  
(30) 2001-301262 28 Sep/sep 2001 JP  
(28.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • BRUSHLESS VIBRATING MOTOR  
• MOTEUR VIBRANT SANS BALAIS  
(71) NIDEC COPAL CORPORATION [JP/JP];  
18-10, Shimura 2-chome, Itabashi-ku, Tokyo  
174-8550 (JP).  
(72) SAKABA, Hitoshi; c/o Nidec Copal  
Corporation, 18-10, Shimura 2-chome,  
Itabashi-ku, Tokyo 174-8550 (JP). MI-  
NAKUCHI, Shinya; c/o NIDEC COPAL  
CORPORATION, 18-10, Shimura 2-chome,  
Itabashi-ku, Tokyo 174-8550 (JP). NAKA-  
MURA, Hideaki; c/o Nidec Copal Corpora-  
tion, 18-10, Shimura 2-chome, Itabashi-ku,  
Tokyo 174-8550 (JP).  
(74) HASEGAWA, Yoshiki et al. / etc.; SOEI  
PATENT AND LAW FIRM, Okura-honkan,  
6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-  
0061 (JP).  
(81) CN KR.  
(51)<sup>7</sup> H02K 29/03, 1/14  
(11) WO 03/028192 (13) A1  
(21) PCT/JP02/07954  
(22) 5 Aug/août 2002 (05.08.2002)  
(25) en (26) en

(30) 2001-240841 8 Aug/août 2001 JP  
(08.08.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)  
(54) • BRUSH-LESS MOTOR USING  
VERNIER STRUCTURE  
• MOTEUR SANS BALAI UTILISANT  
UNE STRUCTURE VERNIER  
(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) FUJINAKA, Hiroyasu [JP/JP];  
5-22-13-333, Toda-cho, Moriguchi-shi,  
Osaka 570-0014 (JP).  
(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  
BY BZ CA CH 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 NO NZ OM PH PL PT RO RU  
SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> H02K 37/12  
(11) WO 03/028193 (13) A1  
(21) PCT/FR02/03271  
(22) 25 Sep/sep 2002 (25.09.2002)  
(25) fr (26) fr  
(30) 0112332 25 Sep/sep 2001 FR  
(25.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • TWO-OR THREE-PHASE POLYPHASE  
MOTOR  
• MOTEUR POLYPHASE A DEUX OU  
TROIS PHASES  
(71) MOVING MAGNET TECHNOLOGIES  
[FR/FR]; Zac La Fayette, 1, rue Christiaan  
Huygens, F-25000 Besançon (FR).  
(for all designated States except / pour tous  
les États désignés sauf US)  
(72, 75) GANDEL, Pierre [FR/FR]; 18, chemin  
de Rochefort, F-25660 Montfaucon (FR).  
PRUDHAM, Daniel [FR/FR]; 7, impasse du  
Levant, F-25220 Thisé (FR).  
(74) BREESE, Pierre et al. / etc.; Breesé-Ma-  
jerowicz, 3, avenue de l'Opéra, F-75001 Paris  
(FR).  
(81) JP US VC.  
Published / Publiée : (c)  
(51)<sup>7</sup> H02K 41/03  
(11) WO 03/028194 (13) A1  
(21) PCT/GB02/04335  
(22) 25 Sep/sep 2002 (25.09.2002)  
(25) en (26) en

- (30) 0123034.1 **25 Sep/sep 2001** GB  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • LINEAR MOTOR WITH TRANSDUCER ARRANGEMENT  
• MOTEUR LINEAIRE AVEC SYSTEME TRANSDUCTEUR
- (71) COPLEY MOTION SYSTEMS LLC [US/GB]; Luckyn Lane, Pippys Hill, Basildon, Essex SS14 3BW (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ROSE, Ian, David [GB/GB]; Copley Motion Systems LLC, Luckyn Lane, Pippys Hill, Basildon, Essex SS14 3BW (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H02M 3/00
- (11) WO 03/028196 (13) A2
- (21) PCT/DE02/03496
- (22) 17 Sep/sep 2002 (17.09.2002)
- (25) de (26) de
- (30) 101 47 168.8 **25 Sep/sep 2001** DE  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CONVERTER MOUNTING  
• MONTAGE D'UN CONVERTISSEUR
- (71) SIEMENS AKTIENGESSELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BACHMAIER, Georg [DE/DE]; Trogerstrasse 44, 81675 München (DE). FISCHER, Bernhard [DE/DE]; Paracelsusstrasse 6, 84513 Töging A. Inn (DE). KAPPEL, Andreas [DE/DE]; Zugspitzstrasse 7, 85649 Brunnthal (DE). ULIVIERI, Enrico [IT/DE]; Rablstrasse 12, 81669 München (DE).
- (74) SIEMENS AKTIENGESSELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Declarations / Déclarations :  
(s) for the following designations / pour les désignations suivantes : JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> H02M 3/00
- (11) WO 03/028197 (13) A2
- (21) PCT/IB02/03722
- (22) 6 Sep/sep 2002 (06.09.2002)
- (25) en (26) en
- (30) 01203675.2 **26 Sep/sep 2001** EP  
(26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SPLIT TOPOLOGY POWER SUPPLY ARCHITECTURE  
• ARCHITECTURE D'ALIMENTATION ELECTRIQUE A TOPOLOGIE DIVISEE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) SMIDT, Pieter, J., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). EINERHAND, Robert, E., F.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). RIBARI, Fatmir; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) DEGUELLE, Wilhelmus, H., G.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> H02M 3/335, G01R 19/00
- (11) WO 03/028198 (13) A1
- (21) PCT/FR02/03211
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) fr (26) fr
- (30) 0112220 **21 Sep/sep 2001** FR  
(21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DEVICE FOR MEASURING A CHOPPED CURRENT  
• DISPOSITIF DE MESURE D'UN COURANT HACHE
- (71) VALEO ELECTRONIQUE [FR/FR]; 2, rue Fernand Pouillon - Europarc, F-94000 Créteil (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SARDAT, Pierre [FR/FR]; 47, rue de la Montagne Savart, F-93250 Villemomble (FR).
- (74) REMY, Vincent; Cabinet Lhermet La Bigne & Remy, 191, rue Saint-Honoré, F-75001 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> H02M
- (11) WO 03/028195 (13) A2
- (21) PCT/US02/29657
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) en (26) en
- (30) 09/957,905 **21 Sep/sep 2001** US  
(21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DC VOLTAGE/CURRENT HEATING/GELLING/CURING OF RESIN ENCAPSULATED DISTRIBUTION TRANSFORMER COILS  
• TENSION EN COURANT CONTINU POUR CHAUFFAGE/GELIFICATION/DURCISSEMENT DE BOBINES DE TRANSFORMATEURS DE DISTRIBUTION ENCAPSULEES DANS UNE RESINE
- (71) ABB TECHNOLOGY AG [CH/CH]; Af-folternstrasse 44, CH-8050 Zürich (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LANOUE, Thomas, J. [US/US]; 101 Woodsage Way, Cary, NC 27511 (US). SARVER, Charles, H. [US/US]; Start Rt. Box A-4, Rocky Gap, VA 24366 (US). YOUNGER, Harold [US/US]; P.O. Box 474, Halifax, VA 24558 (US). HORTON, Rush, B., Jr. [US/US]; 610 Rolling Hills Drive, Wytheville, VA 24382 (US). WHITE, Michael, D. [US/US]; 1555 Pepper Ferry Road, Wytheville, VA 24382-4931 (US).
- (74) SAMUELS, Steven, J. et al. / etc.; Woodcock Washburn LLP, One Liberty Place, 46th Floor, Philadelphia, PA 19103 (US).

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

(72, 75) **VARADI, Peter** [CH/US]; 822 Masonic Ave., Albany, CA 94706 (US).

(74) **WOLFF, Felix**; Kutzenberger & Wolff, Theodor-Heuss-Ring 23, 50668 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02P

(11) **WO 03/028200** (13) A2

(21) PCT/US02/30768

(22) **26 Sep/sep 2002 (26.09.2002)**

(25) en (26) en

(30) 09/965,311 **27 Sep/sep 2001 US (27.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **METHOD AND APPARATUS FOR DYNAMIC BRAKING OF A BARRIER OPERATOR**

• **PROCEDE ET APPAREIL DE FREINAGE DYNAMIQUE D'UN ACTIONNEUR DE BARRIERE**

(71) **THE CHAMBERLAIN GROUP, INC.** [US/US]; 845 Larch Avenue, Elmhurst, IL 60126 (US).

(72) **FITZGIBBON, James, J.**; 1521 Hadley Drive, Batavia, IL 60510 (US).

(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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02P 7/00, 5/16

(11) **WO 03/028201** (13) A1

(21) PCT/IB02/03878

(22) **20 Sep/sep 2002 (20.09.2002)**

(25) en (26) en

(30) 09/960,848 **21 Sep/sep 2001 US (21.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **REVERSIBLE DC MOTOR DRIVE INCLUDING A DC/DC CONVERTER AND FOUR QUADRANT DC/DC CONTROLLER**

• **ENTRAINEMENT MOTEUR CC REVERSIBLE COMPRENANT UN CONVERTISSEUR CC-CC ET UN CONTROLEUR CC-CC A QUATRE QUADRANTS**

(71) **EATON CORPORATION** [US/US]; Eaton Center, Cleveland, OH 44114 (US). **SAMINCO INC.** [US/US]; 10030 Amberwood Road, Fort Myers, FL 33913 (US).

(72) **DAVIS, Anthony, J.**; 19430 Burgundy Farm Road, Estero Lee, FL 33928 (US). **POSMA, Bonne, W.**; 12946 Kedleston Circle, Fort Myers Lee, FL 33912 (US). **URBASSIK, Michael, A.**; W137N6912 Manor Hills Blvd., Menomonee Falls, Waukesha, WI 53051 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H02P 9/02, H02K 21/00, H02J 3/16

(11) **WO 03/028202** (13) A1

(21) PCT/US02/29494

(22) **18 Sep/sep 2002 (18.09.2002)**

(25) en (26) en

(30) 09/957,735 **21 Sep/sep 2001 US (21.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **POWER GENERATING SYSTEM INCLUDING PERMANENT MAGNET GENERATOR AND SHUNT AC REGULATOR**

• **SYSTEME D'ALIMENTATION ELECTRIQUE COMPRENANT UN GENERATEUR A AIMANT PERMANENT ET UN REGULATEUR A COURANT ALTERNATIF EN DERIVATION**

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) **HUGGETT, Colin**; 5202 Paseo Del Pavon, Torrance, CA 90505 (US). **KALMAN, Gabor**; 29422 Whitley Collins Drive, Palos Verdes, CA 90275 (US).

(74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02P 9/42, 7/635

(11) **WO 03/028203** (13) A1

(21) PCT/CH02/00537

(22) **26 Sep/sep 2002 (26.09.2002)**

(25) de (26) de

(30) 1779/01 **27 Sep/sep 2001 CH (27.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **CASCADE WITH ELECTRONIC DISCONNECTION AND AN ENLARGED ROTATIONAL SPEED RANGE**

• **CASCADE AVEC MISE HORS CIRCUIIT ELECTRONIQUE ET PRESENTANT UNE PLAGES DE VITESSE DE ROTATION ELARGIE**

(71, 72) **STOEV, Alexander** [DE/CH]; Neubruchstrasse 13, CH-8127 Forch (CH).

(74) **DILTEC AG**; Technoparkstrasse 1, CH-8005 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03C 3/00

(11) **WO 03/028204** (13) A1

(21) PCT/US02/30038

(22) **19 Sep/sep 2002 (19.09.2002)**

(25) en (26) en

(30) 09/961,559 **24 Sep/sep 2001 US (24.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • **METHOD FOR DEMODULATING PSK MODULATED SIGNALS**

• **PROCEDE DE DEMODULATION DE SIGNAUX MODULES PAR MODULATION PAR DEPLACEMENT DE PHASE**

(71) **FINEPOINT INNOVATIONS, INC.** [US/US]; 1220 S. Park Lane, Suite 1, Tempe, AZ 85281-6940 (US).

(72) **STILLMAN, Russell, A.**; 5501 W. Windsor Avenue, Phoenix, AZ 85035 (US). **WATERBURY, Charles, A.**; 12230 S. Appaloosa Drive, Phoenix, AZ 85044 (US).

(74) **CAHILL, William, C.**; Cahill, Sutton & Thomas P.L.C., 155 Park One, 2141 E. Highland Avenue, Phoenix, AZ 85016 (US).

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

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H03D 1/00, H04L 27/06

(11) WO 03/028205 (13) A1

(21) PCT/US02/26712

(22) 20 Aug/août 2002 (20.08.2002)

(25) en (26) en

(30) 09/962,928 24 Sep/sep 2001 US (24.09.2001)

(30) 10/076,022 14 Feb/fév 2002 US (14.02.2002)

(30) 10/076,854 15 Feb/fév 2002 US (15.02.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND SYSTEM TO IMPLEMENT NON-LINEAR FILTERING AND CROSSOVER DETECTION FOR PILOT CARRIER SIGNAL PHASE TRACKING  
• PROCEDE ET SYSTEME DE MISE EN OEUVRE DE FILTRAGE NON-LINEAIRE AVEC DETECTION PAR FILTRE PASSIF POUR LA POURSUITE DE LA PHASE DU SIGNAL DE LA PORTEUSE PILOTE

(71) ATHEROS COMMUNICATIONS, INC. [US/US]; 529 Almanor Avenue, Sunnyvale, CA 94085 (US).

(72) THOMSON, John; 450 Oak Grove Drive, No. 20, Santa Clara, CA 95054 (US). MENG, Teresa, H.; 119 Campo Drive, Portola Valley, CA 94028 (US). WANG, Yi-Hsiu; 650 Barron Avenue, Palo Alto, CA 94306 (US).

(74) JAKOPIN, David, A. et al. / etc.; Pillsbury Winthrop LLP, 1600 Tysons Boulevard, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03D 3/00

(11) WO 03/028206 (13) A1

(21) PCT/DE01/03610

(22) 19 Sep/sep 2001 (19.09.2001)

(25) de (26) de

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTIBAND RECEIVER AND METHOD ASSOCIATED THEREWITH  
• RECEPTEUR MULTIBANDE ET PROCEDE ASSOCIE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) VAN DER BURGT, Chiron [NL/NL]; Rigttersbleekstr. 46, NL-7521 GK Enschede (NL).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AU BR CA CN CZ HU ID IL IN JP KR MX NO PL RU SG TR US ZA.

(84) 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).

(51)<sup>7</sup> H03F 1/30, 3/45

(11) WO 03/028207 (13) A1

(21) PCT/DE02/02707

(22) 23 Jul/juillet 2002 (23.07.2002)

(25) de (26) de

(30) 101 47 101.7 25 Sep/sep 2001 DE (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TEMPERATURE-STABILISED AMPLIFIER CIRCUIT  
• CIRCUIT AMPLIFICATEUR THERMOSTABLE

(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) MÜLLAUER, Markus [AT/AT]; Tiroler Str. 55, A-9800 Spittal (AT).

(74) LANGE, Thomas; Dingolfinger Strasse 6, 81673 München (DE).

(81) CN JP US.

(84) EP (DE FI FR GB IT SE).

(51)<sup>7</sup> H03F 1/30, 3/193

(11) WO 03/028208 (13) A1

(21) PCT/US02/30152

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 09/962,975 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AUTOMATIC LD MOS BIASING WITH LONG TERM HOT CARRIER COMPENSATION  
• POLARISATION AUTOMATIQUE DE LD MOS A COMPENSATION DE PORTEURS CHAUDS A LONG TERME

(71) ERICSSON INC. [US/US]; 6300 Legacy, Plano, TX 75024 (US).

(72) BLAIR, Cynthia; 434 Calle Verde, Morgan Hill, CA 95037 (US). BARTOLA, Robert; 1148 Temple Road, Pottstown, PA 19465 (US). DIXIT, Nagaraj, V.; 1421 South Dodge, Gilbert, AZ 85233 (US).

(74) WEATHERFORD, Sidney et al. / etc.; Ericsson Inc., 6300 Legacy, MS EVW 2-C-2, Plano, TX 75024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H03F 3/08

(11) WO 03/028209 (13) A1

(21) PCT/US02/30965

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/964,953 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TRANSISTOR-BASED INTERFACE CIRCUITRY  
• CIRCUITS D'INTERFACE BASES SUR UN TRANSISTOR

(71) BATTELLE MEMORIAL INSTITUTE [US/US]; P.O. Box 999, Richland, WA 99352 (US).

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(72, 75) TAUBMAN, Matthews, S. [AU/US]; 2455 George Washington Way, Apt. I 146, Richland, WA 99352 (US).

(74) PAYNTER, Scott, L. et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & Mcnett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H03G 3/10, 3/20

(11) WO 03/028210 (13) A1

(21) PCT/JP01/08216

(22) 20 Sep/sep 2001 (20.09.2001)

(25) ja (26) ja

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • VARIABLE GAIN AMPLIFIER OF LOW POWER CONSUMPTION

- AMPLIFICATEUR A GAIN VARIABLE A FAIBLE CONSOMMATION D'ENERGIE

(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) TAKAHASHI, Yoshinori [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). JOBA, Hiroyuki [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). NAKAMIZO, Hideyuki [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) FUKAMI, Hisao et al. / etc.; Mitsui Sumitomo Bank Minamimorimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> H03H

(11) WO 03/028211 (13) A2

(21) PCT/US02/27681

(22) 29 Aug/août 2002 (29.08.2002)

(25) en (26) en

(30) 60/315,862 29 Aug/août 2001 US (29.08.2001)

(30) 10/231,806 28 Aug/août 2002 US (28.08.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • BULK RESONATOR

- RESONATEUR A ONDES EN VOLUME

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, Morristown, NJ 07962 (US).

(72) PECZALSKI, Andrzej; 9873 Balmoral Lane, Eden Prairie, MN 55347 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03H 9/24

(11) WO 03/028212 (13) A2

(21) PCT/US02/31157

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/967,732 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CENTER-MASS-REDUCED MICROBRIDGE STRUCTURES FOR ULTRA-HIGH FREQUENCY MEM RESONATOR

- STRUCTURES MICROPONT A MASSE CENTRALE REDUITE DESTINEES A UN RESONATEUR MEM ULTRA-HAUTE FREQUENCE

(71) INTEL CORPORATION [US/US]; (a Delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) CHENG, Peng; 4140 Acapulco Drive, Campbell, CA 95008 (US). MA, Qing; 919 Brentwood Drive, San Jose, CA 95129 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03H 17/02

(11) WO 03/028213 (13) A1

(21) PCT/SG01/00198

(22) 28 Sep/sep 2001 (28.09.2001)

(25) en (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NON-UNIFORM FILTER BANK IMPLEMENTATION

- MISE EN OEUVRE D'UN BANC DE FILTRES NON UNIFORMES

(71) STMICROELECTRONICS ASIA PACIFIC PTE LTD. [SG/SG]; 28 Ang Mo Kio Industrial Park 2, Singapore 569508 (SG).

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

(72, 75) ABSAR, Mohammed, Javed [IN/SG]; Block 411, #09-1006, 10 Hougang Avenue, Singapore 530411 (SG). GEORGE, Sapna [IN/SG]; Block 315, #06-220, 2 Serangon Avenue, Singapore 560506 (SG).

(74) DONALDSON & BURKINSHAW; P.O. Box 3667, Singapore 905667 (SG).

(81) JP SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> H03K 3/027, 3/29

(11) WO 03/028214 (13) A1

(21) PCT/JP01/08121

(22) 19 Sep/sep 2001 (19.09.2001)

(25) ja (26) ja

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTI-STABLE CIRCUIT

- CIRCUIT MULTISTABLE

(71, 72) SUZUKI, Toshiyasu [JP/JP]; 24-2, Kuramae 4-chome, Taitou-ku, Tokyo 111-0051 (JP).

(81) CA CN IL IN JP KR.

(84) 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).

(51)<sup>7</sup> H03K 3/03, 5/13

(11) WO 03/028215 (13) A2

(21) PCT/US02/30514

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/326,093 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TUNABLE OSCILLATOR

- OSCILLATEUR ACCORDABLE

(71) GENERAL ATOMICS [US/US]; 3550 General Atomics Court, San Diego, CA 92121 (US).

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

(72, 75) ROGERSON, Gerald, Dean [US/US]; 13628 Sunset View Road, Poway, CA 92064 (US).

(74) BARUFKA, Jack, S. et al. / etc.; Pillsbury Winthrop LLP, 1600 Tysons Boulevard, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03K 5/15, 5/151

(11) WO 03/028216 (13) A1

(21) PCT/DE02/02926

(22) 8 Aug/août 2002 (08.08.2002)

(25) de (26) de

(30) 101 42 657.7 31 Aug/août 2001 DE (31.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CIRCUIT ARRANGEMENT FOR GENERATING NON-OVERLAPPING CLOCK PHASES

- CIRCUIT POUR GENERER DES PHASES D'HORLOGE SANS CHEVAUCHEMENT

(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) MELCHER, Gebhard [AT/AT]; Weinbergweg 6, A-8045 Weinitzen (AT).

(74) EPPING, HERMANN & FISCHER; Rindlerstr. 55, 80339 München (DE).

(81) BR CA CN IL IN JP KR MX RU UA US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H03K 7/00

(11) WO 03/028217 (13) A2

(21) PCT/DE02/01867

(22) 23 May/mai 2002 (23.05.2002)

(25) de (26) de

(30) 101 46 096.1 19 Sep/sep 2001 DE (19.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE AND METHOD FOR PRODUCING PULSE-WIDTH MODULATED OUTPUT SIGNALS  
• DISPOSITIF ET PROCÉDÉ DE PRODUCTION DE SIGNAUX DE SORTIE À MODULATION D'IMPULSIONS EN LARGEUR

(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) DALAKURAS, Lambros [DE/DE]; Beethovenstr. 10, 75217 Birkenfeld (DE). SCHUMPELT, Michael [DE/DE]; Christofstrasse 2/2, 71701 Schwieberdingen (DE). FLOREANI, Bruno [DE/DE]; Schwabstr. 130, 70193 Stuttgart (DE).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> H03L 7/00

(11) WO 03/028218 (13) A1

(21) PCT/US02/30279

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/966,205 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FRACTIONAL-N TYPE FREQUENCY SYNTHESIZER  
• SYNTHÉTISEUR DE FREQUENCES DE TYPE N FRACTIONNAIRE

(71) ASHVATTHA SEMICONDUCTOR, INC. [US/US]; 1122107 St. Johns Industrial Parkway South, Jacksonville, FL 32246 (US).

(72) SRIDHARAN, Kartik; 2135 North Walnut Creek Court, Jacksonville, FL 32246 (US).

(74) MORRIS, Francis, E. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03M 1/08

(11) WO 03/028219 (13) A1

(21) PCT/US02/28680

(22) 10 Sep/sep 2002 (10.09.2002)

(25) en (26) en

(30) 09/960,173 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTIPLE A-TO-D CONVERTER SCHEME EMPLOYING DIGITAL CROSSOVER FILTER  
• SCHEMA DE CONVERTISSEURS A/N MULTIPLES UTILISANT UN FILTRE PASSIF

(71) TERADYNE, INC. [US/US]; 321 Harrison Avenue, Boston, MA 02118 (US).

(72) SHEEN, Timothy, W.; 160 Forster Street, Brighton, MA 02135 (US).

(74) RUBENSTEIN, Bruce, D. et al. / etc.; Tera-dyne, Inc., 321 Harrison Avenue, Boston, MA 02118 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03M 1/70

(11) WO 03/028220 (13) A1

(21) PCT/SE02/01423

(22) 2 Aug/août 2002 (02.08.2002)

(25) en (26) en

(30) 09/964,888 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR DIGITAL-TO-ANALOG CONVERSION WITH IMPROVED SIGNAL-TO-NOISE AND DISTORTION RATIO  
• PROCÉDÉ ET DISPOSITIF POUR CONVERSION NUMÉRIQUE-ANALOGIQUE AVEC RAPPORT SIGNAL SUR BRUIT ET DISTORSION AMÉLIORÉ

(71) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) [SE/SE]; S-126 25 STOCKHOLM (SE).

(72) ERIKSSON, Patrik; Gjutarvägen 33, S-618 30 KOLMÅRDEN (SE). PETERSSON, Peter, Magnus; Ryttaarvägen 9, S-177 39 JÄRFÄLLA (SE).

(74) MAGNUSSON, Monica; ERICSSON RADIO SYSTEMS AB, Patent Unit Radio Access, S-164 80 STOCKHOLM (SE).

(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 SI 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 CH CY CZ 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).

(51)<sup>7</sup> H03M 9/00, G11B 7/00

(11) WO 03/028221 (13) A1

(21) PCT/JP02/09856

(22) 25 Sep/sep 2002 (25.09.2002)

(25) ja (26) ja

(30) 2001-293109 26 Sep/sep 2001 JP (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PARALLEL/SERIAL CONVERSION CIRCUIT, OPTICAL OUTPUT CONTROL CIRCUIT, AND OPTICAL RECORDING APPARATUS

• CIRCUIT DE CONVERSION PARALLELE/SERIE, CIRCUIT DE COMMANDE DE SORTIE OPTIQUE ET APPAREIL D'ENREGISTREMENT OPTIQUE

(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) YOKOYAMA, Koichi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SATO, Katsunori [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) SATOH, Takahisa; SOHSHIN INTERNATIONAL PATENT OFFICE, 4F, Miyaki Bldg., 4-2, Yanagibashi 2-chome, Taito-ku, Tokyo 111-0052 (JP).

(81) JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H03M 13/00

(11) WO 03/028222 (13) A2

(21) PCT/US02/30384

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/965,518 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TURBO DECODING METHOD AND APPARATUS FOR WIRELESS COMMUNICATIONS

• PROCÉDÉ DE TURBO-DECODAGE ET APPAREIL DE COMMUNICATIONS SANS FIL

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) SINDHUSHAYANA, Nagabhushana T.; 7794 Roan Road, San Diego, CA 92129 (US). WOLF, Jack K.; 8529 Prestwick Drive, La Jolla, CA 92037 (US).

(74) **WADSWORTH, Philip R.** et al. / etc.; QUALCOMM Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03M 13/05

(11) **WO 03/028223** (13) A1

(21) PCT/US02/10022

(22) **1 Apr/avr 2002 (01.04.2002)**

(25) en (26) en

(30) 60/324,096 **22 Sep/sep 2001** US (22.09.2001)

(30) 10/011,333 **3 Dec/déc 2001** US (03.12.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DECODING OF A SYSTEMATIC KERDOCK CODE FOR MAP DATA

• DECODAGE D'UN CODE DE KERDOCK SYSTEMATIQUE POUR DES DONNEES DE CARTE

(71) **ZENITH ELECTRONICS CORPORATION** [US/US]; 2000 Millbrook Drive, Lincolnshire, IL 60069 (US).

(72) **FIMOFF, Mark**; 1020 Concord Lane, Hoffman Estates, IL 60195 (US). **CITTA, Richard, W.**; 739 N. Columbian, Oak Park, IL 60302 (US). **XIA, Jingsong**; 1044 Evergreen Street, Mundelein, IL 60060 (US).

(74) **JOIKE, Trevor, B.**; Schiff Hardin & Waite, 6600 Sears Tower, 233 S. Wacker Drive, Chicago, IL 60606 (US).

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

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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 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)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04B

(11) **WO 03/028224** (13) A2

(21) PCT/IL02/00784

(22) **24 Sep/sep 2002 (24.09.2002)**

(25) en (26) en

(30) 60/324,067 **24 Sep/sep 2001** US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD FOR CONTROLLING A DEVICE IN VIVO

• SYSTEME ET PROCEDE DE COMMANDE D'UN DISPOSITIF IN VIVO

(71) **GIVEN IMAGING LTD.** [IL/IL]; HaCarmel St. 2, Industrial Park, 20692 Yoqneam (IL).

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(72, 75) **LEWKOWICZ, Shlomo** [IL/IL]; Habonim Street 47, 36031 Kiryat Tivon (IL). **GLUKHOVSKY, Arkady** [IL/IL]; Hanuriot Street 24/5, 36790 Nesher (IL).

(74) **EITAN, PEARL, LATZER & COHEN-ZEDEK** et al. / etc.; Gav Yam Center 2, Shenkar Street 7, 46725 Herzlia (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B

(11) **WO 03/028225** (13) A2

(21) PCT/US02/25265

(22) **8 Aug/août 2002 (08.08.2002)**

(25) en (26) en

(30) 09/960,638 **21 Sep/sep 2001** US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • WIRELESS SYNCHRONOUS TIME SYSTEM

• SYSTEME D'INDICATION HORAIRE SYNCHRONES SANS FIL

(71) **QUARTEX, INC.** [US/US]; 1012 Host Drive, Lake Geneva, WI 53146 (US).

(72) **PIKULA, Michael, A.**; 7419 South 77th Street, Franklin, WI 53132 (US). **GOLLNICK, Robin, W.**; 3172 East Barry Drive, Lake Geneva, WI 53147 (US). **O'NEILL, Terrence, J.**; 954 George Street, Lake Geneva, WI 53147 (US).

(74) **REYNOLDS, Thomas, S., II**; Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Milwaukee, WI 53202-4108 (US).

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

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B

(11) **WO 03/028226** (13) A2

(21) PCT/US02/28969

(22) **11 Sep/sep 2002 (11.09.2002)**

(25) en (26) en

(30) 09/965,083 **26 Sep/sep 2001** US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ELECTRONIC ACKNOWLEDGMENT OF RECEIPT OF INVENTORY

• CONFIRMATION ELECTRONIQUE DE LA RECEPTION D'UN INVENTAIRE

(63) US 09/965,083 (CON) 26 Sep/sep 2002 (26.09.2002)

(71) **FIRST DATA CORPORATION** [US/US]; 401 Hackensack Avenue, Hackensack, NJ 07601 (US).

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

(72, 75) **STOUTENBURG, Earney, E.** [US/US]; 7474 Gooseberry Court, Parker, CO 80134 (US). **BAUMGARTNER, David, R.** [US/US]; 19860 Latigo Lane, Parker, CO 80138 (US). **ANUSZEWSKI, Theresa, L.** [US/US]; 421 Red Deer Road, Franktown, CO 80116 (US). **KINNEY, Ross, G.** [US/US]; 15704 E. Custer Drive, Aurora, CO 80017 (US). **OWEN, David, A.** [US/US]; 611 Hampstead Avenue, Castle Rock, CO 80104 (US).

(74) **STUENKEL, Mark, E.** et al. / etc.; Brooks & Kushman, 1000 Town Center, Twenty-Second Floor, Southfield, MI 48075 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B 1/00

(11) **WO 03/028227** (13) A1

(21) PCT/US01/29558

(22) **22 Sep/sep 2001 (22.09.2001)**

(25) en (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • POWER LINE COMMUNICATION CIRCUIT

- CIRCUIT DE COMMUNICATION SUR LIGNE A HAUTE TENSION
- (71) **F O ENGINEERING, INC.** [US/US]; Suite 120, 25030 West Avenue Stanford, Santa Clarita, CA 91355 (US).
- (72, 75) **DELLER, Robert, W.** [US/US]; 23458 Cloverdale Court, Newhall, CA 91321 (US). **HEAGEY, Robert, C.** [US/US]; 2657 Carrols Street, Acton, CA 93510 (US).
- (74) **ROBBINS, Billy, A.**; Fulbright & Jaworski L.L.P., 29th floor, 865 South Figueroa Street, Los Angeles, CA 90017-2576 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI 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 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).
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- (51)<sup>7</sup> **H04B 1/00**
- (11) **WO 03/028228** (13) A2
- (21) PCT/US02/30686
- (22) **26 Sep/sep 2002 (26.09.2002)**
- (25) en (26) en
- (30) 60/324,905 **26 Sep/sep 2001 US (26.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND APPARATUS FOR A RECONFIGURABLE MULTI-MEDIA SYSTEM
- PROCEDE ET APPAREIL DESTINES A UN SYSTEME MULTIMEDIA RECONFIGURABLE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (71) **PHILIPS ELECTRONICS NORTH AMERICA CORPORATION** [US/US]; 580 White Plains Road, Tarrytown, NY 10591 (US).  
(only for / seulement pour MC)
- (72) **VAIDYANATHAN, Krishnamurthy**; 43 South Highland Avenue, Apt. 1, Ossining, NY 10562 (US). **KRISHNAMACHARI, Santhana**; 7 Sherwood Avenue, No. 16, Ossining, NY 10562 (US). **VANDERSCHAAR, Mihaela**; 121 South Highland Avenue, Apt. 5K, Ossining, NY 10562 (US).
- (74) **PIOTROWSKI, Daniel, J. et al.** / etc.; Philips Electronics North America Corp., 580 White Plains Road, Tarrytown, NY 10591 (US).
- (81) CN JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Declaration / Déclaration :
- (t) for the following designations / pour les désignations suivantes : CN JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
- 
- (51)<sup>7</sup> **H04B 1/00**
- (11) **WO 03/028229** (13) A1
- (21) PCT/US02/30972
- (22) **27 Sep/sep 2002 (27.09.2002)**
- (25) en (26) en
- (30) 60/325,350 **27 Sep/sep 2001 US (27.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CLOSED LOOP POWER CONTROL TECHNIQUES
- TECHNIQUES DE COMMANDE DE PUISSANCE EN BOUCLE FERMEE
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th floor, Oakland, CA 94607 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ALDAJANI, Mansour, A.** [SA/SA]; PO Box 1237, King Fahd University4, Dhahran 31261 (SA). **SAYED, Ali, H.** [BR/US]; 10811 Ashton Avenue, #313, Los Angeles, CA 90024 (US).
- (74) **GATES, George, H.**; Gates & Cooper LLP, 6701 Center Drive West, Suite 1050, Los Angeles, CA 90045 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **H04B 1/10, H03G 5/28**
- (11) **WO 03/028230** (13) A1
- (21) PCT/DE02/03597
- (22) **24 Sep/sep 2002 (24.09.2002)**
- (25) de (26) de
- (30) 101 47 496.2 **26 Sep/sep 2001 DE (26.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR OPERATING A NOISE-OUTPUT DEVICE AND NOISE-OUTPUT DEVICE
- PROCEDE D'ACTIONNEMENT D'UN DISPOSITIF D'EMISSION DE SON ET DISPOSITIF D'EMISSION DE SON CORRESPONDANT
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PFLAUM, Karl-Heinz** [DE/DE]; Gartenweg 27, 46395 Bocholt (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 IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
- (u) for / pour US only / seulement
- 
- (51)<sup>7</sup> **H04B 1/10, 1/26**
- (11) **WO 03/028231** (13) A1
- (21) PCT/US02/31489
- (22) **27 Sep/sep 2002 (27.09.2002)**
- (25) en (26) en
- (30) 09/968,409 **28 Sep/sep 2001 US (28.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ANALOG BASEBAND SIGNAL PROCESSING SYSTEM AND METHOD
- SYSTEME ET PROCEDE DE TRAITEMENT DE SIGNAL ANALOGIQUE DE BANDE DE BASE
- (71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, NY 10504 (US).
- (72) **TWOMEY, Gerald, J.**; 1125 Oak View Way, Escondido, CA 92029 (US).
- (74) **ABATE, Joseph, P.**; International Business Machines Corporation, Dept. 18G/Bldg. 300-482, 2070 Route 52, Hopewell Junction, NY 12533 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04B 1/16**
- (11) **WO 03/028232** (13) A1
- (21) PCT/US02/28394
- (22) **5 Sep/sep 2002 (05.09.2002)**
- (25) en (26) en
- (30) 09/962,424 **25 Sep/sep 2001 US (25.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • POWER SAVING IN COMMUNICATION TERMINALS
- GESTION D'ENERGIE DANS DES TERMINAUX DE TRANSMISSION
- (71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) **MAYRENCH, Ronen**; Kazan 3 C., 49527 RAANANA (IL). **RAINISH, Doron**; Kish 3,



- 52312 Ramat Gan (IL). **SPENCER, Paul**; 6/2 Hatavor Street, 99583 Bet Shemesh (IL).
- (74) **TROP, Timothy, N.**; Trop, Pruner & Hu, P.C., 8554 Katy Freeway, Suite 100, Houston, TX 77024 (US) et al. / etc.
- (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H04B 1/28, H04Q 7/38
- (11) **WO 03/028233** (13) A1
- (21) PCT/US02/30386
- (22) **24 Sep/sep 2002 (24.09.2002)**
- (25) en (26) en
- (30) 09/965,341 **27 Sep/sep 2001 US (27.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • COMMUNICATION SYSTEM RECEIVER AND METHOD FOR CONCURRENT RECEIVING OF MULTIPLE CHANNELS
- RECEPTEUR DE SYSTEME DE COMMUNICATION ET PROCEDE DE RECEPTION EN PARALLELE DE CANAUX MULTIPLES
- (71) **QUALCOMM, INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (72) **SOLIMAN, Samir S.**; 11412 Cypress Canyon Park Drive, San Diego, CA 92131 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04B 1/38
- (11) **WO 03/028234** (13) A1
- (21) PCT/US02/26643
- (22) **19 Aug/août 2002 (19.08.2002)**
- (25) en (26) en
- (30) 60/313,214 **17 Aug/août 2001 US (17.08.2001)**
- (30) 60/313,456 **20 Aug/août 2001 US (20.08.2001)**
- (30) 10/222,071 **16 Aug/août 2002 US (16.08.2002)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SYSTEM AND METHOD FOR EMBEDDING A SUB-CHANNEL IN A BLOCK CODED DATA STREAM
- SYSTEME ET PROCEDE D'INTEGRATION D'UN SOUS-CANAL A UN FLUX DE DONNEES A CODAGE DE BLOCS
- (71, 72) **STONICK, John, T.** [US/US]; 10044 NW Priscilla Court, Portland, OR 97229 (US). **GORECKI, James** [US/US]; 2482 NE Jamie Drive, Hillsboro, OR 97124 (US). **SEARLES, Shawn** [CA/US]; 12401 SW Sheldrake Way, Beaverton, OR 97007 (US). **CHECK, William, S., Jr.** [US/US]; 16796 SW Whitetail Lane, Beaverton, OR 97007 (US). **LEFFERTS, Robert, B.** [US/US]; 3180 SE 97th Avenue, Portland, OR 97225 (US).
- (74) **STEINBERG, Neil**; Steinberg & Whitt, LLP, 2672 Bayshore Parkway, Suite 514, Mountain View, CA 94043 (US).
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> H04B 1/40
- (11) **WO 03/028235** (13) A1
- (21) PCT/JP02/09677
- (22) **20 Sep/sep 2002 (20.09.2002)**
- (25) ja (26) ja
- (30) 2001-288661 **21 Sep/sep 2001 JP (21.09.2001)**
- (30) 2001-288662 **21 Sep/sep 2001 JP (21.09.2001)**
- (30) 2001-288663 **21 Sep/sep 2001 JP (21.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HIGH-FREQUENCY DEVICE
- DISPOSITIF HAUTE FREQUENCE
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SUZUKI, Kotaro** [JP/JP]; 5-30-109, Miyamae-cho, Nishinomiya-shi, Hyogo 662-0947 (JP). **SASAKI, Riho** [JP/JP]; 2-3-602, Ikaganishimachi, Hirakata-shi, Osaka 573-0066 (JP). **OMORI, Yoshiharu** [JP/JP]; 5-12-6-1029, Takadono, Asahi-ku, Osaka-shi, Osaka 535-0031 (JP).
- (74) **IWAHASHI, Fumio** et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> H04B 1/66, H04N 5/14
- (11) **WO 03/028236** (13) A1
- (21) PCT/US02/29883
- (22) **20 Sep/sep 2002 (20.09.2002)**
- (25) en (26) en
- (30) 60/324,890 **26 Sep/sep 2001 US (26.09.2001)**
- (30) 10/014,963 **11 Dec/déc 2001 US (11.12.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SCENE CUT DETECTION IN A VIDEO BITSTREAM
- DETECTION DE COUPURE DE SCENE DANS UN FLUX BINAIRE VIDEO
- (71) **THOMSON LICENSING S.A.** [FR/FR]; 46, quai A. le Gallo, F-92648 Boulogne Cedex (FR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **PETERSON, Richard, Mateer** [US/US]; 605 Dutch Neck Road, East Windsor, NJ 08520 (US). **CHALOM, Edmond** [US/US]; 299A South 11th Avenue, Highland Park, NJ 08904 (US).
- (74) **TRIPOLI, Joseph, S.** et al. / etc.; Thomson Multimedia Licensing Inc., P.O. Box 5312, Princeton, NJ 08543-5312 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04B 1/66
- (11) **WO 03/028237** (13) A1
- (21) PCT/US02/30940
- (22) **27 Sep/sep 2002 (27.09.2002)**
- (25) en (26) en
- (30) 60/325,639 **28 Sep/sep 2001 US (28.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DYNAMIC BIT RATE CONTROL PROCESS
- PROCEDE DE REGULATION DYNAMIQUE DU DEBIT BINAIRE
- (71) **DIVXNETWORKS, INC.** [US/US]; 10350 Science Center Drive, Building 14, Suite 140, San Diego, CA 92121 (US).
- (72) **LI, Adam, H.**; 10194 Wateridge Circle #152, San Diego, CA 92121 (US).
- (74) **ZHOU, Ziyue, Joseph**; Manatt, Phelps & Phillips, LLP, 1001 Page Mill Road., Building 2, Palo Alto, CA 9430 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 IE IT LU MC NL

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

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(51)<sup>7</sup> H04B 1/707

(11) WO 03/028238 (13) A1

(21) PCT/DE02/02591

(22) 15 Jul/juil 2002 (15.07.2002)

(25) de (26) de

(30) 101 43 154.6 3 Sep/sep 2001 DE (03.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE AND METHOD FOR FINE SYNCHRONIZATION ON THE SAMPLING OF SPREAD-CODED RECEIVED SIGNALS

• DISPOSITIF ET PROCEDE DE SYNCHRONISATION PRECISE LORS DE L'ECHANTILLONNAGE DE SIGNAUX DE RECEPTION CODES PAR ETALEMENT

(71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

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(72, 75) PAUL, Steffen [DE/DE]; Forststr. 8b, 82065 Baierbrunn (DE).

(74) LANGE, Thomas; Dingolfinger Strasse 6, 81673 München (DE).

(81) CN JP US.

(84) EP (DE FI FR GB IT SE).

Published / Publiée : (c)

(51)<sup>7</sup> H04B 1/707

(11) WO 03/028239 (13) A1

(21) PCT/DE02/02708

(22) 23 Jul/juil 2002 (23.07.2002)

(25) de (26) de

(30) 101 47 306.0 26 Sep/sep 2001 DE (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND DEVICE FOR DETERMINING THE INITIALIZATION STATES IN PSEUDO-NOISE SEQUENCES

• PROCEDE ET DISPOSITIF POUR DETERMINER DES ETATS D'INITIALISATION DANS DES SEQUENCES DE PSEUDO-BRUIT

(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) DENK, Robert [DE/DE]; Sudetenstr. 11, 85567 Grafing (DE).

(74) LANGE, Thomas; Lambsdorff & Lange, Dingolfinger Strasse 6, 81673 München (DE).

(81) CN JP US.

(84) EP (DE FI FR GB IT SE).

Published / Publiée : (c)

(51)<sup>7</sup> H04B 1/707

(11) WO 03/028240 (13) A1

(21) PCT/US02/30333

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 09/963,345 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR PERFORMING SIGNAL CORRELATION USING HISTORICAL CORRELATION DATA

• PROCEDE ET APPAREIL PERMETTANT DE REALISER UNE CORRELATION DE SIGNAUX AU MOYEN DE DONNEES HISTORIQUES DE CORRELATION

(71) GLOBAL LOCATE, INC. [US/US]; 208 Harristown Road, Glen Rock, NJ 07452 (US).

(72) ABRAHAM, Charles; 5803 Newgate Court, San Jose, CA 95138 (US). DIGGLEN, Frank, van; 1005 Alamitos Creek Drive, San Jose, CA 94120 (US).

(74) PATTERSON, William, B.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B 3/00

(11) WO 03/028241 (13) A2

(21) PCT/US02/28521

(22) 4 Sep/sep 2002 (04.09.2002)

(25) en (26) en

(30) 09/965,038 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CROSSTALK EQUALIZATION FOR INPUT-OUTPUT DRIVER CIRCUITS

• EGALISATION DE DIAPHONIE DESTINEE A DES CIRCUITS D'ATTAQUE D'ENTREE/SORTIE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) CASPER, Bryan; 3215 NE 11th Way, Hillsboro, OR 97124 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B 3/54

(11) WO 03/028242 (13) A1

(21) PCT/DE02/03533

(22) 20 Sep/sep 2002 (20.09.2002)

(25) de (26) de

(30) 101 46 982.9 24 Sep/sep 2001 DE (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CHARGING DEVICE FOR MOBILE TERMINALS WITH INTEGRATED POWERLINE MODEM

• DISPOSITIF DE CHARGEMENT CONÇU POUR DES TERMINAUX MOBILES POURVUS D'UN MODEM A LIGNE DE PUISSANCE INTEGRE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) ARETZ, Kurt [DE/DE]; Märkische Strasse 36, 46419 Isselburg (DE). GRÖTING, Wolfgang [DE/DE]; Egelsfurthstrasse 24, 46149 Oberhausen (DE). KERN, Ralf [DE/DE]; Holtwicker Strasse 62a, 46399 Bocholt (DE). TROKS, Werner [DE/DE]; Wibbelstrasse 2, 49549 Ladbergen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT 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)<sup>7</sup> H04B 5/00  
 (11) WO 03/028243 (13) A1  
 (21) PCT/JP01/08150  
 (22) 19 Sep/sep 2001 (19.09.2001)  
 (25) ja (26) ja  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • COMMUNICATION SYSTEM USING LEAKAGE TRANSMISSION LINE  
 • SYSTEME DE COMMUNICATION UTILISANT UNE LIGNE DE TRANSMISSION A COURANT DE FUITE  
 (71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). CENTRAL JAPAN RAILWAY COMPANY [JP/JP]; 1-4, Meieki 1-chome, Nakamura-ku, Nagoya-shi, Aichi 450-0002 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) TAMIYA, Norihiro [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). FUKAE, Tadamasu [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). MORIHARA, Kenji [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). KAWAKAMI, Takashi [JP/JP]; c/o CENTRAL JAPAN RAILWAY COMPANY, 1-4, Meieki 1-chome, Nakamura-ku, Nagoya-shi, Aichi 450-0002 (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 KR SG US.  
 (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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- (51)<sup>7</sup> H04B 7/00  
 (11) WO 03/028244 (13) A2  
 (21) PCT/US02/29894  
 (22) 20 Sep/sep 2002 (20.09.2002)  
 (25) en (26) en  
 (30) 09/965,187 25 Sep/sep 2001 US (25.09.2001)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • METHOD AND SYSTEM FOR OPTIMIZING SYSTEM-ACCESS AND SOFT-HANDOFF PARAMETERS BASED ON LOCATION INFORMATION  
 • PROCEDE ET SYSTEME PERMETTANT D'OPTIMISER L'ACCES AU SYSTEME ET LES PARAMETRES DE TRANSFERT SANS INTERRUPTION FONDES SUR DES INFORMATION DE LOCALISATION  
 (71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).  
 (72) SOLIMAN, Samir, S.; 11412 Cypress Canyon Park Drive, San Diego, CA 92131 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
 (51)<sup>7</sup> H04B 7/00, H04Q 7/00, 7/24, H04L 12/28, 12/413, H04J 3/16  
 (11) WO 03/028245 (13) A1  
 (21) PCT/US02/30304  
 (22) 25 Sep/sep 2002 (25.09.2002)  
 (25) en (26) en  
 (30) 60/324,277 25 Sep/sep 2001 US (25.09.2001)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • A SYSTEM AND METHOD EMPLOYING ALGORITHMS AND PROTOCOLS FOR OPTIMIZING CARRIER SENSE MULTIPLE ACCESS (CSMA) PROTOCOLS IN WIRELESS NETWORKS  
 • SYSTEME ET PROCEDE METTANT EN OEUVRE DES ALGORITHMES ET DES PROTOCOLES PERMETTANT D'OPTIMISER LES PROTOCOLES D'ACCES MULTIPLE PAR DETECTION DE PORTEUSE (CSMA) DANS DES RESEAUX SANS FIL  
 (71) MESHNETWORKS, INC. [US/US]; 485 North Keller Road, Suite 250, Maitland, FL 32751 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) STANFORTH, Peter [GB/US]; 1770 Seneca Blvd, Winter Springs, FL 32708 (US). KOOS, Larry [US/US]; 6896 Oak Glen Court, Sanford, FL 32771 (US). WHITEHILL, Eric [US/US]; 6021 Highgate Place, Fort Wayne, IN 46815 (US).  
 (74) BUCZYNSKI, Joseph et al. / etc.; Roylance, Abrams, Berdo & Goodman, L.L.P., 1300 19th Street, N.W., Suite 600, Washington, DC 20036 (US).  
 (81) AE AG AL AM AT (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)<sup>7</sup> H04B 7/00  
 (11) WO 03/028246 (13) A2  
 (21) PCT/US02/30345  
 (22) 24 Sep/sep 2002 (24.09.2002)  
 (25) en (26) en  
 (30) 09/965,204 25 Sep/sep 2001 US (25.09.2001)  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • METHOD AND APPARATUS FOR VARYING THE LENGTH OF AN ADAPTIVE EQUALIZER BASED ON DOPPLER FREQUENCY  
 • PROCEDE ET APPAREIL PERMETTANT DE VARIER LA LARGEUR D'UN EGALISEUR ADAPTATIF EN FONCTION DE LA FREQUENCE DOPPLER  
 (71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).  
 (72) SMEE, John E.; 5220 Fiore Terrace, Apt. M212, San Diego, CA 92122 (US). FERNANDEZ-CORBATON, Ivan Jesus; 1134 Felspar Street, Apt. 2, San Diego, CA 92109 (US). JAYARAMAN, Srikant; 1254 Pacific Beach Drive, Apt. 1, San Diego, CA 92109 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
 (51)<sup>7</sup> H04B 7/08  
 (11) WO 03/028247 (13) A1  
 (21) PCT/EP01/10915  
 (22) 20 Sep/sep 2001 (20.09.2001)  
 (25) en (26) en  
 (43) 3 Apr/avr 2003 (03.04.2003)  
 (54) • ANTENNA DIVERSITY RECEIVING SYSTEM  
 • SYSTEME DE RECEPTION A DIVERSITE D'ANTENNE  
 (71) RECEPTEC GMBH [DE/DE]; Daimlerring 31, 31135 Hildesheim (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) WEGNER, Peter [DE/DE]; Martin-Luther-Str. 24, 31167 Bockenheim (DE). LEINWETTER, Bernd [DE/DE]; Ernst-Abbe-Str. 20, 31141 Hildesheim (DE).  
 (74) FLACH, Dieter et al. / etc.; Patent Attorneys Andrae-Flach-Haug, Adlzreiterstr. 11, 83022 Rosenheim (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 NO NZ PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA 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 GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04B 7/12, H01Q 3/26, H04B 17/00  
(11) WO 03/028248 (13) A1  
(21) PCT/US02/30897  
(22) 27 Sep/sep 2002 (27.09.2002)  
(25) en (26) en  
(30) 09/967,258 28 Sep/sep 2001 US (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CALIBRATION OF A RADIO COMMUNICATIONS SYSTEM  
• CALIBRAGE D'UN SYSTEME DE RADIOCOMMUNICATION
- (71) ARRAYCOMM, INC. [US/US]; Suite 200, 2480 North First Street, San Jose, CA 95131 (US).
- (72) LINDSKOG, Erik, D.; 674 Kirkland Drive, #6, Sunnyvale, CA 94087 (US). TROTT, Mitchell, D.; 216 Central Avenue, Mountain View, CA 94043 (US). KERR, Adam, B.; 1235 Laurel Street, Apt. 9, Menlo Park, CA 94025 (US).
- (74) CALDWELL, Gregory, D. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04B 7/216  
(11) WO 03/028249 (13) A1  
(21) PCT/US02/26414  
(22) 20 Aug/août 2002 (20.08.2002)  
(25) en (26) en  
(30) 09/956,877 21 Sep/sep 2001 US (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • POLLED TONE SYNCHRONIZATION OF RECEIVER/TRANSMITTER UNITS  
• SYNCHRONISATION TONALE SUR LISTE D'APPEL D'EMETTEURS RECEPTEURS
- (71) ALOHA NETWORKS, INC. [US/US]; P.O. Box 29472, San Francisco, CA 94129-0472 (US).
- (72) HAYS, Nathan, J.; P.O. Box 29472, San Francisco, CA 94129-0472 (US).
- (74) WRAY, James, C. et al. / etc.; 1493 Chain Bridge Road, Suite 300, McLean, VA 22101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM.
- (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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04B 7/26  
(11) WO 03/028250 (13) A1  
(21) PCT/JP02/09194  
(22) 10 Sep/sep 2002 (10.09.2002)  
(25) ja (26) ja  
(30) 2001-292375 25 Sep/sep 2001 JP (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SITE DIVERSITY TRANSMISSION/RECEPTION APPARATUS, BASE STATION, AND MOBILE STATION  
• ÉMETTEUR-RÉCEPTEUR EN DIVERSITÉ DE SITE, STATION DE BASE ET STATION MOBILE
- (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) SANO, Hiroyasu [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
- (74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> H04B 7/26, H04L 12/56  
(11) WO 03/028251 (13) A1  
(21) PCT/US02/30438  
(22) 24 Sep/sep 2002 (24.09.2002)  
(25) en (26) en  
(30) 09/965,205 25 Sep/sep 2001 US (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • CEASING TRANSMISSION OF DATA RATE CONTROL INFORMATION IN A CDMA COMMUNICATION SYSTEM WHEN THE MOBILE STATION TRANSITS TO THE IDLE OPEN STATE  
• INTERRUPTION DE LA TRANSMISSION D'INFORMATIONS DE COMMANDE DU TAUX DE TRANSFERT DANS UN SYSTEME DE TELECOMMUNICATIONS CDMA LORSQUE LA STATION MOBILE PASSE A L'ETAT OUVERT DE REPOS
- (71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (72) JOU, Yu-Cheun; 9979 Riverhead Drive, San Diego, CA 92129 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04B 10/00, H04J 14/02, 14/08, H04L 27/36, G01J 3/51  
(11) WO 03/028252 (13) A1  
(21) PCT/US02/06395  
(22) 28 Feb/fév 2002 (28.02.2002)  
(25) en (26) en  
(30) 09/963,234 26 Sep/sep 2001 US (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SYSTEM AND METHOD FOR ORTHOGONAL FREQUENCY DIVISION MULTIPLEXED OPTICAL COMMUNICATION  
• SYSTEME ET PROCEDE DE COMMUNICATION OPTIQUE MULTIPLEXE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE
- (71) CELIGHT, INC. [US/US]; 12200 Tech Road, Silver Spring, MD 20904 (US).
- (72) SHPANTZER, Isaac; 12200 Tech Road, Silver Spring, MD 20904 (US). MEIMAN, Yehouda; 64 Mivtza Harel, Rishon Letzion (IL). TSEYTLIN, Michael; 12200 Tech Road, Silver Spring, MD 20904 (US). RITTERBUSH, Olga; 12200 Tech Road, Silver Spring, MD 20904 (US). SALAMON, Aviv; 12200 Tech Road, Silver Spring, MD 20904 (US). FELDMANN, Peter; 2 Troy Drive, Short Hills, NJ 07078 (US). DEMIR, Alper; KOC University, Electrical-Electronics Dept., Rumeli Feneri Yolu, 89010 Sariyer-Istanbul (TR). KINGET, Peter; 11 Franklin Place, Summit, NJ 07901 (US). KRISHNAPURA, Nagendra; 722 Willow Avenue, Apt. 1, Hoboken, NJ 07030 (US). ROYCHOWDHURY, Jaijeet; 2521 Humboldt Avenue S., Apt. 310, Minneapolis, MN 55405 (US).

(74) ZEGGER, Paul, J. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

(51)<sup>7</sup> H04B 10/18, G02B 6/34

(11) WO 03/028253 (13) A1

(21) PCT/AU02/01311

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) PR 7860 24 Sep/sep 2001 AU (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A MULTI-ORDER DISPERSION COMPENSATION DEVICE  
• DISPOSITIF DE COMPENSATION DE DISPERSION D'ORDRE MULTIPLE

(71) THE UNIVERSITY OF SYDNEY [AU/AU]; Parramatta Road, Sydney, New South Wales 2006 (AU). THE COMMONWEALTH OF AUSTRALIA represented by THE DEFENCE SCIENCE AND TECHNOLOGY ORGANISATION OF THE DEPARTMENT OF DEFENCE [AU/AU]; Department of Defence, Salisbury, South Australia 5108 (AU).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) ENGLUND, Mark [AU/AU]; 1/36 Cranbrook Avenue, Cremorne, New South Wales 2090 (AU).

(74) GRIFFITH HACK; G.P.O. Box 4164, Sydney, New South Wales 2001 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B 10/18

(11) WO 03/028254 (13) A2

(21) PCT/US02/30711

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,422 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND APPARATUS FOR HIGHER-ORDER COMPENSATION OF TRANSMISSION DISTORTIONS IN OPTICAL TRANSMISSION MEDIA

• PROCEDES ET APPAREIL DE COMPENSATION D'ORDRE SUPERIEUR DE DISTORSIONS DE TRANSMISSIONS DANS UN SUPPORT DE TRANSMISSION OPTIQUE

(71) TERAPULSE, INC. [US/US]; 42 Nagog Park, Acton, MA 01720 (US).

(72) MENIKOFF, Arthur; 46 Westcott Road, Harvard, MA 01451 (US). TARGOVE, James, D.; 435 Hudson Road, Sudbury, MA 01776 (US). WEIN, Steven, J.; 33 Mossam Road, Sudbury, MA 01776 (US).

(74) BLASI, Robert, S.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04J

(11) WO 03/028255 (13) A2

(21) PCT/US02/30515

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/326,093 26 Sep/sep 2001 US (26.09.2001)

(30) 60/359,044 20 Feb/fév 2002 US (20.02.2002)

(30) 60/359,045 20 Feb/fév 2002 US (20.02.2002)

(30) 60/359,064 20 Feb/fév 2002 US (20.02.2002)

(30) 60/359,147 20 Feb/fév 2002 US (20.02.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR DATA TRANSFER USING A TIME DIVISION MULTIPLE FREQUENCY SCHEME

• PROCEDE ET APPAREIL DE TRANSFERT DE DONNEES METTANT EN ŒUVRE UN SCHEMA DE FREQUENCE MULTIPLE A REPARTITION DANS LE TEMPS

(71) GENERAL ATOMICS [US/US]; 3550 General Atomics Court, San Diego, CA 92121 (US).

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

(72, 75) ROGERSON, Gerald, Dean [US/US]; 13628 Sunset View Road, Poway, CA 92064-5052 (US). ELLIS, Jason, Lee [GB/US]; 16310 Avenida Venusto, San Diego, CA 92128 (US). FURUNO, David, Satoru [US/US]; 5385 Foxhound Way,

San Diego, CA 92130 (US). WALKER, Michael, Louis [US/US]; 7960 Cicada Court, San Diego, CA 92129 (US). GEHRING, Stephan, Walter [CH/US]; 2045 Avy Avenue, Menlo Park, CA 94025 (US).

(74) BARUFKA, Jack, S. et al. / etc.; Pillsbury Winthrop LLP, 1600 Tysons Boulevard, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04J

(11) WO 03/028256 (13) A2

(21) PCT/US02/30627

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/967,436 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTI-CHANNEL WAVELENGTH LOCKER USING GAS TUNING

• DISPOSITIF DE VERROUILLAGE EN LONGUEUR D'ONDE DE MULTICANAU AU MOYEN D'UN REGLAGE GAZEUX

(71) FIBERA, INC. [US/US]; 3350 Scott Blvd., Bldg. 56, Santa Clara, CA 95054 (US).

(72) CHEN, George, C.K.; 3770 Flora Vista Avenue #1503, Santa Clara, CA 95051 (US).

(74) ROBERTS, Raymond, E. et al. / etc.; IPLO Intellectual Property Law Offices, Suite 660, 1901 South Bascom Avenue, Campbell, CA 95008 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04J 3/00, H04M 11/00

(11) WO 03/028257 (13) A1

(21) PCT/US02/07412

(22) 11 Mar/mar 2002 (11.03.2002)

(25) en (26) en

(30) 09/961,801 24 Sep/sep 2001 US (24.09.2001)

(30) 10/050,689 16 Jan/jan 2002 US (16.01.2002)

- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • OPTICAL TO MICROWAVE CONVERTER USING DIRECT MODULATION  
• CONVERTISSEUR OPTIQUE-HYPER-FREQUENCES A MODULATION DIRECTE
- (71) TELAXIS COMMUNICATIONS CORPORATION [US/US]; South Deerfield Research Park, 20 Industrial Drive East, P.O. Box 109, South Deerfield, MA 01373-0109 (US).
- (72) PLEASANT, Wayne, E.; 16 Carlisle Avenue, Turner Falls, MA 01376 (US). CHANDLER, Joseph; 71 Chestnut Street, Northampton, MA 01062 (US). WOOD, Kenneth, R.; 14 Rocky Hill Road, Hadley, MA 01035 (US). KOH, Christopher, T.; 43 Mountain Road, South Deerfield, MA 01373 (US). LEE, Myung, K.; 22B. Mill Village Road, South Deerfield, MA 01373 (US). HOLZMAN, Eric, L., Sr.; 35 Country Lane, Sunderland, MA 01375 (US).
- (74) THIBODEAU, David, J., Jr. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 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).
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- (51)<sup>7</sup> H04J 3/06, G06F 1/14  
(11) WO 03/028258 (13) A1  
(21) PCT/DE02/03432  
(22) 20 Sep/sep 2002 (20.09.2002)  
(25) de (26) de  
(30) 101 47 433.4 26 Sep/sep 2001 DE (26.09.2001)  
(30) 102 29 110.1 28 Jun/juin 2002 DE (28.06.2002)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR SYNCHRONISING NODES OF A COMMUNICATIONS SYSTEM  
• PROCEDE POUR LA SYNCHRONISATION DE NOEUDS D'UN SYSTEME DE COMMUNICATION
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ARNOLD, Johann [DE/DE]; Zeidlerstrasse 13, 90530 Wendelstein (DE). BRÜCKNER, Dieter [DE/DE]; Obere Dorfstrasse 10, 96199 Zapfendorf (DE). GÖTZ, Franz-Josef [DE/DE]; Laibstadt 48, 91180 Heideck (DE). FRANKE, Michael [DE/DE]; Naturbadstrasse 2a, 91056 Erlangen-Dechsendorf (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 IE IT LU MC NL PT SE SK TR).  
Published / Publiée : (c)  
Declarations / Déclarations :  
*(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)*  
*(u) for / pour US only / seulement*
- 
- (51)<sup>7</sup> H04J 3/06, G06F 1/14  
(11) WO 03/028259 (13) A1  
(21) PCT/DE02/03437  
(22) 13 Sep/sep 2002 (13.09.2002)  
(25) de (26) de  
(30) 101 47 422.9 26 Sep/sep 2001 DE (26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • COMMUNICATIONS SYSTEM AND METHOD FOR SYNCHRONISING A COMMUNICATIONS CYCLE  
• SYSTEME DE COMMUNICATION ET PROCEDE POUR LA SYNCHRONISATION D'UN SYSTEME DE COMMUNICATION
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ARNOLD, Johann [DE/DE]; Zeidlerstrasse 13, 90530 Wendelstein (DE). BERNECKER, Herbert [DE/DE]; Baumgartenweg 32, 91560 Heilsbronn (DE). BRÜCKNER, Dieter [DE/DE]; Obere Dorfstrasse 10, 96199 Zapfendorf (DE). GÖTZ, Franz-Josef [DE/DE]; Laibstadt 48, 91180 Heideck (DE). KLOTZ, Dieter [DE/DE]; Kannenbergstrasse 15, 90768 Fürth (DE). KRAUSE, Karl-Heinz [DE/DE]; Au Graben 41, 90475 Nürnberg (DE). MÜLLER, Christiane [DE/DE]; Schillerstrasse 1, 91083 Baiersdorf (DE). SCHEITHAUER, Gerhard [DE/DE]; Tetzelsweg 16, 91058 Erlangen (DE). SCHIMMER, Jürgen [DE/DE]; Franz-Reichel-Ring 97, 90473 Nürnberg (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) CA CN US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).  
Published / Publiée : (c)  
Declarations / Déclarations :  
*(s) for the following designations / pour les désignations suivantes : CA CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)*  
*(u) for / pour US only / seulement*
- 
- (51)<sup>7</sup> H04J 3/06, 14/02, H04B 10/207, 10/24, H04J 3/16  
(11) WO 03/028260 (13) A2  
(21) PCT/US02/31155  
(22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en  
(30) 09/966,839 28 Sep/sep 2001 US (28.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND APPARATUS FOR TRANSMISSION OF UPSTREAM DATA IN AN OPTICAL NETWORK  
• PROCEDE ET DISPOSITIF DE TRANSMISSION DE DONNEES AMONT DANS UN RESEAU OPTIQUE
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) HORNE, David; 2444 West Flint Street, Chandler, AZ 85224 (US).
- (74) STEFFEY, Charles, E. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04J 14/02  
(11) WO 03/028261 (13) A2  
(21) PCT/CA02/00822  
(22) 4 Jun/juin 2002 (04.06.2002)  
(25) en (26) en  
(30) 09/963,501 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • TOPOLOGY DISCOVERY IN OPTICAL WDM NETWORKS  
• DECOUVERTE DE TOPOLOGIE DANS DES RESEAUX MRL OPTIQUES
- (71) TROPIC NETWORKS INC. [CA/CA]; 135 Michael Cowpland Drive, Kanata, Ontario K2M 2E9 (CA).
- (72) OBEDA, Paul, David; #66-21 Midland Crescent, Nepean, Ontario K2H 8P6 (CA). BIERMAN, Robert, Michael; 16 Greenwich Avenue, Nepean, Ontario K2E 5E6 (CA). DANG, Cuong, Tu; 2 Cedar Park Street, Ottawa, Ontario K2C 4B3 (CA). NELLES, David, Edward; 1E Crestlea Crescent, Nepean, Ontario K2G 4N1 (CA). NEUSTADTER, Udo, Mircea; 131 Corkery Woods Drive, Carp, Ontario K0A 1L0 (CA).
- (74) DONNELLY, Victoria; Tropic Networks, Inc., 135 Michael Cowpland Drive, Kanata, Ontario K2M 2E9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 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 :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI SK SL TJ TM TN TR TT TZ UA UG 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 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)

(51)<sup>7</sup> H04J 14/02, G02B 6/34

(11) WO 03/028262 (13) A1

(21) PCT/DE02/02892

(22) 7 Aug/août 2002 (07.08.2002)

(25) de (26) de

(30) 101 46 010.4 19 Sep/sep 2001 DE (19.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND DEVICE FOR SPLITTING AND/OR CONCENTRATING ELECTROMAGNETIC WAVES  
• PROCEDE ET DISPOSITIF DE DISTRIBUTION ET DE CONCENTRATION D'ONDES ELECTROMAGNETIQUES

(71) CUBE OPTICS AG [DE/DE]; Robert-Koch-Strasse 30, 55129 Mainz (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAASE, Jens [DE/DE]; Philipp-Wasserburg-Strasse 60, 55122 Mainz (DE). PAATZSCH, Thomas [DE/DE]; Stadionerhof Strasse 1, 55116 Mainz (DE). POPP, Martin [DE/DE]; Hinter der Kopelle 24, 55128 Mainz (DE).

(74) WEBER, Dieter et al. / etc.; Weber, Seiffert, Lieke, Taunusstr. 5a, 65183 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04J 14/02, G02B 6/34

(11) WO 03/028263 (13) A1

(21) PCT/FR02/03280

(22) 26 Sep/sep 2002 (26.09.2002)

(25) fr (26) fr

(30) 01/12448 27 Sep/sep 2001 FR (27.09.2001)

(30) 01/13102 11 Oct/oct 2001 FR (11.10.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM FOR OPTICAL DEMULTIPLEXING OF WAVELENGTH BANDS  
• SYSTEME DE DEMULTIPLIPLICATION DE BANDES DE LONGUEURS D'ONDES

(71) ALCATEL [FR/FR]; 54, rue La Boétie, F-75008 Paris (FR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FAURE, Jean-Paul [FR/FR]; 48, rue Sarrette, F-75014 Paris (FR). BISSON, Arnaud [FR/FR]; Bât. C, Ilet des Cours, 15, allée Louis Clément Faller, F-91400 Orsay (FR).

(74) SCIAUX, Edmond et al. / etc.; Compagnie Financière Alcatel, 30, avenue Kléber, F-75116 Paris (FR).

(81) CN JP US.

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> H04J 14/02, 14/08, H01S 3/19

(11) WO 03/028264 (13) A2

(21) PCT/US02/19284

(22) 18 Jun/juin 2002 (18.06.2002)

(25) en (26) en

(30) 09/962,243 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LIGHT SOURCE FOR GENERATING AN OUTPUT SIGNAL HAVING SPACED APART FREQUENCIES  
• SOURCE LUMINEUSE FOURNISSANT UN SIGNAL DE SORTIE A FREQUENCES ESPACEES

(71) CELIGHT, INC. [US/US]; 12200 Tech Road, Silver Spring, MD 20904 (US).

(72) SMILANSKI, Israel; 1013 Grand Oak Way, Rockville, MD 20852 (US). SHPANTZER, Isaac; 8312 Rising Ridge, Bethesda, MD 20817 (US). KHURGIN, Jacob, B.; 7 Stablemere Court, Baltimore, MD 21209 (US). REINGAND, Nadejda; 7 Stablemere Court, Baltimore, MD 21209 (US). CHO, Pak, Shing; 24 Spring Street, Gaithersburg, MD 20877 (US). ACHIAM, Yaakov; 301 Congressional Lane, Rockville, MD 20852 (US).

(74) ZEGGER, Paul, J. et al. / etc.; Pennic & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

(51)<sup>7</sup> H04J 14/02, G02B 6/34

(11) WO 03/028265 (13) A2

(21) PCT/US02/30322

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 60/325,065 25 Sep/sep 2001 US (25.09.2001)

(30) 10/115,647 3 Apr/avr 2002 US (03.04.2002)

(30) 10/120,617 11 Apr/avr 2002 US (11.04.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • RECONFIGURABLE OPTICAL ADD/DROP MULTIPLEXER HAVING AN ARRAY OF MICRO-MIRRORS  
• MULTIPLEXEUR OPTIQUE A INSERTION-EXTRACTION RECONFIGURABLE PRESENTANT UN RESEAU DE MICRO-MIROIRS

(71) CIDRA CORPORATION [US/US]; 50 Barnes Park North, Wallingford, CT 06492 (US).

(72) MOON, John, A.; 17 Promontory Drive, Wallingford, CT 06492 (US). KERSEY, Alan, D.; 75 Taylor Town Road, South Glastonbury, CT 06973 (US). DAWSON, Jay, W.; 2779 Vernazza Drive, Livermore, CA 94550 (US). DUNPHY, James, R.; 21 Hickory Drive, S. Glastonbury, CT 06073 (US). PINTO, Joseph, F.; 14 North Cherry Street, #2, Wallingford, CT 06492 (US). O'KEEFE, Christian; 58 Canterbury Drive, Durham, CT 06422 (US). SZCZEPANEK, Paul; 5 Forest Glen Circle, Apartment 17, Middletown, CT 06457 (US).

(74) BARBER, William, J.; Ware, Fressola, Van Der Sluys & Adolphson LLP, Bradford Green, Building Five, 755 Main Street, P.O. Box 224, Monroe, CT 06468 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04J 14/02, H04B 10/08

(11) WO 03/028266 (13) A2

(21) PCT/US02/30323

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 60/325,066 25 Sep/sep 2001 US (25.09.2001)

(30) 10/115,647 3 Apr/avr 2002 US (03.04.2002)

(30) 10/120,617 11 Apr/avr 2002 US (11.04.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • OPTICAL CHANNEL MONITOR HAVING AN ARRAY OF MICRO-MIRRORS

• DISPOSITIF DE SURVEILLANCE DE VOIE OPTIQUE PRESENTANT UN RESEAU DE MICRO-MIROIRS

(71) CIDRA CORPORATION [US/US]; 50 Barnes Park North, Wallingford, CT 06492 (US).

(72) MOON, John, A.; 17 Promontory Drive, Wallingford, CT 06492 (US). KERSEY, Alan, D.; 75 Taylor Town Road, S. Glastonbury, CT 06073 (US). DAWSON, Jay, W.; 2779 Vernazza Drive, Livermore, CA 94550 (US). DUNPHY, James, R.; 21 Hickory Drive, S. Glastonbury, CT 06073 (US). PINTO, Joseph, F.; 14 North Cherry Street #2, Wallingford, CT 06492 (US). O'KEEFE, Christian; 58 Canterbury Drive, Durham, CT 06422 (US). SZCZEPANEK, Paul; 5 Forest Glen Circle, Apartment 17, Middletown, CT 06457 (US).

(74) BARBER, William, J.; Ware, Fressola, Van Der Sluys & Adolphson LLP, 755 Main Street, Monroe, CT 06468 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04J 14/08, H04B 10/00, 10/04, 10/06

(11) WO 03/028267 (13) A1

(21) PCT/US02/06330

(22) 28 Feb/fév 2002 (28.02.2002)

(25) en (26) en

(30) 09/962,243 26 Sep/sep 2001 US (26.09.2001)

(30) 09/962,339 26 Sep/sep 2001 US (26.09.2001)

(30) 60/352,991 1 Feb/fév 2002 US (01.02.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MITIGATING NONLINEAR TRANSMISSION IMPAIRMENTS IN FIBER-OPTIC COMMUNICATIONS SYSTEMS

• ATTENUATION DE DEGRADATIONS DE TRANSMISSION NON LINEAIRE DANS DES SYSTEMES DE COMMUNICATION PAR FIBRES OPTIQUES

(71) CELIGHT, INC. [US/US]; 12200 Tech Road, Silver Spring, MD 20904 (US).

(72) CHO, Pak, Shing; 24 Spring Street, Gaithersburg, MD 20877 (US). REINGAND, Nadejda; 7 Stablmere Court, Baltimore, MD 21209 (US). GRIGORYAN, Vladimir; 5227 Grovemont Drive, Elkridge, MD 21075 (US). DEMIR, Alper; KOC University, Electrical-Electronics Dept., Rumeli Feneri Yolu, 89010 Sariyer-Istanbul (TR). SALAMON, Aviv; 12200 Tech Road, Silver Spring, MD 20904 (US). SHPANTZER,

Isaac; 12200 Tech Road, Silver Spring, MD 20904 (US).

(74) ZEGGER, Paul, J. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

(51)<sup>7</sup> H04L

(11) WO 03/028268 (13) A2

(21) PCT/DE02/03630

(22) 25 Sep/sep 2002 (25.09.2002)

(25) de (26) de

(30) 101 47 497.0 26 Sep/sep 2001 DE (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR MANAGING SERVICES IN A COMMUNICATION SYSTEM? SERVICE CONTROL DEVICE AND COMPUTER PROGRAM

• PROCEDE POUR GERER DES PRESTATIONS DE SERVICE DANS UN SYSTEME DE COMMUNICATION, DISPOSITIF DE COMMANDE DE PRESTATIONS ET PROGRAMME INFORMATIQUE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) KIENZLE, Klaus [DE/DE]; Wendelsteinstr. 37, 82054 Sauerlach (DE). NEUHAUS, Matthias [DE/DE]; Trivastr. 15 C, 80637 München (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (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 SI 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 IE IT LU MC NL PT SE 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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT 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)<sup>7</sup> H04L

(11) WO 03/028269 (13) A2

(21) PCT/US02/30058

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 09/962,200 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AN ADAPTIVE CODING SCHEME FOR OFDM WLANS WITH A PRIORI CHANNEL STATE INFORMATION AT THE TRANSMITTER

• SCHEMA DE CODAGE ADAPTATIF POUR RESEAUX LOCAUX SANS FIL MROF AVEC INFORMATION D'ETAT DE CANAL A PRIORI AU NIVEAU DE L'EMETTEUR

(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) TERRY, John, David [US/US]; 1402 Blakes Way, Garland, TX 75042 (US).

(74) SHAW, Steven, A. et al. / etc.; Nokia Inc., 6000 Connection Drive, MS 1-4-755, Irving, TX 75039 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L

(11) WO 03/028270 (13) A1

(21) PCT/US02/30175

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 09/962,912 24 Sep/sep 2001 US (24.09.2001)

(30) 09/963,115 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • POST-FFT SCALING TO REDUCE MULTIPLE EFFECTS AND FINE FREQUENCY OFFSET ESTIMATION

• MISE A L'ECHELLE POST-TFR DESTINEE A REDUIRE DES EFFETS MULTIPLES ET UNE ESTIMATION PRECISE DE DECALAGE DE FREQUENCE

(71) ATHEROS COMMUNICATIONS, INC. [US/US]; 529 Almanor Avenue, Sunnyvale, CA 94085 (US).



(72) GILBERT, Jeffrey, M.; 825 E. Evelyn Avenue, #215, Sunnyvale, CA 94086 (US). MENG, Teresa, H.; 119 Campo Drive, Portola Valley, CA 94028 (US). THOMSON, John; 450 Oak Grove Drive, #202, Santa Clara, CA 95054 (US). WANG, Yi-Hsiu; 650 Barron Avenue, Palo Alto, CA 94306 (US).

(74) JAKOPIN, David, A. et al. / etc.; Pillsbury Winthrop LLP, 1600 Tysons Boulevard, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L

(11) WO 03/028271 (13) A2

(21) PCT/US02/30348

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 60/324,728 24 Sep/sep 2001 US (24.09.2001)

(30) 60/352,129 25 Jan/jan 2002 US (25.01.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS OF USING QUANTITATIVE LIPID METABOLOME DATA

- PROCEDE D'UTILISATION DE DONNEES QUANTITATIVES CONCERNANT LE METABOLOME LIPIDIQUE

(71) LIPOMICS TECHNOLOGIES, INC. [US/US]; Suite 110, 2545 Boatman Avenue, West Sacramento, CA 95691 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) WATKINS, Steven, M. [US/US]; 2400 Poleline Road #72, Davis, CA 95616 (US).

(74) HARDING, Tanya, M.; Klarquist Sparkman, LLP, One World Trade Center, Suite 1600, 121 SW Salmon Street, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L

(11) WO 03/028272 (13) A2

(21) PCT/US02/30449

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/963,217 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND SYSTEM FOR DETECTING FALSE PACKETS IN WIRELESS COMMUNICATIONS SYSTEMS

- PROCEDE ET SYSTEME DE DETECTION DE FAUX PAQUETS DANS DES SYSTEMES DE COMMUNICATION SANS FIL

(71) ATHEROS COMMUNICATIONS INC. [US/US]; 529 Almanor Avenue, Sunnyvale, CA 94085 (US).

(72) McFARLAND, William, J.; 529 Almanor Avenue, Sunnyvale, CA 94085 (US). THOMSON, John, S.; 529 Almanor Avenue, Sunnyvale, CA 94085 (US).

(74) CARPENTER, John, W.; Crosby, Heafey, Roach & May, Suite 2000, Two Embarcadero Center, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L

(11) WO 03/028273 (13) A2

(21) PCT/US02/30453

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/963,218 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM, METHOD, AND APPARATUS FOR COMMUNICATING INFORMATION BETWEEN A MOBILE COMMUNICATIONS DEVICE AND A BAR CODE SCANNER

- SYSTEME, PROCEDE ET APPAREIL PERMETTANT DE COMMUNIQUER DES INFORMATIONS ENTRE UN DISPOSITIF DE COMMUNICATIONS MOBILE ET UN DISPOSITIF DE BALAYAGE DE CODES A BARRES

(71) ECRIO, INC. [US/US]; 10121 Miller Avenue, Suite 102, Cupertino, CA 95014 (US).

(72) CHALLA, Nagesh; 123000 Fredericksburg Court, Saratoga, CA 95070 (US). GOBBURU, Venkata, T.; 7069 Phyllis Avenue, San Jose, CA 95129 (US).

(74) CARROLL, David, H. et al. / etc.; Suite 4700, 370 Seventeenth Street, Denver, CO 80202 (US).

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

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04L

(11) WO 03/028274 (13) A2

(21) PCT/US02/30523

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/324,892 27 Sep/sep 2001 US (27.09.2001)

(30) 10/253,659 25 Sep/sep 2002 US (25.09.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD FOR DROPPING LOWER PRIORITY PACKETS THAT ARE SLATED FOR TRANSMISSION

- SYSTEME ET PROCEDE PERMETTANT D'ELIMINER LES PAQUETS NON PRIORITAIRES DESIGNES POUR ETRE TRANSMIS

(71) BROADCOM CORPORATION [US/US]; 16215 Alton Parkway, Irvine, Ca California 92618-3616 (US).

(72) LANSING, Shane; 28882 Greenacres, Mission Viejo, CA 92692 (US). PANTELIAS, Niki; 2662 Oriole Lane, Duluth, GA 30096 (US). VU, Young; 10 Marysville, Irvine, CA 92602 (US). GOMEZ, Francisco, J.; 147 Creek Front Way, Lawrenceville, GA 30043 (US).

(74) SOKOHL, Robert, E.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US) et al. / etc.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H04L

(11) WO 03/028275 (13) A2

(21) PCT/US02/30800

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/966,616 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SECURE SOCKET LAYER CONNECTION METHOD AND APPARATUS

- PROCEDE ET SYSTEME DE CONNEXION PAR PROTOCOLE SSL

(71) CAW NETWORKS, INC. [US/US]; 3231 Scott Boulevard, Santa Clara, CA 95054 (US).

(72) MCCUTCHEON, Leslie; 4629 Nelson Street, Fremont, CA 94538 (US).

(74) CASCIO, Anthony, T.; 423 Broadway Avenue, Suite 314, Millbrae, CA 94030 (US).

(81) AU BR CN JP KR RU.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H04L

(11) WO 03/028276 (13) A2

(21) PCT/US02/31044

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 60/300,813 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • QPSK PHASE AMBIGUITY CORRECTOR

- CORRECTEUR D'AMBIGUITE DE PHASE PAR MODULATION PAR DEPLACEMENT DE PHASE EN QUADRATURE (QPSK)

(71) WORLDSPACE CORPORATION [US/US]; 2400 N Street, N.W., Washington, DC 20037 (US).

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

(72, 75) CAMPANELLA, S. Joseph [US/US]; 18917 Whetstone Circle, Montgomery Village, MD 20886 (US).

(74) HOLMES, John et al. / etc.; Roylance, Abrams, Berdo & Goodman, L.L.P., 1300 19th Street, N.W., Suite 600, Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 1/00

(11) WO 03/028277 (13) A2

(21) PCT/US02/30344

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/965,189 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR EFFICIENT USE OF COMMUNICATION RESOURCES IN A CDMA COMMUNICATION SYSTEM

- PROCEDE ET APPAREIL POUR UNE UTILISATION EFFICACE DE RESOURCES DE COMMUNICATION DANS UN SYSTEME DE COMMUNICATION AMRC

(71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) CHEN, Tao; 5415 Harvest Run Drive, San Diego, CA 92130 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 1/02, 7/02, 27/06

(11) WO 03/028278 (13) A1

(21) PCT/US02/29431

(22) 17 Sep/sep 2002 (17.09.2002)

(25) en (26) en

(30) 09/957,745 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • IMPULSE RADIO RECEIVER AND METHOD FOR FINDING ANGULAR OFFSET OF AN IMPULSE RADIO TRANSMITTER

- RECEPTEUR RADIO A IMPULSIONS ET PROCEDE DE CONSTATATION D'UN DECALAGE ANGULAIRE D'UN EMETTEUR RADIO A IMPULSIONS

(71) TIME DOMAIN CORPORATION [US/US]; 7057 Old Madison Pike, Huntsville, AL 35806 (US).

(72) LANGFORD, David, W.; 106 Haversham Lane, Madison, AL 35758 (US). NIEBURG, Michael, J.; 11026 Everest Circle, Huntsville, AL 35803 (US). SHREVE, Gregory, A.; 1201 South Trotwood Avenue, San Pedro, CA 90732 (US).

(74) TUCKER, William, J.; 8650 Southwestern Blvd. #2825, Dallas, TX 75206-2688 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 1/18

(11) WO 03/028279 (13) A2

(21) PCT/DE02/03406

(22) 12 Sep/sep 2002 (12.09.2002)

(25) de

(26) de

(30) 101 47 426.1 26 Sep/sep 2001 DE (26.09.2001)

(30) 102 28 822.4 27 Jun/juin 2002 DE (27.06.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • REPLACEMENT MESSAGES FOR IDENTIFYING AND PREVENTING ERRORS DURING THE TRANSMISSION OF REAL TIME-CRITICAL DATA

- MESSAGES DE REMPLACEMENT POUR DETECTER ET EVITER DES ERREURS LORS DE LA TRANSMISSION DE DONNEES CRITIQUES EN TEMPS REEL

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) BRÜCKNER, Dieter [DE/DE]; Obere Dorfstr. 10, 96199 Zapfendorf (DE). KLOTZ, Dieter [DE/DE]; Kanenbergsstr. 15, 90768 Fürth (DE). KRAUSE, Karl-Heinz [DE/DE]; Augraben 41, 90475 Nürnberg (DE). SCHIMMER, Jürgen [DE/DE]; Franz-Reichel-Ring 97, 90473 Nürnberg (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CA CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CA CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 1/18

(11) WO 03/028280 (13) A2

(21) PCT/DE02/03590

(22) 23 Sep/sep 2002 (23.09.2002)

(25) de (26) de

(30) 101 47 487.3 26 Sep/sep 2001 DE (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND RADIO STATION FOR DATA TRANSMISSION IN A RADIO COMMUNICATION SYSTEM

- PROCEDE ET STATION RADIO POUR TRANSMETTRE DES DONNEES DANS UN SYSTEME DE RADIOCOMMUNICATION

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) LOTT, Matthias [DE/DE]; Springerstr. 9, 81477 München (DE). SCHULZ, Egon [DE/DE]; Wittenberger Str. 3, 80993 München (DE). COSTA, Elena [DE/DE]; Hüterweg 21, 85748 Garching (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

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

DZ EC EE ES FI GB GD GE GH GM HR HU  
ID 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  
SI 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 IE IT LU MC NL  
PT SE 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 BY BZ CA CH CN CO CR CU CZ  
DK DM DZ EC EE ES FI GB GD GE GH GM HR  
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ  
NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT 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)<sup>7</sup> H04L 9/00

(11) WO 03/028281 (13) A2

(21) PCT/CA01/01429

(22) 15 Oct/oct 2001 (15.10.2001)

(25) en (26) en

(30) 2,358,048 25 Sep/sep 2001 CA  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A CRYPTOSYSTEM FOR DATA SECU-  
RITY  
• CRYPTOSYSTEME POUR SECURISER  
DES DONNEES

(71) 3927296 CANADA INC. [CA/CA]; 270 Al-  
bert Street, Ottawa, Ontario K1P 5G8 (CA).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) OOMMEN, John, B. [CA/CA]; 5942  
3rd Line Road, North Gower, Ontario K0A  
2T0 (CA). RUEDA, Luis [AR/CA]; 360 Bell  
Street, Unit 1105, Ottawa, Ontario K1S 5E8  
(CA).

(74) MBM & CO.; P.O. Box 809, Station B, Ot-  
tawa, Ontario K1P 5P9 (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 PH PL PT RO RU  
SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU  
TJ TM); EP (AT BE BG 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).

(51)<sup>7</sup> H04L 9/00

(11) WO 03/028282 (13) A2

(21) PCT/DE02/02849

(22) 1 Aug/août 2002 (01.08.2002)

(25) de (26) de

(30) 101 41 813.2 27 Aug/août 2001 DE  
(27.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TRANSMISSION OF DATA TO  
GROUPS OF RECEIVERS  
• TRANSMISSION DE DONNEES A DES  
GROUPEES DE DESTINATAIRES

(71) SIEMENS AKTIENGESELLSCHAFT  
[DE/DE]; Wittelsbacherplatz 2, 80333  
München (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) HANS, Martin [DE/DE]; Sohldfeld 19,  
31139 Hildesheim (DE). ECKERT, Michael  
[DE/DE]; Hilsstrasse 1, 38122 Braunschweig  
(DE). BECKMANN, Mark [DE/DE]; Fasa-  
nenstrasse 12, 38102 Braunschweig (DE).  
OTTE, Andreas [DE/DE]; Burger Land-  
strasse 11, 29227 Celle (DE).

(74) SIEMENS AKTIENGESELLSCHAFT;  
Postfach 22 16 34, 80506 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

**Declarations / Déclarations :**

(s) for the following designations / pour les  
designations suivantes : JP EP (AT BE BG CH  
CY CZ DE DK EE ES FI FR GB GR IE IT LU MC  
NL PT SE SK TR)

(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 9/00, G06F 1/00

(11) WO 03/028283 (13) A1

(21) PCT/SE01/02033

(22) 21 Sep/sep 2001 (21.09.2001)

(25) en (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ARRANGEMENT AND METHOD FOR  
EXECUTION OF CODE  
• ARRANGEMENT ET PROCEDE  
D'EXECUTION DE CODE

(71) TELEFONAKTIEBOLAGET LM ERIC-  
SSON (publ) [SE/SE]; S-126 25 Stockholm  
(SE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) HALÉN, Joacim [SE/SE]; Prosvägen  
11, S-171 64 Solna (SE). RINDBORG, Tom  
[SE/SE]; Fatburs Brunnsgrata 11, S-118 28  
Stockholm (SE).

(74) DR. LUDWIG BRANN PATENTBYRÅ  
AB; P.O. BOX 171 92, S-10462 STOCK-  
HOLM (SE).

(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 PH PL PT RO RU  
SD SE SG SI 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 ZW); EA (AM AZ BY KG KZ MD RU  
TJ TM); EP (AT BE BG 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).

**Declarations / Déclarations :**

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

(51)<sup>7</sup> H04L 9/00

(11) WO 03/028284 (13) A1

(21) PCT/US02/30842

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/325,250 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SECURE BROADCAST SYSTEM AND  
METHOD  
• SYSTEME ET PROCEDE SURS DE DIF-  
FUSION

(71) SYNCHRON NETWORKS [US/US]; 100  
Enterprise Way C230, Scotts Valley, CA  
95066 (US).

(72) LEVINE, David; 331 Flora Lane, Scotts  
Valley, CA 95066 (US). CAIN, Ron; 1669  
Nelson Road #6, Scotts Valley, CA 95066  
(US). MARKOWITZ, Sidney; 1310 Or-  
chard Drive, Santa Cruz, CA 95060 (US).

(74) GRAY CARY WARE & FREIDENRICH  
LLP; Patent Department, 1755 Embarcadero  
Road, Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 9/00

(11) WO 03/028285 (13) A2

(21) PCT/DE02/02837

(22) 1 Aug/août 2002 (01.08.2002)

(25) de (26) de

(30) 101 42 498.1 30 Aug/août 2001 DE  
(30.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR ENCODING AND DE-  
CODING COMMUNICATION DATA  
• PROCEDE POUR CODER ET DECO-  
DER DES DONNEES DE COMMUNI-  
CATION

(71) SIEMENS AKTIENGESELLSCHAFT  
[DE/DE]; Wittelsbacherplatz 2, 80333  
München (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) FELLERER, Josef [DE/DE]; Willibald-  
strasse 199, 80689 München (DE).

(74) SIEMENS AKTIENGESELLSCHAFT;  
Postfach 22 16 34, 80506 München (DE).

(81) CA CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR),

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : CA CN JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)  
(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 9/30

(11) WO 03/028286 (13) A1

(21) PCT/FR02/03021

(22) 5 Sep/sep 2002 (05.09.2002)

(25) fr (26) fr

(30) 01/12274 24 Sep/sep 2001 FR (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR IMPLEMENTING IN AN ELECTRONIC COMPONENT A CRYPTOGRAPHIC ALGORITHM FOR FINDING THE PUBLIC EXPONENT

• PROCEDE DE MISE EN OEUVRE, DANS UN COMPOSANT ELECTRONIQUE, D'UN ALGORITHME DE CRYPTOGRAPHIE PERMETTANT DE TROUVER L'EXPOSANT PUBLIC

(71) GEMPLUS [FR/FR]; Avenue du Pic de Bertagne, Parc d'activités de Gémenos, F-13420 Gémenos (FR).

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

(72, 75) FEYT, Nathalie [FR/FR]; 8, chemin de Raphèle, 7 lotissement de l'oliveraie, F-13780 Cuges les Pins (FR). JOYE, Marc [BE/FR]; 19, rue Voltaire, F-83640 Saint Zacharie (FR). PAILLIER, Pascal [FR/FR]; 37, cours de Vincennes, F-75020 Paris (FR). QUES-ROCHAT, Florence [FR/FR]; 11, rue du Guide, F-92600 Asnières sur Seine (FR). VILLEGAS, Karine [FR/FR]; 162, chemin de Licutaud, F-13420 Gémenos (FR).

(74) BRUYERE, Pierre; Gemplus, BP 100, F-13881 Gémenos Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 9/32

(11) WO 03/028287 (13) A1

(21) PCT/US02/29881

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 60/324,211 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR CONTROLLING PAIRED OPERATION OF A CONDITIONAL ACCESS

MODULE AND AN INTEGRATED RECEIVER AND DECODER

• PROCEDE ET APPAREIL DE COMMANDE DU FONCTIONNEMENT ASSOCIE EN PAIRE D'UN MODULE D'ACCES CONDITIONNEL ET D'UN DECODEUR ET D'UN RECEPTEUR INTEGRES

(71) HUGHES ELECTRONICS CORPORATION [US/US]; Building 001, M/S A109, 200 N. Sepulveda Boulevard, El Segundo, CA 90245-0956 (US). 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) KAHN, Raynold, M. [ZA/US]; 465 N. Poinsettia Place, Los Angeles, CA 90036 (US). LEVY, Jordan [US/IL]; Mitzpe Nevo 51/5, Maaleh Adumim 98410 (IL).

(74) COOPER, Victor, G.; Gates & Cooper LLP, Suite 1050, 6701 Center Drive West, Los Angeles, CA 90045 (US).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> H04L 12/00

(11) WO 03/028288 (13) A2

(21) PCT/CA02/01451

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/963,487 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND SYSTEM FOR CONGESTION AVOIDANCE IN PACKET SWITCHING DEVICES

• PROCEDE ET SYSTEME PERMETTANT D'EVITER UNE CONGESTION DANS DES DISPOSITIFS A COMMUTATION PAR PAQUETS

(71) HYPERCHIP INC. [CA/CA]; 1800 René-Lévesque Ouest, Montreal, Quebec H3H 2H2 (CA).

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

(72, 75) ROCHON, Steve [CA/CA]; 5680 Bertrand, Brossard, Quebec J4Z 3E1 (CA). NORMAN, Richard, S. [US/CA]; 1877 Poissant Road, Sutton, Quebec J0E 2K0 (CA). BOIVIN, Robin [CA/CA]; 46 Garden-City, Ste-Anne-de-Bellevue, Quebec H9X 1V9 (CA).

(74) GEORGIEV, Stephan, P. et al. / etc.; Smart & Biggar, Suite 3400, 1000 de la Gauchetière Street West, Montreal, Quebec H3B 4W5 (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 SD SE SG SI 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 IE IT LU MC NL

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

**Declarations / Déclarations :**

(s) for all designations / pour toutes les désignations  
(t) for all designations / pour toutes les désignations  
(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 12/00

(11) WO 03/028289 (13) A2

(21) PCT/DE02/03434

(22) 13 Sep/sep 2002 (13.09.2002)

(25) de (26) de

(30) 101 47 435.0 26 Sep/sep 2001 DE (26.09.2001)

(30) 102 35 436.7 2 Aug/août 2002 DE (02.08.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR TRANSMITTING REAL TIME DATA MESSAGES IN A CYCLIC COMMUNICATIONS SYSTEM

• PROCEDE POUR LA TRANSMISSION DE TELEGRAMMES DE DONNEES TEMPS REEL DANS UN SYSTEME DE COMMUNICATION CYCLIQUE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) BERNECKER, Herbert [DE/DE]; Baumgartenweg 32, 91560 Heilsbronn (DE). BRÜCKNER, Dieter [DE/DE]; Obere Dorfstrasse 10, 96199 Zapfendorf (DE). GÖTZ, Franz, Josef [DE/DE]; Laibstadt 48, 91180 Heideck (DE). KLOTZ, Dieter [DE/DE]; Kannenbergstrasse 15, 90768 Fürth (DE). SCHIMMER, Jürgen [DE/DE]; Franz-Reichel-Ring 97, 90473 Nürnberg (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 IE IT LU MC NL PT SE SK TR).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)  
(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 12/00

(11) WO 03/028290 (13) A2

(21) PCT/DE02/03440

(22) 13 Sep/sep 2002 (13.09.2002)

(25) de (26) de

(30) 101 47 436.9 26 Sep/sep 2001 DE (26.09.2001)

(30) 102 37 351.5 14 Aug/août 2002 DE (14.08.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR OPERATING A SWITCHING NODE IN A DATA NETWORK

• PROCEDE POUR EXPLOITER UN NOEUD DE COMMUTATION DANS UN RESEAU DE TRANSMISSION DE DONNEES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) ARNOLD, Johann [DE/DE]; Zeidlerstrasse 13, 90530 Wendelstein (DE). KLOTZ, Dieter [DE/DE]; Kannenbergstrasse 15, 90768 Fürth (DE). MÜNCH, Christoph [DE/DE]; Am Bach 12 a, 76344 Eggenstein (DE). SCHIMMER, Jürgen [DE/DE]; Franz-Reichel-Ring 97, 90473 Nürnberg (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CA CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CA CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 12/00

(11) WO 03/028291 (13) A2

(21) PCT/DE02/03500

(22) 18 Sep/sep 2002 (18.09.2002)

(25) de (26) de

(30) 101 46 550.5 21 Sep/sep 2001 DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR THE AUTOMATED RECORDING OF TOPOLOGICAL DATA OF A COMMUNICATIONS NETWORK, SWITCHING NODE, HEAD END, CONTROL PROGRAMME FOR SWITCHING NODE AND CONTROL PROGRAMME FOR HEAD END

• PROCEDE POUR COLLECTER AUTOMATIQUEMENT DES DONNEES TOPOLOGIQUES D'UN RESEAU DE COMMUNICATION, NOEUD DE COMMUTATION, TETE DE RESEAU, PROGRAMME DE COMMANDE POUR NOEUD DE COMMUTATION ET PROGRAMME DE COMMANDE POUR TETE DE RESEAU

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) PEXA, Günther [AT/DE]; Brückenweg 2A, 82237 Wörthsee (DE). RIEKEN, Manuel [DE/DE]; Gartenstr. 9, 82234 Wessling (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (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 SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT 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)<sup>7</sup> H04L 12/00

(11) WO 03/028292 (13) A2

(21) PCT/US02/30057

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 09/962,707 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD FOR PROCESSING PACKETS

• SYSTEME ET PROCEDE DE TRAITEMENT DE PAQUETS

(71) ERICSSON, INC. [US/US]; 6300 Legacy, Plano, TX 75024 (US).

(72) BERGGREEN, Arthur; 1445 Camino Rio Verde, Santa Barbara, CA 93111 (US). HARDING-JONES, William, Paul; 9 Emborne Gardens, Bracknell, Berkshire RG12 2LG (GB).

(74) WEATHERFORD, Sidney et al. / etc.; Ericsson Inc., 6300 Legacy, MS EVW 2-C-2, Plano, TX 75024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04L 12/18, G06F 17/30

(11) WO 03/028293 (13) A1

(21) PCT/FI02/00747

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 20011871 24 Sep/sep 2001 FI (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • STREAMING OF MULTIMEDIA FILES COMPRISING META-DATA AND MEDIA-DATA

• TRANSMISSION EN CONTINU DE FICHIERS MULTIMEDIA COMPORTANT DES METADONNEES ET DES DONNEES MULTIMEDIA

(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) AKSU, Emre [TR/FI]; Atomikatu 5 A 12, FIN-33720 Tampere (FI). HANNUKSELA, Miska [FI/FI]; Kukkaniitynkatu 4 B, FIN-33710 Tampere (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O.Box 148, FIN-00121 Helsinki (FI).

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

(51)<sup>7</sup> H04L 12/24, 12/26

(11) WO 03/028294 (13) A1

(21) PCT/IB02/03678

(22) 6 Sep/sep 2002 (06.09.2002)

(25) en (26) en

(30) 09/962,259 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD FOR MONITORING THE STATUS OF A NETWORK DEVICE

• SYSTEME ET PROCEDE POUR SURVEILLER L'ETAT D'UN DISPOSITIF DE RESEAU

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

(72) SHTEYN, Yevgeniy, E.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

- (74) GRAVENDEEL, Cornelis; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> H04L 12/24
- (11) WO 03/028295 (13) A1
- (21) PCT/IB02/03855
- (22) 16 Sep/sep 2002 (16.09.2002)
- (25) en (26) en
- (30) 09/962,968 24 Sep/sep 2001 US (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • INTEGRATION, MANAGEMENT AND PROCESSING OF NETWORK DATA FROM DISPARATE SOURCES
- INTEGRATION, GESTION ET TRAITEMENT DE DONNES DE RESEAU A PARTIR DE SOURCES DISPARATES
- (71) MYCOM INTERNATIONAL [GB/GB]; P.O. Box 316, Jardine House, 1 Wesley Street, St. Helier, Jersey JE4 8UD (GB).
- (72) SARBASZ, Siamak; 72 Dollis Road, London NW7 1JY (GB). BONNEAU, Philippe; 12, rue de Sentier, F-75002 Paris (FR). CANETTI, Youri; 84, avenue Secrétan, F-75019 Paris (FR). BOUCLIER, Hugues; 8, rue de Saint Hubert, F-75011 Paris (FR). SAUGERON, Anthony; 34, boulevard du Temple, F-75011 Paris (FR). GAUTIER, Vincent; 191, rue du Temple, F-75011 Paris (FR). TAVOULARIS, David; 8, rue d'Avron, F-75020 Paris (FR).
- (74) WOMBWELL, Francis; Potts, Kerr & Co., 15 Hamilton Square, Birkenhead, Merseyside CH41 6BR (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> H04L 12/26, H04B 3/46
- (11) WO 03/028296 (13) A1
- (21) PCT/US02/30780
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en
- (30) 60/325,117 27 Sep/sep 2001 US (27.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • COMMUNICATION SYSTEM AND TECHNIQUES FOR TRANSMISSION FROM SOURCE TO DESTINATION
- SYSTEME ET TECHNIQUES DE COMMUNICATION TRANSMETTANT
- ENTRE UNE SOURCE ET UNE DESTINATION
- (71) EG TECHNOLOGY, INC. [US/US]; 250 14th Street, N.W., Suite 4007, Atlanta, GA 30318 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SIVAKUMAR, Raghupathy [IN/US]; 702 Highland Park Trail, Atlanta, GA 30350 (US). JAYANT, Nikil [US/US]; 4390 Candacraig, Atlanta, GA 30022 (US).
- (74) RUDICH, Rebecca, Goldman et al. / etc.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04L 12/28
- (11) WO 03/028297 (13) A1
- (21) PCT/DE02/02836
- (22) 1 Aug/août 2002 (01.08.2002)
- (25) de (26) de
- (30) 101 42 007.2 28 Aug/août 2001 DE (28.08.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • ARRANGEMENT FOR THE WIRELESS CONNECTION OF TERMINALS TO A COMMUNICATION SYSTEM
- AGENCEMENT POUR LE RACCORDEMENT SANS FIL DE TERMINAUX A UN SYSTEME DE COMMUNICATION
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BENNING, Gerhard [DE/DE]; Sportplatzstr. 90, 85716 Unterschleissheim (DE). KLEIN, Josef [DE/DE]; Hauptstr. 51, 83623 Ascholding (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 IE IT LU MC NL PT SE SK TR).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
- (u) for / pour US only / seulement
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- (51)<sup>7</sup> H04L 12/28
- (11) WO 03/028298 (13) A2
- (21) PCT/IB02/03615
- (22) 4 Sep/sep 2002 (04.09.2002)
- (25) en (26) en
- (30) 01203588.7 21 Sep/sep 2001 EP (21.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • NO SPECIFIC CONTROL MODULE? USE LESS SPECIFIC ONE
- PAS DE MODULE DE COMMANDE SPECIFIQUE? UTILISEZ UN MODULE MOINS SPECIFIQUE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) VAN BRERO, Koen, G.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). ZONDAG, Eduard, G.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> H04L 12/28, B61G 5/10, H04B 15/00
- (11) WO 03/028299 (13) A1
- (21) PCT/JP02/09733
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) ja (26) ja
- (30) 2001-290523 25 Sep/sep 2001 JP (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • INFORMATION TRANSMITTER OF ROLLING STOCK
- EMETTEUR D'INFORMATIONS DE MATERIEL ROULANT
- (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) NAGASU, Masahiro [JP/JP]; c/o Hitachi Research Laboratory of HITACHI, LTD., 1-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). SATO, Yutaka [JP/JP]; c/o Hitachi Research Laboratory of HITACHI, LTD., 1-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). TERUNUMA, Mutsuhiro [JP/JP]; c/o Mito Transportation Systems Product Division, Transportation Systems Division of HITACHI, LTD., 1070, Ichige, Hitachinaka-shi, Ibaraki 312-0033 (JP). AKIYAMA, Hiroyuki [JP/JP]; c/o Mito Transportation Systems Product Division, Transportation Systems Division of HITACHI, LTD., 1070, Ichige, Hitachinaka-shi, Ibaraki 312-0033 (JP).
- (74) TAKADA, Yukihiko; 1-48, Saiwai-cho 2-chome, Hitachi-shi, Ibaraki 317-0073 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)<sup>7</sup> H04L 12/28
- (11) WO 03/028300 (13) A1
- (21) PCT/KR02/01005
- (22) 28 May/mai 2002 (28.05.2002)
- (25) en (26) en
- (30) 2001/59949 27 Sep/sep 2001 KR (27.09.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • REMOTE CONTROL SYSTEM USING MOBILE COMMUNICATION TERMINAL  
• SYSTEME DE COMMANDE A DISTANCE METTANT EN OEUVRE UN TERMINAL DE COMMUNICATION MOBILE
- (71) **MOBILETALK CO.,LTD.** [KR/KR]; #311, Namsan Bldg., 34-5, Namsan-dong 3-ga, Joong-gu, 100-043 Seoul (KR). **INSTITUTE OF INFORMATION TECHNOLOGY ASSESSMENT** [KR/KR]; P.O.Box 76, Yuseong-gu, 305-600 Daejeon (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HONG, Seung-Woo** [KR/KR]; #311, Namsan Bldg., 34-5, Namsan-dong 3-ga, Joong-gu, 100-043 Seoul (KR).
- (74) **JUNG, Sesung**; #506, HubaHuba Bldg., 648, Yoksam-dong, Gangnam-gu, 135-911 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04L 12/28**  
(11) **WO 03/028301** (13) A1  
(21) PCT/US02/28777  
(22) **10 Sep/sep 2002 (10.09.2002)**  
(25) en (26) en  
(30) 09/961,602 **24 Sep/sep 2001 US (24.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MULTICAST IP ZONES FOR FAST SPANNING TREE CONVERGENCE IN WIDE-AREA PACKET NETWORK SYSTEMS  
• ZONES IP MULTIDIFFUSION POUR CONVERGENCE RAPIDE D'ARBRES MAXIMAUX DANS DES SYSTEMES DE RESEAUX A COMMUTATION PAR PAQUETS ETENDUS
- (71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **MAHER, John W.**; P.O. Box 721, Crystal Lake, IL 60039 (US). **HARRINGTON, Patrick L.**; 236 W. Kenilworth Avenue, Palatine, IL 60067 (US).
- (74) **HUGHES, Terri, S. et al. / etc.**; Motorola, Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04L 12/28, 12/56**  
(11) **WO 03/028303** (13) A1  
(21) PCT/US02/30200  
(22) **24 Sep/sep 2002 (24.09.2002)**  
(25) en (26) en  
(30) 09/961,837 **24 Sep/sep 2001 US (24.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHODS AND APPARATUS FOR THE FAIR ALLOCATION OF BANDWIDTH  
• PROCEDES ET APPAREIL D'ATTRIBUTION EQUITABLE DE LARGEUR DE BANDE
- (71) **TRANSWITCH CORPORATION** [US/US]; 3 Enterprise Drive, Shelton, CT 06484 (US).
- (72) **NOVICK, Ronald, P.**; 258 Karen Drive, Orange, CT 06477 (US).
- (74) **GORDON, David, P. et al. / etc.**; 65 Woods End Road, Stamford, CT 06905 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> **H04L 12/28**  
(11) **WO 03/028304** (13) A1  
(21) PCT/US02/30522  
(22) **26 Sep/sep 2002 (26.09.2002)**  
(25) en (26) en  
(30) 60/324,939 **27 Sep/sep 2001 US (27.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • HIGHLY INTEGRATED MEDIA ACCESS CONTROL  
• COMMANDE D'ACCES A UN SUPPORT A FORTE INTEGRATION
- (71) **BROADCOM CORPORATION** [US/US]; 16215 Alton Parkway, Irvine, Ca 92618-3616 (US).
- (72) **DENNEY, Lisa, Voigt**; 86 Grandwater Drive, Suwanee, GA 30024 (US). **MOSHAR, Hooman**; 18140 Devonwood Circle, Fountain Valley, CA 92708 (US). **HORTON, Jr., John, Daniel**; 11590 Windbrooke Way, Alpharetta, GA 30005 (US). **LANSING, Shane, Patrick**; 28882 Greenacres, Mission Viejo, CA 92692 (US). **NAZARETH, Sean, Francis**; 19 Morro Bay, Irvine, CA 92602 (US). **PANTELIAS, Niki, Roberta**; 2662 Oriole Lane, Duluth, GA 30096 (US).
- (74) **SOKOHL, Robert et al. / etc.**; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, DC 20005-3934 (US).
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- Published / Publiée : (c)
- (51)<sup>7</sup> **H04L 12/40, B60R 16/02, H04B 3/54, 3/56**  
(11) **WO 03/028305** (13) A2  
(21) PCT/DE02/02681  
(22) **20 Jul/juil 2002 (20.07.2002)**  
(25) de (26) de  
(30) 101 42 408.6 **31 Aug/août 2001 DE (31.08.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND SUPPLY LINE STRUCTURE FOR TRANSMITTING DATA BETWEEN ELECTRICAL AUTOMOTIVE COMPONENTS

- PROCEDE ET STRUCTURE DE LIGNES D'ALIMENTATION DESTINES A LA TRANSMISSION D'INFORMATIONS ENTRE DES PARTIES ELECTRIQUES D'UN VEHICULE
- (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) **ENDERS, Thorsten** [DE/DE]; Floschweg 2, 71665 Vaihingen (DE). **HUGEL, Robert** [DE/DE]; Joseph-Von-Eichendorff-Strasse 9, 76199 Karlsruhe (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GD 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 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04L 12/44**
- (11) **WO 03/028306** (13) A1
- (21) PCT/DE02/03433
- (22) **13 Sep/sep 2002 (13.09.2002)**
- (25) de (26) de
- (30) 101 47 412.1 **26 Sep/sep 2001** DE  
**(26.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR CREATING A STATIC ADDRESS TABLE AND DATA NETWORK
- PROCEDE POUR LA GENERATION D'UNE TABLE D'ADRESSES STATIQUE ET RESEAU DE DONNEES
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BRÜCKNER, Dieter** [DE/DE]; Obere Dorfstrasse 10, 96199 Zapfendorf (DE). **GÖTZ, Franz-Josef** [DE/DE]; Laibstadt 48, 91180 Heideck (DE). **KLOTZ, Dieter** [DE/DE]; Kannenbergstrasse 15, 90768 Fürth (DE). **SCHIMMER, Jürgen** [DE/DE]; Franz-Reichel-Ring 97, 90473 Nürnberg (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) CA CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- Declarations / Déclarations :  
*(s) for the following designations / pour les désignations suivantes : CA CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)*  
*(u) for / pour US only / seulement*
- 
- (51)<sup>7</sup> **H04L 12/44**
- (11) **WO 03/028307** (13) A1
- (21) PCT/JP02/09657
- (22) **19 Sep/sep 2002 (19.09.2002)**
- (25) ja (26) ja
- (30) 2001-286461 **20 Sep/sep 2001** JP  
**(20.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • OPTICAL FIBER NETWORK SYSTEM TRANSMISSION METHOD, OPTICAL FIBER NETWORK SYSTEM THEREOF, AND CENTRAL UNIT THEREOF
- PROCEDE DE TRANSMISSION DANS UN SYSTEME DE RESEAU A FIBRES OPTIQUES, SYSTEME DE RESEAU A FIBRES OPTIQUES CORRESPONDANT ET UNITE CENTRALE CORRESPONDANTE
- (71) **SYNCLAYER INC.** [JP/JP]; 901, Tokugawa 1-chome, Higashi-ku, Nagoya-shi, Aichi 461-0025 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) **IWAI, Masashi** [JP/JP]; c/o SYNCLAYER INC. Kani Plant, 20, Himegaoka 1-chome, Kani-shi, Gifu 509-0249 (JP).
- (74) **FUJITANI, Osamu**; Tsuchiya Bldg. 3F, 23, Ichiyonagi Dohri 1-chome, Nakagawa-ku, Nagoya-shi, Aichi 454-0905 (JP).
- (81) CN KR US.
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- (51)<sup>7</sup> **H04L 12/46**
- (11) **WO 03/028308** (13) A1
- (21) PCT/DE02/03431
- (22) **13 Sep/sep 2002 (13.09.2002)**
- (25) de (26) de
- (30) 101 47 419.9 **26 Sep/sep 2001** DE  
**(26.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD FOR CREATING A DYNAMIC ADDRESS TABLE FOR A SWITCHING NODE IN A DATA NETWORK AND A METHOD FOR TRANSMITTING A DATA MESSAGE
- PROCEDE POUR LA CREATION D'UNE TABLE D'ADRESSES DYNAMIQUE POUR UN NOEUD DE COUPLAGE DANS UN RESEAU DE DONNEES ET PROCEDE POUR LA TRANSMISSION D'UN TELEGRAMME DE DONNEES
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BRÜCKNER, Dieter** [DE/DE]; Obere Dorfstrasse 10, 96199 Zapfendorf (DE). **GÖTZ, Franz-Josef** [DE/DE]; Laibstadt 48, 91180 Heideck (DE). **KLOTZ, Dieter** [DE/DE]; Kannenbergstrasse 15, 90768 Fürth (DE). **SCHIMMER, Jürgen** [DE/DE]; Franz-Reichel-Ring 97, 90473 Nürnberg (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) CA CN US.
- 
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- Declarations / Déclarations :  
*(s) for the following designations / pour les désignations suivantes : CA CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)*  
*(u) for / pour US only / seulement*
- 
- (51)<sup>7</sup> **H04L 12/50, H04Q 11/04**
- (11) **WO 03/028309** (13) A1
- (21) PCT/US02/20357
- (22) **26 Jun/juin 2002 (26.06.2002)**
- (25) en (26) en
- (30) 09/964,184 **25 Sep/sep 2001** US  
**(25.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • TRUNKING INTER-SWITCH LINKS
- JONCTION DE LIAISONS INTERCOMMUNICATEURS
- (71) **MCDATA CORPORATION** [US/US]; 310 Interlocken Parkway, Broomfield, CO 80021 (US).
- (72) **SOLOWAY, Stuart, R.**; 55 Iorraine Metcalf Drive, Wrentham, MA 02093 (US). **YANG, Henry, S.**; 32 Baker Lane, Erie, CO 80516 (US). **BEAL, David, D.**; 2439 Mallard Circle, Longmont, CO 80504 (US).
- (74) **BURTON, Carol, W.** et al. / etc.; Hogan and Hartson LLP, 1200 17th Street, Suite 1500, Denver, CO 80202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 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).
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- (51)<sup>7</sup> **H04L 12/56, H04Q 7/38**
- (11) **WO 03/028310** (13) A1
- (21) PCT/CA02/01454
- (22) **25 Sep/sep 2002 (25.09.2002)**
- (25) en (26) en
- (30) 60/324,510 **26 Sep/sep 2001** US  
**(26.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MOBILE DEVICE AND METHOD FOR HANDLING GPRS ATTACH REJECTION
- DISPOSITIF MOBILE ET PROCEDE DE GESTION DU REJET D'UNE CONNEXION GPRS
- (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) **DEU-NGOC, Joseph, T.** [CA/CA]; 725 Cedar Bend Drive, Waterloo, Ontario N2V



2R2 (CA). **GIBBS, Fraser, C.** [CA/CA]; 379 Cornerbrook Pl, Waterloo, Ontario N2V 1M3 (CA). **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 SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT 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)<sup>7</sup> H04L 12/56, 12/28, 12/40, 12/64

(11) WO 03/028311 (13) A1

(21) PCT/DE02/02983

(22) 14 Aug/août 2002 (14.08.2002)

(25) de (26) de

(30) 101 41 815.9 27 Aug/août 2001 DE (27.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR PACKET DATA TRANSMISSION

• PROCEDE DE TRANSMISSION DE PAQUETS DE DONNEES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) **KERN, Ralf** [DE/DE]; Holtwicker Str. 62a, 46399 Bocholt (DE). **SCHÜLING, Jürgen** [DE/DE]; Am Sandbach 18, 46397 Bocholt (DE). **BECKMÖLLER, Carola**

[DE/DE]; Königsberger Str. 49, 47495 Rheinberg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) AU BR CA CN JP KR PL RU US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

#### Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 12/56

(11) WO 03/028312 (13) A1

(21) PCT/DE02/03014

(22) 16 Aug/août 2002 (16.08.2002)

(25) de (26) de

(30) 101 42 496.5 30 Aug/août 2001 DE (30.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR ESTABLISHING A CONNECTION AND SHORT-RANGE RADIO TRANSCEIVER UNIT

• PROCEDE D'ETABLISSEMENT D'UNE COMMUNICATION ET APPAREIL RADIO EMETTEUR/RECEPTEUR A COURTE DISTANCE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) **KAMPERSCHROER, Erich** [DE/DE]; Am Königsbach 27, 46499 Hamminkeln (DE). **SCHEIDEMANN, Ernst-Wilhelm** [DE/DE]; Starenweg 6, 46414 Rhede (DE). **SCHWARK, Uwe** [DE/DE]; Freiheitstrasse 6, 46399 Bocholt (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) AU BR CA CN IN JP KR PL RU US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

#### Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AU BR CA CN IN JP KR PL RU EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 12/56, 12/28, H04Q 7/38

(11) WO 03/028313 (13) A2

(21) PCT/GB02/04349

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 0123057.2 25 Sep/sep 2001 GB (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A VIRTUAL WIRELESS NETWORK

• RESEAU VIRTUEL SANS FIL

(71) **RED-M (COMMUNICATIONS) LIMITED** [GB/GB]; Neptune House, Mercury Park, Wycombe Lane, Wooburn Green, Bucks HP10 0HH (GB).

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

(72, 75) **CURNYN, Jon** [GB/GB]; 6 Bakers Orchard, Wooburn Green, High Wycombe, Bucks, HP10 0LS (GB).

(74) **GILL Jennings & Every**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 12/56, 29/06, 1/16

(11) WO 03/028314 (13) A1

(21) PCT/JP02/09379

(22) 19 Sep/sep 2002 (19.09.2002)

(25) ja (26) ja

(30) 2001-285789 19 Sep/sep 2001 JP (19.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMMUNICATION METHOD, COMMUNICATION APPARATUS, RECEPTION APPARATUS, COMMUNICATION PROGRAM, COMPUTER-READABLE RECORDING MEDIUM CONTAINING COMMUNICATION PROGRAM, AND NETWORK SYSTEM

• PROCEDE DE COMMUNICATION, APPAREIL DE COMMUNICATION, APPAREIL DE RECEPTION, PROGRAMME DE COMMUNICATION, PROGRAMME DE COMMUNICATION CONTENANT UN SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR, ET SYSTEME DE RESEAU

(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) **TAKEMOTO, Minoru** [JP/JP]; 2613-1-1015, Ichinomoto-cho, Tenri-shi, Nara 632-0004 (JP). **OHTANI, Yoshihiro** [JP/JP]; 3-1-2-301, Sakuragaoka, Seika-cho, Soraku-gun, Kyoto 619-0232 (JP). **UEDA, Toru** [JP/JP]; 2-12-1-1, Umemidai, Kizu-cho, Soraku-gun, Kyoto 619-0215 (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 ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL

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

(51)<sup>7</sup> H04L 12/56, 12/28

(11) WO 03/028315 (13) A1

(21) PCT/SE02/01625

(22) 11 Sep/sep 2002 (11.09.2002)

(25) en (26) en

(30) 60/326,059 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR MULTIHOP ROUTING FOR DISTRIBUTED WLAN NETWORKS

• PROCEDE DE ROUTAGE A BONDOS MULTIPLES POUR RESEAUX WLAN DISTRIBUES

(71) TELEFONAKTIEBOLAGET LM ERICSSON [SE/SE]; S-126 25 Stockholm (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LINDSKOG, Jan [SE/SE]; Rådvägen 54, S-435 43 Pixbo (SE). RYDNELL, Gunnar [SE/SE]; Silleskärsgatan 47, S-421 59 V Frölunda (SE). LARSSON, Peter [SE/SE]; Ballonggatan 2 Itr, S-169 71 Solna (SE).

(74) ERICSSON AB; Patent Unit West, S-431 84 Mölndal (SE).

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

(51)<sup>7</sup> H04L 12/56

(11) WO 03/028316 (13) A1

(21) PCT/US02/28119

(22) 5 Sep/sep 2002 (05.09.2002)

(25) en (26) en

(30) 09/965,548 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • WIRELESS NETWORK CONNECTION APPARATUS AND METHOD FOR PORTABLE COMPUTERS

• COFFRET D'INTERCONNEXION A UN RESEAU SANS FIL ET PROCEDE D'INTEGRATION D'ORDINATEURS PORTABLES

(71) THE BOEING COMPANY [US/US]; P.O. Box 3707, M/S 13-08, Seattle, WA 98124-2207 (US).

(72) PARKMAN, David, S.; 8238 SE 72nd Street, Mercer Island, WA 98040 (US).

(74) GALBRAITH, Ann, K.; The Boeing Company, P.O. Box 3707, M/S 13-08, Seattle, WA 98124-2207 (US).

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

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04L 12/56

(11) WO 03/028317 (13) A1

(21) PCT/US02/28522

(22) 4 Sep/sep 2002 (04.09.2002)

(25) en (26) en

(30) 09/960,120 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • EMULATING PUSH FUNCTIONALITY IN CELLULAR DATA NETWORKS

• EMULATION DE LA FONCTIONNALITE OFFERTE PAR LE MODELE DU POUSSER DANS DES RESEAUX CELLULAIRES DE DONNEES

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) KNAUERHASE, Robert; 4926 S.W. Corbett Avenue, #108, Portland, OR 97201 (US). DESHPANDE, Nikhil; 16311 S.W. Horse-shoe Way, Beaverton, OR 97007 (US).

(74) MALLIE, Michael, J.; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 12/56, H04Q 7/38

(11) WO 03/028318 (13) A1

(21) PCT/US02/30594

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 09/964,820 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS AND METHOD FOR HANDOFF IN A WIRELESS NETWORK

• APPAREIL ET PROCEDE DE TRANSFERT DANS UN RESEAU SANS FIL

(71) INTEL CORPORATION (a Delaware Corporation) [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) LEEPER, David; 8603 East Corrine Drive, Scottsdale, AZ 85260 (US).

(74) MALLIE, Michael, J.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04L 12/64

(11) WO 03/028319 (13) A2

(21) PCT/DE02/03203

(22) 30 Aug/août 2002 (30.08.2002)

(25) de (26) de

(30) 101 47 164.5 25 Sep/sep 2001 DE (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR DETERMINING THE PROPAGATION DELAY OF A CONNECTION WITH TRANSMISSION VIA A PACKET-BASED NETWORK

• PROCEDE POUR DETERMINER LE RETARD DE TEMPS DE PROPAGATION D'UNE COMMUNICATION AVEC TRANSMISSION PAR L'INTERMEDIAIRE D'UN RESEAU A COMMUTATION PAR 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) HOFFMANN, Klaus [DE/DE]; Peschelanger 8, 81735 München (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) BR CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : BR CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 12/64, 12/24

(11) WO 03/028320 (13) A1

(21) PCT/DE02/03438

(22) 13 Sep/sep 2002 (13.09.2002)

(25) de (26) de

(30) 101 47 424.5 26 Sep/sep 2001 DE (26.09.2001)

(30) 102 28 823.2 27 Jun/juin 2002 DE (27.06.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR OPERATING AN ISOCHRONOUS CYCLIC COMMUNICATION SYSTEM

• PROCEDE POUR L'EXPLOITATION D'UN SYSTEME DE COMMUNICATION CYCLIQUE ISOCHRONE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(71, 72) SCHIMMER, Jürgen [DE/DE]; Franz-Reichel-Ring 97, 90473 Nürnberg (DE).

(72, 75) BRÜCKNER, Dieter [DE/DE]; Obere Dorfstrasse 10, 96199 Zapfendorf (DE). GÖTZ, Franz-Josef [DE/DE]; Laibstadt 48, 91180 Heideck (DE). KLOTZ, Dieter [DE/DE]; Kannenbergstrasse 15, 90768 Fürth (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CA CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CA CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 12/64, G06F 5/06

(11) WO 03/028321 (13) A1

(21) PCT/DE02/03521

(22) 19 Sep/sep 2002 (19.09.2002)

(25) de (26) de

(30) 101 47 423.7 26 Sep/sep 2001 DE (26.09.2001)

(30) 102 30 127.1 4 Jul/juil 2002 DE (04.07.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR PROCESSING CONSISTENT DATA SETS

• PROCÉDÉ POUR TRAITER DES ENREGISTREMENTS COHÉRENTS

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) BRÜCKNER, Dieter [DE/DE]; Obere Dorfstrasse 10, 96199 Zapfendorf (DE). GÖTZ, Franz-Josef [DE/DE]; Laibstadt 48, 91180 Heideck (DE). KLOTZ, Dieter [DE/DE]; Kannenbergstrasse 15, 90768 Fürth (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CA CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CA CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 25/00

(11) WO 03/028322 (13) A2

(21) PCT/US02/30953

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/968,259 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • APPARATUS AND METHOD FOR POWER EFFICIENT LINE DRIVER

• APPAREIL ET PROCEDE DESTINE A UN CIRCUIT DE COMMANDE DE LIGNE A ENERGETIQUEMENT RENTABLE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) WILCOX, Jeffrey, R.; 6593 Stone Road, Hudson, OH 44236 (US). YOSEF, Noam; 20 Henrietta Sold, 34722 Haifa (IL). YUFFE, Marcelo; 18 HaRofo, 30500 Binyamina (IL).

(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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 25/02, 27/26

(11) WO 03/028323 (13) A1

(21) PCT/DE02/02182

(22) 14 Jun/juin 2002 (14.06.2002)

(25) de (26) de

(30) 101 41 971.6 28 Aug/août 2001 DE (28.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ADAPTIVE CHANNEL ESTIMATION FOR AN OFDM-BASED MOBILE TELEPHONY SYSTEM BY VARIATION OF THE NUMBER OF PILOT SYMBOLS

• ESTIMATION ADAPTATIVE DE VOIE DANS UN SYSTEME DE TELEPHONIE MOBILE BASE SUR LA MODULATION OFDM PAR VARIATION DU NOMBRE DES SYMBOLES PILOTES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) BÄR, Siegfried [DE/DE]; Hildegardstr. 22, 85716 Unterschleissheim (DE). CHOI, Hyung-Nam [KR/DE]; Amrumer Knick 11,

22117 Hamburg (DE). KOWALEWSKI, Frank [DE/DE]; Schierke 16, 38228 Salzgitter (DE). SCHMIDT, Holger [DE/DE]; Schlaegerstr. 25, 30171 Hannover (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : JP EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 25/02

(11) WO 03/028324 (13) A2

(21) PCT/DE02/03585

(22) 20 Sep/sep 2002 (20.09.2002)

(25) de (26) de

(30) 101 46 585.8 21 Sep/sep 2001 DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND CIRCUIT CONFIGURATION FOR ADAPTING THE VOLTAGE LEVEL FOR THE TRANSMISSION OF DATA

• PROCEDE ET MONTAGE DESTINES A L'ADAPTATION DU NIVEAU DE TENSION POUR LA TRANSMISSION DE DONNEES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) BRAND, Uwe [DE/DE]; Stockerweg 17, 81829 München (DE). KÖNIG, Wilhelm [DE/DE]; Falkenstrasse 43, 86391 Stadtbergen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 25/03

(11) WO 03/028325 (13) A2

(21) PCT/DE02/03024

(22) 19 Aug/août 2002 (19.08.2002)

(25) de (26) de

(30) 101 42 102.8 30 Aug/août 2001 DE (30.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DEVICE FOR LOW-NOISE SIGNAL TRANSMISSION

• DISPOSITIF DE TRANSMISSION DE SIGNAUX QUASIMENT EXEMPTÉ DE PERTURBATIONS

(71) SCHLEIFRING UND APPARATEBAU GMBH [DE/DE]; Am Hardtanger 10, 82256 Fürstfeldbruck (DE).

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

(72, 75) LOHR, Georg [DE/DE]; Allinger Strasse 75, 82223 Eichenau (DE). SCHILLING, Harry [DE/DE]; Kostergarten 15A, 85072 Eichstätt (DE).

(74) LOHR, Georg; München & Kollegen, Wilhelm-Mayr-Strasse 11, 80689 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 25/49

(11) WO 03/028326 (13) A1

(21) PCT/IB02/03683

(22) 9 Sep/sep 2002 (09.09.2002)

(25) en (26) en

(30) 01203612.5 24 Sep/sep 2001 EP (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • INFRARED COMMUNICATIONS SYSTEMS COMPRISING A CODING FUNCTION TO REDUCE THE MAXIMUM NUMBER OF CONSECUTIVE SPACES IN THE SIGNAL SENT

• SYSTEMES DE COMMUNICATIONS INFRAROUGE A FONCTION DE CODAGE REDUISANT LE NOMBRE MAXIMUM D'ESPACES CONSECUTIFS DANS LES SIGNAUX TRANSMIS

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

(72) GRIEP, Pieter, D.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LAMBRECHTS, Marc, E., C.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) UITTENBOGAARD, Frank; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H04L 27/00

(11) WO 03/028327 (13) A2

(21) PCT/US02/30016

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 09/962,842 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • EFFICIENT METHODS FOR FILTERING TO AVOID INTER-SYMBOL INTERFERENCE AND PROCESSING DIGITAL SIGNALS HAVING LARGE FREQUENCY GUARD BANDS

• PROCEDES DE FILTRAGE EFFICACES PERMETTANT D'EVITER LE BROUILLAGE INTER-SYMBOLS ET DE TRAITER DES SIGNAUX NUMERIQUES A LARGES BANDES DE GARDE DE FREQUENCE

(71) ATHEROS COMMUNICATIONS, INC. [US/US]; 529 Almanor Avenue, Sunnyvale, CA 94085 (US).

(72) BAAS, Bevan, M.; 975 San Marcus Circle, Mountain View, CA 94043 (US). GILBERT, Jeffrey, M.; 825 E. Evelyn Avenue, #215, Sunnyvale, CA 94086 (US). MCFARLAND, William; 451 Valencia Drive, Los Altos, CA 94022 (US). MENG, Teresa, H.; 119 Campo Drive, Portola Valley, CA 94028 (US). TEHRANI, Ardavan, Maleki; 525 Gabilan Street, Apt.#6, Los Altos, CA 94022 (US).

(74) JAKOPIN, David, A. et al. / etc.; Pillsbury Winthrop LLP, 1600 Tysons Boulevard, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 27/20

(11) WO 03/028328 (13) A2

(21) PCT/US02/30109

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 09/962,691 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD OF PHASE MODULATION CONTROL IN RF SIGNAL GENERATION

• SYSTEME ET PROCEDE DE COMMANDE DE MODULATION DE LA PHASE DANS LA PRODUCTION D'UN SIGNAL RADIOFREQUENCE

(71) ERICSSON INC. [US/US]; 6300 Legacy Drive, Plano, TX 75024 (US).

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

(72, 75) NGUYEN, Cong [CA/US]; 6202 Chesden Drive, Durham, NC 27713 (US). BRIGHT, Randy [US/US]; 104 Tripp Road, Pittsboro, NC 27312 (US).

(74) BENNETT, David; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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

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

(51)<sup>7</sup> H04L 27/26

(11) WO 03/028329 (13) A2

(21) PCT/US02/30411

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 60/325,048 26 Sep/sep 2001 US (26.09.2001)

(30) 10/143,134 10 May/mai 2002 US (10.05.2002)

(30) 10/191,901 9 Jul/juil 2002 US (09.07.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SINGLE-CARRIER TO MULTI-CARRIER WIRELESS ARCHITECTURE

• ARCHITECTURE DE COMMUNICATION SANS FIL MONOPORTEUSE A MULTIPORTEUSE

(71) INTERSIL AMERICAS INC. [US/US]; 2401 Palm Bay Road NE, Mail Stop: 53-209, Palm Bay, FL 32905 (US).

(72) WEBSTER, Mark A.; 139 Island View Drive, Indian Harbour Beach, FL 32937 (US). SEALS, Michael J.; 2288 Autumn Way, Melbourne, FL 32935 (US).

(74) STANFORD, Gary R.; 610 West Lynn, Austin, TX 78703 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 29/00

(11) WO 03/028330 (13) A2

(21) PCT/US02/30128

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 09/966,552 26 Sep/sep 2001 US (26.09.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • UNIQUE ON-LINE PROVISIONING OF USER TERMINALS ALLOWING USER AUTHENTICATION
- APPROVISIONNEMENT EN LIGNE UNIQUE DE TERMINAUX UTILISATEURS PERMETTANT UNE AUTHENTIFICATION D'UTILISATEUR
- (71) GENERAL INSTRUMENT CORPORATION [US/US]; Motorola, Inc., Broadband Communications Sector, 101 Tournament Drive, Horsham, PA 19044 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MEDVINSKY, Alexander [US/US]; 8873 Hampe Court, San Diego, CA 92129 (US). PETERKA, Petr [US/US]; 5126 Caminito Vista Lujo, San Diego, CA 92130 (US). MORONEY, Paul [US/US]; 3411 Western Springs Road, Olivehain, CA 92024 (US).
- (74) ALBERT, Philip, H. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> H04L 29/02
- (11) WO 03/028331 (13) A1
- (21) PCT/ES02/00433
- (22) 17 Sep/sep 2002 (17.09.2002)
- (25) es (26) es
- (30) P 01 01 04493 24 Sep/sep 2001 AR (24.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD OF ESTABLISHING A DIRECT COMMUNICATION BETWEEN COMMUNICATION TERMINALS SUCH AS COMPUTERS
- PROCEDE PERMETTANT D'ETABLIR UNE COMMUNICATION DIRECTE ENTRE DES TERMINAUX DE COMMUNICATION TELS QUE DES ORDINATEURS
- (71, 72) KROLOVETZKY, Miguel, Horacio [AR/ES]; Casanova 54, 7 planta, E-08011 Barcelona (ES).
- (74) ZUAZO ARALUZE, Alexander; Alonso Cano, 85, E-28003 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 ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04L 29/06, 12/28
- (11) WO 03/028332 (13) A1
- (21) PCT/DE01/03309
- (22) 28 Aug/août 2001 (28.08.2001)
- (25) de (26) de
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • COUPLING OR CO-ORDINATION BETWEEN A FIRST IP-BASED MOBILITY MANAGEMENT OF A FIRST NETWORK (RAN) AND A SECOND IP-BASED MOBILITY MANAGEMENT OF A SECOND NETWORK (CORE) AND CORRESPONDING NETWORK STRUCTURE
- COUPLAGE ET COORDINATION D'UNE PREMIERE GESTION DE MOBILITE IP D'UN PREMIER RESEAU (RAN) AVEC UNE DEUXIEME GESTION DE MOBILITE IP D'UN DEUXIEME RESEAU (CENTRAL) ET STRUCTURE DE RESEAU CORRESPONDANTE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GERLICH, Notker [DE/DE]; Katharina Eberhard Str. 12-14, 85540 Haar (DE). LAUTENBACHER, Markus [DE/DE]; Warbergstrasse 2, Oberammergau 82487 (DE). RAUTENBERG, Mathias [DE/DE]; Lerchenstrasse 9, 82223 Eichenau (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA 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 GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04L 29/06, 12/66
- (11) WO 03/028333 (13) A1
- (21) PCT/DE02/03345
- (22) 9 Sep/sep 2002 (09.09.2002)
- (25) de (26) de
- (30) 101 47 148.3 25 Sep/sep 2001 DE (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • NETWORK GATEWAY DEVICE AND COMMUNICATIONS SYSTEM FOR
- REAL TIME COMMUNICATION CONNECTIONS
- UNITE DE CONNEXION DE RESEAUX ET SYSTEME DE COMMUNICATION POUR LIAISONS DE COMMUNICATION EN TEMPS REEL
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MÜLLER, Heribert [AT/AT]; Lerchenweg 15, A-3730 Eggenburg (AT). TOTZKE, Jürgen [DE/DE]; Blumenstrasse 49, 85586 Poing (DE). MÜLLER, Harald [DE/DE]; Flugrenzstrasse 36, 82205 Gilching (DE). KLAGHOFER, Karl [AT/DE]; Krüner Strasse 12, 81373 München (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) CA CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- Declarations / Déclarations :  
(s) for the following designations / pour les désignations suivantes : CA CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> H04L 29/06
- (11) WO 03/028334 (13) A2
- (21) PCT/DE02/03351
- (22) 10 Sep/sep 2002 (10.09.2002)
- (25) de (26) de
- (30) 101 47 147.5 25 Sep/sep 2001 DE (25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • METHOD AND DEVICE FOR IMPLEMENTATION OF A FIREWALL APPLICATION FOR COMMUNICATION DATA
- PROCEDE ET DISPOSITIF DE MISE EN OEUVRE D'UNE APPLICATION DE PARE-FEU POUR DES DONNEES DE COMMUNICATION
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VOLKMANN, Gerald [DE/DE]; Himalajastr. 32, 81825 München (DE). TOTZKE, Jürgen [DE/DE]; Blumenstr. 49, 85586 Poing (DE). MÜLLER, Harald [DE/DE]; Flugrenzstr. 36, 82205 Gilching (DE). KLAGHOFER, Karl [AT/DE]; Krüner Str. 12, 81373 München (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) CA CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Declarations / Déclarations :  
(s) for the following designations / pour les désignations suivantes : CA CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 29/06

(11) WO 03/028335 (13) A1

(21) PCT/DE02/03356

(22) 10 Sep/sep 2002 (10.09.2002)

(25) de (26) de

(30) 101 47 146.7 25 Sep/sep 2001 DE  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR THE TRANSMISSION OF DATA IN A PACKET-ORIENTED DATA NETWORK

- PROCEDE DE TRANSMISSION DE DONNEES DANS UN RESEAU DE DONNEES ORIENTE PAQUET

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) VOLKMANN, Gerald [DE/DE]; Himalajastrasse 32, 81825 München (DE). TOTZKE, Jürgen [DE/DE]; Blumenstrasse 49, 85586 Poing (DE). KLAGHOFER, Karl [AT/DE]; Krüner Strasse 12, 81373 München (DE). MÜLLER, Harald [DE/DE]; Flurgrenzstrasse 36, 82205 Gilching (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CA CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CA CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 29/06, 12/28

(11) WO 03/028336 (13) A2

(21) PCT/DE02/03430

(22) 13 Sep/sep 2002 (13.09.2002)

(25) de (26) de

(30) 101 47 428.8 26 Sep/sep 2001 DE  
(26.09.2001)(30) 102 34 149.4 26 Jul/juil 2002 DE  
(26.07.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • RECEIPT OF DATA MESSAGES IN COMMUNICATIONS SYSTEMS COMPRISING REDUNDANT NETWORK PATHS

- RECEPTION DE TELEGRAMMES DE DONNEES DANS DES SYSTEMES DE COMMUNICATION A VOIES DE RESEAU REDONDANTES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) ARNOLD, Johann [DE/DE]; Zeidlerstrasse 13, 90530 Wendelstein (DE).

BRÜCKNER, Dieter [DE/DE]; Obere Dorfstrasse 10, 96199 Zapfendorf (DE). GÖTZ, Franz-Josef [DE/DE]; Laibstadt 48, 91180 Heideck (DE). KLOTZ, Dieter [DE/DE]; Kannenbergstrasse 15, 90768 Fürth (DE). SCHIMMER, Jürgen [DE/DE]; Franz-Reichel-Ring 97, 90473 Nürnberg (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CA CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CA CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 29/06, 12/40

(11) WO 03/028337 (13) A2

(21) PCT/DE02/03444

(22) 13 Sep/sep 2002 (13.09.2002)

(25) de (26) de

(30) 101 47 411.3 26 Sep/sep 2001 DE  
(26.09.2001)(30) 102 37 350.7 14 Aug/août 2002 DE  
(14.08.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR ACCESSING A COMMAND UNIT FOR A DATA NETWORK

- PROCEDE POUR ACCEDER A UNE UNITE DE COMMANDE POUR RESEAU DE TRANSMISSION DE DONNEES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) BRÜCKNER, Dieter [DE/DE]; Obere Dorfstrasse 10, 96199 Zapfendorf (DE). GÖTZ, Franz-Josef [DE/DE]; Laibstadt 48, 91180 Heideck (DE). KLOTZ, Dieter [DE/DE]; Kannenbergstrasse 15, 90768 Fürth (DE). KRAUSE, Karl-Heinz [DE/DE]; Augraben 41, 90475 Nürnberg (DE). SCHIMMER, Jürgen [DE/DE]; Franz-Reichel-Ring 97, 90473 Nürnberg (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CA CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CA CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 29/06

(11) WO 03/028338 (13) A1

(21) PCT/US02/29800

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/960,886 21 Sep/sep 2001 US  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A SYSTEM AND METHOD FOR CONTROLLING SIGNAL PROCESSING IN A VOICE OVER PACKET (VOP) ENVIRONMENT

- SYSTEME ET PROCEDE PERMETTANT DE COMMANDER LE TRAITEMENT DES SIGNAUX DANS UN ENVIRONNEMENT DE VOIX SUR PAQUETS (VOP)

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) MEHTA, Manoj; 25851 Faircourt Lane, Laguna Hills, CA 92653 (US). SHAH, Saurin; 2455 Armstrong Place, Santa Clara, CA 95050 (US). STEIGER, Dianne; 15151 Cherboung Avenue, Irvine, CA 92604 (US). LAWTON, Chris; 3217 New York Avenue, Costa Mesa, CA 92626 (US). BIST, Anurag; 40 Alcoba, Irvine, CA 92614 (US).

(74) MALLIE, Michael, J.; Blakely, Sokoloff, Taylor &amp; Zaffman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04L 29/10

(11) WO 03/028339 (13) A1

(21) PCT/JP02/09613

(22) 19 Sep/sep 2002 (19.09.2002)

(25) ja (26) ja

(30) 2001/289901 21 Sep/sep 2001 JP  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • DATA TRANSMISSION APPARATUS CONTROL METHOD, DATA TRANSMISSION APPARATUS CONTROL UNIT, DATA TRANSMISSION APPARATUS, DATA TRANSMISSION APPARATUS CONTROL PROGRAM, AND RECORDING MEDIUM CONTAINING THE PROGRAM

- PROCEDE DE COMMANDE D'APPAREIL DE TRANSMISSION DE DONNEES, UNITE DE COMMANDE D'APPAREIL DE TRANSMISSION DE DONNEES, APPAREIL DE TRANSMISSION DE DONNEES, PROGRAMME DE COMMANDE D'APPAREIL DE TRANSMISSION DE DONNEES, ET SUPPORT D'ENREGISTREMENT CONTENANT CE PROGRAMME

(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) **TAKAHASHI, Masafumi** [JP/JP]; 2613-1-C-961, Ichinomoto-cho, Tenri-shi, Nara 632-0004 (JP).
- (74) **HARA, Kenzo et al. / etc.**; HARA KENZO 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 ES FI GB GD GE GH GM HR HU ID IL IN IS 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 29/12, 29/06

(11) WO 03/028340 (13) A1

(21) PCT/DE02/02840

(22) 1 Aug/août 2002 (01.08.2002)

(25) de (26) de

(30) 101 42 500.7 30 Aug/août 2001 DE (30.08.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • PRE- PROCESSING OF NAT ADDRESSES

• PRE-TRAITEMENT D'ADRESSES NAT

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) **KLAGHOFER, Karl** [AT/DE]; Krüner Strasse 12, 81373 München (DE). **MÜLLER, Harald** [DE/DE]; Flurgrenzstr. 36, 82205 Gilching (DE). **TOTZKE, Jürgen** [DE/DE]; Blumenstr. 49, 85586 Poing (DE). **VOLK-MANN, Gerald** [DE/DE]; Himalajastr. 32, 81825 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 29/12

(11) WO 03/028341 (13) A2

(21) PCT/US02/31154

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/967,084 28 Sep/sep 2001 US (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TAGGING PACKETS WITH A LOOKUP KEY TO FACILITATE USAGE OF A UNIFIED PACKET FORWARDING CACHE

• MARQUAGE DE PAQUETS A L'AIDE D'UNE CLE DE RECHERCHE, PERMETTANT DE FACILITER L'UTILISATION D'UN CACHE UNIFIE DE RETRANSMISSION DE PAQUETS

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **EGEVANG, Kjeld**; Rorkaer 27, DK-2765 Smorum (DK). **BEIER, Niels**; Sommerstedgade 9B, DK-1718 Copenhagen (DK). **CHRISTENSEN, Jacob**; Frugthegnet 91, DK-2830 Virum (DK).

(74) **MALLIE, Michael, J. et al. / etc.**; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M

(11) WO 03/028342 (13) A2

(21) PCT/IN02/00191

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 980/Del/01 25 Sep/sep 2001 IN (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A SYSTEM WHICH AUTOMATICALLY DISABLES OR SWITCHES OFF A CELLPHONE

• SYSTEME DE DESACTIVATION OU DE MISE HORS TENSION AUTOMATIQUE D'UN TELEPHONE CELLULAIRE

(71, 72) **SINGH, Yashpal** [IN/IN]; 104/47 Silver Oaks, Apartments, DLF Qutab Enclave, Phase I, Gurgaon 122 002, Haryana (IN). **SINGH, Anirudh** [IN/IN]; 104/47 Silver Oaks, Apartments, DLF Qutab Enclave, Phase I, Gurgaon 122 002, Haryana (IN). **SINGH, Manu** [IN/IN]; 104/47 Silver Oaks, Apartments, DLF Qutab Enclave, Phase I, Gurgaon 122 002, Haryana (IN). **VERMA, Lokinder, Singh** [IN/IN]; 104/47 Silver Oaks, Apartments, DLF Qutab Enclave, Phase I, Gurgaon 122 002, Haryana (IN).

(74) **BANERJEE, Sudipta**; L.S. Davar & Co., Monalisa, Flats IB & 1C, 17 Camac Street, Kolkata 700 017 (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M

(11) WO 03/028343 (13) A2

(21) PCT/US02/30239

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/961,941 24 Sep/sep 2001 US (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • COMMUNICATION SYSTEM FOR LOCATION SENSITIVE INFORMATION AND METHOD THEREFOR

• SYSTEME DE TELECOMMUNICATION POUR INFORMATIONS VARIANT SELON LES LIEUX ET PROCEDE CORRESPONDANT

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **EATON, Eric, T.**; 3198 Medinah Circle, Lake Worth, FL 33467 (US). **MOCK, Von**; 8114 Rose Marie Circle, Boynton Beach, FL 33437 (US).

(74) **DULANEY, Randi, L. et al. / etc.**; 8000 West Blvd., Room 1610, Fort Lauderdale, FL 33322 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M

(11) WO 03/028344 (13) A2

(21) PCT/US02/30549

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 09/963,844 26 Sep/sep 2001 US (26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHODS AND APPARATUS FOR A MODULAR WIRELESS SYSTEM

• PROCEDES ET APPAREIL POUR SYSTEME MODULAIRE SANS FIL

(71) **TELCORDIA TECHNOLOGIES, INC.** [US/US]; 445 South Street, Morristown, NJ 07960 (US).

- (72) **WILKES, Joseph, E.**; 6 Bradford Terrace, Middletown, NJ 07748 (US). **ZABLOCKY, Paul, G.**; 4 Buttonwood Drive, Shrewsbury, NJ 07702 (US).
- (74) **GIORDANO, Joseph et al. / etc.**; Telcordia Technologies, Inc., 445 South Street 1G112R, Morristown, NJ 07960 (US).
- (81) CA JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> **H04M 1/02, 3/42, H04Q 7/22, H01H 9/16**
- (11) **WO 03/028345** (13) A1
- (21) PCT/SE02/01769
- (22) **26 Sep/sep 2002 (26.09.2002)**
- (25) en (26) en
- (30) 0103242-4 **28 Sep/sep 2001 SE (28.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **DEVICE AND METHOD FOR COMMUNICATION STATUS**
- **PROCEDE ET DISPOSITIF INDIQUANT UN ETAT DE COMMUNICATION**
- (71) **TELIA AB (PUBL.) [SE/SE]**; Mårbackagatan 11, S-123 86 Farsta (SE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CACCIATORE, Elenor [SE/SE]**; Pelargatan 11, S-121 47 Johanneshov (SE). **PERSSON, Per [SE/SE]**; Härjedalsgatan 8, S-162 66 Vällingby (SE). **ESPINOZA, Fredrik [SE/SE]**; Maria Sandels Gränd 2, S-112 69 Stockholm (SE). **BLÅVALL, Fredrik [SE/SE]**; Kastanjevägen 22, S-125 52 Älvsjö (SE). **JANSSON, Eleonore [SE/SE]**; Fryskeppsvägen 75, S-121 54 Johanneshov (SE).
- (74) **SVENSSON, Peder**; Telia Research AB, Vitsandsgatan 9, S-123 86 Farsta (SE).
- (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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04M 1/02**
- (11) **WO 03/028346** (13) A1
- (21) PCT/US02/30937
- (22) **27 Sep/sep 2002 (27.09.2002)**
- (25) en (26) en
- (30) 09/969,381 **28 Sep/sep 2001 US (28.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **ELECTRONIC DEVICE WITH EXTENDABLE KEYBOARD**
- **DISPOSITIF ELECTRONIQUE A CLAVIER EXTENSIBLE**
- (71) **4151003 CANADA INC. [CA/CA]**; 505 Tralee Crescent, Tsawwassen, British Columbia V4M 3R9 (CA). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MIRAMONTES, Ivan [US/US]**; 1309 Honan Avenue, Whittier, CA 90601 (US).
- (74) **KREBS, Robert, E. et al. / etc.**; Thelen Reid & Priest LLP, P.O. Box 640640, San Jose, CA 95110-2701 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **H04M 1/64, 15/00, 3/42, G06F 17/60**
- (11) **WO 03/028347** (13) A2
- (21) PCT/US02/30676
- (22) **26 Sep/sep 2002 (26.09.2002)**
- (25) en (26) en
- (30) 60/324,887 **26 Sep/sep 2001 US (26.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **INTELLIGENT SERVICE MANAGEMENT SYSTEM**
- **SYSTEME INTELLIGENT DE GESTION DE SERVICES**
- (71) **WISOR TELECOM [US/US]**; Suite 200, 300 Professional Drive, Gaithersburg, MD 20879 (US).
- (74) **ROBERTS, Jon, L. et al. / etc.**; Roberts, Abokhair & Mardula, LLC, Suite 1000, 11800 Sunrise Valley Drive, Reston, VA 20191 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04M 3/00**
- (11) **WO 03/028348** (13) A2
- (21) PCT/DE02/02271
- (22) **24 Jun/juin 2002 (24.06.2002)**
- (25) de (26) de
- (30) 101 46 453.3 **20 Sep/sep 2001 DE (20.09.2001)**
- (30) 102 16 802.4 **15 Apr/avr 2002 DE (15.04.2002)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **METHOD FOR TRANSMITTING INFORMATION IN A TELECOMMUNICATION NETWORK, TELECOMMUNICATION NETWORK, AND OPERATING UNIT IN A TELECOMMUNICATION NETWORK**
- **PROCEDE DE TRANSMISSION D'INFORMATION DANS UN RESEAU DE TELECOMMUNICATION, RESEAU DE TELECOMMUNICATION, ET UNITE DE TRAVAIL DANS UN RESEAU DE TELECOMMUNICATION**
- (71) **IP2H AG [CH/CH]**; Hofweg 11, CH-3013 Bern (CH). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ARNOLD, Jörg [DE/CH]**; Hofweg 11, CH-3013 Bern (CH). **BERGMANN, Ansgar [DE/FR]**; 132A, chemin du Tamaye, 06560 Valbonne (FR). **FRENCK, Gero [DE/DE]**; Bünkamp 42, 48157 Münster (DE). **EIGLER, Karl [DE/DE]**; Oedingen Strasse 15, 53343 Wachtberg (DE). **WITTHAUT, Thomas [DE/DE]**; Basaltstrasse 57, 53227 Bonn (DE).
- (74) **ULLRICH & NAUMANN**; Luisenstrasse 14, 69115 Heidelberg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 CZ 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).
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- (51)<sup>7</sup> **H04M 3/00**
- (11) **WO 03/028349** (13) A2
- (21) PCT/DE02/03457
- (22) **16 Sep/sep 2002 (16.09.2002)**
- (25) de (26) de
- (30) 101 47 151.3 **25 Sep/sep 2001 DE (25.09.2001)**
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **METHOD FOR CONTROLLING POWER CHARACTERISTICS IN PACKET-ORIENTED COMMUNICATION NETWORKS**
- **PROCEDE DE COMMANDE DE CARACTERISTIQUES DE PUISSANCE DANS DES SYSTEMES DE COMMUNICATION ORIENTES PAR 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) **KLAGHOFER, Karl [AT/DE]**; Krüner Strasse 12, 81373 München (DE). **MÜLLER, Heribert [AT/AT]**; Lerchenweg 15, A-3730 Eggenburg (AT). **MÜLLER, Harald [DE/DE]**; Flugrenzstrasse 36, 82205 Gilching (DE). **TOTZKE, Jürgen [DE/DE]**; Blumenstrasse 49, 85586 Poing (DE).



- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) CA CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CA CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)  
(u) for / pour US only / seulement

(51)<sup>7</sup> H04M 3/00

(11) WO 03/028350 (13) A2

(21) PCT/IB02/03958

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 09/957,669 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND SYSTEM TO PRECLUDE CALL LOOP AMONG SERVICES ON A CALL SERVER

• PROCEDE ET SYSTEME PERMETTANT D'EMPECHER LA MISE EN BOUCLE D'APPELS ENTRE DES SERVICES SUR UN SERVEUR D'APPELS

(71) SS8 NETWORKS, INC. [US/US]; 2025 Gateway Place, Suite #318, San Jose, CA 95110 (US).

(72) MELLO, Eber; 53 Clydesdale Avenue, Ottawa, Ontario K2M 2G7 (CA). CINOTTI, Giuseppe; 1533 Monaghan Avenue, Kanata, Ontario K2W 1B4 (CA). STEVEN, Szeto; 12 Lombardo Drive, Kanata, Ontario K2L 4C7 (CA). TU, Do; 53 Thunder Bird Crescent, Kanata, Ontario K2M 2H4 (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M 3/00

(11) WO 03/028351 (13) A2

(21) PCT/IB02/03964

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 09/957,670 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND SYSTEM FOR CONTROLLING SERVICES DURING CALL ESTABLISHMENT

• PROCEDE ET SYSTEME POUR SERVICES DE CONTROLE MIS EN OEUVRE PENDANT L'ETABLISSEMENT D'UN APPEL

(71) SS8 NETWORKS, INC. [US/US]; 2025 Gateway Place, Suite #318, San Jose, CA 95110 (US).

(72) MELLO, Eber; 53 Clydesdale Avenue, Ottawa, Ontario K2M 2G7 (CA). DUSICA, Cugalj; 42 Coolspring Crescent, Ottawa, Ontario K2E 7M8 (CA). STEVEN, Szeto; 12 Lombardo Drive, Kanata, Ontario K2L 4C7 (CA). TU, Do; 53 Thunder Bird Crescent, Kanata, Ontario K2M 2H4 (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 SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M 3/22

(11) WO 03/028352 (13) A1

(21) PCT/FI02/00756

(22) 23 Sep/sep 2002 (23.09.2002)

(25) fi (26) en

(30) 20011873 24 Sep/sep 2001 FI (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MONITORING TERMINALS IN TELECOMMUNICATION SYSTEM  
• SURVEILLANCE DE TERMINAUX DANS UN SYSTEME DE TELECOMMUNICATIONS

(71) YIT PRIMATEL OY [FI/FI]; Panuntie 11, FIN-00620 Helsinki (FI).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIETASALO, Pauli [FI/FI]; Aapatie 22, FIN-70780 Kuopio (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(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 SD SE SG SI SK (Utility model / modèle d'utilité) 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 IE IT LU MC NL PT SE 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 SD SE SG SI 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 IE IT LU MC NL PT 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)<sup>7</sup> H04M 3/42

(11) WO 03/028353 (13) A1

(21) PCT/US02/30067

(22) 24 Sep/sep 2002 (24.09.2002)

(25) en (26) en

(30) 09/961,411 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ON DEMAND CALL RE-TERMINATION  
• REPRISE D'UNE COMMUNICATION A LA DEMANDE

(71) BELL SOUTH INTELLECTUAL PROPERTY CORPORATION [US/US]; 824 Market Street, Suite 510, Wilmington, DE 19801 (US).

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

(72, 75) BEZNER, Robert [US/US]; 208 Highland Square Drive, NE, Atlanta, GA 30306 (US). SCOTT, David, A. [US/US]; 3100 Wyntree Drive, Norcross, GA 30071 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M 3/487, H04Q 7/30

(11) WO 03/028354 (13) A1

(21) PCT/DE01/03715

(22) 26 Sep/sep 2001 (26.09.2001)

(25) de (26) de

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR ADJUSTING AN ACOUSTIC SEQUENCE  
• PROCEDE POUR L'INSERTION D'UNE SEQUENCE ACOUSTIQUE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) BACHMANN, Frank [DE/DE]; Gensinger-Str. 88, 10315 Berlin (DE). BAEKELANDT, Bart [BE/BE]; Tulpenhof 3, B-9090 Melle (BE). HEISS, Herbert

- [DE/DE]; Bussardstr. 32, 82008 Unterhaching (DE). **KOBER, Werner** [DE/DE]; Mangfallstr. 7, 82061 Neuried (DE). **NED-ELEC, Thierry** [DE/DE]; Auf der Gruen 6, 83714 Miesbach (DE). **SEITTER, Norbert** [DE/DE]; Rathausplatz 6, 82008 Unterhaching (DE). **WEINHAPPL, Josef** [AT/AT]; Wichtelgasse 55/26, A-1170 Wien (AT).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI 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 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).
- 
- (51)<sup>7</sup> **H04M 3/54**  
 (11) **WO 03/028355** (13) A1  
 (21) PCT/US01/30032  
 (22) **24 Sep/sep 2001 (24.09.2001)**  
 (25) en (26) en  
 (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • AUTOMATIC ROUTING OF TELEPHONE CALLS USING A CALLER ID NUMBER  
 • ACHEMINEMENT AUTOMATIQUE D'APPELS TELEPHONIQUES AU MOYEN D'UN NUMERO D'IDENTIFICATION D'APPELANT
- (71) **FISH & ASSOCIATES, LLP** [US/US]; 1440 N. Harbor Blvd., Suite 706, Fullerton, CA 92835 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BRONGO, Joseph** [AU/CA]; POPSTAR GLOBAL COMMUNICATIONS, INC., 107 E. 3rd Avenue, Vancouver, British Columbia V5T1C7 (CA). **CHU, Thompson** [CA/CA]; POPSTAR GLOBAL COMMUNICATIONS, INC., 107 E. 3rd Avenue, Vancouver, British Columbia V5T1C7 (CA). **FRASER, J. Mark** [CA/CA]; POPSTAR GLOBAL COMMUNICATIONS, INC., 107 E. 3rd Avenue, Vancouver, British Columbia V5T1C7 (CA). **McDERMOTT, John** [CA/CA]; POPSTAR GLOBAL COMMUNICATIONS, INC., 107 E. 3rd Avenue, Vancouver, British Columbia V5T1C7 (CA). **WONG, Chi Wai** [CA/CA]; POPSTAR GLOBAL COMMUNICATIONS, INC., 107 E. 3rd Avenue, Vancouver, British Columbia V5T1C7 (CA).
- (74) **FISH, Robert**; Rutan & Tucker, LLP, 611 Anton Blvd., 14th Floor, P.O. Box 1950, Costa Mesa, CA 92628-1950 (US).
- (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **H04M 7/00, 3/51**  
 (11) **WO 03/028357** (13) A1  
 (21) PCT/GB02/04367  
 (22) **27 Sep/sep 2002 (27.09.2002)**  
 (25) en (26) en  
 (30) 01308263.1 **27 Sep/sep 2001 EP (27.09.2001)**  
 (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • COMPUTER TELEPHONY INTEGRATION USING EMAIL ADDRESS TO ESTABLISH VOICE CONNECTION
- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) 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 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).
- Published / Publiée : (a)
- 
- (51)<sup>7</sup> **H04M 5/00, 1/64**  
 (11) **WO 03/028356** (13) A1  
 (21) PCT/US02/30694  
 (22) **26 Sep/sep 2002 (26.09.2002)**  
 (25) en (26) en  
 (30) 60/324,956 **26 Sep/sep 2001 US (26.09.2001)**  
 (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • PREDICTIVE DIALING SYSTEM AND METHOD  
 • SYSTEME ET PROCEDE DE NUMEROTATION PREDICTIVE
- (71) **HRJ DEVELOPMENT CORPORATION** [US/US]; 51 Charles Lindbergh Blvd., Uniondale, NY 11553 (US).
- (72) **LEVIN, Mitch**; 18 Eden Road, Lidio Beach, NY 11561 (US). **PATHAK, Amarish, M.**; 37 Clover Lane, Clarksville, DE 19970 (US). **CURRIE, Edward, H.**; 6-57 158th Street, Beechhurst, NY 11357 (US). **PATHAK, Sonal, R.**; 7 Apple Blossom Lane, East Patchogue, NY 11772 (US). **MARKLE, David, E.**; 850 N. Randolph Street, Apt. 1730, Arlington, VA 22230-0001 (US). **KATZ, Brian, H.**; Margolin and Pierce LLP, 1370 Avenue of the Americas, New York, NY 10019 (US).
- (74) **CARMEN, Michael, E.** et al. / etc.; Dilworth & Barrese, LLP, 333 Earle Ovington Boulevard, Uniondale, NY 11553 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **H04N**  
 (11) **WO 03/028358** (13) A2  
 (21) PCT/IL02/00785  
 (22) **24 Sep/sep 2002 (24.09.2002)**  
 (25) en (26) en  
 (30) 60/324,056 **24 Sep/sep 2001 US (24.09.2001)**  
 (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • SYSTEM AND METHOD FOR THE AUTOMATIC CONTROL OF VIDEO FRAME RATE  
 • SYSTEME ET PROCEDE DE COMMANDE AUTOMATIQUE DE FREQUENCE D'IMAGES VIDEO
- (71) **NICE SYSTEMS LTD.** [IL/IL]; 8 Hapnina Street, 43107 Ra'anana (IL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SAFRAN, Isreal** [IL/IL]; 10/172 Tsamarot Street, 46424 Herzelia (IL). **SHAB-TAI, Moti** [IL/IL]; 8 Lachish Street, 48561 Rosh Ha'ayin (IL).
- (74) **AGMON, Jonathan** et al. / etc.; Soroker - Agmon, Advocates & Patent Attorneys, 12th floor, Levnstein Tower, 23 Petach Tikva Road, 66184 Tel Aviv (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Declaration / Déclaration :  
 (t) for all designations / pour toutes les désignations
- 
- (51)<sup>7</sup> **H04N**  
 (11) **WO 03/028359** (13) A2  
 (21) PCT/US02/27973
- COUPLAGE TELEPHONIE-INFORMATIQUE AU MOYEN D'UNE ADRESSE DE COURRIER ELECTRONIQUE POUR L'ETABLISSEMENT D'UNE CONNEXION VOCALE
- (71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London, Greater London EC1A 7AJ (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BROCKBANK, Robert, Grenville** [GB/GB]; 78 Castle Street, Woodbridge, Greater London IP12 1HL (GB).
- (74) **LLOYD, Barry, George, William**; BT Group Legal, Intellectual Property Department, Holborn Centre, 8th Floor, 120 Holborn, LONDON, Greater London EC1N 2TE (GB).
- (81) CA US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-



- (30) 2001-291652 **25 Sep/sep 2001** JP  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DIGITAL CAMERA  
• CAMERA NUMERIQUE
- (71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OEDA, Hideshi [JP/JP]; 25-18-407, Kamiyamatecho, Suita-shi, Osaka 565-0841 (JP). HAMA, Yoshinori [JP/JP]; 6-1-1-2-A-207, Kunimidai, Kizuchō, Soraku-gun, Kyoto 619-0216 (JP).
- (74) NISHIOKA, Nobuyasu; Sumitomoseimei Onishi Bldg. 10F, 1-13, Uchihonmachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0026 (JP).
- (81) CA CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> H04N 5/225
- (11) WO 03/028365 (13) A1
- (21) PCT/JP02/09802
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) ja (26) ja
- (30) 2001-292794 **26 Sep/sep 2001** JP  
(26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • MODE SELECTION APPARATUS AND DIGITAL CAMERA  
• APPAREIL DE SELECTION DE MODE ET CAMERA NUMERIQUE
- (71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ISOYAMA, Tomoya [JP/JP]; 3-141-3, Onji Minamimachi, Yao-shi, Osaka 581-0884 (JP).
- (74) YAMADA, Yoshito; The Tanabe Building, 6-6, Fushimimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0044 (JP).
- (81) CN ID JP KR US.
- (84) EP (DE FR GB).
- 
- (51)<sup>7</sup> H04N 5/232, 5/225, 5/235, 5/238, 5/76, 5/765 // 101:00
- (11) WO 03/028366 (13) A1
- (21) PCT/JP02/09688
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) ja (26) ja
- (30) 2001-286664 **20 Sep/sep 2001** JP  
(20.09.2001)
- (30) 2001-298900 **28 Sep/sep 2001** JP  
(28.09.2001)
- (30) 2001-309116 **4 Oct/oct 2001** JP  
(04.10.2001)
- (30) 2001-309117 **4 Oct/oct 2001** JP  
(04.10.2001)
- (30) 2001-309118 **4 Oct/oct 2001** JP  
(04.10.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • DIGITAL CAMERA, DIGITAL CAMERA SYSTEM, CONTROL APPARATUS, IMAGE ACCUMULATION APPARATUS, INFORMATION COLLECTION APPARATUS, SERVICE PROVIDING APPARATUS, MANAGEMENT APPARATUS  
• CAMERA NUMERIQUE, SYSTEME DE CAMERA NUMERIQUE, APPAREIL DE CONTROLE, APPAREIL DE STOCKAGE D'IMAGES, APPAREIL DE COLLECTE D'INFORMATIONS, APPAREIL DE FOURNITURE DE SERVICES, APPAREIL DE GESTION
- (71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). NIKON TECHNOLOGIES INC. [JP/JP]; 3-25, Futaba 1-chome, Shinagawa-ku, Tokyo 142-0043 @ (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TANAKA, Masahide [JP/JP]; C/O NIKON TECHNOLOGIES INC., 3-25, Futaba 1-chome, Shinagawa-ku, Tokyo 142-0043 @ (JP). OHMURA, Akira [JP/JP]; C/O NIKON TECHNOLOGIES INC., 3-25, Futaba 1-chome, Shinagawa-ku, Tokyo 142-0043 @ (JP).
- (74) NAGAI, Fuyuki; Kazan Building, 3-2-4, Kasumigaseki, 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 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H04N 5/335
- (11) WO 03/028367 (13) A1
- (21) PCT/JP02/08953
- (22) 3 Sep/sep 2002 (03.09.2002)
- (25) ja (26) ja
- (30) 2001-287036 **20 Sep/sep 2001** JP  
(20.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • IMAGING DEVICE AND METHOD FOR REMOVING NOISE  
• DISPOSITIF D'IMAGERIE ET PROCEDE DE SUPPRESSION DU BRUIT
- (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) NAKAJIMA, Ken [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SATO, Nobuyuki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (a)
- 
- (51)<sup>7</sup> H04N 5/445
- (11) WO 03/028368 (13) A1
- (21) PCT/IB02/03696
- (22) 10 Sep/sep 2002 (10.09.2002)
- (25) en (26) en
- (30) 09/963,245 **26 Sep/sep 2001** US  
(26.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • REAL-TIME EVENT RECOMMENDATION SYSTEM AND METHOD FOR MEDIA PROGRAMMING USING PERSONAL SCHEDULE  
• SYSTEME ET PROCEDE DE RECOMMANDATION D'EVENEMENT EN TEMPS REEL DESTINES A LA PROGRAMMATION DE MEDIA A L'AIDE D'UNE PLANIFICATION PERSONNELLE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) SCHAFFER, James, D.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). TROVATO, Karen, I.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KURAPATI, Kaushal; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> H04N 7/10
- (11) WO 03/028369 (13) A1
- (21) PCT/FR02/03259
- (22) 24 Sep/sep 2002 (24.09.2002)
- (25) fr (26) fr
- (30) 01/12533 **25 Sep/sep 2001** FR  
(25.09.2001)
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • TELEVISION DISTRIBUTION SYSTEM AND PROCESSING UNIT USED IN SAID DISTRIBUTION SYSTEM  
• SYTEME DE DISTRIBUTION TV ET UNITE DE TRAITEMENT UTILISEE DANS CE SYSTEME DE DISTRIBUTION
- (71, 72) LEE, Henri [FR/FR]; 1, rue Ferdinand Laurent, F-77580 Villiers sur Morin (FR).
- (74) CAPRI SARKL; 94, avenue Mozart, F-75016 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 7/10

(11) WO 03/028370 (13) A1

(21) PCT/FR02/03260

(22) 24 Sep/sep 2002 (24.09.2002)

(25) fr (26) fr

(30) 01/12533 25 Sep/sep 2001 FR  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AUDIO/VIDEO SIGNAL DISTRIBUTION SYSTEM  
• SYSTEME DE DISTRIBUTION DE SIGNAUX AUDIO/VIDEO

(71, 72) LEE, Henri [FR/FR]; 1, rue Ferdinand  
Laurent, F-77580 Villiers sur Morin (FR).

(74) CAPRI SARL; 94, avenue Mozart, F-75016  
Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 7/14

(11) WO 03/028371 (13) A1

(21) PCT/US02/21193

(22) 3 Jul/juil 2002 (03.07.2002)

(25) en (26) en

(30) 09/964,285 26 Sep/sep 2001 US  
(26.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CAMERA POSITIONING SYSTEM  
AND METHOD FOR EYE-TO-EYE  
COMMUNICATION  
• SYSTEME DE POSITIONNEMENT DE  
CAMERA ET PROCEDE DE COMMU-  
NICATION AVEC CONTACT OCU-  
LAIRE

(71) DIGEO, INC. [US/US]; 8815 122nd Avenue  
NE, Kirkland, WA 98033 (US).

(72) BOYDEN, James; 13802 SE Newport Way,  
Bellevue, WA 98006 (US). MEIBOS, David;  
2536 Cobblestone Way, Sandy, UT 84093  
(US). HARDMAN, Thomas; 2606 E. Sani-  
bel Cove, Salt Lake City, UT 84121 (US).

(74) CHRISTENSEN, Kory; Stoel Rives LLP,  
201 S. Main Street, Suite 1100, Salt Lake City,  
UT 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 7/14, 5/232, 5/225, A47G 1/17

(11) WO 03/028372 (13) A1

(21) PCT/US02/21516

(22) 9 Jul/juil 2002 (09.07.2002)

(25) en (26) en

(30) 09/966,334 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CAMERA POSITIONING SYSTEM  
AND METHOD FOR EYE-TO-EYE  
COMMUNICATION  
• SYSTEME DE POSITIONNEMENT  
D'UNE CAMERA ET PROCEDE DE  
COMMUNICATION AVEC ECHANGE  
DE REGARDS

(71) DIGEO, INC. [US/US]; 8815 122nd Avenue  
NE, Kirkland, WA 98003 (US).

(72) BOYDEN, James; 13802 SE Newport Way,  
Bellevue, WA 98006 (US). CHRISTENSEN,  
Kory; 757 East 1000 South, Kaysville, UT  
84037 (US). MEIBOS, David; 2536 Cobble-  
stone Way, Sandy, UT 84093 (US). HARD-  
MAN, Thomas; 201 East South Temple, Apt.  
#407, Salt Lake City, UT 84111 (US).

(74) CHRISTENSEN, Kory; Stoel Rives LLP,  
One Utah Center, 201 So. Main Street, Suite  
1100, Salt Lake City, UT 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI 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 IE IT LU MC NL  
PT SE SK TR); OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 7/173

(11) WO 03/028373 (13) A1

(21) PCT/US02/13466

(22) 30 Apr/avr 2002 (30.04.2002)

(25) en (26) en

(30) 09/967,730 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEMS AND DEVICES FOR VIDEO  
AND AUDIO CAPTURE AND COM-  
MUNICATION DURING TELEVISION  
BROADCASTS

• SYSTEMES ET DISPOSITIFS DE SAI-  
SIE VIDEO ET AUDIO ET DE COMMU-  
NICATIONS AU COURS DE TRANS-  
MISSIONS TELEVISEES

(71) DIEGO, INC. [US/US]; 8815 122nd Avenue  
N.E., Kirkland, WA 98033 (US).

(72) ALLEN, Paul, G.; 6451 W. Mercer Way,  
Mercer Island, WA 98040 (US).

(74) CHRISTENSEN, Kory, D. et al. / etc.; Stoel  
Rives LLP, One Utah Center, Suite 1100, 201  
South Main Street, Salt Lake City, UT 84111  
(US).

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

(51)<sup>7</sup> H04N 7/173

(11) WO 03/028374 (13) A1

(21) PCT/US02/30524

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 60/325,008 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYNCHRONIZATION OF MULTIPLE  
CABLE MODEM TERMINATION SYS-  
TEMS

• SYNCHRONISATION DE SYSTEMES  
DE TERMINAISON DE MODEM  
CABLE MULTIPLES

(71) BROADCOM CORPORATION [US/US];  
16215 Alton Parkway, Irvine, CA  
92618-3616 (US).

(72) DWORKIN, David, R.; 310 Bristol Stone  
Lane, Alpharetta, GA 30005 (US). BUR-  
RELL, Paul, E.; 3638 Rogers Cove, Duluth,  
GA 30096 (US).

(74) SOKOHL, Robert; Sterne, Kessler, Gold-  
stein & Fox P.L.L.C., 1100 New York  
Avenue, N.W., Suite 600, Washington, DC  
20005-3934 (US) et al. / etc.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> H04N 7/18

(11) WO 03/028375 (13) A1

(21) PCT/KR02/01020

(22) 29 May/mai 2002 (29.05.2002)

(25) en (26) en

(30) 2001/59985 27 Sep/sep 2001 KR  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • REMOTE-CONTROL ENTRANCE  
DOOR SYSTEM AND METHOD

- SYSTEME ET PROCEDE DE TELE-COMMANDE DE PORTE D'ENTREE
- (71) **MOBILETALK CO., LTD.** [KR/KR]; 311, Namsan Bldg., 34-5 Namsan-dong 3-ga, Joong-gu, Seoul 100-043 (KR). **INSTITUTE OF INFORMATION TECHNOLOGY ASSESSMENT** [KR/KR]; P.O. Box 76, Yuseong-gu, Daejeon 305-600 (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HONG, Seung-Woo** [KR/KR]; 311, Namsan Bldg., 34-5 Namsan-dong 3-ga, Joong-gu, Seoul 100-043 (KR).
- (74) **JUNG, Sesung**; 506, HubaHuba Bldg., 648, Yoksam-dong, Gangnam-gu, Seoul 135-911 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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).
- 
- (51)<sup>7</sup> H04N 7/18, G08B 13/196
- (11) **WO 03/028376** (13) A1
- (21) PCT/SG01/00187
- (22) **14 Sep/sep 2001 (14.09.2001)**
- (25) en (26) en
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **CUSTOMER SERVICE COUNTER/CHECKPOINT REGISTRATION SYSTEM WITH VIDEO/IMAGE CAPTURING, INDEXING, RETRIEVING AND BLACK LIST MATCHING FUNCTION**
- SYSTEME D'ENREGISTREMENT DE POINT DE CONTROLE/COMPTOIR DE SERVICE CLIENT AVEC CAPTURE, INDEXATION ET RECHERCHE D'IMAGE/VIDEO ET FONCTION DE CORRESPONDANCE AVEC UNE LISTE NOIRE
- (71) **KENT RIDGE DIGITAL LABS** [SG/SG]; 21 Heng Mui Keng Terrace, Singapore 119613 (SG).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GUO, Chun, Biao** [SG/SG]; Blk 216, #04-509, Jurong East Street 21, Singapore 600216 (SG). **ZHOU, Ruowei** [SG/SG]; Blk 909, #11-243, Jurong West St. 91, Singapore 640909 (SG). **TIAN, Qi** [SG/SG]; Blk 51, Teban Gardens Rd., #12-569, Singapore 600051 (SG).
- (74) **GREENE-KELLY, James, Patrick**; Lloyd Wise, Tanjong Pagar, P.O. Box 636, Singapore 910816 (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 EE ES FI GB GD GE GH GM HR HU ID 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA 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 GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> H04N 7/24, 5/00, 9/804
- (11) **WO 03/028378** (13) A1
- (21) PCT/DE02/02571
- (22) **10 Jul/juil 2002 (10.07.2002)**
- (25) de (26) de
- (30) 101 46 036.8 **18 Sep/sep 2001 (18.09.2001)** DE
- 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 SI
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **METHOD FOR CONVERTING A VIDEO AND/OR AUDIO DATA FLOW**
- PROCEDE DE CONVERSION D'UN FLUX DE DONNEES VIDEO ET/OU AUDIO
- (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) **ROMANOWSKI, Alexander** [DE/DE]; Schildweg 11, 31139 Hildesheim (DE). **LIENTZ, Stephan** [DE/DE]; Lucas-Cranach-Weg 7, 31162 Bad Salzdetfurth (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- 
- (51)<sup>7</sup> H04N 7/24
- (11) **WO 03/028379** (13) A1
- (21) PCT/US02/10021
- (22) **1 Apr/avr 2002 (01.04.2002)**
- (25) en (26) en
- (30) 60/324,096 **24 Sep/sep 2001 (24.09.2001)** US
- (30) 10/011,900 **3 Dec/déc 2001 (03.12.2001)** US
- (43) 3 Apr/avr 2003 (03.04.2003)
- (54) • **MAPPING SYSTEM FOR TRANSMISSION AND RECEPTION OF MULTIPLE DATA TYPES**
- SYSTEME DE MAPPAGE UTILE POUR L'EMISSION ET LA RECEPTION DE PLUSIEURS TYPES DE DONNEES
- (71) **ZENITH ELECTRONICS CORPORATION** [US/US]; 2000 Millbrook Drive, Lincolnshire, IL 60069 (US).
- (72) **FIMOFF, Mark**; 1020 Concord Lane, Hoffman Estates, IL 60195 (US).
- (74) **JOIKE, Trevor, B.**; Schiff, Hardin & Waite, 6600 Sears Tower, 233 S. Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 :  
(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 SI

SK SL TJ TM TN TR TT TZ UA UG 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 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)

(51)<sup>7</sup> H04N 7/26, 7/24, 7/58

(11) WO 03/028380 (13) A1

(21) PCT/JP02/09565

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 09/961,987 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR GENERATING A SCALABLE ENCODED VIDEO BITSTREAM WITH CONSTANT QUALITY

• PROCEDE DE GENERATION D'UN TRAIN BINAIRE VIDEO CODE MODULABLE DE QUALITE CONSTANTE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(72) ZHANG, Ximin; 739 Harrison Ave. #4, Harrison, NJ 07029 (US). VETRO, Anthony; 113 Regis Drive, Staten Island, NY 10314 (US). SHI, Yun-Qing; 28 Parkview Drive, Millburn, NJ 07041 (US). SUN, Huifang; 61 Kinglet Drive South, Cranbury, NJ 08572 (US).

(74) SOGA, Michiharu et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declaration / Déclaration :

(i) for all designations / pour toutes les designations

(51)<sup>7</sup> H04N 7/26

(11) WO 03/028381 (13) A2

(21) PCT/US02/29091

(22) 13 Sep/sep 2002 (13.09.2002)

(25) en (26) en

(30) 09/962,286 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR DELIVERING TRANSPORT STREAM DATA

• PROCEDE DE TRANSMISSION DE DONNEES DE FLUX DE TRANSPORT

(71) INTEL CORPORATION [US/US]; 2200 Mission College Blvd., Santa Clara, CA 95052 (US).

(72) JUTZI, Curtis; 3220 SW Upper Drive, Lake Oswego, OR 97035 (US).

(74) MALLIE, Michael, J.; Blakely Sokoloff Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 7/26

(11) WO 03/028382 (13) A2

(21) PCT/US02/30624

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 09/965,491 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • VIDEO CAPTURE DEVICE AND METHOD OF SENDING HIGH QUALITY VIDEO OVER A LOW DATA RATE LINK

• DISPOSITIF DE CAPTURE VIDEO ET PROCEDE D'EMISSION VIDEO DE QUALITE ELEVEE SUR UNE LIAISON A DEBIT BINAIRE LENT

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) LIPPINCOTT, Louis; 7917 South Dateland Drive, Tempe, AZ 85284 (US).

(74) STEFFEY, Charles, E. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 7/36, 7/26

(11) WO 03/028383 (13) A1

(21) PCT/IB02/03661

(22) 6 Sep/sep 2002 (06.09.2002)

(25) en (26) en

(30) 09/961,991 24 Sep/sep 2001 US  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • VISEME BASED VIDEO CODING

• CODAGE VIDEO A BASE DE VISEMES

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

(72) CHALLAPALI, Kiran, S.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) LANDOUSY, Christian; Internationaal Octroobureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H04N 7/44

(11) WO 03/028384 (13) A1

(21) PCT/US02/18668

(22) 12 Jun/juin 2002 (12.06.2002)

(25) en (26) en

(30) 09/967,069 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TWO WAY COMMUNICATION USING LIGHT LINKS

• COMMUNICATION BIDIRECTIONNELLE UTILISANT DES LIAISONS LUMINEUSES

(71) UNIVERSAL ELECTRONICS INC. [US/US]; 6101 Gateway Drive, Cypress, CA 90630-4841 (US).

(72) DRESTI, Mauro; 917 South Easthills, West Covina, CA 91719 (US). HAYES, Patrick, H.; 22981 Arija, Mission Viejo, CA 92691 (US). YUN, Youping, (Edward); 1006 S. Ynez Avenue, Monterey Park, CA 91754 (US).

(74) JAROSIK, Gary, R. et al. / etc.; Altheimer & Gray, 10 S. Wacker Drive, Suite 4000, Chicago, IL 60606 (US).

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

(51)<sup>7</sup> H04N 7/52

(11) WO 03/028385 (13) A1

(21) PCT/IB02/03898

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 09/963,260 25 Sep/sep 2001 US  
(25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • RECORDING AND RE-INSERTION OF TELETEXT DATA

• ENREGISTREMENT ET REINSERTION DE DONNEES DE TELETEXTE

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

(72) CUIJPERS, Maurice, J., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN EE, Jan; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Internationaal Octroobureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)<sup>7</sup> H04Q

(11) WO 03/028386 (13) A2

(21) PCT/US02/30691

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 60/325,094 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • WIRELESS MOBILE IMAGE MESSAGING

• MESSAGERIE MOBILE SANS FIL CONTENANT DES IMAGES

(71) WILDSEED, LTD. [US/US]; 550 Kirkland Way, First Floor, Kirkland, WA 98033 (US).

(72) GRAHAM, Tyrol, R.; 3514 E.Columbia, Seattle, WA 98122 (US). HULL, Eric, J.; 6517 12th Avenue, NW, Seattle, WA 98117 (US). NELSON, Jonathan, O.; 9907 NE 124th St., #808, Kirkland, WA 98034 (US).

(74) AUYEUNG, Aloysius, T., C. et al. / etc.; Schwabe, Williamson & Wyatt, P.C., 10260 SW Greenburg Road, Suite 820, Portland, OR 97223 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04Q 1/00

(11) WO 03/028387 (13) A2

(21) PCT/EP02/10225

(22) 12 Sep/sep 2002 (12.09.2002)

(25) de (26) de

(30) 201 15 582.6 21 Sep/sep 2001 DE (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CONNECTOR MODULE

• MODULE CONNECTEUR

(71) CCS TECHNOLOGY, INC. [US/US]; 103 Foulk Road, Wilmington, DE 19803 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) IWANEK, Waldemar [DE/DE]; Rastemberger Strasse 34, 44369 Dortmund (DE).

(74) STURM, Christoph; Unter den Eichen 7, 65195 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q 7/00

(11) WO 03/028388 (13) A2

(21) PCT/SE02/01774

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/324,947 27 Sep/sep 2001 US (27.09.2001)

(30) 10/231,239 30 Aug/août 2002 US (30.08.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • TOTAL RADIO NETWORK SOLUTION FOR GSM/EDGE

• SOLUTION DE RESEAU RADIO TOTAL POUR GSM/EDGE

(71) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) [SE/SE]; S-126 25 Stockholm (SE).

(72) FURUSKÄR, Anders; Ångströmögatan 5, S-112 69 Stockholm (SE). CRAIG, Stephen, G.; Kvarngatan 2, 3 tr, S-118 47 Stockholm (SE). DE BRUIN, Peter; Persvägen 14, S-954 31 Gammelstad (SE).

(74) MALIN GULLSTRAND; Ericsson AB, Patent Unit Research, S-164 80 Stockholm (SE).

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

(51)<sup>7</sup> H04Q 7/20

(11) WO 03/028389 (13) A1

(21) PCT/US02/14387

(22) 8 May/mai 2002 (08.05.2002)

(25) en (26) en

(30) 09/962,437 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD TO FACILITATE WIRELESS WIDE AREA COMMUNICATION IN A WELDING ENVIRONMENT

• SYSTEME ET PROCEDE DESTINE A FACILITER LA COMMUNICATION SANS FIL SUR UNE ZONE ETENDUE DANS UN ENVIRONNEMENT DE SOUDAGE

(71) LINCOLN GLOBAL, INC. [US/US]; 1200 Monterey Pass Road, Monterey Park, CA 44024 (US).

(72) CLARK, Keith; 9901 Juniper Court, Concord, OH 44060 (US). HSU, Christopher; 8510 Mansion Boulevard, Mentor, OH 44060 (US). BLANKENSHIP, George Daryl; 12221 Bradford Drive, Chardon, OH 44024 (US).

(74) AMIN, Himanshu, S. et al. / etc.; Amin & Turocy, LLP, 1900 E. 9th Street, 24th Floor, National City Center, Cleveland, OH 44114 (US).

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

(51)<sup>7</sup> H04Q 7/20, H04B 7/185, H04M 3/42

(11) WO 03/028390 (13) A1

(21) PCT/US02/29816

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 09/962,426 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • NETWORK AND METHOD FOR MONITORING LOCATION CAPABILITIES OF A MOBILE STATION

• RESEAU ET PROCEDE DE SURVEILLANCE DES CAPACITES DE LOCALISATION D'UNE STATION MOBILE

(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) BENES, Stanley, J.; 2444 N. Sheffield, Round Lake Beach, IL 60073 (US). DECLERCK, William, P.; 644 Longview, Palatine, IL 60067 (US). GUTOWSKI, Gerald, J.; 510 N. Easy Street, Palatine, IL 60067 (US). DOWNING, Lawrence; 1555 Brittany Lane, Hoffman Estates, IL 60195 (US).

(74) WATANABE, Hisashi, David et al. / etc.; 600 North US Highway 45, AN475, Libertyville, IL 60048 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q 7/22, H04L 12/58

(11) WO 03/028391 (13) A1

(21) PCT/DE02/03559

(22) 23 Sep/sep 2002 (23.09.2002)

(25) de (26) de

(30) 101 46 878.4 24 Sep/sep 2001 DE (24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR STORING SHORT DATA  
• PROCEDE DE MEMORISATION D'INFORMATIONS BREVES

(71) T-MOBILE DEUTSCHLAND GMBH [DE/DE]; Landgrabenweg 151, 53227 Bonn (DE).

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(72, 75) KRAMARZ-VON KOHOUT, Gerhard [DE/DE]; Reuterstr. 131, 53113 Bonn (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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 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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04Q 7/22, 7/38, 7/16

(11) WO 03/028392 (13) A1

(21) PCT/EP01/10913

(22) 20 Sep/sep 2001 (20.09.2001)

(25) en (26) en

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND NETWORK ELEMENT FOR PROVIDING LOCATION SERVICES USING PREDETERMINED PORTIONS OF A BROADCAST SIGNAL

• PROCEDE ET ELEMENT RESEAU DESTINES A FOURNIR DES SERVICES DE LOCALISATION AU MOYEN DE PARTIES PREDETERMINEES D'UN SIGNAL DE RADIO-DIFFUSION

(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) NIEMENMAA, Jarko [FI/FI]; Kalasääksentie 3 A 9, FIN-02620 Espoo (FI).

(74) EISENFÜHR, SPEISER & PARTNER; Arnulfstr. 25, 80335 Munich (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 PH PL PT RO RU SD SE SG SI 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 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).

(51)<sup>7</sup> H04Q 7/32

(11) WO 03/028393 (13) A1

(21) PCT/CN02/00619

(22) 5 Sep/sep 2002 (05.09.2002)

(25) zh (26) zh

(30) 01135381.3 25 Sep/sep 2001 CN (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR CONTROLLING THE COMMUNICATE FUNCTION OF THE MOBILE TELEPHONE AND SAID MOBILE TELEPHONE

• PROCEDE DE COMMANDE DE LA FONCTION DE COMMUNICATION D'UN TELEPHONE MOBILE ET TELEPHONE MOBILE

(71) HUAWEI TECHNOLOGIES CO., LTD. [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).

(72) LI, Changzhu; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).

(74) KANGXIN & PARTNERS; Suite 2313, Xinlong Mansion, A33 Erlonglu, Xicheng District, Beijing 100032 (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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q 7/34

(11) WO 03/028394 (13) A1

(21) PCT/IT02/00614

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) TO2001A000924 28 Sep/sep 2001 IT (28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD FOR EMULATING MOBILE NETWORKS AND RELATED DEVICE

• SYSTEME ET PROCEDE PERMETTANT D'EMULER DES RESEAUX MOBILES ET DISPOSITIF ASSOCIE

(71) TELECOM ITALIA LAB S.P.A. [IT/IT]; Via Reiss Romoli, 274, I-10148 Torino (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARBERIS, Sergio [IT/IT]; Telecom Italia Lab S.p.A., Via Reiss Romoli, 274, I-10148 Torino (IT). BERNASCONI, Valerio [IT/IT]; Telecom Italia Lab S.p.A., Via Reiss Romoli, 274, I-10148 Torino (IT). BESSONE, Danilo [IT/IT]; Telecom Italia Lab S.p.A., Via Reiss Romoli, 274, I-10148 Torino (IT). BIZZARRI, Simone [IT/IT]; Telecom Italia Lab S.p.A., Via Reiss Romoli, 274, I-10148 Torino (IT). FERRATO, Marco [IT/IT]; Telecom Italia Lab S.p.A., Via Reiss Romoli, 274, I-10148 Torino (IT). FRANCESCHINI, Daniele [IT/IT]; Telecom Italia Lab S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT). MAGNANI, Nicola [IT/IT]; Telecom Italia Lab S.p.A., Via Reiss Romoli, 274, I-10148 Torino (IT). NICASTRO, Andrea [IT/IT]; Telecom Italia Lab S.p.A., Via Reiss Romoli, 274, I-10148 Torino (IT).

(74) MASIOPINTO, Gian, Giuseppe; Telecom Italia Lab S.p.A., Via Reiss Romoli, 274, I-10148 Torino (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 SD SE SG SI 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 IE IT LU MC NL PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT LU MC NL PT 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)<sup>7</sup> H04Q 7/36, H04B 1/38, H04Q 7/32

(11) WO 03/028395 (13) A1

(21) PCT/GB02/04356

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 0123273.5 27 Sep/sep 2001 GB  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MULTIBAND AND MULTIPROTOCOL MOBILE COMMUNICATION

• SYSTEMES DE COMMUNICATION MOBILES MULTIBANDES ET MULTI-PROTOCOLES

(71) INQUAM (UK) LIMITED [GB/GB]; Parnell House, 25 Wilton Road, London SW1V 1LW (GB).

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

(72, 75) POPE, John [US/US]; Flat 11, 25 Queens Gate, London SW7 5JE (GB).

(74) COZENS, Paul, Dennis, et al. / etc.; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).

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

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(51)<sup>7</sup> H04Q 7/36, H04B 7/08

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(21) PCT/US02/30901

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/967,568 28 Sep/sep 2001 US  
(28.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • A SYSTEM AND RELATED METHODS FOR BEAMFORMING IN A MULTI-POINT COMMUNICATIONS ENVIRONMENT

• SYSTEME ET PROCEDES PERMETTANT DE FORMER UN FAISCEAU DANS UN ENVIRONNEMENT DE COMMUNICATIONS MULTIPONT

(71) ARRAYCOMM, INC. [US/US]; Suite 200, 2480 North First Street, San Jose, CA 95131 (US).

(72) KASAPI, Athanasios, A.; 651 Castro Street, San Francisco, CA 94114 (US). ZHAN, Jun; 801 King Street West Apt. 1111, Toronto, Ontario M5V 3C9 (CA). LIU, Jason; 801 King Street West Apt. 813, Toronto, Ontario M5V 3C9 (CA).

(74) CALDWELL, Gregory, D. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Blvd., Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H04Q 7/38

(11) WO 03/028397 (13) A1

(21) PCT/FR02/03084

(22) 11 Sep/sep 2002 (11.09.2002)

(25) fr (26) fr

(30) 01 12345 24 Sep/sep 2001 FR  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR MULTI-NETWORK DATA TRANSMISSION

• PROCEDE DE TRANSMISSION DE DONNEES MULTI-RESEAUX

(71) SAGEM SA [FR/FR]; 27, rue Leblanc, F-75015 Paris (FR).

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(72, 75) CHARBONNIER, Philippe [FR/FR]; 1, rue de Bellevue, F-78600 Le-Mesnil-le-Roi (FR).

(74) MAILLET, Alain; Cabinet Le Guen & Maillet, 5, place Newquay, F-35802 Dinard Cedex (FR).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H04Q 7/38

(11) WO 03/028398 (13) A1

(21) PCT/FR02/03142

(22) 16 Sep/sep 2002 (16.09.2002)

(25) fr (26) fr

(30) 01/12288 24 Sep/sep 2001 FR  
(24.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD FOR LOCATING A MOBILE TERMINAL

• SYSTEME ET PROCEDE DE LOCALISATION D'UN TERMINAL MOBILE

(71) ORANGE FRANCE [FR/FR]; 41-45, boulevard Romain Rolland, F-92120 Montrouge (FR).

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

(72, 75) SAHNOUN, Rym [FR/FR]; 15, rue Gabriel Péri, F-92320 Chatillon (FR).

(74) LEMOYNE, Didier; France Telecom R & D / VAT / PI, 38-40, rue du Général Leclerc, F-92794 Issy Moulineaux Cedex 9 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> H04Q 7/38, H04B 1/707

(11) WO 03/028399 (13) A1

(21) PCT/JP02/09784

(22) 24 Sep/sep 2002 (24.09.2002)

(25) ja (26) ja

(30) 2001-295176 26 Sep/sep 2001 JP  
(26.09.2001)

(30) 2002-143192 17 May/mai 2002 JP  
(17.05.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CELL SEARCH METHOD AND COMMUNICATION TERMINAL APPARATUS

• PROCEDE DE RECHERCHE DE CELLULES ET TERMINAL DE COMMUNICATION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

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(72, 75) TAKAHASHI, Hideyuki [JP/JP]; 1-30-16-202, Nobi, Yokosuka-shi, Kanagawa 239-0841 (JP). KITAGAWA, Keiichi [JP/JP]; 2-3-4-104, Nobi, Yokosuka-shi, Kanagawa 239-0841 (JP). HAGA, Hiroki [JP/JP]; 1-8-4-201, Nobi, Yokosuka-shi, Kanagawa 239-0841 (JP). HAYASHI, Masaki [JP/JP]; 6-2-505, Hikari no Oka, Yokosuka-shi, Kanagawa 239-0847 (JP). HIRAMATSU, Katsuhiko [JP/JP]; 2-56-14-1212, Kinugasasakae-cho, Yokosuka-shi, Kanagawa 238-0031 (JP).

(74) WASHIDA, Kimihito; 5th Floor, Shintoshicenter 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 NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE 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) 09/965,079 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • HANDOFF METHOD AND APPARATUS WITH DUAL PILOTS IN A COMMUNICATION SYSTEM

• PROCEDE ET APPAREIL DE TRANSFERT INTERCELLULAIRE A DOUBLE ONDE PILOTE DANS UN SYSTEME DE COMMUNICATION

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) SOLIMAN, Samir, S.; 11412 Cypress Canyon Park Drive, San Diego, CA 92131 (US).

(74) WADSWORTH, Philip, R. et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q 7/38, H04B 7/26

(11) WO 03/028401 (13) A1

(21) PCT/US02/31119

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 60/325,702 27 Sep/sep 2001 US (27.09.2001)

(30) 60/383,250 23 May/mai 2002 US (23.05.2002)

(30) 10/226,455 23 Aug/août 2002 US (23.08.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SYSTEM AND METHOD FOR SENDING A SUPPLEMENTAL CHANNEL REQUEST MESSAGE IN A WIRELESS COMMUNICATION DEVICE

• SYSTEME ET PROCEDE D'ENVOI D'UN MESSAGE DE DEMANDE DE VOIE SUPPLEMENTAIRE DANS UN DISPOSITIF DE COMMUNICATION SANS FIL

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) ACHOUR, Baaziz; 4215 Camino Sandoval, San Diego, CA 92130 (US). KHARE, Arjun; 10954 West Ocean Air Drive #299, San Diego, CA 92130 (US). MUDIGONDA, Ravishanker; 6617 Rancho Del Acacia Way, San Diego, CA 92130 (US). YOON, Steven; 5441 Panoramic Lane, San Diego, CA 92121 (US).

(74) WADSWORTH, Philip, R. et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H04Q 9/00

(11) WO 03/028402 (13) A1

(21) PCT/JP02/09896

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(25) ja (26) ja

(30) 2001-293798 26 Sep/sep 2001 JP (26.09.2001)

(30) 2001-363202 28 Nov/nov 2001 JP (28.11.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • CONTROLLABLE DEVICE AND CONTROLLABLE METHOD

• DISPOSITIF ET PROCEDE DE CONTROLE

(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) ICHIKAWA, Kei [JP/JP]; 14-21-408, Higashichujo-cho, Ibaraki-shi, Osaka 567-0885 (JP). ISOE, Satoshi [JP/JP]; 4-9-11-205, Shimokosaka, Higashiosaka-shi, Osaka 577-0803 (JP). OHNISHI, Yasuhito [JP/JP]; 3-9-11, Fujigaoka, Sanda-shi, Hyogo 669-1547 (JP). MAEDA, Keigo [JP/JP]; 64-34, Shimogomomatsunoki-cho, Sakyo-ku, Kyoto-shi, Kyoto 606-0816 (JP). KUNIHARA, Tadashi [JP/JP]; 2-64-2, Mozumekita-cho, Sakai-shi, Osaka 591-8031 (JP).

(74) MATSUDA, Masamichi; Shin-osaka Ikuhama Bldg., 1-3, Miyahara 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (JP).

(81) JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)<sup>7</sup> H04Q 11/00

(11) WO 03/028403 (13) A2

(21) PCT/CA02/01461

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 09/965,269 27 Sep/sep 2001 US (27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ALL-OPTICAL SWITCHING SITES FOR AN AGILE OPTICAL NETWORK

• SITES DE COMMUTATION TOUT OPTIQUE POUR UN RESEAU OPTIQUE SOUPLE

(71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Québec H4S 2A9 (CA).

(72) PARK, David, W.; 198 Walden Drive, Kanata, Ontario K2K 2K7 (CA). VAILLEUX, Marc, M.; 561 Ave. Mansfield, Ottawa, Ontario K2A 2T1 (CA). AGNEW, Martin; 7 Longcroft, Stansted, Mountfitchet, Essex CM24 8JD (GB). BAKER, Nigel; 30 Ashworth Place, Harlow, Essex CM17 9PU (GB). BERG, Loren, S.; Box 1045, 144 Hamilton Street, Richmond, Ontario K0A 2Z0 (CA).

(74) OGILVY RENAULT; 1981 McGill College Avenue, Suite 1600, Montreal, Québec H3A 2Y3 (CA).

(81) CA JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H04R 1/28, 9/10, H04M 1/02, 1/03

(11) WO 03/028404 (13) A1

(21) PCT/JP02/09926

(22) 26 Sep/sep 2002 (26.09.2002)

(25) ja (26) ja

(30) 2001/293804 26 Sep/sep 2001 JP (26.09.2001)

(30) 2001/354499 20 Nov/nov 2001 JP (20.11.2001)

(30) 2002/43022 20 Feb/fév 2002 JP (20.02.2002)

(30) 2002/191900 1 Jul/juil 2002 JP (01.07.2002)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • SPEAKER, SPEAKER MODULE, AND ELECTRONIC EQUIPMENT USING THE SPEAKER MODULE

• HAUT-PARLEUR, MODULE DE HAUT-PARLEUR, ET EQUIPEMENT ELECTRONIQUE UTILISANT LE MODULE DE 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) KONISHI, Shuhei [JP/JP]; 2-6-23, Aoyama-cho, Yao-shi, Osaka 581-0018 (JP). ANDO, Kimihiro [JP/JP]; 1710-42, Takachayakomori-cho, Tsu-shi, Mie 514-0817 (JP).

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H04R 3/04

(11) WO 03/028405 (13) A1

(21) PCT/DE01/03653

(22) 21 Sep/sep 2001 (21.09.2001)

(25) de (26) de

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND DEVICE FOR CONTROLLING THE BASS REPRODUCTION OF AUDIO SIGNALS IN ELECTROACOUSTIC TRANSDUCERS

- PROCEDE ET DISPOSITIF DE COMMANDE DE LA RESTITUTION DES BASSES DE SIGNAUX AUDIO DANS DES TRANSDUCTEURS ELECTROACOUSTIQUES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) AUBAUER, Roland [AT/DE]; Mussumer Kirchweg 174, 46395 Bocholt (DE). KLINKE, Stefano, Ambrosius [DE/DE]; Hans-Vilz-Weg 23, 40489 Düsseldorf (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AU BR CA CN HU JP KR PL RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)<sup>7</sup> H04R 31/00

(11) WO 03/028406 (13) A2

(21) PCT/US02/27609

(22) 30 Aug/août 2002 (30.08.2002)

(25) en (26) en

(30) 09/962,503 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR DETERMINING A NONLINEAR RESPONSE FUNCTION FOR A LOUD-SPEAKER

- PROCEDE ET APPAREIL PERMETTANT DE DETERMINER LA FONCTION REPOSE NON LINEAIRE D'UN HAUT-PARLEUR

(71) INTEL CORPORATION [US/US]; 2200 Mission College Blvd., Santa Clara, CA 95052 (US).

(72) GRINIASTY, Meir; 9/11 Epstein, 62962 Tel Aviv (IL).

(74) STEFFEY, Charles, E.; Schwegman, Lundberg, Woessner &amp; Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US) et al. / etc.

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

(51)<sup>7</sup> H04S

(11) WO 03/028407 (13) A2

(21) PCT/IB02/03930

(22) 23 Sep/sep 2002 (23.09.2002)

(25) en (26) en

(30) 60/325,112 25 Sep/sep 2001 US (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD AND APPARATUS FOR MULTICHANNEL LOGIC MATRIX DECODING

- PROCEDE ET APPAREIL DE DECODAGE MATRICIEL LOGIQUE DE CANAUX MULTIPLES

(71, 72) DRESSLER, Roger, W. [US/US]; 1389 Fountain Springs Circle, Danville, CA 94526 (US). GUNDRY, Kenneth, J. [GB/US]; 1656 Sanchez Street, San Francisco, CA 94131 (US).

(74) GALLAGHER, Thomas, A. et al. / etc.; Gallagher &amp; Lathrop, Suite 1111, 601 California Street, San Francisco, CA 94108-2805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H05B 3/34, A41D 13/00

(11) WO 03/028408 (13) A1

(21) PCT/CN02/00658

(22) 16 Sep/sep 2002 (16.09.2002)

(25) zh (26) zh

(30) 01126775.5 17 Sep/sep 2001 CN (17.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • AN ELECTRICALLY HEATED GARMENT OR COLLAR FOR CORYZA PREVENTION AND CURE

- VETEMENT OU COL CHAUFFE ELECTRIQUEMENT A USAGE PREVENTIF ET THERAPEUTIQUE CONTRE LE CORYZA

(71, 72) ZHANG, Pingping [CN/CN]; Meiyue Group, Nan Xun Fangzhanggang Town, Huzhou City, Zhejiang (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 BY BZ CA CH CN CO CR CU CZ DE DK DM

DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE 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 désignations**(t) for all designations / pour toutes les désignations**(u) for / pour US only / seulement*(51)<sup>7</sup> H05B 3/60, A01G 13/06, B01D 1/00, F22B 29/06, A61M 15/00, 16/00

(11) WO 03/028409 (13) A1

(21) PCT/US02/28703

(22) 10 Sep/sep 2002 (10.09.2002)

(25) en (26) en

(30) 09/957,026 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • FLUID VAPORIZING DEVICE HAVING CONTROLLED TEMPERATURE PROFILE HEATER/CAPILLARY TUBE

- DISPOSITIF DE VAPORISATION FLUIDIQUE COMPRENANT UN ELEMENT CHAUFFANT/TUBE CAPILLAIRE A PROFIL THERMIQUE CONTROLE

(71) CHRYSALIS TECHNOLOGIES INCORPORATED [US/US]; 7801 Whitepine Road, Richmond, VA 23237 (US).

(72) NICHOLS, Walter, A.; 9608 Summercliff Court, Chesterfield, VA 23832 (US). COX, Kenneth, A.; 12506 Misty Lake Court, Midlothian, VA 23114 (US). MCRAE, Douglas, D.; 8101 Courthouse Road, Chesterfield, VA 23832 (US). NGUYEN, Tung Tien; 1135 Huguenot Trail, Midlothian, VA 23113 (US).

(74) SKIFF, Peter, K. et al. / etc.; Burns, Doane, Swecke &amp; Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>4</sup> H05B 41/00  
(11) WO 03/028410 (13) A1  
(21) PCT/IB02/03803  
(22) 16 Sep/sep 2002 (16.09.2002)  
(25) en (26) en  
(30) 09/963,753 25 Sep/sep 2001 US (25.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • ELECTRONIC BALLAST SYSTEM WITH DUAL POWER AND DIMMING CAPABILITY  
• SYSTEME DE BALLAST ELECTRONIQUE A ENERGIE DOUBLE ET A CAPACITE DE GRADATION  
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(72) ERHARDT, Robert; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). PILGRIM, Steven; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KULKA, Raymond, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HUNG, Ching-Yao; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).  
(74) BOSMA, Rudolphus, H., A.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).  
(81) CN JP.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)<sup>7</sup> H05B 41/38, 41/288  
(11) WO 03/028411 (13) A1  
(21) PCT/IB02/03662  
(22) 6 Sep/sep 2002 (06.09.2002)  
(25) en (26) en  
(30) 09/965,064 26 Sep/sep 2001 US (26.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • ELECTRONIC BALLAST WITH LAMP RUN-UP CURRENT REGULATION  
• BALLAST ELECTRONIQUE A REGULATION DE COURANT DE DEMARRAGE DE LAMPE  
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(72) SHEN, Eric, B.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).  
(74) DUSSELDORP, Jan, C.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).  
(81) CN JP.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)<sup>7</sup> H05K  
(11) WO 03/028412 (13) A2  
(21) PCT/US02/27774  
(22) 30 Aug/août 2002 (30.08.2002)  
(25) en (26) en  
(30) 60/316,317 31 Aug/août 2001 US (31.08.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)

- (54) • TEST STRUCTURES AND MODELS FOR ESTIMATING THE YIELD IMPACT OF DISHING AND/OR VOIDS  
• MODELES ET STRUCTURES D'ESSAI PERMETTANT D'ESTIMER L'INCIDENCE DES DEFORMATIONS ET/OU DES VIDES SUR LE RENDEMENT  
(71) PDF SOLUTIONS, INC. [US/US]; Suite 700, 333 West San Carlos, San Jose, CA 95110 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) CIPLICKAS, Dennis, J. [US/US]; 2441 Schubert Avenue, San Jose, CA 95124 (US). STINE, Brian, E. [US/US]; 1560 Vista Club Circle #105, Santa Clara, CA 95054 (US). FEI, Yanwen [US/US]; 331 Devonshire Street, Apt. D9, Pittsburgh, PA 15213 (US).  
(74) KOFFS, Steven, E.; Duane Morris LLP, One Liberty Place, Philadelphia, PA 19103-7396 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> H05K 1/02  
(11) WO 03/028413 (13) A1  
(21) PCT/US02/25077  
(22) 7 Aug/août 2002 (07.08.2002)  
(25) en (26) en  
(30) 09/962,152 26 Sep/sep 2001 US (26.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • COUPON REGISTRATION MECHANISM AND METHOD  
• MECANISME ET PROCEDE DE REPERAGE PAR COUPON  
(71) INTEL CORPORATION [US/US]; 200 Mission College Boulevard, Santa Clara, CA 95052 (US).  
(72) BOGGS, David; 2963 SE Cornutt Street, Hillsboro, OR 97123 (US). JESSEP, Rebecca; 2485 SW Oakwood Drive, Dallas, OR 97338 (US). MCCORMICK, Carolyn; 2802 NE 9th Drive, Hillsboro, OR 97124 (US). SATO, Daryl; 14127 NW Eagleridge Lane, Portland, OR 97229 (US). DUNGAN, John; 346 NE Merle Court, Hillsboro, OR 97124 (US).  
(74) SKWIERAWSKI, Paul, J.; Antonelli, Terry, Stout & Kraus, LLP, 1300 North Seventeenth Street, Suite 1800, Arlington, VA 22209 (US) et al. / etc.  
(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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> H05K 1/11, 3/34  
(11) WO 03/028414 (13) A1  
(21) PCT/US02/31332  
(22) 30 Sep/sep 2002 (30.09.2002)  
(25) en (26) en  
(30) 09/968,646 28 Sep/sep 2001 US (28.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • VENTED VIAS FOR VIA IN PAD TECHNOLOGY ASSEMBLY PROCESS YIELD IMPROVEMENTS  
• TROUS D'INTERCONNEXION POURVUS D'EVENTS POUR AMELIORER LE RENDEMENT D'UN PROCEDE D'ASSEMBLAGE SELON LA TECHNOLOGIE DE TROU D'INTERCONNEXION DANS UNE PASTILLE  
(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).  
(72) MCCORMICK, Carolyn; 2802 NE 9th Drive, Hillsboro, OR 97124 (US). SATO, Daryl; 14127 NW Eagleridge Lane, Portland, OR 97229 (US). BOGGS, David; 2963 SE Cornutt Street, Hillsboro, OR 97123 (US). JESSUP, Rebecca; 2485 SW Oakwood Drive, Dallas, OR 97338 (US). DUNGAN, John; 346 NE Merle Court, Hillsboro, OR 97124 (US).

- (74) MALLIE, Michael, J.; Blakely Sokoloff Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US) et al. / etc.  
(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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> H05K 1/14  
(11) WO 03/028415 (13) A1  
(21) PCT/DE02/02966  
(22) 13 Aug/août 2002 (13.08.2002)  
(25) de (26) de  
(30) 101 42 655.0 31 Aug/août 2001 DE (31.08.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • COMPONENT ARRANGEMENT  
• MONTAGE D'UN COMPOSANT  
(71) EPCOS AG [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BLOCK, Christian** [DE/AT]; Stallhof 114, A-8510 Stainz (AT). **FAISTAUER, Christian** [AT/AT]; Amselweg 8, A-8523 Fraental (AT). **REICHEL, Bernhard** [AT/AT]; Eschensiedlung 102, A-8530 Deutschlandsberg (AT).

(74) **EPPING, HERMANN & FISCHER**; Riederstrasse 55, 80339 München (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)<sup>7</sup> **H05K 3/04, 3/10**

(11) **WO 03/028416** (13) A1

(21) PCT/DE02/03305

(22) **5 Sep/sep 2002 (05.09.2002)**

(25) de (26) de

(30) 101 45 749.9 **17 Sep/sep 2001 DE (17.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • METHOD FOR PRODUCING A STRUCTURED METALLIC LAYER ON A SUPPORT BODY AND A SUPPORT BODY COMPRISING A STRUCTURED METALLIC LAYER

• PROCEDE DE PRODUCTION D'UNE COUCHE METALLIQUE STRUCTUREE SUR UN SUBSTRAT ET SUBSTRAT PRESENTANT UNE COUCHE METALLIQUE STRUCTUREE

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

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(72, 75) **GUNDLACH, Harald** [DE/DE]; Am Düllanger 3, 82031 Grünwald (DE). **MÜLLER-HIPPER, Andreas** [DE/DE]; Adolf-Schmetzer-Str. 10, 93055 Regensburg (DE). **SIMMERLEIN-ERLBACHER, Ewald** [DE/DE]; Sauerbruchstr. 21, 91257 Pegnitz (DE).

(74) **EPPING, HERMANN & FISCHER**; Riederstr. 55, 80339 München (DE).

(81) BR CA CN IL IN JP KR MX RU UA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)<sup>7</sup> **H05K 3/10, 9/00, H05B 3/86**

(11) **WO 03/028417** (13) A1

(21) PCT/US02/20480

(22) **27 Jun/juin 2002 (27.06.2002)**

(25) en (26) en

(30) 09/941,058 **28 Aug/août 2001 US (28.08.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • EMBEDDED ELECTRICAL TRACES AND METHOD FOR MAKING

• RAINURES DE RESEAU CONDUCTEUR IMBRIQUEES, ET PROCEDE DE REALISATION

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

(72) **KOSKENMAKI, David, C.**; Post Office Box 6181, Frazier Park, CA 93222 (US). **MILLER, Michael, N.**; 6801 River Place Boulevard, Austin, TX 78726-9000 (US). **JING, Naiyong**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **HO, Néstor, F. et al.** / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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

Declarations / Déclarations :

(s) for all designations / pour toutes les designations

(t) for all designations / pour toutes les designations

(51)<sup>7</sup> **H05K 3/46, H01L 23/12, 23/14, 23/52**

(11) **WO 03/028418** (13) A1

(21) PCT/JP02/09648

(22) **19 Sep/sep 2002 (19.09.2002)**

(25) ja (26) ja

(30) 2001-289997 **21 Sep/sep 2001 JP (21.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • THIN FILM CIRCUIT BOARD DEVICE AND ITS MANUFACTURING METHOD

• SYSTEME DE CARTE A CIRCUITS IMPRIMES A COUCHE MINCE ET SON PROCEDE DE REALISATION

(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) **OGAWA, Tsuyoshi** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **KOIKE, Akira et al.** / etc.; No.11 Mori Bldg., 6-4, Toranomom 2-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 IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> **H05K 3/46, H01G 4/30, B32B 15/04**

(11) **WO 03/028419** (13) A1

(21) PCT/JP02/09860

(22) **25 Sep/sep 2002 (25.09.2002)**

(25) ja (26) ja

(30) 2001-293589 **26 Sep/sep 2001 JP (26.09.2001)**

(30) 2002-157068 **30 May/mai 2002 JP (30.05.2002)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • LAMINATE FOR FORMATION OF CAPACITOR LAYER AND METHOD FOR PRODUCTION THEREOF

• LAMINE DESTINE A LA PRODUCTION D'UNE COUCHE CONDENSATEUR ET SON PROCEDE DE PRODUCTION

(71) **MITSUMI MINING & SMELTING CO.,LTD.** [JP/JP]; 11-1, Osaki 1-chome, Shinagawa-ku, Tokyo 141-8584 (JP).

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

(72, 75) **MASHIKO, Yasuaki** [JP/JP]; c/o MITSUI MINING & SMELTING CO., LTD. Corporate R & D Center, 1333-2, Haraichi, Ageo-shi, Saitama 362-0021 (JP). **SEKI-MORI, Hideshi** [JP/JP]; c/o MITSUI MINING & SMELTING CO., LTD. Corporate R & D Center, 1333-2, Haraichi, Ageo-shi, Saitama 362-0021 (JP). **TAKAHASHI, Naotomi** [JP/JP]; c/o MITSUI MINING & SMELTING CO., LTD. Copper Foil Sector Copper Foil Division, 656-2, Kamakurabashi, Ageo-shi, Saitama 362-0013 (JP).

(74) **TANAKA, Daisuke**; No.1 Misawa Bldg., 15-2, Hongo 1-chome, Bunkyo-ku, Tokyo 113-0033 (JP).

(81) CN KR PH US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> **H05K 7/10**

(11) **WO 03/028420** (13) A1

(21) PCT/US02/30591

(22) **26 Sep/sep 2002 (26.09.2002)**

(25) en (26) en

(30) 60/325,107 **26 Sep/sep 2001 US (26.09.2001)**

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • THERMAL MANAGEMENT OF POWER DELIVERY SYSTEMS FOR INTEGRATED CIRCUITS

• GESTION THERMIQUE DE SYSTEMES D'ALIMENTATION POUR CIRCUITS INTEGRES

(71) **MOLEX INCORPORATED** [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US).

(72) **PANELLA, Augusto, P.**; 2659 Midland Drive, Naperville, IL 60564 (US). **DUTTA, Arindum**; 5805 Oakwood Drive #D, Lisle, IL 60532 (US). **MCGRATH, James, L.**; 248 Wren Drive, Bloomingdale, IL 60108 (US).

(74) **PAULIUS, Thomas, D.**; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> H05K 7/20  
(11) WO 03/028421 (13) A1  
(21) PCT/DE02/03274  
(22) 4 Sep/sep 2002 (04.09.2002)  
(25) de (26) de  
(30) 101 46 385.5 20 Sep/sep 2001 DE  
(20.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • DEVICE AND METHOD FOR DETERMINING A CRITERION FOR REPLACING AN AIR FILTER  
• DISPOSITIF ET PROCEDE DE DETERMINATION DU CRITERE DE REMPLACEMENT D'UN FILTRE A AIR  
(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) KRÜGER, Holger [DE/DE]; Wilhelm-Busch-Strasse 19, 82256 Fürstentfeldbruck (DE). RÖSKE, Raimund [DE/DE]; Wittelsbacherstrasse 21a, 82110 Germering (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 IE IT LU MC NL PT SE SK TR).

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(u) for / pour US only / seulement

- (51)<sup>7</sup> H05K 7/20, G06F 1/00, H01L 23/46  
(11) WO 03/028422 (13) A1  
(21) PCT/JP02/07008  
(22) 10 Jul/juil 2002 (10.07.2002)  
(25) ja (26) ja  
(30) 2001-266654 4 Sep/sep 2001 JP  
(04.09.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • ELECTRONIC APPARATUS  
• APPAREIL ELECTRONIQUE  
(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) KONDO, Yoshihiro [JP/JP]; c/o Hitachi, Ltd. Mechanical, Engineering Research Laboratory, 502, Kandatsu-machi, Tsuchiura-shi, Ibaraki 300-0013 (JP). MATSUSHITA, Shinji [JP/JP]; c/o Hitachi, Ltd. Internet, Systems Platform Division, 810, Shimoimaizumi, Ebina-shi, Kanagawa 243-0435 (JP). OHASHI, Shigeo [JP/JP]; c/o Hitachi, Ltd. Mechanical, Engineering Research Laboratory, 502, Kandatsu-machi, Tsuchiura-shi, Ibaraki 300-0013 (JP). NAGANAWA, Takashi [JP/JP]; c/o Hitachi, Ltd. Mechanical, Engineering Research Laboratory, 502, Kandatsu-machi, Tsuchiura-shi, Ibaraki 300-0013 (JP). MINAMITANI, Rintaro [JP/JP]; c/o Hitachi, Ltd. Mechanical,

Engineering Research Laboratory, 502, Kandatsu-machi, Tsuchiura-shi, Ibaraki 300-0013 (JP). NAKAGAWA, Tsuyoshi [JP/JP]; c/o Hitachi, Ltd. Internet, Systems Platform Division, 810, Shimoimaizumi, Ebina-shi, Kanagawa 243-0435 (JP). YOSHITOMI, Yuuji [JP/JP]; c/o Hitachi, Ltd. Mechanical, Engineering Research Laboratory, 502, Kandatsu-machi, Tsuchiura-shi, Ibaraki 300-0013 (JP). NAKANISHI, Masato [JP/JP]; c/o Hitachi, Ltd. Mechanical, Engineering Research Laboratory, 502, Kandatsu-machi, Tsuchiura-shi, Ibaraki 300-0013 (JP). KATO, Hajime [JP/JP]; c/o Hitachi, Ltd. Mechanical, Engineering Research Laboratory, 502, Kandatsu-machi, Tsuchiura-shi, Ibaraki 300-0013 (JP).  
(74) OGAWA, Katsuo; Nitto International Patent Office, Yusenkayabacho Building, 9-8, Nihonbashi-kayabacho 2-chome, Chuo-ku, Tokyo 103-0025 (JP).

- (81) CA CN US.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)<sup>7</sup> H05K 7/20, B21D 53/02, H01L 23/367

- (11) WO 03/028423 (13) A1  
(21) PCT/SE02/01659  
(22) 16 Sep/sep 2002 (16.09.2002)  
(25) en (26) en  
(30) 09/965.639 27 Sep/sep 2001 US  
(27.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • METHOD FOR MANUFACTURING A HEAT SINK  
• PROCEDE DE FABRICATION D'UN PUITTS THERMIQUE  
(71) EMERSON ENGERGY SYSTEMS AB [SE/SE]; S-141 82 Stockholm (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) NYQVIST, Mattias [SE/SE]; Stavgårdsgatan 40, S-167 56 Bromma (SE).

(74) ALBIHNS STOCKHOLM AB et al. / etc.; P O Box 5581, Linnégatan 2, S-114 85 Stockholm (SE).

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

- (51)<sup>7</sup> H05K 9/00, H04M 1/02  
(11) WO 03/028424 (13) A1  
(21) PCT/NO02/00312  
(22) 6 Sep/sep 2002 (06.09.2002)  
(25) no (26) en  
(30) 2001 4376 7 Sep/sep 2001 NO  
(07.09.2001)

- (43) 3 Apr/avr 2003 (03.04.2003)  
(54) • SHIELDING METHOD AND DEVICE  
• PROCEDE ET DISPOSITIF DE PROTECTION  
(71) PE-DEVELOPMENT AS [NO/NO]; Strandveien 50, Box 68, N-1324 Lysaker (NO).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) STAREFOSS, Carl, Erik [NO/NO]; Våkleivbrotet 77B, N-5155 Bønes (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID 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 SI 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> H05K 13/04, 13/08  
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(21) PCT/DE02/02839  
(22) 1 Aug/août 2002 (01.08.2002)  
(25) de (26) de  
(30) 101 42 269.5 29 Aug/août 2001 DE  
(29.08.2001)  
(43) 3 Apr/avr 2003 (03.04.2003)  
(54) • DEVICE FOR RECEIVING AND/OR DEPOSITING MOVABLE COMPONENTS  
• DISPOSITIF POUR RECEVOIR ET/OU DEPOSER DES COMPOSANTS MOBILES ET PROCEDE POUR LES ENREGISTRER  
(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
(72) STANZL, Harald; Leuthener Strasse 22 a, 81476 München (DE). BURGER, Stefan; Steinmetzstrasse 11, 81379 München (DE).  
(81) CN JP.  
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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

- (51)<sup>7</sup> H05K 13/04  
(11) WO 03/028426 (13) A1  
(21) PCT/DE02/03347  
(22) 9 Sep/sep 2002 (09.09.2002)  
(25) de (26) de  
(30) 101 46 587.4 21 Sep/sep 2001 DE  
(21.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • MANIPULATION DEVICE FOR ASSEMBLY ELEMENTS, ASSEMBLY SYSTEM AND A METHOD FOR ASSEMBLING SAID ELEMENTS ON SUBSTRATES

- DISPOSITIF DE MANIEMENT DE COMPOSANTS DE MONTAGE, SYSTEME DE MONTAGE DE COMPOSANTS ET PROCEDE POUR MONTER DES COMPOSANTS DE MONTAGE SUR DES SUBSTRATS

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) KWAN, Yim Bun Patrick [GB/DE]; Warthelandstrasse 68, 73431 Aalen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN JP KR SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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

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

(51)<sup>7</sup> H05K 13/04

(11) WO 03/028427 (13) A1

(21) PCT/DE02/03443

(22) 13 Sep/sep 2002 (13.09.2002)

(25) de (26) de

(30) 101 47 106.8 25 Sep/sep 2001 DE (25.09.2001)

(43) 3 Apr/avr 2003 (03.04.2003)

(54) • ASSEMBLY DEVICE AND METHOD FOR ASSEMBLING ELEMENTS ON SUBSTRATES

- DISPOSITIF DE MONTAGE ET PROCEDE POUR MONTER DES ELEMENTS SUR DES SUBSTRATS

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) KWAN, Yim, Bun, Patrick [GB/DE]; Warthelandstr. 68, 73431 Aalen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN JP KR SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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Declarations / Déclarations :

*(s) for the following designations / pour les désignations suivantes : CN JP KR SG EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)*

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

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