

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

- (51) Not classified / non classée
- (11) WO 03/079746 (13) A2
- (21) PCT/US02/03354
- (22) 5 Feb/fév 2002 (05.02.2002)
- (25) en (26) en
- (30) 60/266,525 5 Feb/fév 2001 US (05.02.2001)
- (30) 60/329,897 10 Oct/oct 2001 US (10.10.2001)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGPRBMY14, RELATED TO THE ORPHAN GPCR, GPR73
- RECEPTEUR HUMAIN COUPLE AUX PROTEINES G, HGPRBMY14, ASSOCIÉ AU RECEPTEUR GPCR ORPHELIN GPR73
- (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) FEDER, John [US/US]; 277 Dutchtown-Zion Road, Belle Mead, NJ 08502 (US). RAMANATHAN, Chandra [IN/US]; 41 Alison Avenue, Wallingford, CT 06492 (US). NELSON, Thomas, C. [US/US]; 12 Azalea Court, Lawrenceville, NJ 08648 (US). KORNACKER, Michael [DE/US]; 17 MacLean Street, Princeton, NJ 08542 (US). RYSECK, Rolf-Peter [DE/US]; 48 Brophy Drive, Ewing, NJ 08638 (US). CACACE, Angela [US/US]; 47 Silverbirch Lane, Clinton, CT 06413 (US). BARBER, Lauren [US/US]; 561 Taylor Hill Road, Jewett City, CT 06351 (US).
- (74) D'AMICO, Stephen et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Route 206 and Provinceline Road, 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).
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- (51) Not classified / non classée
- (11) WO 03/079748 (13) A2
- (21) PCT/US03/02352
- (22) 22 Jan/jan 2003 (22.01.2003)
- (25) en (26) en
- (30) 60/351,530 22 Jan/jan 2002 US (22.01.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • POTENTIATION OF CANCER THERAPIES BY ZNF217 INHIBITION
- RENFORCEMENT DE THERAPIES CANCEREUSES PAR INHIBITION DE ZNF217
-
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).
- (72) COLLINS, Colin; 333 Mountain View, San Rafael, CA 94901 (US). HUANG, Guiqing; 491 CoUrland Drive, Apt. #10, San Bruno, CA 94066 (US). GRAY, Joe, W.; 50 Santa Paula, San Francisco, CA 94127 (US).
- (74) HINSCH, Matthew, E. et al. / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51) Not classified / non classée
- (11) WO 03/079749 (13) A2
- (21) PCT/US03/03956
- (22) 10 Feb/fév 2003 (10.02.2003)
- (25) en (26) en
- (30) 10/074,598 11 Feb/fév 2002 US (11.02.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NETWORK AND TOPOLOGY FOR IDENTIFYING, LOCATING AND QUANTIFYING PHYSICAL PHENOMENA, SYSTEMS AND METHODS FOR EMPLOYING SAME
- RESEAU ET TOPOLOGIE D'IDENTIFICATION, DE LOCALISATION ET DE QUANTIFICATION DE PHENOMENE PHYSIQUE, SYSTEMES ET PROCÉDES D'UTILISATION ASSOCIÉS
-
- (71) BECHTEL BWXT IDAHO, LLC [US/US]; P.O. Box 1625, Idaho Falls, ID 83415-3899 (US).
- (72) RICHARDSON, John, G.; 1086 Mojave Drive, Idaho Falls, ID 83404 (US). MOORE, Karen, A.; 2374 Belmont Avenue, Idaho Falls, ID 83404 (US). CARRINGTON, Robert, A.; 1497 N. 1000 E., Idaho Falls, ID 83402 (US).
- (74) CHRISTIAN, Stephen, R.; Bechtel Bwxt Idaho, LLC, P.O. Box 1625, Idaho Falls, ID 83415-3899 (US).

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

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

(51) Not classified / non classée

(11) WO 03/079750 (13) A2

(21) PCT/US03/06155

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 60/367,054 21 Mar/mar 2002 US (21.03.2002)

(30) 60/409,768 10 Sep/sep 2002 US (10.09.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ANTAGONISTIC ANTI-hFAS LIGAND HUMAN ANTIBODIES AND FRAGMENTS THEREOF

• ANTICORPS HUMAINS DE LIGAND ANTI-hFAS ANTAGONISTE, ET FRAGMENTS ASSOCIES

(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) LANCASTER, Joanne, Sloan [US/US]; 6835 Bretton Wood Drive, Indianapolis, IN 46268 (US).

(74) WISKERCHEN, MaryAnn 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 SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declarations / Déclarations :

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

MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

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

(u) for / pour US only / seulement

(51) Not classified / non classée

(11) WO 03/079751 (13) A2

(21) PCT/US03/06552

(22) 3 Mar/mar 2003 (03.03.2003)

(25) en (26) en

(30) 60/365,588 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SLICING ALGORITHM FOR MULTI-LEVEL MODULATION EQUALIZING SCHEMES

• ALGORITHME DE TRANCHAGE POUR SCHEMAS D'EGALISATION DE MODULATION A NIVEAUX MULTIPLES

(71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).

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

(72, 75) BELOTSEKOVSKY, Maxim, B. [US/US]; 9307 Aintree Drive, Indianapolis, IN 46250 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; c/o Thomson multimedia Licensing Inc., 2 Independence Way - Suite 2, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51) Not classified / non classée

(11) WO 03/079752 (13) A2

(21) PCT/US03/07252

(22) 7 Mar/mar 2003 (07.03.2003)

(25) en (26) en

(30) 10/099,594 16 Mar/mar 2002 US (16.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • UNIT CELL ARCHITECTURE FOR ELECTRICAL INTERCONNECTS

• ARCHITECTURE DE CELLULE UNITE POUR INTERCONNEXIONS ELECTRIQUES

(71) MEMX, INC. [US/US]; 5600 Wyoming Boulevard, N.E., Suite 20, Albuquerque, NM 87109 (US).

(72) MILLER, Samuel, Lee; 1524 Eagle Ridge Drive N.E., Albuquerque, NM 87122 (US).

(74) JOHNSON, Kenneth, J.; MARSH FISCHMANN & BREYFOGLE LLP, 3151 South Vaughn Way, Suite 411, Aurora, CO 80014 (US).

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

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

(51) Not classified / non classée

(11) WO 03/079753 (13) A2

(21) PCT/US03/08354

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/366,319 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PRODUCTION LINE BOOT SECTOR LOCK

• VERROUILLAGE DE SECTEUR D'AMORÇAGE DE LIGNE DE PRODUCTION

(71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).

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(72, 75) **PITSCH, Robert, Alan** [US/US]; 246 Boulder Court, Carmel, IN 46032 (US). **CURTIS, John, Joseph, III** [US/US]; 121 Scarborough Circle, Noblesville, IN 46060 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; c/o THOMSON Licensing Inc., Two Independence Way, Suite #2, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51) Not classified / non classée

(11) WO 03/079754 (13) A2

(21) PCT/US03/08552

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/102,324 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR STACKING CHIPS WITHIN A MULTICHIP MODULE PACKAGE

• PROCEDE D'EMPILEMENT DE PUCES DANS UN BOITIER DE MODULE A PLUSIEURS PUCES

(71) **BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.** [US/US]; 65 Spit Brook Road, Nashua, NH 03060 (US).

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

(72, 75) **STURCKEN, Keith, K.** [US/US]; 14015 Hunter Hill Lane, Nokesville, VA 20181 (US). **KONECKE, Sheila, J.** [US/US]; 803 Hallyard Court, Leesburg, VA 20175 (US). **NAZARIO-CAMACHO, Santos** [US/US]; 805 Sperryville Pike, Culpepper, VA 22701 (US).

(74) **NG, Antony, P.** et al. / etc.; P.O. Box 969, Austin, TX 78767-0969 (US).

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

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

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

Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51) Not classified / non classée

(11) WO 03/079755 (13) A2

(21) PCT/US03/08618

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/102,122 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AN ASYMMETRIC DRIVE MOTOR FOR A BARRIER OPERATOR OR THE LIKE

• MOTEUR D'ENTRAINEMENT ASYMETRIQUE POUR MECANISME OPERATEUR DE BARRIERE OU ANA-LOGUE

(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). **LAIRD, Edward, T.**; 444 South Grace, Lombard, IL 60148 (US). **WILLMOTT, Colin, B.**; 917 Saybrook Lane, Buffalo Grove, IL 60089 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51) Not classified / non classée

(11) WO 03/079756 (13) A2

(21) PCT/US03/08652

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 10/102,581 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HOSIERY INSPECTION DEVICE AND METHOD

• DISPOSITIF ET PROCEDE D'INSPECTION DE BONNETERIE

(71) **SARA LEE CORPORATION** [US/US]; 1000 East Hanes Mill Road, Winston-Salem, NC 27105 (US).

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

(72, 75) **FAIRCLOTH, Michael** [US/US]; 510 North Wind Drive, Winston-Salem, NC 27127 (US).

(74) **BOGGS, J., Michael** et al. / etc.; Kilpatrick Stockton LLP, 1001 West Fourth Street, Winston-Salem, NC 27101 (US).

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

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

(51) Not classified / non classée

(11) WO 03/079757 (13) A2

(21) PCT/US03/08653

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/365,925 20 Mar/mar 2002 US (20.03.2002)

(30) 60/396,041 15 Jul/juil 2002 US (15.07.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HIV THERAPEUTIC

• THERAPEUTIQUE DU VIH

(71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; Five Cambridge Center, Cambridge, MA 02142-1493 (US). **THE CENTER FOR BLOOD RESEARCH, INC.** [US/US]; 800 Huntington Avenue, Boston, MA 02115 (US).

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

(72, 75) **BERESFORD, Paul, J.** [CA/US]; 2875 Kendridge Lane, Aurora, IL 60504 (US).

LIEBERMAN, Judy [US/US]; 63 Buckminster Road, Brookline, MA 02445 (US). **MURRAY, Michael, F.** [US/US]; 204 South Main Street, Sherborn, MA 01770 (US). **NOVINA, Carl, D.** [US/US]; 27 Warner St., Apt.#1, Somerville, MA 02144 (US). **SHARP, Phillip, A.** [US/US]; 36 Fairmont Avenue, Newton, MA 02458 (US).

(74) **GERBER, Monica, R.**; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51) Not classified / non classée

(11) WO 03/079758 (13) A2

(21) PCT/US03/08654

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/366,671 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • REMOTE TIRE PRESSURE MONITORING SYSTEM WITH PLASTIC THIN-WALLED VALVE CAP AND METHOD OF INSTALLING THE MONITORING SYSTEM

- SYSTEME DE SURVEILLANCE A DISTANCE DE PRESSION DE PNEUMATIQUE AVEC CAPUCHON DE VALVE PLASTIQUE A PAROI MINCE ET PROCEDE D'INSTALLATION DU SYSTEME DE SURVEILLANCE

(71, 72) BANZHOF, Frank, S. [US/US]; 3321 Brooktree Lane, Indian Trail, NC (US). DEMONTOUX, Stephane [FR/FR]; 16, Rue Eugene Droz, 25300 Pontarlier (FR).

(74) TABOR, Katherine, L.; Brinks Hofer Gilson & Lionie, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51) Not classified / non classée

(11) WO 03/079759 (13) A2

(21) PCT/US03/08953

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 10/101,293 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • T-SPACED EQUALIZATION FOR 1XEV SYSTEMS

- EGALISATION A ESPACEMENT T POUR SYSTEMES 1XEV

(71) NOKIA CORPORATION [FI/FI]; Patent Department, KEILALAHDENTIE 4, FIN-FIN-02150 Espoo (FI).

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

(72, 75) CARBONE, Nick [US/US]; 12960 Percy Ct., San Diego, CA 92130 (US). KENNEY, Tom [US/US]; 7374 Manix Court, San Diego, CA 92129 (US). TRAN, Jean-Marie [US/US]; 3256 Galloway Drive, San Diego, CA 92122 (US).

(74) PATEL, Milan; Nokia, Patent Department, 6000 Connection Drive, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A01C 7/12

(11) WO 03/079760 (13) A1

(21) PCT/CA03/00432

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 2,379,078 26 Mar/mar 2002 CA (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SEED METERING DEVICE

- DOSEUR DE GRAINES

(71, 72) LEMPRIERE, NOEL, D. [GB/CA]; BOX 1178, BARRIERE, British Columbia V0E 1E0 (CA).

(74) EDWARDS, Antony C.; c/o Petrovia Langford Edwards & Rush, Suite 800 - 1708 Dolphin Avenue, Kelowna, British Columbia V1Y 9S4 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

Declarations / Déclarations :

(t) for all designations / pour toutes les désignations

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(51)⁷ A01D 75/30, 57/20

(11) WO 03/079761 (13) A1

(21) PCT/FR03/00801

(22) 13 Mar/mar 2003 (13.03.2003)

(25) fr (26) fr

(30) 02/03893 21 Mar/mar 2002 FR (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AGRICULTURAL CUTTER COMPRISING A CARRIER VEHICLE AND SEVERAL WORK UNITS

- FAUCHEUSE AGRICOLE COMPOSANT UN VEHICULE PORTEUR ET PLUSIEURS UNITES DE TRAVAIL

(71) KUHN, S.A. [FR/FR]; 4, Impasse des Fabriques, F-67706 Saverne Cedex (FR).

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(72, 75) HIRONIMUS, Jeannot [FR/FR]; 7, rue du Moulin, F-67440 Schwebwiller (FR). NEUERBURG, Horst [DE/FR]; 6, rue des Aubepines, F-67700 Saverne (FR). STUTZMANN, Olivier [FR/FR]; 10, rue du Chateau d'Eau, F-57370 Zilling (FR). BONNIN, David [FR/FR]; 66, rue de Monswiller, F-67700 Saverne (FR).

(74) BONNIN, David; c/o Kuhn S.A., 4, impasse des Fabriques, F-67706 Saverne Cedex (FR).

(81) AU BR CA CN HR JP MX NO NZ PL RU UA US YU ZA.

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

Published / Publiée : (c)

(51)⁷ A01G 9/02

(11) WO 03/079762 (13) A1

(21) PCT/IL03/00147

(22) 26 Feb/fév 2003 (26.02.2003)

(25) en (26) en

(30) 148835 21 Mar/mar 2002 IL (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CONTAINER AND METHODS USING IT

- RECIPIENT ET SES PROCEDES D'UTILISATION

(71, 72) WINTER, Aharon [IL/IL]; House Number 78, 85153 Kfar Mimon (IL).

(74) REINHOLD COHN AND PARTNERS; P.O.Box 4060, 61040 Tel-Aviv (IL).

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

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

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

Published / Publiée : (a)

(51)⁷ A01G 9/02, 13/00, A01N 25/00, 25/34, A23G 3/00, B32B 9/04, C08J 3/00, 3/20, C09K 11/00

(11) WO 03/079763 (13) A1

(21) PCT/US03/07765

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 10/104,414 21 Mar/mar 2002 US (21.03.2002)

(30) 10/336,972 6 Jan/jan 2003 US (06.01.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMPOSITIONS AND COMPOSITES OF CELLULOSIC AND LIGNOCELLULOSIC MATERIALS AND RESINS, AND METHODS OF MAKING THE SAME

• COMPOSITIONS ET COMPOSITES DE MATERIAUX ET RESINES CELLULOSIQUES ET LIGNOCELLULOSIQUES, ET LEUR PROCEDE DE FABRICATION

(63) US 10/104,414 (CON)

21 Mar/mar 2002 (21.03.2002)

US 10/336,972 (CON)

6 Jan/jan 2003 (06.01.2003)

(71) XYLECO, INC. [US/US]; 90 Addington Road, Brookline, MA 02146 (US).

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(72, 75) MEDOFF, Marshall [US/US]; 90 Addington Road, Brookline, MA 02146 (US). LAGACE, Arthur, P. [US/US]; 21 Prospect Park, Newtonville, MA 02460 (US).

(74) NABINGER, Robert, C.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (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 SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ A01G 9/12

(11) WO 03/079764 (13) A1

(21) PCT/FR03/00872

(22) 19 Mar/mar 2003 (19.03.2003)

(25) fr (26) fr

(30) 02/04282 21 Mar/mar 2002 FR (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SUPPORT FOR CULTIVATING PLANTS, ESPECIALLY POTTED PLANTS

• TUTEUR POUR LA CULTURE DES PLANTES, EN POT NOTAMMENT

(71) SOCIÉTÉ PHILOPAK [FR/FR]; 38 AV des Fusillés de châteaubriant, 94100 Saint Maur Des Fosses (FR).

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(72, 75) NUTTENS, Laurent.@ [FR/FR]; 28 rue du Docteur Degrenne, F-14100 Lisieux (FR).

(74) CABINET ARGOS INNOVATION & ASSOCIES et al. / etc.; 5bis, avenue Gilles, F-94340 Joinville le Pont (FR).

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

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

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(51)⁷ A01H

(11) WO 03/079765 (13) A2

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(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/365,527 20 Mar/mar 2002 US (20.03.2002)

(30) 60/377,597 6 May/mai 2002 US (06.05.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • REFINED PLANT TRANSFORMATION
• TRANSFORMATION RAFFINEE DES PLANTES

(71) J.R. SIMPLOT COMPANY [US/US]; One Capital Center, 999 Main Street, Suite 1300, P.O. Box 27, Boise, ID 83702 (US).

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(74) PEET, Richard, C. et al. / etc.; Foley & Lardner, Washington Harbour, Suite 500, 3000 K Street, N.W., Washington, DC 20007-5101 (US).

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

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

(51)⁷ A01H

(11) WO 03/079766 (13) A2

(21) PCT/US03/08739

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/366,108 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • GENERATION OF PLANTS WITH ALTERED OIL CONTENT
• GENERATION DE PLANTES A TENEUR EN HUILE ALTEREE

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

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(72, 75) LIGHTNER, Jonathan [US/US]; 28750 South Heisinger Lane, Mulino, OR 97042 (US). COATE, Jeremy, E. [US/US]; 3202 S.E. 10th Avenue, Portland, OR 97202 (US).

CLENDENNEN, Stephanie, K. [US/US]; 8640 S.W. 89th Avenue, Portland, OR 97223 (US). FEDERSPIEL, Nancy [US/US]; 1345 Altschul Avenue, Menlo Park, CA 94025 (US). SCHUSTER, Debra, K. [US/US]; 3801 S.W. Plum Street, Portland, OR 97219 (US).

(74) ATKINS, Michael et al. / etc.; Exelixis, Inc., S.O. Box 511, 170 Harbor Way, South San Francisco, CA 94083-0511 (US).

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

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

(51)⁷ A01H 1/00, C12N 15/09, 5/10

(11) WO 03/079767 (13) A1

(21) PCT/JP03/03784

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(30) 2002-88758 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD OF TRANSFORMING PLANT OF THE GENUS COFFER
• METHODE DE TRANSFORMATION D'UNE PLANTE DU GENRE CAFE

(71) JAPAN AS REPRESENTED BY PRESIDENT OF NARA INSTITUTE OF SCIENCE AND TECHNOLOGY [JP/JP]; 8916-5, Takayamacho, Ikoma-shi, Nara 630-0101 (JP).

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(72, 75) OGITA, Shinjiro [JP/JP]; G, 3-16-8, Tomiokita, Nara-shi, Nara 631-0076 (JP).

SANO, Hiroshi [JP/JP]; 2-7-15, Shikanodainishi, Ikoma-shi, Nara 630-0114 (JP). **KOIZUMI, Nozomu** [JP/JP]; Daigaku Shukusha C-505, 8916-5, Takayamacho, Ikoma-shi, Nara 630-0101 (JP). **SHIN-MYO, Atsuhiko** [JP/JP]; 4-1-4, Tatsutakita, Ikaruga-cho, Ikoma-gun, Nara 636-0151 (JP).

- (74) **HIBI, Norihiko et al.** / etc.; c/o KISHI-MOTO & CO., 3rd Floor, Inaba Building, 13-18, Nishishinsaibashi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0086 (JP).
- (81) AU CA US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A01H 4/00, C12N 5/04

(11) WO 03/079768 (13) A1

(21) PCT/IB02/01149

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • A METHOD FOR THE CLONAL PROPAGATION OF VANILLA
• PROCEDE DE PROPAGATION CLONALE DE VANILLE

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
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(72, 75) **BHAGYALAKSHMI, Neelwarne** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **RAVISHANKAR, Gokare, Aswathnarayana** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **GEORGE, Puthenpurakkal, Sebastian** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN).

(74) **GABRIEL, DEVADOSS, CALAB;** Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).

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

(84) AP (GH GM 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).

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); (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); (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)⁷ A01H 5/00, C12N 15/09

(11) WO 03/079769 (13) A1

(21) PCT/JP02/02817

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • FUNCTIONAL PLANT, PROMOTER TO BE USED FOR PRODUCING THE FUNCTIONAL PLANT AND METHOD OF USING THE SAME
• PLANTE FONCTIONNELLE, PROMOTEUR SERVANT A LA PRODUCTION DE LA PLANTE FONCTIONNELLE ET PROCEDE D'UTILISATION CORRESPONDANT

(71) **NATIONAL AGRICULTURAL RESEARCH ORGANIZATION** [JP/JP]; 3-1-1, Kannondai, Tsukuba-shi, Ibaraki 305-0856 (JP).
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(72, 75) **OTSUKI, Hiroshi** [JP/JP]; 5-3-102, Motoshirocho, Joetsu-shi, Niigata 943-0835 (JP). **OHSHIMA, Masahiro** [JP/JP]; 4-6-301, Inada 1-chome, Joetsu-shi, Niigata 943-0154 (JP).

(74) **YAMAMOTO, Shusaku;** 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ A01K 1/00, A22B 1/00

(11) WO 03/079770 (13) A1

(21) PCT/DK03/00202

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) PA 2002 00466 27 Mar/mar 2002 DK (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE AND METHOD FOR DRIVING ANIMALS IN AN OBLONG CORRIDOR SECTION

• DISPOSITIF ET PROCEDE POUR CONDUIRE DES ANIMAUX DANS UNE PARTIE COULOIR OBLONGUE

(71) **BUTINA APS** [DK/DK]; 5 Ydervang, DK-4300 Holbæk (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KILDEGAARD, Jacob** [DK/DK]; 114, 1.TV Strandvejen, DK-2900 Hellerup (DK).

(74) **SLAGTERIERNES FORSKNINGSSINSTITUT;** 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

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

(51)⁷ A01K 1/035, A47C 17/72

(11) WO 03/079771 (13) A1

(21) PCT/AU03/00353

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) PS 1290 22 Mar/mar 2002 AU (22.03.2002)

(30) 10/217,491 12 Aug/août 2002 US (12.08.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BED FOR PETS

• LITS POUR ANIMAUX DOMESTIQUES

(71, 72) **BEDINGTON, Guy, Willoughby** [AU/AU]; 4 Wendy Court, Toowoomba, Queensland 4350 (AU).

(74) **GRIFFITH HACK**; Level 10, 167 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A01K 1/12

(11) **WO 03/079772** (13) A1

(21) PCT/EP03/02936

(22) **20 Mar/mar 2003 (20.03.2003)**

(25) de (26) de

(30) 102 12 676.3 **22 Mar/mar 2002 DE (22.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR OPERATING A MILKING FACILITY, IN ADDITION TO CORRESPONDING MILKING FACILITY
• PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN DISPOSITIF DE TRAITE ET DISPOSITIF DE TRAITE

(71) **WESTFALIASURGE GMBH** [DE/DE]; Werner-Habig-Strasse 1, 59302 Oelde (DE).
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(72, 75) **HÖLSCHER, Frank** [DE/DE]; Gottfried-Niermann-Str. 5, 33378 Rheda-Wiedenbrück (DE). **SCHÖNROCK, Karsten** [DE/DE]; Gneisenastr. 5, 58097 Hagen (DE). **KAEVER, Peter** [DE/DE]; Fritz-Reuter-Strasse 23, 59302 Oelde (DE).

(74) **NEUMANN, Ditmar**; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A01K 11/00

(11) **WO 03/079773** (13) A1

(21) PCT/NO03/00098

(22) **21 Mar/mar 2003 (21.03.2003)**

(25) en (26) en

(30) 20021435 **21 Mar/mar 2002 NO (21.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A SYSTEM AND METHOD FOR TRACKING INDIVIDUALS
• SYSTEME ET PROCEDE DE REPERAGE D'ELEMENTS INDIVIDUELS

(71) **TELENOR ASA** [NO/NO]; Snaroyveien 30, N-1331 Fornebu (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **THORSTENSEN, Bjørn** [NO/NO]; Kræmerveien 7, N-9010 Tromsø (NO). **SOLVOLL, Terje, Geir** [NO/NO]; M. Urdals veg 7, N-9011 Tromsø (NO). **EV-JEMO, Bente** [NO/NO]; Henrik Wergelands veg 31, N-9007 Tromsø (NO). **JOHNSEN, Øyvind** [NO/NO]; Trondheimsveien 55, N-9404 Harstad (NO). **SYVERSEN, Tore** [NO/NO]; Kløvervegen 8, N-9016 Tromsø (NO). **MUNCH-ELLINGSEN, Arne** [NO/NO]; Anna Eides veg 3, N-9012 Tromsø (NO). **AKSELSEN, Sigmund** [NO/NO]; Nordmarksveien 33, N-9400 Harstad (NO). **KARLSEN, Haakon, Jr.** [NO/NO]; Ørnes, N-9060 Lyngseidet (NO).

(74) **OSLO PATENTKONTOR AS**; Postboks 7007 M, N-0306 Oslo (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM KN KP KR TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declarations / Déclarations :

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

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

(51)⁷ A01K 13/00

(11) **WO 03/079774** (13) A1

(21) PCT/ES02/00146

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

(25) es (26) es

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • STATION FOR PREPARING, CLEANING, DISINFECTING, DELOUSING AND HYDROMASSAGING ANIMALS
• STATION POUR LE TOILETTAGE, NETTOYAGE, DESINFECTION ET DEPARASITAGE, ET HYDROMASSAGE DES ANIMAUX

(71) **ANGEL SEGURA MUÑOZ** [ES/ES]; Artesanos S/N, E-43800 Valls (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEGURA JOBAL, Eduardo** [ES/ES]; Artesanos S/N, E-43800 Valls (ES).

(74) **ESTEBAN PEREZ-SERRANO, M^a, Isabel**; Explanada 8, E-28040 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 NI NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ A01K 29/00, 15/02

(11) **WO 03/079775** (13) A1

(21) PCT/IT02/00183

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

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A VOCAL CONNECTION SYSTEM BETWEEN HUMANS AND ANIMALS
• SYSTEME DE CONNEXION VOCALE ENTRE HUMAINS ET ANIMAUX

(71) **C.R.F. SOCIETA CONSORTILE PER AZIONI** [IT/IT]; Strada Torino, 50, I-10043 Orbassano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PERLO, Pietro, Guiseppe** [IT/IT]; Via Chichignolo, 19, I-12048 Sommariva Bosco (IT).

- (74) **BUZZI, Franco et al. / etc.;** Buzzi, Notaro & Antonielli d'Oulx Srl, Via Maria Vittoria, 18, I-10123 Torino (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR 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 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)⁷ **A01K 67/027, 67/00, C08G 75/00, C12N 15/00, C12Q 1/68**
- (11) **WO 03/079776** (13) A2
- (21) PCT/EP03/03089
- (22) **25 Mar/mar 2003 (25.03.2003)**
- (25) en (26) en
- (30) 60/368,616 **27 Mar/mar 2002 US (27.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • IDENTIFICATION OF THE FLT1 GENE REQUIRED FOR ANGIOGENESIS IN ZEBRAFISH, AND USES THEREOF
- IDENTIFICATION DU GENE FLT1 REQUIS POUR L'ANGIOGENESE DANS LE POISSON ZEBRE, ET UTILISATIONS ASSOCIEES
- (71) **EXELIXIS DEUTSCHLAND GMBH** [DE/DE]; Spemannstr. 35, 72076 Tübingen (DE).
- (72) **HABECK, Hinrich, Alexander;** Aischbachstr. 9/1, 72070 Tübingen (DE). **SCHULTE-MERKER, Stephan;** Kronenstr. 17, 72070 Tübingen (DE).
- (74) **HELBING, Jörg et al. / etc.;** Von Kreisler Seltling Werner, Postfach 10 22 41, 50462 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A01K 91/18**
- (11) **WO 03/079777** (13) A1
- (21) PCT/NO03/00075
- (22) **5 Mar/mar 2003 (05.03.2003)**
- (25) no (26) en
- (30) 20021097 **5 Mar/mar 2002 NO (05.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DEVICE AND METHOD FOR ARRANGING A LONGLINE INCLUDING BAIT IN A LONGLINE CONTAINER
- DISPOSITIF ET PROCEDE PERMETTANT DE DISPOSER UNE PALANGRE COMPORTANT DES APPATS DANS UN RECIPIENT POUR PALANGRE
- (71) **BJØRSHOL INTERNATIONAL** [NO/NO]; Langoyneset, N-6530 Averøy (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BJØRSHOL, Kolbjørn** [NO/NO]; Langoyneset, N-6530 Averøy (NO). **STAURNES, Harald, Kåre** [NO/NO]; Kårvåg, N-6530 Averøy (NO).
- (74) **AS BERGEN PATENTKONTOR;** P.O. Box 1998, Nordnes, N-5817 Bergen (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 HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A01M 29/00, 1/20, 1/14, A61L 9/12**
- (11) **WO 03/079778** (13) A1
- (21) PCT/GB03/01141
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) en (26) en
- (30) 0206745.2 **22 Mar/mar 2002 GB (22.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DETERRENT
- ELEMENT DE DISSUASION
- (71) **GREEN B'S LTD** [GB/GB]; 55 Kingfisher Grove, Coppice Farm, Willenhall, West Midlands, WV12 5HG (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BUTLER, Martin** [GB/GB]; Green B's Ltd, 55 Kingfisher Grove, Coppice Farm, Willenhall, West Midlands, WV12 5HG (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A01M 31/00, 1/02, 1/20**
- (11) **WO 03/079779** (13) A1
- (21) PCT/US03/08690
- (22) **21 Mar/mar 2003 (21.03.2003)**
- (25) en (26) en
- (30) 10/103,460 **21 Mar/mar 2002 US (21.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND DEVICE TO CONTROL PESTS
- PROCEDE ET DISPOSITIF DE CONTROLE DE PARASITES
- (71) **DOW AGROSCIENCES LLC** [US/US]; 9330 Zionsville Road, Indianapolis, IN 46268 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BARBER, Daniel, T.** [US/US]; 31090 Big River Court, Coarsegold, CA 93614 (US). **BLACK, Don** [US/US]; 64 Temple Peak Lane, Boulder, WY 82923 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A01N 25/00, 25/34, A01M 1/24, C09D 5/14, D06M 15/00, E04B 1/72, E04H 9/16**
- (11) **WO 03/079780** (13) A1
- (21) PCT/AU03/00368
- (22) **27 Mar/mar 2003 (27.03.2003)**
- (25) en (26) en
- (30) PS 1423 **27 Mar/mar 2002 AU (27.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TERMITE AND WATERPROOF BARRIER
- BARRIERE ETANCHE ANTI-TERMITES
- (71) **HANNAY, Kim, Maria** [AU/AU]; Unit 3, 17 Chestnut Road, Port Macquarie, NSW 2444 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **HANNAY, Philip** [AU/AU]; Unit 3, 17 Chestnut Road, Port Macquarie, NSW 2444 (AU). **FRANKLIN, Roger, W.** [AU/AU]; 6 Flindell street, O'Connor, W.A. 6163 (AU). **JEYNES, Paul** [AU/AU]; 63 Errol Avenue, Paradise Point, QLD 4216 (AU).
- (74) **COLLISON & CO;** 117 King William Road, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A01N 25/10, 25/08, 59/16 // (A01N 25/10, 59:16, 25:08) (A01N 25/08, 59:16)

(11) WO 03/079781 (13) A1

(21) PCT/GB03/01070

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 0206970.6 25 Mar/mar 2002 GB (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MOLLUSCICIDE DELIVERY SYSTEM
• SYSTEME DE DISTRIBUTION MOL-
LUSCICIDE

(71) NU-TREL PRODUCTS LTD. [GB/GB]; Park Farm, Kettlethorpe, Lincoln LN1 2LD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCLAUCHLIN, Andrew, R. [GB/GB]; 5 Bryn Geraint, St Anns, Bethesda, Nr. Bangor, North Wales LL57 4AZ (GB).

(74) HAMILTON, Alistair; Ty Eurgain, Cefn Eurgain Lane, Rhosesmor, Nr. Mold, Flintshire, North Wales CH7 6PG (GB).

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

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

Published / Publiée : (c)

(51)⁷ A01N 25/10, 25/08, 59/16 // (A01N 25/10, 59:16, 25:08) (A01N 25/08, 59:16)

(11) WO 03/079782 (13) A1

(21) PCT/GB03/01089

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 0206970.6 25 Mar/mar 2002 GB (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MOLLUSCICIDE DELIVERY SYSTEM

• SYSTEME DE DISTRIBUTION MOL-
LUSCICIDE

(71) NU-TREL PRODUCTS LTD. [GB/GB]; Park Farm, Kettlethorpe, Lincoln LN1 2LD (GB).

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

(72, 75) McLAUCHLIN, Andrew, R. [GB/GB]; 5 Bryn Geraint, St. Anns, Bethesda, Nr. Bangor, North Wales LL57 4AZ (GB).

(74) HAMILTON, Alistair; Ty Eurgain, Cefn Eurgain Lane, Rhosesmor, Nr. Mold, Flintshire, North Wales CH7 6PG (GB).

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

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

(51)⁷ A01N 25/14

(11) WO 03/079783 (13) A1

(21) PCT/JP03/03844

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(30) 2002-087474 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • GRANULATED WETTABLE POWDER
• POUDRE MOUILLABLE GRANULEE

(71) KUMIAI CHEMICAL INDUSTRY CO., LTD. [JP/JP]; 4-26, Ikenohata 1-chome, Taitoh-ku, Tokyo 110-8782 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KURITA, Kazunori [JP/JP]; c/o Kumiai Chemical Industry Co., Ltd., 4-26, Ikenohata 1-chome, Taitoh-ku, Tokyo 110-0008 (JP). MISUMI, Yuji [JP/JP]; c/o Kumiai Chemical Industry Co., Ltd., 4-26, Ikenohata 1-chome, Taitoh-ku, Tokyo 110-0008 (JP). OZAKI, Eisuke [JP/JP]; c/o Kumiai Chemical Industry Co., Ltd., 4-26, Ikenohata 1-chome, Taitoh-ku, Tokyo 110-0008 (JP). IKEUCHI, Toshihiro [JP/JP]; c/o Kumiai Chemical Industry Co., Ltd., 4-26, Ikenohata 1-chome, Taitoh-ku, Tokyo 110-0008 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

(51)⁷ A01N 35/06, 37/48, 43/40, 43/54, 43/56, 43/713, 43/82, 43/86, 47/16, 47/22, 47/36, 57/12, 57/30, 57/32

(11) WO 03/079784 (13) A1

(21) PCT/JP03/03541

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(30) 2002-88886 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HERBICIDAL COMPOSITION AND METHOD OF WEEDING WITH THE SAME

• COMPOSITION HERBICIDE ET PRO-
CEDE DE DESHERBAGE METTANT
EN OEUVRE CETTE COMPOSITION

(71) KUMIAI CHEMICAL INDUSTRY CO., LTD. [JP/JP]; 4-26, Ikenohata 1-chome, Taito-ku, Tokyo 110-8782 (JP).

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

(72, 75) KAWASAKI, Hiroshi [JP/JP]; c/o KUMIAI CHEMICAL INDUSTRY CO., LTD., 4-26, Ikenohata 1-chome, Taito-ku, Tokyo 110-8782 (JP). MIYAZAWA, Takeshige [JP/JP]; c/o KUMIAI CHEMICAL CO., LTD., 4-26, Ikenohata 1-chome, Taito-ku, Tokyo 110-8782 (JP).

(74) AGATA, Akira et al. / etc.; Agata Patent Office, 3rd Floor, Ikenden Building, 12-5, Shimobashi 2-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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A01N 43/16

(11) WO 03/079785 (13) A1

(21) PCT/FR03/00969

(22) 27 Mar/mar 2003 (27.03.2003)

(25) fr (26) fr

(30) 02/03849 27 Mar/mar 2002 FR (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • USE OF COMPOUNDS COMPRISING A POLYSACCHARIDE STRUCTURE AS BIOFERTILISER AND PHYTOSANITARY PRODUCTS

• UTILISATION DE COMPOSES COM-
PRENANT UNE STRUCTURE OSI-
DIQUE EN TANT QUE PRODUITS
PHYTOSANITAIRES ET BIOFERTILI-
SANTS

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75794 Paris CEDEX 16 (FR).

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

(72, 75) LIENART, Yvette, Janine [FR/FR]; St Nizier d'Uriage, F-38410 Uriage (FR). HEYRAUD, Alain, Charles, Abel [FR/FR]; 6, côte du Verdaret, F-38113 Veuret-Voroize (FR).

(74) DEMACHY, Charles; Grosset-Fournier & Demachy SARL, 54, rue Saint-Lazare, F-75009 Paris (FR).

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

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

Published / Publiée : (c)

(51)⁷ A01N 43/16

(11) WO 03/079786 (13) A1

(21) PCT/US03/08516

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/366,147 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DIHYDRONPETALACTONE AS INSECT REPELLENT

• DIHYDRONPETALACTONE UTILISÉ EN TANT QU'INSECTIFUGE

(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) HALLAHAN, David, L. [US/US]; 5117 New Kent 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A01N 43/40, C07D 401/12

(11) WO 03/079787 (13) A1

(21) PCT/US03/08186

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/365,766 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYNERGISTIC FUNGICIDE COMPOSITIONS CONTAINING AT LEAST ONE N-(2-PYRIDINYL)METHYL-3-PYRIDINECARBOXAMIDE DERIVATIVE AND ONE OR MORE FURTHER FUNGICIDES USEFUL FOR CONTROLLING FUNGAL PLANT DISEASES

• COMPOSITIONS FONGICIDES SYNERGETIQUES CONTENANT AU MOINS UN DERIVE DE N-(2-PYRIDINYL)METHYL-3-PYRIDINECARBOXAMIDE ET AU MOINS UN AUTRE FONGICIDE UTILISE POUR LUTTER CONTRE LES MYCOSES DES VEGETAUX

(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) FOOR, Stephen, Ray [US/US]; 508 Hemingway Drive, Hockessin, DE 19707 (US). WALKER, Michael, Paul (DECEASED) [US/US]; 137 Thompson Circle, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A01N 43/40, 47/02, C07D 213/65, 213/61, 213/70, 213/71 // (A01N 43/40, 61:00, 57:12, 47:42, 47:34, 47:14, 47:04, 43:90, 43:84, 43:76, 43:653, 43:54, 43:50, 43:40, 37:50, 37:46)

(11) WO 03/079788 (13) A2

(21) PCT/US03/08205

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/365,764 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BENZAMIDES AND ADVANTAGEOUS COMPOSITIONS THEREOF FOR USE AS FUNGICIDES

• BENZAMIDES ET COMPOSITIONS AVANTAGEUSES LES CONTENANT A UTILISER COMME FONGICIDES

(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) WALKER, Michael, Paul (deceased / décédé).

(72, 75) FOOR, Stephen, Ray [US/US]; 508 Hemingway Drive, Hockessin, DE 19707 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A01N 43/707, 41/10 // (A01N 43/707, 41:10)

(11) WO 03/079789 (13) A1

(21) PCT/EP03/02416

- (22) 10 Mar/mar 2003 (10.03.2003)
(25) de (26) de
(30) 102 12 887.1 22 Mar/mar 2002 DE (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • SELECTIVE HERBICIDES BASED ON SUBSTITUTED AMINOTRIAZINONES AND SUBSTITUTED BENZOYL CYCLOHEXANDIONES
• HERBICIDES SELECTIFS A BASE D'AMINOTRIAZINONES SUBSTITUES ET DE BENZOYL CYCLOHEXANEDIONES SUBSTITUES
(71) BAYER CROPS SCIENCE AKTIENGESELLSCHAFT [DE/DE]; Alfred-Nobel-Str. 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). MEYER, Joachim [DE/DE]; Am Thelenhof 33, 51377 Leverkusen (DE). FANICA, Olivier [FR/FR]; 23 rue Numa Gillet, F-77690 Montigny-sur-Loing (FR).
(74) BAYER CROPS SCIENCE AKTIENGESELLSCHAFT; Law 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

Declarations / Déclarations :

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

- (51)⁷ A01N 43/78
(11) WO 03/079790 (13) A1
(21) PCT/EP03/03193
(22) 21 Mar/mar 2003 (21.03.2003)
(25) en (26) en
(30) MI2002A000624 26 Mar/mar 2002 IT (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • COMPOSITIONS WITH A BIOSTIMULATING ACTIVITY
• COMPOSITIONS A ACTIVITE BIOSTIMULANTE
(71) ISAGRO S.P.A. [IT/IT]; Via F. Casati, 20, I-20124 Milan (IT).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BONFIGLIOLI, Mauro [IT/IT]; Via Montilgallo, 1336, I-47020 Longiano-Forlì (IT). FILIPPINI, Lucio [IT/IT]; Via Morandi, 13, I-20097 San Donato Milanese (IT).
(74) DE GREGORI, Antonella et al. / etc.; Ing. Barzanó & Zanardo Milano S.p.A., Via Borgonuovo, 10, I-20121 Milan (IT).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ A01N 47/36 // 47:36, 43:42, 25:32
(11) WO 03/079791 (13) A1
(21) PCT/EP03/02924
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
(30) 495/02 21 Mar/mar 2002 CH (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • HERBICIDAL COMPOSITION
• COMPOSITION HERBICIDE
(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) BRANDL, Matthias [DE/CH]; Syngenta Crop Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH).
(74) SYNGENTA PARTICIPATIONS AG; Intellectual Property, P.O. Box, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- CI CM GA GN GQ GW ML MR NE SN TD TG).
Published / Publiée : (c)
(51)⁷ A01N 63/00, A61K 39/02, 39/108, 39/112, C12P 21/06
(11) WO 03/079792 (13) A1
(21) PCT/US03/08900
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
(30) 60/366,346 21 Mar/mar 2002 US (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHODS AND COMPOSITIONS FOR VACCINATION AGAINST OR INVOLVING ENTEROBACTERIACEAE BACTERIA
• METHODES ET COMPOSITIONS DE VACCINATION CONTRE DES BACTERIES DE LA FAMILLE DES ENTEROBACTERIACEAE OU UTILISANT CES BACTERIES
(63) US 60/366,346 (CIP) 21 Mar/mar 2002 (21.03.2002)
(71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 201 West 7th Street, Austin, TX 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) KLIMPEL, Gary [—/US]; 4805 Cherry, Santa Fe, TX 77517 (US). CHOPRA, Ashok, K. [—/US]; 3120 Bar Spring Drive, League City, TX 77573 (US). SHA, Jian [—/US]; 810 Ferry Road #213, Galveston, TX 77550 (US). NIESEL, David [—/US]; 300 Oak Drive, Friendswood, TX 77546 (US).
(74) LANDRUM, Charles, P.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
Published / Publiée : (c)
(51)⁷ A01N 63/02
(11) WO 03/079793 (13) A1
(21) PCT/IB02/01153
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • COMPOSITION COMPRISING ZOANTHUS SP. EXTRACT WITH

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)⁷ A01N 65/00 // (A01N 65/00, 65:00)

(11) WO 03/079796 (13) A1

(21) PCT/IB03/00068

(22) 14 Jan/jan 2003 (14.01.2003)

(25) en (26) en

(30) 10/103,352 21 Mar/mar 2002 US
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HERBAL SYNERGISTIC FORMU-
LATION EFFECTIVE AGAINST
MOSQUITO-LARVAE AND USE
THEREOF IN CONTROLLING
MALARIAL VECTOR

• PREPARATION SYNERGIQUE A BASE
DE PLANTES MEDICINALES EF-
FICACE CONTRE LES LARVES DE
MOUSTIQUE, ET UTILISATION DE
CETTE PREPARATION POUR LUTTER
CONTRE LE VECTEUR DU PALU-
DISME

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

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

(72, 75) TRIPATHI, Arun, Kumar [IN/IN];
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Plants, P.O. CIMAP, Lucknow 226 015, Uttar
Pradesh (IN). PRAJAPATI, Veena [IN/IN];
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Plants, P.O. CIMAP, Lucknow 226 015, Uttar
Pradesh (IN). KHANUJA, Suman, Preet,
Singh [IN/IN]; Central Institute of Medicinal
and Aromatic Plants, P.O. CIMAP, Lucknow
226 015, Uttar Pradesh (IN).

(74) SRINIVASAN, Thiagarajan; Kumaran &
Sagar, 84-C, C6 Lane, Off Central Avenue,
Sainik Farms, New Delhi 110 062 (IN).

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

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

Declaration / Déclaration :

(f) for all designations / pour toutes les
désignations

(51)⁷ A21C 11/00, A21B 1/48

(11) WO 03/079797 (13) A1

(21) PCT/US03/08447

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/365,409 19 Mar/mar 2002 US
(19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TORTILLA PRESSING APPARATUS
AND METHOD

• DISPOSITIF ET PROCEDE SERVANT A
APLATIR DES TORTILLAS

(71) TYSON FOODS, INC. [US/US]; 2210 W.
Oaklawn, Springdale, AR 72762-6999 (US).

(71, 72) MADAY, Raymond, C. [US/US]; 2679
Dewberry Court, Fayetteville, AR 72701
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3615 Laurel Ridge, Springdale, AR 72764
(US). SILVESTER, John, M. [US/AU]; 29
Belcaro Street, Upper Mount Gravatt, 4122
Queensland (AU). DARGUSCH, Adam, G.
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4053 Queensland (AU).

(74) BROWN, Dennis, D.; Fellers, Snider,
Blankenship, Bailey & Tippens, P.C.,
Suite 800, 321 South Boston, Tulsa, OK
74103-3318 (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 NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ A21D 10/00

(11) WO 03/079798 (13) A1

(21) PCT/US03/07755

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 10/100,427 18 Mar/mar 2002 US
(18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DOUGH INTERMEDIATE

• INTERMEDIAIRE DE PATE

(71) THE PILLSBURY COMPANY [US/US];
Number One General Mills Boulevard, P.O.
Box 1113, Minneapolis, MN 55440 (US).

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

(72, 75) GOEDEKEN, Doug, L. [US/US];
13237 Mankato Street N.E., Blaine, MN
55449 (US). LONERGAN, Dennis, A.
[US/US]; 1825 County Road 24, Medina,
MN 55356 (US). SIERZANT, Rosebud,
L. [US/US]; 3542 N.E. 2 1/2 Street, Min-
neapolis, MN 55418 (US). BOYLE, Janet,
L. [US/US]; 144 Fairview Avenue South, St.
Paul, MN 55105 (US).

(74) MAIER, Michael, C. et al. / etc.; Number
One General Mills Boulevard, P.O. Box 1113,
Minneapolis, MN 55440 (US).

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

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

(51)⁷ A22B 1/00, 5/02

(11) WO 03/079799 (13) A1

(21) PCT/DK03/00203

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) PA 2002 00465 27 Mar/mar 2002 DK
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ARRANGEMENT AND METHOD
FOR DIVISION OF ANIMALS INTO
GROUPS AND TRANSFER OF
GROUPS OF ANIMALS TO A STUN-
NING APPARATUS

• DISPOSITIF ET PROCEDE DE SEPA-
RATION D'ANIMAUX EN GROUPES
ET DE TRANSFERT DE GROUPES
D'ANIMAUX VERS UN DISPOSITIF
D'ETOURDISSEMENT

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

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

(72, 75) CHRISTENSEN, Leif [DK/DK]; Irisvej
18, DK-3500 Vaerloese (DK).

(74) SLAGTERIERNES FORSKNINGSIN-
STITUT; 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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A22C 9/00

(11) WO 03/079800 (13) A1

(21) PCT/EP03/02941

(22) 20 Mar/mar 2003 (20.03.2003)

(25) de (26) de

(30) 102 12 881.2 22 Mar/mar 2002 DE
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR FLATTENING FOOD-STUFFS, IN PARTICULAR PIECES OF MEAT

• PROCEDE D'APLATTISSEMENT DE DENREES ALIMENTAIRES, EN PARTICULIER DE MORCEAUX DE VIANDE

(71, 72) VÖLKL, Thomas [DE/DE]; Am Wald 6, 83052 Bruckmühl (DE).

(74) FLACH, Dieter; Andrae-Flach-Haug, Adlzreiterstrasse 11, 83022 Rosenheim (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 (Utility model / modèle d'utilité) CZ DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A22C 17/02, B26D 7/01 // A22C 21/00

(11) WO 03/079801 (13) A1

(21) PCT/IS03/00014

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 6321 21 Mar/mar 2002 IS (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A METHOD AND DEVICE FOR CUTTING OBJECTS INTO FIXED PORTIONS

• PROCEDE ET DISPOSITIF DE DECOUPE D'OBJETS EN PORTIONS DEFINIES

(71) MAREL HF, [IS/IS]; Austurhrauni 9, IS-210 Gardabaer (IS).

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

(72, 75) SVERRISSON, Ragnar [IS/IS]; Eiríks-gotu 13, IS-101 Reykjavík (IS). HALLVARDSSON, Kristján [IS/IS]; Birkilundi 29, IS-200 Kópavogur (IS).

(74) A & P ARNASON; Efstaleiti 5, IS-103 Reykjavík (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A23D 9/013, A21D 13/08, 2/16

(11) WO 03/079802 (13) A1

(21) PCT/IB02/01123

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SHORTENING BASED EMULSIFYING FORMULATION FOR THE PREPARATION OF CAKES AND ITS METHOD

• FORMULE EMULSIFIANTE A BASE DE GRAISSE CULINAIRE POUR PREPARATION DE PATISSERIES ET PROCEDE DE PRODUCTION

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

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

(72, 75) RAJIV, Jyotsna [IN/IN]; Central Food Technological Research Institute, Mysore 570 013, Karnataka (IN). PRABHASANKAR, Pichan [IN/IN]; Central Food Technological Research Institute, Mysore 570 013, Karnataka (IN). INDRANI, Dasappa [IN/IN]; Central Food Technological Research Institute, Mysore 570 013, Karnataka (IN). RAO, Gandham, Venkateswara [IN/IN]; Central Food Technological Research Institute, Mysore 570 013, Karnataka (IN).

(74) GABRIEL, DEVADOSS, CALAB; Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 064 (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 CH CY DE DK ES FI FR GB GR HU 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 HU 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); (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 HU 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); (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 HU 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); (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 HU 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)⁷ A23G 3/20, A23P 1/08

(11) WO 03/079803 (13) A2

(21) PCT/GB03/01176

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 0206540.7 20 Mar/mar 2002 GB (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COATING OF FOOD PRODUCTS

• ENROBAGE DE PRODUITS ALIMENTAIRES

(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) BROWN, Peter, Arthur [GB/GB]; 41 Springwood Street, Temple Normanton, Chesterfield S42 5DN (GB). PRANGE, Anthony, John [GB/GB]; 5 Walcot Walk, Netherton, Peterborough PE3 3QE (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

- NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A23G 9/02, 9/00
- (11) WO 03/079804 (13) A1
- (21) PCT/US03/08003
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 60/365,751 18 Mar/mar 2002 US (18.03.2002)
- (30) 10/175,384 18 Jun/juin 2002 US (18.06.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FAT BASED GANACHE COATING FOR THE SURFACE OF PACKAGED FROZEN PRODUCTS
- ENROBAGE DE GANACHE A BASE DE MATIERE GRASSE POUR LA SURFACE DE PRODUITS CONGELES EMBALLES
- (71) MARS, INCORPORATED [—/US]; 6885 Elm Street, McLean, VA 22101-3883 (US).
- (72) HELFERICH, John, D.; 16 Chilton Road, Chester, NJ 07930 (US). BENSON, Richard, W.; 433 Buena Road, Lake Forest, IL 60045 (US). SARAN, Laura; 2901 71st Street, Woodridge, IL 60517 (US).
- (74) MANDRA, Raymond, R. et al. / etc.; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A23J 3/16, 1/14
- (11) WO 03/079806 (13) A1
- (21) PCT/IB02/01128
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • AN IMPROVED PROCESS FOR THE PREPARATION OF SOY PROTEIN CONCENTRATE WITH IMPROVED FUNCTIONAL PROPERTIES
- PROCEDE AMEIORE DESTINE A LA PREPARATION DE CONCENTRE DE PROTEINE DE SOJA POSSEDANT DES PROPRIETES FONCTIONNELLES AMEIOREES
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; an Indian Registered body incorporated under the Registration of Societies Act (Act XXI of 1860), Rafi Marg, 110 001 New Delhi (IN). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SWAMYLINGAPPA, Bhagya [IN/IN]; Central Food Technological Research Institute, Mysore, 570 013 Karnataka (IN). RAO, Appu, Rao, Gopala, Rao, Appu [IN/IN]; Central Food Technological Research Institute, Mysore, 570 013 Karnataka (IN). PRAKASH, Vishweshwariah [IN/IN]; Central Food Technological Research Institute, Mysore, 570 013 Karnataka (IN).
- (74) GABRIEL, DEVADOSS, CALAB; KUMARAN & SAGAR, 84-C, C6 LANE, OFF CENTRAL AVENUE, SAINIK FARMS, 110 064 NEW DELHI (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A23J 3/06, C12P 21/00, C09H 7/00
- (11) WO 03/079805 (13) A1
- (21) PCT/NL03/00076
- (22) 4 Feb/fév 2003 (04.02.2003)
- (25) nl (26) en
- (30) 1019932 8 Feb/fév 2002 NL (08.02.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CROSS-LINKED GELATIN
- GELATINE RETICULEE
- (71) NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO [NL/NL]; Schoemakerstraat 97, NL-2628 VK Delft (NL). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DE JONG, Govardus, Adrianus, Hubertus [NL/NL]; Pastorielaan 111, NL-3828 EZ Hoogland (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 SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 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 HU 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); (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 HU 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); (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 HU 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)⁷ A23K
- (11) WO 03/079807 (13) A2
- (21) PCT/US03/07975
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) en (26) en
- (30) 60/365,270 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CHEW TOY HOLDING APPARATUS
- DISPOSITIF DE RETENUE D'UN JOUET A MACHER
- (71, 72) BADER, Michael, P. [US/US]; 332 Norris Hall Lane, Jeffersonville, PA 19403 (US).
- (74) POWERS, Joseph, A.; 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 SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A23K 1/10, 1/00, 3/00, A23P 1/02, A23L 1/30
- (11) WO 03/079808 (13) A1
- (21) PCT/EP03/03018
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) en (26) en
- (30) 102 13 280.1 25 Mar/mar 2002 DE (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROTEIN-CONTAINING FOOD PRODUCT AND METHOD OF PREPARING SAME
- PRODUIT ALIMENTAIRE CONTENANT DES PROTEINES ET SON PROCEDE DE PREPARATION
- (71) MARS INCORPORATED [US/US]; 6885 Elm Street, McLean, VA 22101-3883 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHMIDT, Siegfried [DE/DE]; Weizenmüllerstrasse 96, 27283 Verden (DE). PANNEVIS, Marinus [NL/DE]; Goethesstrasse 24, 27283 Verden (DE).
- (74) WINKLER, Andreas et al. / etc.; Boehmert & 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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A23K 1/18
- (11) WO 03/079809 (13) A1
- (21) PCT/NO02/00121
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FEED PELLETS AND A METHOD FOR MANUFACTURE OF SAID PELLETS
- GRANULES D'ALIMENTS POUR ANIMAUX ET PROCEDE DE PRODUCTION DESDITS GRANULES
- (71) BIOMAR GROUP [DK/DK]; Mylius Erichsensvej 35, DK-7330 Brande (DK). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HJERMITSLEV, Niels, Harthøj [DK/DK]; Vejlevej 31, DK-7300 Jelling (DK). JENSEN, Torben, Duedal [DK/DK]; Alkærlundvej 46, DK-7330 Brande (DK). RIMESTAD, Terje [NO/NO]; Jærv. 166, N-4340 Bryne (NO).
- (74) SUNDNES, Arne; Norsk Hydro ASA, N-0240 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 VN YU ZA ZM ZW.
- (84) AP (GH GM 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 HU 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)⁷ A23K 1/18
- (11) WO 03/079810 (13) A1
- (21) PCT/US03/07278
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 60/365,182 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MICROALGAL FEEDS CONTAINING ARACHIDONIC ACID AND THEIR PRODUCTION AND USE
- ALIMENTS A BASE DE MICROALGUES CONTENANT DE L'ACIDE ARACHIDONIQUE ET LEUR PROCEDE DE PRODUCTION ET D'UTILISATION
- (71, 72) KYLE, David, J. [US/US]; 6420 Dobbin Road, Columbia, MA 21045 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
-
- (51)⁷ A23K 1/18, 1/16, A23J 1/12, 1/14
- (11) WO 03/079811 (13) A2
- (21) PCT/US03/08321
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 60/351,953 20 Mar/mar 2002 US (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HIGH PROTEIN CONCENTRATE FROM CEREAL GRAIN AND METHODS OF USE THEREOF
- CONCENTRE A HAUTE TENEUR EN PROTEINES A PARTIR DE GRAINES DE CEREALES ET PROCEDE D'UTILISATION
- (71, 72) STIEFEL, Michael [US/US]; Michael Stiefel, 4157 Panorama Drive, Panora, IA 50216-8636 (US). STRISSEL, Jerry, F. [US/US]; Jerry F. Strissel, 1605 12th Street, Harlan, IA 51537-2016 (US).
- (74) NEBEL, Heidi, S.; McKee, Voorhees & Sease, PLC, 801 Grand Avenue, Suite 3200, Des Moines, IA 50309 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A23L 1/06, 1/05, A61K 35/78
- (11) WO 03/079812 (13) A1
- (21) PCT/IB02/00976
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HERBAL NUTRACEUTICALS AND A PROCESS FOR PREPARING THE SAME
- ALIMENTS FONCTIONNELS D'ORIGINE VEGETALE ET PROCEDE DE PREPARATION CORRESPONDANT
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN). (for all designated States except / pour tous les États désignés sauf US)
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(74) GABRIEL, DEVADOSS, CALAB, KUMARAN & SAGAR; 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).

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

(84) AP (GH GM 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)

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 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)⁷ A23L 1/164, 1/20, 1/36

(11) WO 03/079813 (13) A1

(21) PCT/IB02/01106

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A HIGH ENERGY HIGH PROTEIN FOOD PRODUCT AND A PROCESS FOR PREPARING THE SAME

• ALIMENT A HAUTE VALEUR ENERGETIQUE RICHE EN PROTEINES ET PROCEDE PERMETTANT DE PREPARER CET ALIMENT

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN). (for all designated States except / pour tous les États désignés sauf US)

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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 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 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)

(51)⁷ A23L 1/187

(11) WO 03/079814 (13) A1

(21) PCT/IB02/00964

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • NUTRITIOUS PUDDING WITH ENHANCED SHELF LIFE AND METHOD OF PREPARATION

• FLAN NUTRITIF A MEILLEURE DUREE DE CONSERVATION ET PROCEDE DE PREPARATION

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN). (for all designated States except / pour tous les États désignés sauf US)

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Ramaswamy [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). RAVI, Ramasamy [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). BHAT, Kodangala, Keshava [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN).

(74) GABRIEL, DEVADOSS, CALAB, KUMARAN & SAGAR; 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).

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

(84) AP (GH GM 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)

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); (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); (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); (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)

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)⁷ A23L 1/20, 1/305, 1/164, 1/217, 1/36

(11) WO 03/079815 (13) A1

(21) PCT/IB02/01154

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A PROCESS FOR THE PREPARATION OF SOY BASED LOW-FAT AND HIGH PROTEIN SNACK

- PROCEDE DE PREPARATION D'UN PRODUIT DE GRIGNOTAGE A BASE DE SOJA A FAIBLE TENEUR EN MATIERE GRASSE ET HAUTE TENEUR EN PROTEINES

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

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(74) GABRIEL, Devadoss, Calab; Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).

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

(84) AP (GH GM 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); (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); (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); (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)⁷ A23L 1/212, 1/275, C09B 61/00, 67/54

(11) WO 03/079816 (13) A1

(21) PCT/EP03/02749

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) MI2002A 000632 27 Mar/mar 2002 IT (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A PROCESS FOR THE PREPARATION OF TOMATO EXTRACTS WITH HIGH CONTENT IN LYCOPENE

- PROCEDE POUR PREPARER DES EXTRAITS DE TOMATE QUI ONT UNE TENEUR ELEVEE EN LYCOPENE

(71) INDENA S.P.A. [IT/IT]; Viale Orties, 12, 20139 Milano (IT).

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(74) MINOJA, Fabrizio et al. / etc.; Bianchetti Bracco Minoja S.r.l., Via Rossini 8, 20122 Milano (IT).

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

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

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(51)⁷ A23L 1/237, 1/30

(11) WO 03/079817 (13) A1

(21) PCT/IN02/00074

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PREPARATION OF NUTRIENT RICH SALT OF PLANT ORIGIN

- PREPARATION D'UN SEL RICHE EN ELEMENTS NUTRITIFS D'ORIGINE VEGETALE

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; an Indian Registered body incorporated under the Registration of Societies Act (Act XXI of 1860), Rafi Marg, 110 001 New Delhi (IN). (for all designated States except / pour tous les États désignés sauf 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

(54) • PROCESS FOR PREPARING READY-TO-DRINK SHELF STABLE SUGARCANE JUICE BEVERAGE

- PROCEDE DE PREPARATION D'UNE BOISSON DE JUS DE CANNE A SUCRE DE LONGUE CONSERVATION ET PRETE A BOIRE

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

(72) SINGH, Iboyaima; Central Food Technological Research Institute, Mysore, Karnataka (IN). MYSORE, Nagarajarao, Ramesh; Central Food Technological Research Institute, Mysore, Karnataka (IN). BORSE, Babasaheb, Bhaskarrao; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). KULATHOORAN, Ramalakshmi; Central Food Technological Research Institute, Mysore, Karnataka (IN). BASHYAM, Raghavan; Central Food Technological Research Institute, Mysore, Karnataka (IN). VISHWESHWARAI AH, Prakash; Central Food Technological Research Institute, Mysore, Karnataka (IN).

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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 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)⁷ A23L 3/00, 3/358, A47G 19/00

(11) WO 03/079824 (13) A1

(21) PCT/JP02/03024

(22) 27 Mar/mar 2002 (27.03.2002)

(25) ja (26) ja

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR PRESERVING FOOD USING METAL-MODIFIED APATITE AND FOOD CONTAINER USED THEREIN

- PROCÉDÉ DE CONSERVATION D'ALIMENTS AU MOYEN D'APATITE MODIFIÉE PAR UN MÉTAL, ET RÉCIPIENT ALIMENTAIRE UTILISÉ À CET EFFET

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(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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ A23N 1/00

(11) WO 03/079825 (13) A1

(21) PCT/IB03/01081

(22) 24 Mar/mar 2003 (24.03.2003)

(25) it (26) en

(30) MI2002A000619 25 Mar/mar 2002 IT (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FRUIT JUICING MACHINE, PARTICULARLY FOR CITRUS FRUITS, WITH WASHING DEVICE

- APPAREIL PERMETTANT DE PRESSER LES FRUITS MUNI D'UN DISPOSITIF DE NETTOYAGE CONÇU NOTAMMENT POUR LES AGRUMES

(71, 72) GURRIERI, Michele [IT/CH]; Opfikonstrasse 21, CH-8304 Wallisellen (CH).

(74) MODIANO, Guido; Modiano & Associati, Via Meravigli, 16, 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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(51)⁷ A23P

(11) WO 03/079826 (13) A2

(21) PCT/DE03/00957

(22) 22 Mar/mar 2003 (22.03.2003)

(25) de (26) de

(30) 102 12 773.5 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR THE CONTROLLED FERMENTATION OF DRINKS BY MEANS OF SENSORS AND AUTOMATED ANALYTICAL METHODS

- PROCEDE DE FERMENTATION REGULÉE DE BOISSONS A L'AIDE DE CAPTEURS ET METHODES D'ANALYSE AUTOMATISEES

(71, 72) GRIEBEL, Matthias [DE/DE]; Omeroskopstrasse 17, 77855 Achern (DE).

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(74) FUCHS, MEHLER, WEISS & FRITZSCHE; Naupliastrasse 110, 81545 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A23P 1/12, A23L 1/12, 3/22

(11) WO 03/079827 (13) A1

(21) PCT/EP03/02699

(22) 14 Mar/mar 2003 (14.03.2003)

(25) de (26) de

(30) 02006492.9 22 Mar/mar 2002 EP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR PRODUCING A LOW-VISCOSITY PUREED FOODSTUFF

- PROCEDE DE FABRICATION D'UN ALIMENTS PEU VISQUEUX SE PRESENTANT SOUS FORME DE PUREE

(71) NESTEC S.A. [CH/CH]; Avenue Nestlé 55, CH-1800 Vevey (CH).

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(74) THOMAS, Alain; Avenue Nestlé 55, CH-1800 Vevey (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

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

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

(51)⁷ A24C 5/18, A24D 3/02

(11) WO 03/079828 (13) A1

(21) PCT/EP03/02267

(22) 6 Mar/mar 2003 (06.03.2003)

(25) de (26) de

(30) 102 12 740.9 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND DEVICE FOR THE CONTINUOUS COMPRESSION OF A STREAM OF MATERIAL IN THE TOBACCO-PROCESSING INDUSTRY
• PROCEDE ET DISPOSITIF DE COMPRESSION EN CONTINU D'UN FLUX D'UNE MATIERE DE L'INDUSTRIE DU TABAC

(71) HAUNI MASCHINENBAU AG [DE/DE]; Kurt-A.-Körber-Chaussee 8-32, 21033 Hamburg (DE).
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(72, 75) MÜLLER, Hans-Heinrich [DE/DE]; Hochkamp 38, 22113 Oststeinbek (DE).

(74) SEEMANN & PARTNER; Ballindamm 3, 20095 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A24D 3/06

(11) WO 03/079829 (13) A1

(21) PCT/IN03/00077

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 319/DEL/2002 26 Mar/mar 2002 IN (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BIODEGRADABLE DUAL DENSITY FILTER CIGARETTE
• CIGARETTE DOUBLE DENSITE BIODEGRADABLE, DONT LE BOUT PORTE AUX LEVRES A UNE DENSITE DE TABAC SUPERIEURE

(71) GODFREY PHILLIPS INDIA LIMITED [IN/IN]; 49, Community Centre, New Friends Colony, New Delhi 110 065 (IN).

(72) ATINDRANATH, Mittra, Pradip; 22, Apasara, Devidayal Road, Mulund, West Mumbai 400 080, Maharashtra (IN).

(74) BHATNAGAR, Mahendra, Prasad; Lall Lahiri & Salhotra, Plot No. B-28, Sector-32, Institutional Area, Gurgaon 122 002, Haryana (IN).

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

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

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(51)⁷ A24D 3/14, A24B 15/24

(11) WO 03/079830 (13) A1

(21) PCT/JP02/04678

(22) 15 May/mai 2002 (15.05.2002)

(25) ja (26) ja

(30) 2002-81729 22 Mar/mar 2002 JP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FILTER FOR CIGARETTE, AND CIGARETTE
• FILTRE DE CIGARETTE ET CIGARETTE

(71, 72) YAMASHITA, Hiromichi [JP/JP]; 27-16, Senriyama-nishi 4-chome, Suita-shi, Osaka 565-0851 (JP).

(74) KOTANI, Etsuji et al. / etc.; Nichimen Building 2nd Floor, 2-2, Nakanoshima 2-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (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 VN YU ZA ZM ZW.

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

(51)⁷ A41C 3/00

(11) WO 03/079831 (13) A1

(21) PCT/GB03/01338

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 0206816.1 22 Mar/mar 2002 GB (22.03.2002)

(30) 0229330.6 17 Dec/déc 2002 GB (17.12.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • UNDERCUP INSERT MEMBER
• PIECE RAPPORTEE DE TYPE BA-LEINE

(71) BG TECHNOLOGIES UK LIMITED [GB/GB]; 146 Station Road, Beeston, Nottingham NG9 2AY (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GILL, Kanwaljit, Singh [GB/GB]; BG Technologies (UK) Limited, 146 Station Road, Beeston, Nottingham NG9 2AY (GB).

(74) LOCK, Howard, John; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ A41D

(11) WO 03/079832 (13) A2

(21) PCT/BR03/00042

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) MU8201332-2 22 Mar/mar 2002 BR (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SWEAT-SHIRT, PANTS, SHORTS, SOCKS, LINGERIE, APPAREL ITEMS IN GENERAL AND SHOES TO BE COLORED

• SWEAT-SHIRT, PANTALONS, SHORTS, CHAUSSETTES, ARTICLES DE LINGERIE ET ARTICLES VESTIMENTAIRES EN GENERAL ET CHAUSSURES A COLORER

(71, 72) COSTA, Rossana Lins Affonso da, [BR/BR]; R. Castro Alves, 785 ap. 201, 80240-270 Curitiba (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A41D
(11) WO 03/079833 (13) A2
(21) PCT/US03/06614
(22) 4 Mar/mar 2003 (04.03.2003)
(25) en (26) en
(30) 60/365,402 18 Mar/mar 2002 US (18.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • SAFETY FILTRATION APPAREL
• ARTICLES A FILTRATION DE SECURITE

(71, 72) HAAGA, John, R. [US/US]; 4309 North Hilltop, Chagrin Falls, OH 44022 (US).

(74) VICKERS, Robert, V.; Fay, Sharpe, Fagan, Minnich & McKee, 1100 Superior Avenue, 7th Floor, Cleveland, OH 44114-2579 (US).

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

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

(51)⁷ A41D 13/00
(11) WO 03/079834 (13) A1
(21) PCT/US03/09135
(22) 21 Mar/mar 2003 (21.03.2003)
(25) en (26) en
(30) 60/367,190 21 Mar/mar 2002 US (21.03.2002)
(30) 10/393,748 20 Mar/mar 2003 US (20.03.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PANTS CONVERTIBLE INTO HAM-MOCK
• PANTALON CONVERTIBLE EN HAM-MAC

(71, 72) TADROS, Michael [US/US]; 1155 S. Barrington Avenue, #204, Los Angeles, CA 90049 (US).

(74) BEVERLY, Brian; Beeson Beverly, LLP, Suite 2360, One Kaiser Plaza, Oakland, CA 94612 (US).

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

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

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

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(51)⁷ A41D 19/00 // A61B 19/04, B65D 75/30
(11) WO 03/079835 (13) A1
(21) PCT/GB03/00574
(22) 11 Feb/fév 2003 (11.02.2003)
(25) en (26) en
(30) 0206809.6 22 Mar/mar 2002 GB (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • GLOVES FOR DOUBLE-GLOVING
• GANTS POUR DOUBLE GANTAGE

(71) NITRITEX LIMITED [GB/GB]; Minton Enterprise Park, Oaks Drive, Newmarket, Suffolk CB8 7YY (GB).
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(72, 75) WATTS, Derek, Colin [GB/GB]; 298 Hills Road, Cambridge CM2 2QG (GB).
KIRK, Harold, Scott [GB/GB]; 6 Hall Drive, Hardwick, Cambridgeshire CB3 7QN (GB).

(74) BRITTER, Keith, Palmer; Britter and Co., Enterprise House, 14b Whitehorse Street, Baldock, Hertfordshire SG7 6QN (GB).

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

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

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(22) 24 Mar/mar 2003 (24.03.2003)
(25) fr (26) fr
(30) 02/03644 22 Mar/mar 2002 FR (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND DEVICE FOR VIEWING, ARCHIVING AND TRANSMITTING A GARMENT MODEL OVER A COMPUTER NETWORK

• PROCEDE ET DISPOSITIF DE VISUALISATION, D'ARCHIVAGE ET DE TRANSMISSION SUR UN RESEAU D'ORDINATEURS D'UN MODELE DE VETEMENT

(71, 72) WANG, Kenneth, Kuk-Kei [GB/CN]; House 6, Green Villa, Lot 251 DD 223, 7-1/2M Clearwater Bay Road- Sai Kung, Kowloon,, Hong Kong (CN).

(74) DEGRET, Jacques; Cabinet Degret, 24, Place du Général Catroux, F-75017 Paris (FR).

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

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

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(51)⁷ A43B 5/04, 13/36, 13/12, 13/30
(11) WO 03/079837 (13) A1
(21) PCT/AT03/00082
(22) 25 Mar/mar 2003 (25.03.2003)
(25) de (26) de
(30) A 471/2002 26 Mar/mar 2002 AT (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SOLE STRUCTURE FOR A SKI BOOT
• STRUCTURE DE SEMELLE POUR CHAUSSURE DE SKI

(71) AULEI LEITNER & AUER OEG [AT/AT]; Brennerstrasse 59, A-6150 Steinach am Brenner (AT).
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(74) SONN & PARTNER; 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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

(51)⁷ A43B 5/04
(11) WO 03/079838 (13) A1
(21) PCT/AT03/00083
(22) 25 Mar/mar 2003 (25.03.2003)
(25) de (26) de
(30) A 470/2002 26 Mar/mar 2002 AT (26.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TRAINING SHOE, IN PARTICULAR SKI-SHOE
• CHAUSSURE DE SPORT, EN PARTICULIER CHAUSSURE DE SKI
- (71) AULEI LEITNER & AUER OEG [AT/AT]; Brennerstrasse 59, A-6150 Steinach am Brenner (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEITNER, Johann [AT/AT]; Sämerhof 46, A-6621 Bichlbach (AT).
- (74) SONN & PARTNER; 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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

- (51)⁷ A43B 7/12
(11) WO 03/079839 (13) A1
(21) PCT/IT03/00161
(22) 18 Mar/mar 2003 (18.03.2003)
(25) en (26) en
(30) MI02A000626 26 Mar/mar 2002 IT (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • WATERPROOF FOOTWEAR AND PROCESS FOR ITS MANUFACTURE
• ARTICLE CHAUSSANT ETANCHE ET SON PROCEDE DE FABRICATION
- (71) NEXTEC S.R.L. [IT/IT]; Vicolo Molino, 2, I-211052 Busto Arsizio (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORLACCHI, Luca [IT/IT]; Via Roma, 46, I-20025 Legnano (IT).
- (74) PIZZOLI, Antonio et al. / etc.; Società Italiana Brevetti S.p.A., Via Carducci, 8, I-20123 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

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- (51)⁷ A43B 13/18, 7/14
(11) WO 03/079840 (13) A1
(21) PCT/US03/06770
(22) 7 Mar/mar 2003 (07.03.2003)
(25) en (26) en
(30) 10/103,678 20 Mar/mar 2002 US (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FOOTWEAR SOLE HAVING SUPPORT ELEMENTS WITH COMPRESSIBLE APERTURES
• SEMELLE DE CHAUSSURE AVEC ELEMENTS SUPPORT A OUVERTURES COMPRESSIBLE
- (71) NIKE, INC. [US/US]; One Bowerman Drive, Beaverton, OR 97005-6453 (US).
(only for / seulement pour JP KR)
- (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 JP KR)
- (72, 75) ROHDE, Mark, W. [US/US]; 40444 Shimanek Bridge Drive, Scio, OR 97374 (US).
- (74) KUZARA, Byron, S.; Banner & Witcoff, LTD., 1001 G Street, N.W., 11th Floor, Washington, D.C. 2001-4597 (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 NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A44C 9/02, 5/00
(11) WO 03/079841 (13) A1
(21) PCT/MC03/00002
(22) 17 Feb/fév 2003 (17.02.2003)
(25) fr (26) fr
(30) 2483 22 Mar/mar 2002 MC (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • BAND AND JEWEL WITH INTERCHANGEABLE AND ADJUSTABLE MODULES
• ANNEAU ET BIJOU A MODULES INTERCHANGEABLES ET AJUSTABLES
- (71, 72) HAZAN, Albert [IL/MC]; 10, rue Princesse Florestine, MC-98000 Monaco (MC).

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

Published / Publiée : (c)

- (51)⁷ A44C 25/00
(11) WO 03/079842 (13) A1
(21) PCT/US02/33211
(22) 16 Oct/oct 2002 (16.10.2002)
(25) en (26) en
(30) 10/104,141 21 Mar/mar 2002 US (21.03.2002)
(30) 10/156,609 24 May/mai 2002 US (24.05.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DECORATIVE, DIAMOND-CUT JEWELRY SURFACE
• SURFACE DE BIJOU DECORATIVE EN TAILLE DIAMANT
- (71) SELECT JEWELRY, INC. [US/US]; 37-02 48th Avenue, Long Island City, NY 11101 (US).
- (72) SELIKTAR, Ronen; c/o Select Jewelry, Inc., 37-02 48th Avenue, Long Island City, NY 11101 (US).
- (74) MOSKOWITZ, Max et al. / etc.; Ostrolenk, Faber, Gerb & Soffen, LLP, 1180 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ A45C 9/00
(11) WO 03/079843 (13) A2
(21) PCT/FR03/00968
(22) 25 Mar/mar 2003 (25.03.2003)
(25) fr (26) fr
(30) 02/03805 26 Mar/mar 2002 FR (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • BAG WHICH CAN BE CONVERTED INTO A WORK STATION
• BAGAGE CONVERTIBLE EN STATION DE TRAVAIL
- (71, 72) PASQUIER, René [FR/FR]; 2, rue Aviateur Le Brix, F-56100 Lorient (FR).
- (74) BEAUFILS, Yves; Cabinet Ballot, 4, rue Général Hoche, F-56100 Lorient (FR).
- (81) CA.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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

(51)⁷ **A45C 11/04**
(11) **WO 03/079844** (13) **A1**
(21) PCT/US03/08512
(22) **20 Mar/mar 2003 (20.03.2003)**
(25) en (26) en
(30) 10/103,461 **20 Mar/mar 2002 US (20.03.2002)**
(30) 10/131,341 **24 Apr/avr 2002 US (24.04.2002)**
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • CASE FOR MULTIPLE PAIRS OF EYE-GLASSES
• BOITIER POUR PLUSIEURS PAIRES DE LUNETTES
(71, 72) **WATSON, Joe, C.** [US/US]; 5108 Thomas Avenue South, Minneapolis, MN 55410 (US).
(74) **PEDERSEN, Brad et al.** / etc.; Patterson, Thuente, Skaar & Christensen, P.A., 4800 IDS Center, 80 South Eighth Street, Minneapolis, MN 55402-2100 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A45D**
(11) **WO 03/079845** (13) **A2**
(21) PCT/JP03/03667
(22) **25 Mar/mar 2003 (25.03.2003)**
(25) en (26) en
(30) 2002-087088 **26 Mar/mar 2002 JP (26.03.2002)**
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • HAIR REMOVING DEVICE
• EPILATEUR
(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) **HASHIGUCHI, Tetsurou** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **SUEYOSHI, Hidekazu** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP).
(74) **NISHIKAWA, Yoshikiyo et al.** / etc.; Hokuto Patent Attorneys Office, Umeda-Dai-ichiseimei Bldg. 5F, 12-17, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka 530-0001 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 PL PT RO RU SD SE SG 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

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A45D 40/26, 40/02**
(11) **WO 03/079846** (13) **A1**
(21) PCT/EP03/02653
(22) **13 Mar/mar 2003 (13.03.2003)**
(25) de (26) de
(30) 102 14 173.8 **27 Mar/mar 2002 DE (27.03.2002)**
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • COSMETIC APPLICATOR
• APPLICATEUR DE PRODUITS COSMETIQUES
(71) **COTY B.V.** [NL/NL]; Oudeweg 147, NL-2031 CC Haarlem (NL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **LOGINOVA, Yelena** [US/US]; 785 Mace Ave 6E, Bronx, NY 10467 (US). **WALLIN, Kenneth** [US/US]; 5 Endgewood Place, Maplewood, NJ 07040 (US). **MACCHIO, Ralph** [US/US]; 24 Cherokee Court, Sparta, NJ 07971 (US). **FARER, Alan** [US/US]; 91 Alize Drive, Kinnelon, NJ 07405 (US).
(74) **WALTER, Wolf-Jürgen; Felke & Walter, Normannenstrasse 1-2, 10367 Berlin (DE).**
(81) CN JP US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **A46B**
(11) **WO 03/079847** (13) **A2**
(21) PCT/US03/08198
(22) **17 Mar/mar 2003 (17.03.2003)**
(25) en (26) en
(30) 10/102,362 **19 Mar/mar 2002 US (19.03.2002)**
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • IMPROVED TOOTH BRUSH HOLDER
• PORTE-BROSSE A DENTS AMELIORE
(71, 72) **STRUNK, Peter** [DE/US]; 501 Marine View Avenue, Del Mar, CA 92104 (US).
(74) **ROBERTS, Richard, S.;** Roberts & Mercanti, LLP, P.O. Box 484, Princeton, NJ 08542-0484 (US).
(81) 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 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A46B 5/00, A61C 15/04, B08B 9/02, 1/00, A47L 17/00, 17/06, A61B 17/28, 17/30**
(11) **WO 03/079848** (13) **A1**
(21) PCT/JP02/11289
(22) **30 Oct/oct 2002 (30.10.2002)**
(25) ja (26) ja
(30) 2002-88124 **27 Mar/mar 2002 JP (27.03.2002)**
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DUPLEX SHANK UTILIZING DEFLECTION CAUSED THEREON, TOOTH BRUSH, DENTAL FLOSS HOLDER, TUBE CLEANER, AND TWEEZERS
• MANCHE DOUBLE UTILISANT LA DEVIATION QUI LUI EST IMPOSEE, BROSSE A DENTS, PORTE-FIL DE SOIE DENTAIRE, NETTOIE-TUBE ET PINCES
(71) **TASHIBU, kiyomi** [JP/JP]; 406, 7-7, minamikasugamachi, Oita-shi, Oita 870-0815 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(71, 72) **TASHIBU, kenzi** [JP/JP]; 406, 7-7, minamikasugamachi, Oita-shi, Oita 870-0815 (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 HU IE IT 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)⁷ **A46D 1/00**
(11) **WO 03/079849** (13) **A1**
(21) PCT/EP03/02795
(22) **18 Mar/mar 2003 (18.03.2003)**
(25) de (26) de
(30) 102 12 701.8 **21 Mar/mar 2002 DE (21.03.2002)**
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • BRISTLES, METHOD AND DEVICE FOR PRODUCTION THEREOF AND BRUSHES
• SOIE, PROCEDE ET DISPOSITIF DE PRODUCTION DE CETTE DERNIERE ET ARTICLE EN SOIES
(71) **CORONET-WERKE GMBH** [DE/DE]; Neustadt 2, 69483 Wald-Michelbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **WEIHRACH, Georg** [DE/DE]; Am Rossert 1, 69483 Wald-Michelbach (DE).

(74) LICHTI, Heiner et al. / etc.; Postfach 41 07 60, 76207 Karlsruhe (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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

Declarations / Déclarations :

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

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

(u) for / pour US only / seulement

(51)⁷ A47B

(11) WO 03/079850 (13) A2

(21) PCT/EP03/03069

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 10/105,671 25 Mar/mar 2002 US (25.03.2002)

(30) 60/418,917 16 Oct/oct 2002 US (16.10.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A DESK INTEGRATING AND PROVIDING A USER INTERFACE TO INTERACT WITH AND CONTROL UPGRADABLE AND EXPANDABLE COMPUTER, NETWORK AND MULTIMEDIA SYSTEMS

• BUREAU INTEGRANT ET PRESENTANT UNE INTERFACE UTILISATEUR POUR INTERAGIR AVEC ET COMMANDER DES SYSTEMES INFORMATIQUES, MULTIMEDIA OU DE RESEAU EVOLUTIFS

(71) BEN JANS ELECTRONICS NV/SA [BE/BE]; Mechelsesteenweg, NL-195 2018 Antwerpen (BE).

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

(72, 75) JANS, Ben [BE/BE]; Mechelsesteenweg, NL-195 2018 Antwerpen (BE).

(74) BOYCE, Conor et al. / etc.; F R Kelly & Co, 27 Clyde Road, Ballsbridge, Dublin 4 (IE).

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

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

Declaration / Déclaration :

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

(51)⁷ A47B 53/02, 96/00

(11) WO 03/079851 (13) A1

(21) PCT/AU03/00360

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) PS 1361 26 Mar/mar 2002 AU (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DRIVE MECHANISM FOR A TRACK MOUNTED BODY
• MECANISME DE COMMANDE POUR CORPS MONTE SUR RAILS

(71) GLIDESTORE FREETRACK PTY LTD [AU/AU]; 48 Fullarton Road, Norwood, S.A. 5067 (AU).

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

(72, 75) PARKER, Brian, Maurice [AU/AU]; Dexion Adelaide, Building 7, 938 South Road, Edwardstown, S.A. 5039 (AU). CAMPBELL, George, Giles [AU/AU]; Proen Design Australia Pty Ltd, 157 Burbridge Road, Hilton, S.A. 5033 (AU).

(74) MADDERN; Level 1, 64 Hindmarch 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

Published / Publiée : (b)

(51)⁷ A47B 57/58, A47F 5/08 // 3/08

(11) WO 03/079852 (13) A1

(21) PCT/FI03/00133

(22) 26 Feb/fév 2003 (26.02.2003)

(25) fi (26) en

(30) 20020430 6 Mar/mar 2002 FI (06.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SHELF ARRANGEMENT

• AGENCEMENT D'ETAGERE

(71) JR-ARK OY [FI/FI]; Elimäenkatu 12-16 D, FIN-00510 Helsinki (FI).

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

(72, 75) RISSANEN, Jorma [FI/FI]; Elimäenkatu 12-16 D, FIN-00510 Helsinki (FI).

(74) LEITZINGER OY; Tammasaarenkatu 1, 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 SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A47B 81/00, A47F 5/08, 7/00

(11) WO 03/079853 (13) A1

(21) PCT/US03/07871

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 60/365,677 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SPORTS EQUIPMENT STORAGE RACK

• CASIER DE RANGEMENT D'EQUIPEMENT DE SPORT

(71) RUBBERMAID INCORPORATED [US/US]; 1147 Akron Road, Wooster, OH 44691 (US).

(72) CRAFT, Charles, W.; 58 Le Rue Street, Apple Creek, OH 44606 (US). GORMLEY, Carolee, G.; 936 Marshall Court, Medina, OH 44256 (US). STITCHICK, David, M.; 820 Kieffer Street, Wooster, OH 44691 (US).

(74) LEMPIA, Bryan, J.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A47B 87/00, 45/00

(11) WO 03/079854 (13) A1

(21) PCT/FR02/00799

(22) 6 Mar/mar 2002 (06.03.2002)

(25) fr (26) fr

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MODULAR ELEMENT SYSTEM

• SYSTEME D'ELEMENTS MODULABLES

(71, 72) POURREYRON, Sébastien [FR/FR]; 10 bis, chemin des Jodennes, F-63500 Issoire (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 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)⁷ A47B 88/04

(11) WO 03/079855 (13) A1

(21) PCT/EP03/02960

(22) 21 Mar/mar 2003 (21.03.2003)

(25) de (26) de

(30) 202 04 860.8 26 Mar/mar 2002 DE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SELF-CLOSING DRAWER RUNNERS WITH INTEGRATED DAMPING

• COULISSES TELESCOPIQUES DE TIROIR A FERMETURE AUTOMATIQUE ET AMORTISSEMENT INTEGRE

(71) ALFIT AG [AT/AT]; Sennemahd 10, A-6840 Götzis (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERGER, Horst [DE/DE]; Engadinstrasse 2, 33729 Bielefeld (DE).

(74) ZENZ, Joachim, Klaus et al. / etc.; Scheuer-gasse 24, 64673 Zwingenberg (DE).

(81) US.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A47B 96/14, 87/02

(11) WO 03/079856 (13) A1

(21) PCT/IT03/00140

(22) 7 Mar/mar 2003 (07.03.2003)

(25) en (26) en

(30) RM 02 A 000160 22 Mar/mar 2002 IT (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR THE CREATION OF CLEARANCE HOLES

• PROCEDE POUR FAÇONNER DES TROUS DE DEGAGEMENT

(71, 72) CRIACCI, Massimo [IT/IT]; Via Tiberina km. 9, 200, I-00060 Riano (RM) (IT).

(74) SNEIDER, Massimo; c/o Studio Tecnico Lenzi, Via Lucania, 13, I-00187 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 SC SD SE SG 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 HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ A47C 7/66

(11) WO 03/079857 (13) A1

(21) PCT/AT02/00161

(22) 28 May/mai 2002 (28.05.2002)

(25) de (26) de

(30) GM 185/2002 22 Mar/mar 2002 AT (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SUNSHADE COVER FOR A DECK CHAIR, ARM CHAIR OR THE LIKE

• PARE-SOLEIL POUR UNE CHAISE LONGUE, UN FAUTEUIL OU UN OBJET SIMILAIRE

(71, 72) NEUWIRTH, Gerald [AT/AT]; Bahnhofstrasse 3/4, A-9800 Spittal/Drau (AT).

(74) MIKSOVSKY, Alexander; Miksovsky & Pollhammer OEG, Währinger Strasse 3, A-1096 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)⁷ A47C 27/00

(11) WO 03/079858 (13) A1

(21) PCT/KR03/00580

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 20-2002-0008883 25 Mar/mar 2002 KR (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ERGONOMIC CUSHION

• COUSSIN ERGONOMIQUE

(71, 72) KIM, Jung-In [KR/KR]; Gang Nan Mool Ryn, 123-4, Dongchen-Dong, sooji-ub, Yongin-shi, Keonggi-Do 449-843 (KR).

(81) AU CA CH CN DE ES GB HU ID JP KP KR MN MW MX NZ PH SG US VN.

Published / Publiée : (c)

(51)⁷ A47C 31/12, A61B 5/103

(11) WO 03/079859 (13) A1

(21) PCT/NZ03/00052

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 517992 27 Mar/mar 2002 NZ (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IMPROVED SLEEP SYSTEM AND METHOD OF SPECIFYING SAME

• SYSTEME DE REPOS AMELIORE ET PROCEDE DE SPECIFICATION CORRESPONDANT

(71) DESIGN MOBEL NZ LIMITED [NZ/NZ]; 130 Maleme Street, 3001 Tauranga (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALLAN, Timothy [NZ/NZ]; 207 Valley Road, 3001 Mount Maunganui (NZ).

(74) ALLEN, John, D et al. / etc.; Private Bag 11907, Level 9, Ellerslie Tower, 60B Cawley Street, Ellerslie, 1005 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A47D

(11) WO 03/079860 (13) A2

(21) PCT/US03/08469

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 10/103,580 21 Mar/mar 2002 US (21.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COMBINATION BASSINET, CHANGING TABLE AND BEDSIDE SLEEPER
• ENSEMBLE LIT DE BEBE, TABLE DE CHANGEMENT, ET CHEVET DE LIT
- (71, 72) WALDMAN, Kenneth [US/US]; 200 East 90th Street, Apt. 12E, New York, NY 10128 (US).
- (74) VOLPE, Anthony, S. et al. / etc.; Volpe and Koenig, P.C., One Penn Center, Suite 400, 1617 John F. Kennedy Boulevard, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A47D 9/02
- (11) WO 03/079861 (13) A1
- (21) PCT/ZA03/00040
- (22) 22 Mar/mar 2003 (22.03.2003)
- (25) en (26) en
- (30) 02/2300 22 Mar/mar 2002 ZA (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A ROCKING STAND FOR A COT OR THE LIKE
• PLATEAU BERCEUR POUR BERCEAU OU ANALOGUE
- (71, 72) COMLEY, John, Milton [ZA/ZA]; 10 Constable Street, Petervale, Sandton, 2151 Gauteng Province (ZA).
- (74) PILKINGTON, Donovan; Institute of Inventors and Innovators, P.O. Box 286, Saxonwold 2132 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ A47F 1/08, 5/11
- (11) WO 03/079862 (13) A1
- (21) PCT/EP03/02869
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) de (26) de
- (30) 102 12 613.5 21 Mar/mar 2002 DE (21.03.2002)
- (30) 202 05 450.0 21 Mar/mar 2002 DE (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DISTRIBUTOR FOR THE HOUSING AND SELECTIVE RELEASE OF GOODS FOR DISTRIBUTION AND METHOD FOR PRODUCTION THEREOF
• DISTRIBUTEUR DESTINE A CONTENIR ET A DELIVRER DE FACON SELECTIVE DES PRODUITS A DISTRIBUER
- (71, 72) ZUMKELLER, Andreas [DE/DE]; Hintere Dorfstrasse 12, 78554 Aldingen (DE).
- (74) KUHNEN & WACKER; Prinz-Ludwig-Strasse 40A, 85354 Freising (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ A47F 3/14, 1/08
- (11) WO 03/079863 (13) A1
- (21) PCT/US03/08099
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 60/365,245 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MERCHANDISE DISPLAY SYSTEM
• SYSTEME DE PRESENTATION DE MARCHANDISES
- (71) SARA LEE CORPORATION [US/US]; 1000 East Hanes Mill Road, Winston-Salem, NC 27105 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RUSHING, Tom [JP/US]; 5730 Regents Village Drive, Winston-Salem, NC 27103 (US).
- (74) BOGGS, J., Michael et al. / etc.; Kilpatrick Stockton LLP, 1001 West Fourth Street, Winston-Salem, NC 27101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ A47G 1/04, A47B 67/02, A47K 1/02
- (11) WO 03/079865 (13) A1
- (21) PCT/JP03/03645
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ja (26) ja
- (30) 2002-84206 25 Mar/mar 2002 JP (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MAKE-UP MIRROR UNIT
• UNITE DE MIROIR DE MAQUILLAGE
- (71) TOTO LTD. [JP/JP]; 1-1, Nakashima 2-chome, Kokura-kita-ku, Kita-kyushu-shi, Fukuoka 802-8601 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKEO, Hozumi [JP/JP]; c/o TOTO LTD., 1-1, Nakashima 2-chome, Kokura-kita-ku, Kita-kyushu-shi, Fukuoka 802-8601 (JP). KUBOTA, Kenichi [JP/JP]; c/o TOTO LTD., 1-1, Nakashima 2-chome, Kokura-kita-ku, Kita-kyushu-shi, Fukuoka

802-8601 (JP). MINAMI, Saburo [JP/JP]; c/o OSAKA KANAGU CO., LTD., 4-10, Mitsuya-kita 1-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0032 (JP). MINAMI, Takuji [JP/JP]; c/o OSAKA KANAGU CO., LTD., 4-10, Mitsuya-kita 1-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0032 (JP).

(74) KOYAMA, Yuu; Shuwa kioicho TBR Bldg. Suite 922, 5-7, Kojimachi, Chiyoda-ku, Tokyo 102-0083 (JP).

(81) CN US.

(51)⁷ A47G 1/06, 1/12, 1/14, 29/00

(11) WO 03/079866 (13) A1

(21) PCT/AU03/00356

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) PS 1396 27 Mar/mar 2002 AU (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A PACKET ASSEMBLY
• ENSEMBLE ENVELOPPE

(71, 72) CAMERON, Ross, Donald [AU/AU]; c/o Sampark & Co, King George Chambers, Suite 415, 375 George Street, Sydney, New South Wales 2000 (AU).

(74) PARK, Sam; Sampark & Co, King George Chambers, Suite 415, 375 George 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A47G 9/00, 9/02, A47C 21/00, 21/02, 31/00, A47D 15/02, A47G 9/04

(11) WO 03/079867 (13) A1

(21) PCT/AU03/00337

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) PS 1252 22 Mar/mar 2002 AU (22.03.2002)

(30) 2002951550 19 Sep/sep 2002 AU (19.09.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MATTRESS WITH REMOVABLE COVER
• MATELAS A COUVERTURE AMOVIBLE

(71)OMICRON INDUSTRIES PTY LTD [AU/AU]; 537 High Street, Epping, Victoria 3076 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VRIONIS, Peter [AU/AU]; 537 High Street, Epping, Victoria 3076 (AU).

(74) F B RICE & CO; 139 Rathdowne Street, Carlton, Victoria 3053 (AU).

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

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

Published / Publiée : (a)

(51)⁷ A47G 9/10, 9/00

(11) WO 03/079868 (13) A1

(21) PCT/KR03/00554

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 20-2002-0008519 21 Mar/mar 2002 KR (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CUSTOM-MADE PILLOW WITH HEIGHT CONTROL
• OREILLER SUR MESURE A HAUTEUR REGLABLE

(71, 72) LEE, Eung-Rul [KR/KR]; #105 Nakwon Manton, 438-1, Anrak-1dong, DongRae-gu, Busan 607-828 (KR).

(74) JU, In-Jung; #701 BYC B/D, 648-1, Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

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

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

(51)⁷ A47G 19/02, C09K 5/06

(11) WO 03/079869 (13) A1

(21) PCT/GB03/01318

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 0207065.4 26 Mar/mar 2002 GB (26.03.2002)

(30) 0214656.1 25 Jun/juin 2002 GB (25.06.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TABLEWARE

• ARTICLE DE VAISSELLE

(71) ROYAL COLLEGE OF ART [GB/GB]; Kensington Gore, London SW7 2EU (GB).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) CHAMPKINS, Mark, Ross [GB/GB]; Royal College of Art, Kensington Gore, London SW7 2EU (GB).

(74) HEDLEY, Nicholas, James, Matthew 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A47G 21/16

(11) WO 03/079870 (13) A1

(21) PCT/IT02/00251

(22) 19 Apr/avr 2002 (19.04.2002)

(25) en (26) en

(30) PI2002A000016 26 Mar/mar 2002 IT (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYSTEM FOR RAPIDLY FIXING A CLOTH TO A TABLE OR OTHER FLAT SURFACE

• SYSTEME PERMETTANT DE FIXER RAPIDEMENT UN TISSU A UNE TABLE OU AUTRE SURFACE PLANE

(71) EFFEPI SRL [IT/IT]; Via Boggia, 41, I-28013 Gattico (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRANCO, Pasqualino [IT/IT]; V. Matteotti, 92, I-28021 Borgomanero (IT).

(74) TURINI, Laura; Piazza S. Giovanni, 8, I-56038 Ponsacco (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)⁷ A47G 25/40

(11) WO 03/079871 (13) A1

(21) PCT/KR03/00537

- (22) 19 Mar/mar 2003 (19.03.2003)
 (25) en (26) en
 (30) 20-2002-0009057 27 Mar/mar 2002 KR (27.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • HANGER
 • CINTRE POUR VETEMENTS
 (71) KIM, Min Seog [KR/KR]; #714-608 JuGong Apt. 692 SangGye-dong, Nowon-gu, Seoul 449-843 (KR).
 (74) JU, In Jung; #701 BYC B/D. 648-1, Yeok-sam-dong, Kangnam-gu, Seoul 135-080 (KR).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A47G 27/02, A47L 23/22, D06N 7/00
 (11) WO 03/079872 (13) A1
 (21) PCT/JP03/03420
 (22) 20 Mar/mar 2003 (20.03.2003)
 (25) ja (26) ja
 (30) 2002-83287 25 Mar/mar 2002 JP (25.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • MAT
 • TAPIS
 (71) DUSKIN CO., LTD. [JP/JP]; 1-33, Toyotsu-cho, Suita-shi, Osaka 564-0051 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) NAKANISHI, Yasuyuki [JP/JP]; c/o DUSKIN CO., LTD., 1-33, Toyotsu-cho, Suita-shi, Osaka 564-0051 (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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A47H 1/14
 (11) WO 03/079873 (13) A1
 (21) PCT/US03/08096
 (22) 18 Mar/mar 2003 (18.03.2003)
 (25) en (26) en
 (30) 10/102,261 20 Mar/mar 2002 US (20.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • EXTENDABLE BRACKET FOR WINDOW COVERING COMPONENTS
 • SUPPORT EXTENSIBLE POUR ELEMENTS COUVRE-FENETRES
 (71) NEWELL WINDOW FURNISHINGS, INC. [US/US]; 29 East Stephenson Street, Freeport, IL 61032 (US).
 (72) BELL, Roland, T.; 3002 Landing Court, Jamestown, NC 27282 (US). CHUDZIK, Stan; 3103 Log Cabin Cove, High Point, NC 27265 (US). DANIELS, James, L.; 7104 Holly Glen Court, Stokesdale, NC 27357 (US).
 (74) LEMPIA, Bryan, J.; Marshall, Gerstein & Borun, 233 S. Wacker Drive, Suite 6300, Sears Tower, Chicago, IL 60606-6357 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A47J 31/06, 31/24, 31/44
 (11) WO 03/079874 (13) A1
 (21) PCT/EP02/13161
 (22) 22 Nov/nov 2002 (22.11.2002)
 (25) en (26) en
 (30) U 200200731 25 Mar/mar 2002 ES (25.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • DEVICE FOR INFUSIONS OF COFFEE
 • APPAREIL D'INFUSION DE CAFE
 (71) ASCASO COMPONENTES, S.A. [ES/ES]; Pol. Ind. Famadas, 39-41, Calle Energia, E-08940 -Cornella de Llobregat (ES).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) ASCASO LOPEZ, José Luis [ES/ES]; Pol. Ind. Famadas, 39-41, Calle Energia, E-08940 Cornella de Llobregat (ES).
 (74) SUGRAÑES-VERDONCES-FER-REGÜELA; 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 SC 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)⁷ A47J 31/40
 (11) WO 03/079875 (13) A1
 (21) PCT/AT03/00003
 (22) 8 Jan/jan 2003 (08.01.2003)
 (25) de (26) de
 (30) A 460/2002 25 Mar/mar 2002 AT (25.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • ESPRESSO MACHINE
 • MACHINE A EXPRESSO
 (71) ALEXANDER SCHÄRF & SÖHNE GESELLSCHAFT M.B.H. [AT/AT]; Dr. Alexander Schärf-Strasse 2, A-2700 Wiener Neustadt (AT).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) SCHÄRF, Reinhold [AT/AT]; Dr. Alexander Schärf-Strasse 2, A-2700 Wiener Neustadt (AT).
 (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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Declaration / Déclaration :
 (u) for / pour US only / seulement
 (51)⁷ A47J 31/40
 (11) WO 03/079876 (13) A1
 (21) PCT/EP03/02928
 (22) 20 Mar/mar 2003 (20.03.2003)
 (25) de (26) de
 (30) 102 13 514.2 26 Mar/mar 2002 DE (26.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • COFFEE MACHINE
 • MACHINE A CAFE
 (71) TCHIBO FRISCH-RÖST-KAFFEE GMBH [DE/DE]; Überseering 18, 22297 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAATZE, Michael** [DE/DE]; Kiefernweg 11, 21225 Tostedt (DE). **MAUSS, Sebastian** [DE/DE]; Am Schillinghof 22, 22949 Ammersbek (DE).

(74) **HUBER, Arnulf** et al. / etc.; Uexküll & Stolberg, Besclerstrasse 4, 22607 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A47K 7/03

(11) WO 03/079877 (13) A1

(21) PCT/EP03/02631

(22) 10 Mar/mar 2003 (10.03.2003)

(25) en (26) en

(30) 0206870.8 22 Mar/mar 2002 GB (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PERSONAL WASH SOAP HOLDER

• PORTE-SAVON DE TOILETTE PERSONNEL

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).

(only for / seulement pour AE AG AU BB BZ CA GB GD GH GM IL KE LC LK LSMN MW NZ OM SC SD SG SL TT TZ UG VC ZA ZM ZW SZ CY IE)

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).

(only for / seulement pour AL AM AT AZ BA BG BR BY CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GE HR HU ID IS JP KG KP KR KZ LR LT LU LV MA MD MG MK MX MZ NI NO PH PL PT RO RU SE SK TJ TM TN TR UA UZ VN YU BE FR GR IT MC NL SI BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(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) **DAVIES, Leonard, Edward** [GB/VN]; Unilever Vietnam, Central Plaza Floor 12, 17 Le Duan Boulevard, District 1, Ho Chi Minh City (VN). **HOA, Vo-van** [VN/VN]; Unilever Vietnam, Central Plaza Floor 12, 17 Le Duan Boulevard, District 1, Ho Chi Minh City (VN). **HUYNH, Pham-ngoc** [VN/VN]; Unilever Vietnam, Central Plaza Floor 12, 17 Le Duan Boulevard, District 1, Ho Chi Minh City (VN).

(74) **MULDER, Cornelis, Willem, Reinier**; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ A47L 9/14

(11) WO 03/079878 (13) A1

(21) PCT/EP03/02530

(22) 12 Mar/mar 2003 (12.03.2003)

(25) de (26) de

(30) 102 12 933.9 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FILTER BAG FOR A VACUUM CLEANER

• SAC FILTRANT POUR ASPIRATEUR

(71) **VORWERK & CO.** [DE/DE]; Interholding GmbH, Mühlenweg 17-37, 42275 Wuppertal (DE).

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

(72, 75) **RODEMANN, Thomas** [DE/DE]; Schellstrasse 40, 45134 Essen (DE). **SAUER, Ralf** [DE/DE]; Rüttscher Strasse 26, 52072 Aachen (DE).

(74) **MÜLLER, Enno** et al. / etc.; Rieder & Partner, Corneliusstrasse 45, 42329 Wuppertal (DE).

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

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

(51)⁷ A47L 21/02

(11) WO 03/079879 (13) A1

(21) PCT/IT03/00179

(22) 26 Mar/mar 2003 (26.03.2003)

(25) it (26) en

(30) RM2002A000173 27 Mar/mar 2002 IT (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • QUICK WASHING MACHINE FOR KNIFE

• MACHINE DE LAVAGE RAPIDE POUR COUTEAUX

(71) **ARTIPOLI, Alessandra** [IT/IT]; Via Medina, 129, I-00040 Rocca Priora (IT).

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

(72, 75) **ARTIPOLI, Anastasio** [IT/IT]; Via Mediana, 129, I-00040 Rocca Priora (IT).

(74) **SARPI, Maurizio**; Studio Ferraro, Via Colina, 36, I-00187 Roma (IT).

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

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

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(51)⁷ A47L 25/00, B08B 1/00

(11) WO 03/079880 (13) A1

(21) PCT/AU03/00354

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) PS 1310 25 Mar/mar 2002 AU (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR CLEANING HOOK AND LOOP ATTACHMENT MATERIALS

• PROCÉDE ET APPAREIL DE NETTOYAGE DE BANDES DE FIXATION VELCRO

(71, 72) **AMOS, Pamela, Louise** [AU/AU]; 4 Scarborough Court, Wynn Vale, South Australia 5127 (AU).

(74) **COLLISON & CO**; 117 King William Street, Adelaide, South Australia 5000 (AU).

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

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

(51)⁷ A61B

(11) WO 03/079881 (13) A2

(21) PCT/EP03/02660

- (22) 13 Mar/mar 2003 (13.03.2003)
 (25) en (26) en
 (30) 10/104,415 22 Mar/mar 2002 US (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CROSS-POLARIZED IMAGING METHOD FOR MEASURING SKIN ASHING
 • PROCEDE D'IMAGERIE A POLARISATION CROISEE POUR MESURER L'ASPECT CENDRE DE LA PEAU
- (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 SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)
- (71) UNILEVER NV [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NI NL NO PH PL PT RO RU SE SI SK SN 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) ZHANG, Xiadong; Unilever R & D Edgewater, 45 River Road, Edgewater, NJ 07020 (US). TSAUR, Liang, Sheng; Unilever R & D Edgewater, 45 River Road, Edgewater, NJ 07020 (US). SANTANASTASIO, Helene, Marie; Unilever R & D Edgewater, 45 River Road, Edgewater, NJ 07020 (US). SHAH, Pravin, H.; Unilever R & D Edgewater, 45 River Road, Edgewater, NJ 07020 (US). KRISHNAN, Srinivasan; Unilever R & D Edgewater, 45 River Road, Edgewater, NJ 07020 (US).
- (74) MULDER, Cornelis, Willem, Reiner 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B
 (11) WO 03/079882 (13) A2
 (21) PCT/IL03/00193
- (22) 10 Mar/mar 2003 (10.03.2003)
 (25) en (26) en
 (30) 60/366,588 25 Mar/mar 2002 US (25.03.2002)
- (30) 60/400,133 2 Aug/août 2002 US (02.08.2002)
- (30) 60/422,118 30 Oct/oct 2002 US (30.10.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND SYSTEM FOR DETERMINING A RISK OF ULCER ONSET
 • METHODE ET SYSTEME DE DETERMINATION D'UN RISQUE DE DEBUT DE PLAIE
- (71) RAMOT AT TEL AVIV UNIVERSITY LTD. [IL/IL]; 32 Haim Levanon Street, 69 975 Tel Aviv (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GEFEN, Amit [IL/IL]; 8 HaCarmel Street, 55 900 Ganei Tikva (IL).
- (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B
 (11) WO 03/079883 (13) A2
 (21) PCT/IL03/00260
- (22) 27 Mar/mar 2003 (27.03.2003)
 (25) en (26) en
 (30) 60/367,509 27 Mar/mar 2002 US (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CONTROLLED LASER TREATMENT FOR NON-INVASIVE TISSUE ALTERATION, TREATMENT AND DIAGNOSTICS WITH MINIMAL COLLATERAL DAMAGE
 • TRAITEMENT LASER CONTROLE POUR MODIFICATION NON EFFRACTIVE DES TISSUS, TRAITEMENT ET DIAGNOSTIC AVEC DOMMAGES COLLATERAUX MINIMES
- (71) HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD. [IL/IL]; Kiryat Hadassah, 91 120 Jerusalem (IL). YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM [IL/IL];
- Hi Tech Park, The Edmond J. Safra Campus, The Hebrew University of Jerusalem, Givat Ram, 91 390 Jerusalem (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GALUN, Eithan [IL/IL]; 70 HaAlon Street, 90 836 Har Adar (IL). LEWIS, Aaron [IL/IL]; 18/14 Neve-Shaan Street, 93 807 Jerusalem (IL). MANEVITCH, Alexandra [IL/IL]; 4/10 Kadish Luz Street, Ramat Sharet, 96 920 Jerusalem (IL). KHATCHA-TOURIANTS, Artium [IL/IL]; 210/97 Neve Yakov, 97 350 Jerusalem (IL). HEMO, Yitzchak [IL/IL]; 46 Peretz Bernstein Street, 96 920 Jerusalem (IL).
- (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B
 (11) WO 03/079884 (13) A2
 (21) PCT/US03/08100
- (22) 18 Mar/mar 2003 (18.03.2003)
 (25) en (26) en
 (30) 60/365,667 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHODS FOR DIAGNOSIS AND PROGNOSIS OF CANCER
 • METHODES DE DIAGNOSTIC ET DE PRONOSTIC DU CANCER
- (71) CHILDREN'S MEDICAL CENTER CORPORATION [US/US]; 300 Longwood Avenue, Boston, MA 02115 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZETTER, Bruce [US/US]; 41 Grove Street, Wayland, MA 01778 (US). BAO, Lere [CN/US]; 145 Day Street, Newton, MA 02466 (US). BANYARD, Jacqueline [—/US]; 325 Columbus Avenue, #8, Boston, MA 02116 (US).
- (74) RESNICK, David, S. et al. / etc.; Nixon Peabody LLP, 101 Federal Street, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR

- TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B
- (11) WO 03/079885 (13) A2
- (21) PCT/US03/08537
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 60/366,479 20 Mar/mar 2002 US (20.03.2002)
- (30) 60/366,449 20 Mar/mar 2002 US (20.03.2002)
- (30) 60/366,354 20 Mar/mar 2002 US (20.03.2002)
- (30) 60/366,470 20 Mar/mar 2002 US (20.03.2002)
- (30) 60/366,487 20 Mar/mar 2002 US (20.03.2002)
- (30) 60/366,440 20 Mar/mar 2002 US (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INHALABLE SUSTAINED THERAPEUTIC FORMULATIONS
- FORMULATIONS THERAPEUTIQUES SOUTENUES RESPIRABLES
- (71) ADVANCED INHALATION RESEARCH, INC. [US/US]; 88 Sidney Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BASU, Sujit, K. [IN/US]; 1 Sterns Street, Unit 1, Cambridge, MA 02138 (US). CAPONETTI, Giovanni [IT/IT]; Via Romagna 33, I-29100 Piacenza PC (IT). CLARK, Robert [US/US]; 65 Morton Street, Canton, MA 02021 (US). ELBERT, Katharina, J. [DE/US]; 1 Stearns Street, Unit 1, Cambridge, MA 02138 (US).
- (74) ELMORE, Carolyn, S. et al. / etc.; Elmore-Craig, P.C., 209 Main Street, North Chelmsford, MA 01863 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B
- (11) WO 03/079886 (13) A2
- (21) PCT/US03/08843
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 60/366,983 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SEROTONIN AND CATECHOLAMINE SYSTEM SEGMENT OPTIMIZATION TECHNOLOGY
- TECHNOLOGIE D'OPTIMISATION D'UN SEGMENT DE SYSTEME DE SEROTONINE ET CATECHOLAMINE
- (71, 72) HINZ, Martin, C. [US/US]; 1150, 88th Ave. West, Duluth, MN 55808 (US).
- (74) SKINNER, Joel, D.; Skinner and Associates, 212 Commercial Street, Hudson, WI 54016 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ A61B
- (11) WO 03/079887 (13) A2
- (21) PCT/US03/08862
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 60/366,282 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DEVICES AND METHODS FOR MEASURING BLOOD FLOW RATE OR CARDIAC OUTPUT AND FOR HEATING OR COOLING THE BODY
- DISPOSITIFS ET PROCÉDES DE MESURE DE DEBIT SANGUIN OU DE DEBIT CARDIAQUE ET PERMETTANT DE RECHAUFFER OU DE REFROIDIR L'ANATOMIE
- (71) RADIANT MEDICAL, INC. [US/US]; 250 Chesapeake Drive, Redwood City, CA 94063 (US).
- (72) CALLISTER, Jeffrey, P.; 955 Cambridge Road, Redwood City, CA 94061 (US). MACHOLD, Timothy, R.; 65 Bernal Avenue, Moss Beach, CA 94038 (US).
- (74) BUYAN, Robert, D., et al. / etc.; Stout, Uxa, Buyan & Mullins LLP, 4 Venture, Suite 300, Irvine, CA 92618 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B 1/00
- (11) WO 03/079888 (13) A2
- (21) PCT/US03/08019
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 60/365,310 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • REUSABLE INSTRUMENTS AND RELATED SYSTEMS AND METHODS
- INSTRUMENTS RÉUTILISABLES ET SYSTÈMES ET PROCÉDÉS CONNEXES
- (63) US 60/365,310 (CIP)
18 Mar/mar 2002 (18.03.2002)
- (71) OPTIM, INC. [US/US]; 64 Technology Park Road, Sturbridge, MA 01566 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROOT, Thomas, V. [US/US]; 8 Beatrice Road, Beverly, MA 01915 (US). KRUPA, Robert, J. [US/US]; 62 Indian Ridge Drive, Leominster, MA 01453 (US).
- (74) DALEY, Sean, P.; 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 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 NI NO NZ PL PT RO RU SC SD SE SG 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B 1/267
- (11) WO 03/079889 (13) A1
- (21) PCT/US03/08268
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 10/102,800 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • LARYNGOSCOPE WITH IMAGE SENSOR
- LARYNGOSCOPE A CAPTEUR D'IMAGE
- (71) NUVISTA TECHNOLOGY CORPORATION [US/US]; 939 Coast Boulevard, Suite 4B, La Jolla, CA 92037 (US).
- (72) MAZZEI, William, J.; 9707 Caminito Suelto, San Diego, CA 92131 (US). DAVIDSON, Terence, M.; 14262 Tierra Bonita Road, Poway, CA 92064 (US). RICHIERI, Steven, P.; 12275 Rue Cheaumont, San Diego, CA 92131 (US).

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

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

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

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(51)⁷ A61B 5/00, 5/05, 5/083

(11) WO 03/079890 (13) A1

(21) PCT/IB03/01652

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 60/367,808 26 Mar/mar 2002 US (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A METHOD AND APPARATUS FOR QUANTIFYING CALORIC BALANCE USING METABOLIC PARAMETERS TO ASSIST SUBJECTS ON WEIGHT MANAGEMENT

• PROCEDE ET DISPOSITIF PERMETTANT DE QUANTIFIER LE BILAN ENERGETIQUE AU MOYEN DE PARAMETRES METABOLIQUES AFIN D'ASSISTER LES SUJETS DANS LA GESTION DE LEUR POIDS

(71, 72) MOERMAN, Piet [BE/BE]; Ph. de Denterghemlaan 2, B-9831 St. Martens-Latem (BE).

(74) FRY, Alan, Valentine; Fry Heath & Spence LLP, The Gables, Massetts Road, Horley, Surrey RH6 7DQ (GB).

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

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

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(51)⁷ A61B 5/00

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(21) PCT/US03/08023

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en

(26) en

(30) 60/364,605 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND SYSTEM FOR GENERATING A LIKELIHOOD OF CARDIOVASCULAR DISEASE, ANALYZING CARDIOVASCULAR SOUND SIGNALS REMOTELY FROM THE LOCATION OF CARDIOVASCULAR SOUND SIGNAL ACQUISITION, AND DETERMINING TIME AND PHASE INFORMATION FROM CARDIOVASCULAR SOUND SIGNALS

• PROCEDE ET SYSTEME PERMETTANT DE GENERER UN COEFFICIENT DE VRAISEMBLANCE POUR UNE MALADIE CARDIO-VASCULAIRE, D'ANALYSER DES SIGNAUX SONORES CARDIO-VASCULAIRES A DISTANCE A PARTIR DE L'EMPLACEMENT D'ACQUISITION DES SIGNAUX SONORES CARDIO-VASCULAIRES, ET DE DETERMINER DES INFORMATIONS DE TEMPS ET DE PHASE A PARTIR DES SIGNAUX

(71) SONOMEDICA, LLC [US/US]; 8230 Leesburg Pike, Suite 500, Vienna, VA 22182 (US).

(72) MOHLER, Sailor, Hampton; 5410 Lightning View Road, Columbia, Maryland 21045 (US). MULHOLLAND, Dan; 855 N. Jefferson Street, Arlington, VA 22205-1233 (US). FIGGAT, Alan; 11727 Ledura Court#201, Reston, VA 22091 (US). HOLFORD, Warren; 4526 Pickett Road, Fairfax, VA 22032 (US).

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

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

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

(51)⁷ A61B 5/00

(11) WO 03/079892 (13) A2

(21) PCT/US03/08084

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 10/104,782 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A NON-INVASIVE BLOOD ANALYTE MEASURING SYSTEM AND METHOD UTILIZING OPTICAL ABSORPTION

• SYSTEME ET PROCEDE NON INVASIF PERMETTANT DE MESURER LA

CONCENTRATION DE SUBSTANCES A ANALYSER DANS LE SANG, UTILISANT LE PHENOMENE D'ABSORPTION OPTIQUE

(71) MINFORMED, L.L.C. [US/US]; 5613 St. Stephen Street, Mounds View, MN 55112 (US).

(72) WUORI, Edward, R.; 5613 St. Stephen Street, Mounds View, MN 55112 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61B 5/00

(11) WO 03/079893 (13) A1

(21) PCT/US03/08249

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/099,974 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SENSOR FOR TRANSCUTANEOUS MEASUREMENT OF VASCULAR ACCESS BLOOD FLOW

• CAPTEUR DE MESURES TRANSCUTANEEES DE DEBIT SANGUIN D'ACCES VASCULAIRE

(71) HEMA METRICS, INC. [US/US]; 695 North 900 West, Kaysville, UT 84037 (US).

(71, 72) MILLER, David, R. [US/US]; 6551 N. Trapper's Loop, Morgan, UT 84050 (US). BELL, David, A. [US/US]; 537 East 500 South, Farmington, UT 84025 (US). COX, Douglas, L. [US/US]; 5490 West Old Hwy Road, Morgan, UT 84050 (US). ZHANG, Songbiao [CN/US]; 11561 Cherry Hill Drive, Sandy, UT 84094 (US).

(74) MELSER, Allen, S. et al. / etc.; Jacobson Holman, PLLC, 400 Seventh Street NW, Washington, DC 20004-2218 (US).

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

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

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

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(11) WO 03/079894 (13) A1

(21) PCT/AU03/00358

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) PS 1331 25 Mar/mar 2002 AU (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD OF ANALYSIS OF CIRCADIAN RHYTHMS

• METHODE D'ANALYSE DE RYTHMES CIRCADIENS

(71) BAKER MEDICAL RESEARCH INSTITUTE [AU/AU]; Commercial Road, Melbourne, Victoria 3004 (AU).

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(72, 75) HEAD, Geoffrey, Albert [AU/AU]; 10 Elaroo Avenue, Camberwell, Victoria 3124 (AU). LUKOSHKOVA, Elena, Vladimirovna [RU/RU]; Oseniaia Str., house 4 building 1, flat 287, 121609 MOSCOW (RU).

(74) BROWNE, Sylvan, Sherwood 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61B 5/024, G06F 3/00

(11) WO 03/079895 (13) A1

(21) PCT/IB03/01004

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 10/104,929 22 Mar/mar 2002 US (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TACTILE FEEDBACK DEVICE

• DISPOSITIF DE RETOUR TACTILE

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

(72) MARMAROPOULOS, George; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN HEERDEN, Clive, R.; c/o 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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

(t) for the following designation / pour la désignation suivante : CN

(51)⁷ A61B 5/04, 5/0424

(11) WO 03/079896 (13) A1

(21) PCT/AT03/00073

(22) 13 Mar/mar 2003 (13.03.2003)

(25) de (26) de

(30) 15 A 459/2002-2,3 25 Mar/mar 2002 AT (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MEASURING DEVICE AND METHOD FOR REDUCING MEASURING ERRORS

• DISPOSITIF DE MESURE ET METHODE POUR REDUIRE LES ERREURS DE MESURE

(71, 72) STOCKINGER, Christian [AT/AT]; Burghardtgassee 18/13, A-1200 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ A61B 5/0408

(11) WO 03/079897 (13) A2

(21) PCT/CA03/00426

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 2,379,268 26 Mar/mar 2002 CA (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SKIN IMPEDANCE MATCHED BIOPOTENTIAL ELECTRODE

• ELECTRODE DE BIOPOTENTIEL ADAPTEE A L'IMPEDANCE CUTANEE

(71, 72) BRUN DEL RE, Riccardo [CA/CA]; 21 Park Street, 2nd Floor, Suite B, Aylmer, Quebec, J9H 4J6 (CA). KOLPIN, Hans [CA/CA]; R.R.#1, White Lake, Ontario, K0A 3L0 (CA). BATKIN, Izmail [CA/CA];

911G-Elmsmere Road, Gloucester, Ontario K1J 8G4 (CA).

(74) FRENCH, David, J.; P.O. Box 2486, Stn. D, Ottawa, K1P 5W6, Ontario (CA).

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

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

(51)⁷ A61B 5/11, G01L 5/00

(11) WO 03/079898 (13) A1

(21) PCT/JP03/03514

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(30) 2002/83065 25 Mar/mar 2002 JP (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BEDSORE MAIN-FACTOR MEASURING DEVICE

• DISPOSITIF DE MESURE DU FACTEUR PRINCIPAL DES ESCARRES DE DECUBITUS

(71) MOLTEN CORPORATION [JP/JP]; 1-8, Yokokawashin-machi, Nishi-ku, Hiroshima-shi, Hiroshima 733-0013 (JP).

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(72, 75) MIMURA, Maki [JP/JP]; 5-15-16-202, Nishihara, Asaminami-ku, Hiroshima-shi, Hiroshima 731-0100 (JP). OKAZAKI, Hidekazu [JP/JP]; 3-15-27-111, Kuchitamiami, Asakita-ku, Hiroshima-shi, Hiroshima 739-1700 (JP).

(74) MONDA, Makoto; Monda & Associates, Sueyoshi Bldg. 5F, 10-5, Shinbashi 2-chome, Minato-ku, Tokyo 105-0004 (JP).

(81) CA CN JP US.

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

(51)⁷ A61B 5/145

(11) WO 03/079899 (13) A1

(21) PCT/DE03/00372

(22) 8 Feb/fév 2003 (08.02.2003)

(25) de (26) de

(30) 102 13 692.0 27 Mar/mar 2002 DE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE AND METHOD FOR MEASURING CONSTITUENTS IN BLOOD

• DISPOSITIF ET PROCEDURE DE MESURE DE CONSTITUANTS DU SANG

(71) MCC GESELLSCHAFT FÜR DIAGNOSESYSTEME IN MEDIZIN UND TECHNIK MBH & CO. KG [DE/DE]; Südenstrasse 42, 76135 Karlsruhe (DE).

- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FORSTNER, Klaus** [DE/DE]; Asperger Strasse 6, 71732 Tamm (DE). **SCHÖLLER, Bernd** [DE/DE]; Garten Strasse 72, 76132 Karlsruhe (DE).
- (74) **KLICKOW, Hans-Henning**; 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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 5/145**
(11) **WO 03/079900** (13) A1
(21) PCT/JP03/03587
(22) **25 Mar/mar 2003 (25.03.2003)**
(25) ja (26) ja
(30) 2002/83587 **25 Mar/mar 2002 JP (25.03.2002)**
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • **NONINVASIVE BLOOD COMPONENT VALUE MEASURING INSTRUMENT AND METHOD**
• **INSTRUMENT ET TECHNIQUE DE MESURE DE PARAMETRES SANGUINS NON INVASIFS**
(71) **YOKOYAMA, Yoshikane** [JP/JP]; 28-7, Todoroki 3-chome, Setagaya-ku, Tokyo 158-0082 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(71, 72) **YAMAKOSHI, Ken-ichi** [JP/JP]; 5-57, Wakunami 3-chome, Kanazawa-shi, Ishikawa 920-0953 (JP).
(74) **OHGO, Norio** et al. / etc.; OHGO & TAKEHANA PATENT OFFICE, Solid Square East Tower 4F, 580, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0013 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 5/15**
(11) **WO 03/079901** (13) A1
(21) PCT/JP03/03383
(22) **19 Mar/mar 2003 (19.03.2003)**
- (25) ja (26) ja
(30) 2002-080329 **22 Mar/mar 2002 JP (22.03.2002)**
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • **BODY FLUID MEASURING ADAPTER AND BODY FLUID MEASURING UNIT**
• **ADAPTATEUR POUR MESURE DE FLUIDE CORPOREL ET UNITE DE MESURE DE FLUIDE CORPOREL**
(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) **MIYASHITA, Mariko** [JP/JP]; 16-3, Takaginishimachi, Nishinomiya-shi, Hyogo 663-8032 (JP). **TANIKE, Yuko** [JP/JP]; 3-1-10, Kawarayamachi, Chuo-ku, Osaka-shi, Osaka 542-0066 (JP). **YOSHIOKA, Toshihiko** [JP/JP]; 15-15-307, Takatsukacho, Hirakata-shi, Osaka 573-0035 (JP).
(74) **ISHII, Kazuo** et al. / etc.; Kitahama-Yamamoto Building, 3-6, Kitahama 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
(81) CN JP US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ **A61B 5/18, G06T 1/00**
(11) **WO 03/079902** (13) A1
(21) PCT/JP03/03739
(22) **26 Mar/mar 2003 (26.03.2003)**
(25) en (26) en
(30) 60/367,878 **26 Mar/mar 2002 US (26.03.2002)**
(30) 10/396,285 **24 Mar/mar 2003 US (24.03.2003)**
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • **REAL-TIME EYE DETECTION AND TRACKING UNDER VARIOUS LIGHT CONDITIONS**
• **DETECTION D'OEIL EN TEMPS REEL ET SUIVI SOUS CONDITIONS LUMINEUSES VARIEES**
(71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
(72) **FUJIMURA, Kikuo**; 3077 Middlefield Road, #203, Palo Alto, CA 94306 (US). **ZHU, Zhiwei**; One 16th Street, 2nd Floor, Troy, NY 12180 (US).
(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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **A61B 6/03**
(11) **WO 03/079903** (13) A1
(21) PCT/DE03/00818
(22) **13 Mar/mar 2003 (13.03.2003)**
(25) de (26) de
(30) 102 12 638.0 **21 Mar/mar 2002 DE (21.03.2002)**
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • **COMPUTER TOMOGRAPH COMPRISING ENERGY DISCRIMINATING DETECTORS**
• **TOMODENSITOMETRE EQUIPE DE DETECTEURS A DISCRIMINATION D'ENERGIE**
(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **VON DER HAAR, Thomas** [DE/DE]; Schlüsselwiesenweg 56, 90482 Nürnberg (DE). **HEISMAN, Björn** [DE/DE]; Hartmannstr. 105, 91052 Erlangen (DE).
(74) **SIEMENS AKTIENGESELLSCHAFT**; Wittelsbacherplatz 2, 80333 München (DE).
(81) CN IL JP US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (c)
Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : CN IL JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)
(u) for / pour US only / seulement
-
- (51)⁷ **A61B 7/02, 8/06**
(11) **WO 03/079904** (13) A1
(21) PCT/FR03/00972
(22) **27 Mar/mar 2003 (27.03.2003)**
(25) fr (26) fr
(30) 02/03833 **27 Mar/mar 2002 FR (27.03.2002)**
(30) 02/11152 **9 Sep/sep 2002 FR (09.09.2002)**
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • **APPARATUS FOR SCREENING AND DIAGNOSING BY DUAL STETHOSCOPIC AND DOPPLER DETECTION**
• **APPAREIL DE DEPISTAGE ET DE DIAGNOSTIC PAR DOUBLE DETECTION STETHOSCOPIQUE ET DOPPLER**
(71, 72) **BINDEFELD, Hervé** [FR/FR]; 20-24, rue des Acacias, F-75017 Paris (FR).
(74) **VIALLE PRESLES, Marie-José** et al. / etc.; Cabinet Ores, 36, rue St Petersburg, 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ A61B 8/06
- (11) WO 03/079905 (13) A1
- (21) PCT/JP03/03508
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) ja (26) ja
- (30) 2002-83060 25 Mar/mar 2002 JP
(25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ULTRASONIC TELEDIAGNO-
SIS/TELETREATMENT METHOD
AND ULTRASONIC TELEDIAGNO-
SIS/TELETREATMENT SYSTEM
- PROCEDE ET SYSTEME DE TELE-
DIAGNOSTIC/TELETRAITEMENT
PAR ULTRASONS
- (71) ACP JAPAN CO., LTD. [JP/JP]; 27-3,
Hongo 2-chome, Bunkyo-ku, Tokyo
113-0033 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (71, 72) NINOMIYA, Junichi [JP/JP]; 19-12,
Yutenji 1-chome, Meguro-ku, Tokyo
153-0052 (JP).
- (72, 75) NAKAMURA, Shoichi [JP/JP];
3926-31, Fujikubo, Miyoshicho, Iruma-gun,
Saitama 354-0041 (JP).
- (74) NISHIYAMA, Yoshiaki; 6-13, Kyobashi
1-chome, Chuo-ku, Tokyo 104-0031 (JP).
- (81) AU BR CA CN ID IL IN KR MX NO NZ PH
RU SG US VN.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
-
- (51)⁷ A61B 10/00
- (11) WO 03/079906 (13) A1
- (21) PCT/US03/07280
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 60/365,162 19 Mar/mar 2002 US
(19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND APPARATUS FOR AN-
ALYZING MAMMARY GLAND FLUID
- METHODE ET DISPOSITIF SERVANT
A ANALYER UN LIQUIDE SECRETE
PAR UNE GLANDE MAMMAIRE
- (71) CYTYC HEALTH CORPORATION
[US/US]; 85 Swanson Road, Boxborough,
MA 01719 (US).
- (72) HUNG, David; 2634 Belmont Canyon Road,
Belmont, CA 94002 (US).
- (74) HANLON, Brian, E.; Banner & Witcoff,
LTD, 11th Floor, 1001 G Street, N.W., Wash-
ington, D.C. 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ A61B 10/00
- (11) WO 03/079907 (13) A1
- (21) PCT/US03/08430
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 60/365,989 20 Mar/mar 2002 US
(20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • BIOPSY NEEDLE
- AIGUILLE DE BIOPSIE
- (71) THE UNIVERSITY OF TEXAS
HEALTH SCIENCE CENTER AT SAN
ANTONIO [US/US]; 3463 Magic Drive,
Suite 350, San Antonio, TX 78229 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (71, 72) ANGEL, Luis, F. [CO/US]; 2007 Larco
Way, San Antonio, TX 78230 (US).
- (74) MEYERTONS, HOOD, KIVLIN, KOW-
ERT & GOETZEL, P.C.; P.O. Box 398,
Austin, TX 78767-0398 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- Published / Publiée : (c)
-
- (51)⁷ A61B 17/02
- (11) WO 03/079908 (13) A1
- (21) PCT/US03/08018
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 60/365,026 18 Mar/mar 2002 US
(18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MINIMALLY INVASIVE BONE MA-
NIPULATION DEVICE AND METHOD
OF USE
- DISPOSITIF POUR MICROMANIPU-
LATION CHIRURGICALE OSSEUSE
ET SON PROCEDE D'UTILISATION

- (71) AMERICAN OSTEOMEDIX, INC.
[US/US]; 181 Technology Drive, Irvine,
CA 92618 (US).
- (72) MAJOR, Eric, D.; 21157 Cavalier Court,
Ashburn, VA 20147 (US). WOODS,
Richard, W.; 14 Melvin Avenue, Catonsville,
MD 21228 (US). BATHNAGAR, Mohit;
18712 Severn Road, Gaithersburg, MD
20879 (US). JONES, Scott, A.; 210 Grand-
view Drive, McMurray, PA 15317 (US).
- (74) VAN OVER, Perry, E. et al. / etc.; Piper
Rudnick LLP, 1200 Nineteenth Street, N.W.,
Washington, DC 20036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- Published / Publiée : (c)
-
- (51)⁷ A61B 17/072
- (11) WO 03/079909 (13) A2
- (21) PCT/US03/08342
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 60/365,761 19 Mar/mar 2002 US
(19.03.2002)
- (30) 60/416,371 4 Oct/oct 2002 US
(04.10.2002)
- (30) PCT/US02/31963 4 Oct/oct 2002 US
(04.10.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SURGICAL FASTENER APPLYING AP-
PARATUS
- APPAREIL D'APPLICATION D'ELE-
MENT D'ATTACHE CHIRURGICAL
- (71) TYCO HEALTHCARE GROUP, LP
[US/US]; 150 Glover Avenue, Norwalk, CT
06856 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) RETHY, Casaba, L. [US/US]; 303
Pansy Road, Fairfield, CT (US). EHREN-
FELS, Karl, H. [US/US]; 17 Quell Court,
Cheshire, CT 06410 (US). PEDROS, Robert
[US/US]; 114 New Street, Seymour, CT
06483 (US). IVANKO, David [US/US];
4659 Torrey Circle, Apt. 1302, San Diego,
CA 92130 (US). LEHN, Randolph, F.
[US/US]; 185 Goldbach Drive, Stratford, CT
06814 (US).
- (74) AUDET, Paul, R.; Tyco Healthcare Group,
LP, 150 Glover Avenue, Norwalk, CT 06850
(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 NI NO NZ OM PH PL PT RO

- RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ A61B 17/122, 17/11, 17/128, 17/28
- (11) WO 03/079910 (13) A1
- (21) PCT/US03/08786
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 10/104,866 21 Mar/mar 2002 US
(21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SURGICAL CLAMP PADS WITH DE-
FLECTING ELEMENTS
• TAMPONS DE CLAMPS CHIRURGI-
CAUX A ELEMENTS DE FLEXION
- (71) NOVARE SURGICAL SYSTEMS, INC.
[US/US]; 10231 Bubb Road, Cupertino, CA
95014 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) BUELNA, Terrence [US/US]; 1022
Roble Lane, Santa Barbara, CA 93103 (US).
- (74) KING, Cameron, A. et al. / etc.; Morrison
& Foerster LLP, 425 Market Street, San Fran-
cisco, CA 94105-2482 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ A61B 17/32
- (11) WO 03/079911 (13) A1
- (21) PCT/GB03/00570
- (22) 10 Feb/fév 2003 (10.02.2003)
- (25) en (26) en
- (30) 60/366,224 22 Mar/mar 2002 US
(22.03.2002)
- (30) 10/103,104 22 Mar/mar 2002 US
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • POWERED SURGICAL APPARATUS,
METHOD OF MANUFACTURING
POWERED SURGICAL APPARATUS,
AND METHOD OF USING POWERED
SURGICAL APPARATUS
• APPAREIL CHIRURGICAL A FONC-
TIONNEMENT ELECTRIQUE, PRO-
CEDE DE FABRICATION ET D'UTILI-
SATION ASSOCIES
- (71) GYRUS ENT L.L.C. [US/US]; 2925 Ap-
pling Road, Bartlett, TN 38133 (US).
- (71) GYRUS MEDICAL LIMITED [GB/GB];
Fortran Road, Saint Mellons, Cardiff CF3 0LT
(GB).
(only for / seulement pour LS)
- (72) JOHNSTON, Constance, Elaine; 10863
Raleigh LaGrange, Eads, TN 38028 (US).
RYAN, Phillip, Andrew; 3558 Charleswood
Avenue, Memphis, TN 38122 (US). MILLS,
Carrie, Deanne; 112 Nivens, Atoka, TN
38004 (US). MYKLEBY, Perry, Robin; 591
Grand Steeple Cove, Collierville, TN 38017
(US). BURROUGHS, Andrew, Christo-
pher; 7404 7th Avenue, Kenosha, WI 53143
(US). RUSH, Benjamin, Leo; 2116 Grant
Street, Evanston, IL 60201 (US). KARA-
HALIOS, Tasos, George; 131 N. Green
St., Apt. 201, Chicago, IL 60607 (US).
BRAUER, Jacob, Shieffelin; 2400 N. Lake-
view Ave., #504, Chicago, IL 60614 (US).
MONSON, Rodney, Hal; 1008 South Park,
Winthrop Harbor, IL 60096 (US). SUG-
ALSKI, Eric, Christopher; 120 N. Green
Street, Chicago, IL 60607 (US). ISAACS,
Dickon; 1426 N. Greenview Avenue, #2,
Chicago, IL 60622 (US). TAPPEL, James,
Gerard; 7550 Bendere Road, Hickory Cor-
ners, MI 49060 (US). ENDERS, Thomas,
Franz; 158 Holly Court, Mountain View,
CA 94043 (US). CHOW, Benjamin, Mark;
1136 Eddy Street, Apt. A, San Francisco,
CA 94109 (US). CRUSE, Energy, II; 780
Gull Avenue, Foster City, CA 94404 (US).
BRENNEMAN, Scott, Andrew; 299 Wa-
verly Street, Menlo Park, CA 94025 (US).
- (74) PRATT, David, Martin et al. / etc.; With-
ers & 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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- Published / Publiée : (c)
- (51)⁷ A61B 17/66, 17/80, A61C 8/00
- (11) WO 03/079912 (13) A1
- (21) PCT/DE03/00741
- (22) 8 Mar/mar 2003 (08.03.2003)
- (25) de (26) de
- (30) 102 12 815.4 22 Mar/mar 2002 DE
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DISTRACTION DEVICE USED FOR
OSTEOGENESIS
• APPAREIL DE DISTRACTION POUR
OSTEOGENESE
- (71, 72) FUCHS, Ernst [DE/CH]; Alsenstrasse
13, CH-8800 Thalwil (CH). CIERNY,
Michael [CH/CH]; Alte Landstr. 151,
CH-8802 Kilchberg (CH).
- (74) PÖHNER, Wilfried; Röntgenring 4, Post-
fach 63 23, 97070 Würzburg (DE).
- (81) AU BR CA CN JP KR MX NO SG US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
-
- Published / Publiée : (c)
- (51)⁷ A61B 17/68, 17/58
- (11) WO 03/079913 (13) A1
- (21) PCT/EP03/03213
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) de (26) de
- (30) A 481/2002 27 Mar/mar 2002 AT
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DEVICE FOR STABILISING A BREAK
IN A TUBULAR BONE
• DISPOSITIF POUR STABILISER UNE
FRACTURE DANS UN OS LONG
- (71, 72) SEYR, Volkmar [AT/AT]; Hensweg 25,
A-6060 Ampass (AT). GOREIS, Helmut
[AT/AT]; Sieglangerufer 135, A-6020 Inns-
bruck (AT).
- (74) KADOR & PARTNER; Corneliusstr. 15,
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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- Published / Publiée : (a)
- (51)⁷ A61B 17/70
- (11) WO 03/079914 (13) A1
- (21) PCT/US03/08565
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 10/102,525 19 Mar/mar 2002 US
(19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PERCUTANEOUS TECHNIQUE AND
IMPLANT FOR EXPANDING THE
SPINAL CANAL
• TECHNIQUE PAR VOIE PERCUTANEE
ET IMPLANT DESTINE A DILATER LE
CANAL VERTEBRAL
- (71) DEPUY ACROMED, INC. [US/US]; 325
Paramount Drive, Raynhan, MA 02767 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) ANDERSON, Greg, D. [US/US]; 138
Fontana Court, Charlottesville, VA 22911
(US).

(74) ZAHER, Alfred, W. et al. / etc.; Woodcock Washburn LLP, One Liberty Place, 46th Floor, Philadelphia, PA 19103 (US).

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

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

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

(u) for / pour US only / seulement

(51)⁷ A61B 18/00

(11) WO 03/079915 (13) A2

(21) PCT/EP03/02956

(22) 21 Mar/mar 2003 (21.03.2003)

(25) de (26) de

(30) 102 12 841.3 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MEDICAL INSTRUMENT FOR TREATING TISSUE BY MEANS OF HIGH-FREQUENCY CURRENT AND MEDICAL SYSTEM COMPRISING SUCH A MEDICAL INSTRUMENT

• INSTRUMENT MEDICAL POUR TRAITER DES TISSUS AU MOYEN DE COURANT HAUTE FREQUENCE ET SYSTEME MEDICAL COMPORTANT UN INSTRUMENT MEDICAL DE CE TYPE

(71) KARL STORZ GMBH % CO. KG [DE/DE]; Mittelstrasse 8, 78532 Tuttlingen (DE).

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

(72, 75) IRION, Klaus, M. [DE/DE]; Heudorfer Str. 38, 78576 Liptingen (DE). HAGE-LAUER, Ulrich [DE/DE]; Hinterhauserstrasse 3, 78464 Konstanz (DE).

(74) HEUCKEROTH, Volker et al. / etc.; Witte, Weller & Partner, Postfach 105462, 70047 Stuttgart (DE).

(81) US.

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

(51)⁷ A61B 18/14

(11) WO 03/079916 (13) A1

(21) PCT/IL03/00217

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 10/105,885 26 Mar/mar 2002 US (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND SYSTEM FOR TREATING SKIN WITH RF

• PROCEDE ET SYSTEME DE TRAITEMENT DE LA PEAU PAR ENERGIE RADIOFREQUENCE

(71) SYNERON MEDICAL LTD. [IL/IL]; Apolo Bldg., Industrial Zone (new), 20692 Yokneam Illit (IL).

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

(72, 75) KREINDEL, Michael [IL/IL]; 14 Saadia Gaon Street, 35592 Haifa (IL). WALDMAN, Amir [IL/IL]; 115 Moshav Yarqona, 45915 Yarqona (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61B 19/00

(11) WO 03/079917 (13) A1

(21) PCT/CA03/00387

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/063,121 22 Mar/mar 2002 US (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ORGAN SHIELDS FOR MEDICAL PROCEDURES

• BOUCLIER PROTEGEANT DES ORGANES LORS D'ACTES MEDICAUX

(71) JEAN-FRANCOIS DURETTE, OCULARISTE INC. [CA/CA]; 1170 boul. Henri-Bourassa Est, Montreal, Quebec H2C 1G4 (CA).

(72) DURETTE, Jean-François; 1170 boulevard Henri-Bourassa Est, Montreal, Quebec H2C 1G4 (CA).

(74) GRAVELLE, Louis-Pierre; Robic, 55 St-Jacques, Montreal, Quebec 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61B 19/02

(11) WO 03/079918 (13) A1

(21) PCT/FR03/00885

(22) 20 Mar/mar 2003 (20.03.2003)

(25) fr (26) fr

(30) 02/03594 22 Mar/mar 2002 FR (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PACKAGING AND DISPLAY BOX FOR AN OSTEOSYNTHESIS ASSEMBLY, PROTECTIVE SET AND DISPLAY CASE COMPRISING SAME

• BOITIER D'EMBALLAGE ET DE PRESENTATION POUR UN ENSEMBLE D'OSTEOSYNTHESE, ENSEMBLE DE PROTECTION ET COFFRET DE PRESENTATION COMPRENANT UN TEL BOITIER.

(71, 72) CARON, Philippe [FR/FR]; 22 rue Nansouty, B.P. 1040, 98713 Papeete (PF).

(74) BRIAT, Sophie et al. / etc.; 158 rue de l'Université, F-75340 Paris Cedex 07 (FR).

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

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

Published / Publiée : (c)

(51)⁷ A61B 19/08

(11) WO 03/079919 (13) A1

(21) PCT/SE03/00419

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 0200885-2 22 Mar/mar 2002 SE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DRAPING PRODUCT WITH ADHESIVE EDGE

• PRODUIT DE DRAPAGE DOTE D'UN REBORD ADHESIF

- (71) MÖLNLYCKE HEALTH CARE AB [SE/SE]; P.O.Box 13080, S-402 52 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GELLERSTEDT, Fredrik [SE/SE]; Bommen 4, S-439 94 Onsala (SE). JO-HANSSON, Helena [SE/SE]; Ålandsgatan 3, S-411 32 Göteborg (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B 19/08
(11) WO 03/079920 (13) A1
(21) PCT/SE03/00446
(22) 17 Mar/mar 2003 (17.03.2003)
(25) en (26) en
(30) 0200886-0 22 Mar/mar 2002 SE (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DRAPING PRODUCT HAVING AN ADHESIVE EDGE FOR SURGICAL INTERVENTIONS
• DRAP CHIRURGICAL COMPRENANT UN BORD ADHESIF, DESTINE A ETRE UTILISE DANS DES INTERVENTIONS CHIRURGICALES
- (71) MÖLNLYCKE HEALTH CARE AB [SE/SE]; P.O.Box 13080, S-402 52 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GELLERSTEDT, Fredrik [SE/SE]; Bommen 4, S-402 52 Onsala (SE). JO-HANSSON, Helena [SE/SE]; Ålandsgatan 3, S-411 32 Göteborg (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B 49/00 // 5/02
(11) WO 03/079921 (13) A1
(21) PCT/SE03/00510
(22) 27 Mar/mar 2003 (27.03.2003)
(25) en (26) en
(30) 0200932-2 27 Mar/mar 2002 SE (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DIAGNOSIS MARKER
• MARQUEUR DE DIAGNOSTIC
- (71) AGA AB (publ) [SE/SE]; S-181 81 Lidingö (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAHN, Robert [SE/SE]; Eklidsvägen 12, S-146 40 Tullinge (SE).
- (74) AWAPATENT AB; Box 45086, S-104 30 Stockholm (SE).
- (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 (Utility model / modèle d'utilité) 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61C
(11) WO 03/079922 (13) A2
(21) PCT/US03/05671
(22) 26 Feb/fév 2003 (26.02.2003)
(25) en (26) en
(30) 10/103,528 21 Mar/mar 2002 US (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • FIBER FLOCKED DENTAL POLISHING TIPS
• EMBOUTS DE POLISSAGE DENTAIRE A FIBRES FLOQUEES
- (71) ULTRADENT PRODUCTS, INC. [US/US]; 505 West 10200 South, South Jordan, UT 84905 (US).
- (72) FISCHER, Dan, E.; 10444 South Dimple Dell Road, Sandy, UT 84093 (US). LEWIS, Paul; 790 East Normandy Way, Midvale, UT 84047 (US).
- (74) NYDEGGER, Rick, D. et al. / etc.; Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61D 7/00, A61K 31/545, 9/08
(11) WO 03/079923 (13) A1
(21) PCT/US03/08571
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 60/366,212 21 Mar/mar 2002 US (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD OF ADMINISTERING AN INJECTABLE ANTIBIOTIC TO THE EAR OF AN ANIMAL
• PROCEDURE D'ADMINISTRATION D'ANTIBIOTIQUE INJECTABLE DANS L'OREILLE D'UN ANIMAL
- (71) PHARMACIA & UPJOHN COMPANY [US/US]; 301 Henrietta Street, Kalamazoo, MI 49007 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BROWN, Scott, A. [US/US]; 9800 Firefly Avenue, Kalamazoo, MI 49053 (US).
- (74) ZELLER, James, P.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
-
- (51)⁷ A61D 7/04
(11) WO 03/079924 (13) A1
(21) PCT/NO03/00101
(22) 26 Mar/mar 2003 (26.03.2003)
(25) en (26) en
(30) 20021535 27 Mar/mar 2002 NO (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • VENTILATED ANAESTHESIA INDUCTION CHAMBER
• CHAMBRE D'INDUCTION ANESTHESIQUE VENTILEE
- (71) RASMUSSEN ANESTHETIC INNOVATION [NO/NO]; Gml. Heggedalsvei 33, N-1389 Heggedal (NO).

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

(72, 75) RASMUSSEN, Henrik [DK/NO]; Gml. Heggedalsvei 33, N-1389 Heggedal (NO).

(74) RASMUSSEN, Henrik; Gml. Heggedalsvei 33, N-1389 Heggedal (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A61F

(11) WO 03/079925 (13) A2

(21) PCT/SE03/00470

(22) 21 Mar/mar 2003 (21.03.2003)

(25) sv (26) en

(30) 0200856-3 21 Mar/mar 2002 SE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • INSERT FOR ABSORBENT ARTICLE
• PIECE RAPPORTEE POUR ARTICLE ABSORBANT

(71) SCA HYGIENE PRODUCTS AB [SE/SE]; S-405 03 Göteborg (SE).

(72) MOBERG-ALEHAMMAR, Barbro; Svealiden 7, S-431 39 Mölndal (SE). DOVERBO, Anna-Gerd; Tvillinggatan 7 B, S-431 43 Mölndal (SE).

(74) 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61F

(11) WO 03/079926 (13) A2

(21) PCT/US03/07980

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 10/102,299 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CUSHIONED LINER AND USE WITH PROSTHETIC DEVICES

• MANCHON REMBOURRE ET SON UTILISATION AVEC DES APPAREILLAGES PROTHETIQUES

(71) SILIPOS INC. [US/US]; 366 Madison Avenue, New York, NY 10017 (US).

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

(72, 75) EBERLE, John, D. [US/US]; 197 Stevenson Boulevard, Amherst, NY 14226 (US). SCHAFFER, Stephen, P. [US/US]; 3432 Old Lakeview Road, Hamburg, NY 14075 (US). CARLSON, Ryan [US/US]; 5089 Berg Road, Buffalo, NY 14218 (US). MAY, Barry, A. [US/US]; 4733 Townline Road, Lockport, NY 14094 (US).

(74) ELLIS, Edward, J. 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61F

(11) WO 03/079927 (13) A2

(21) PCT/US03/08320

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/365,881 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHODS AND SYSTEMS FOR PERFORMING VITRECTOMY WITH CONTINUOUS PERFLUOROCARBON INFUSION

• PROCEDES ET SYSTEMES POUR EFFECTUER LA VITRECTOMIE A INFUSION CONTINUE DE PERFLUOROCARBONE

(71) S.K. PHARMACEUTICALS, INC. [US/US]; 31103 Rancho Viejo Road, #2-249, San Juan Capistrano, CA 92675 (US).

(72) QUIROZ-MERCADO, Hugo; Vicente Garcia Torres 46, San Lucas Coyoacan, 04030 Mexico City (MX).

(74) BUYAN, Robert, D.; Stout, Uxa, Buyan & Mullins LLP, 4 Venture, Suite 300, Irvine, CA 92618 (US).

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

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

(51)⁷ A61F

(11) WO 03/079928 (13) A2

(21) PCT/US03/08903

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 10/104,499 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BIOPROSTHESIS AND METHOD FOR SUTURELESSLY MAKING SAME

• BIOPROTHESE ET PROCEDE DE PRODUCTION SANS SUTURE DE CELLE-CI

(71) PROVIDENCE HEALTH SYSTEM-OREGON [US/US]; 520 Pike Street, P.O. Box 11038, Seattle, WA 98111-9038 (US).

(72) XIE, Hua; 10480 SW Eastridge #89, Portland, OR 97225 (US). BUCKLEY, Lisa, A.; 322 W 87th St., Apt. #1, New York, NY 10024 (US).

(74) WESTON, Cliff, D. et al. / etc.; Marger Johnson McCollom, P.C., 1030 SW Morrison Street, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61F

(11) WO 03/079929 (13) A2

(21) PCT/US03/08966

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 10/104,391 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SUTURELESS BIOPROSTHETIC STENT AND METHOD AND DEVICE FOR MANUFACTURING SAME

• BIOPROTHESE ENDOVASCULAIRE SANS SUTURE ET PROCEDE ET DISPOSITIF DE FABRICATION DE CELLE-CI

(71) PROVIDENCE HEALTH SYSTEM-OREGON [US/US]; 520 Pike Street, P.O. Box 11038, Seattle, WA 98111-9038 (US).

(72) XIE, Hua; 10480 S.W. Eastridge #89, Portland, OR 97225 (US). BUCKLEY, Lisa, A.; 322 W 87th ST., Apt. #1, New York, NY 10024 (US).

(74) WESTON, Cliff, D. et al. / etc.; Marger Johnson McCollom, P.C., 1030 SW Morrison Street, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61F 2/00, 2/04, 2/06, A61M 25/00, 25/01, 25/04

(11) WO 03/079930 (13) A1

(21) PCT/US03/07023

(22) 7 Mar/mar 2003 (07.03.2003)

(25) en (26) en

(30) 10/100,335 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • EXPANDABLE URETERAL STENT
• ENDOPROTHÈSE URÉTÉRALE EXTENSIBLE

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One SciMed Place, Maple Grove, MN 55311-1156 (US).

(72) GELLMAN, Barry, N.; 19 Pebble Brook Road, North Eastern, MA 02356 (US). BOTTCHER, Benjamin; 1048 Timberwale Lane, Kennesaw, GA 30152 (US).

(74) WORTH, Gerald, E.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

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(25) en (26) en

(30) 10/102,596 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HEATING METHOD FOR TISSUE CONTRACTION
• PROCÉDE DE CHAUFFAGE POUR CONTRACTION DE TISSU

(71) SURX, INC. [US/US]; 2675 Collier Canyon Road, Livermore, CA 94550 (US).

(72) LEVY, JR., Stanley; 12915 Regan Lane, Saratoga, CA 95070 (US). DIETZ, Timothy, G.; 2 White Oak Drive, Califon, NJ 07830 (US).

(74) WONG, Craig, P. 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

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(25) en (26) en

(30) 60/364,632 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHODS FOR INDUCING VASCULAR REMODELING AND RELATED METHODS FOR TREATING DISEASED VASCULAR STRUCTURES
• PROCÉDES PERMETTANT D'INDUIRE LE REMODELAGE VASCULAIRE ET PROCÉDES ASSOCIÉS POUR LE TRAITEMENT DE STRUCTURES VASCULAIRES MALADES

(71) PERCARDIA, INC. [US/US]; 10 Al Paul Lane, Suite 202, Merrimack, NH 03054 (US). (for all designated States except / pour tous les États désignés sauf US)

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(74) GARRETT, ARTHUR, S. et al. / etc.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

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(25) de (26) de

(30) 102 12 707.7 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR CRIMPING IMPLANTS
• DISPOSITIF DE COMPRESSION D'IMPLANTS

(71) PHYTIS MEDICAL DEVICES GMBH [DE/DE]; Wiesenweg 9, 12247 Berlin (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOGE, Jürgen [DE/DE]; Starkenburggring 13, 64665 Alsbach (DE).

(74) WOLFF, Felix et al. / etc.; Kutzenberger & Wolff, Theodor-Heuss-Ring 23, 50668 Köln (DE).

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

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

(51)⁷ A61F 2/06, 2/04

(11) WO 03/079934 (13) A1

(21) PCT/US03/07413

(22) 11 Mar/mar 2003 (11.03.2003)

(25) en (26) en

(30) 10/100,993 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • STENT RETENTION ELEMENT AND RELATED METHODS

- ELEMENT DE RETENUE DE TUTEUR ET PROCEDES ASSOCIES

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

(72) GELLMAN, Barry, N.; 19 Pebblebrook Road, North Easton, MA 02536 (US).

(74) ABRAMSON, Andrew, F.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61F 2/06

(11) WO 03/079935 (13) A1

(21) PCT/US03/08210

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/364,601 18 Mar/mar 2002 US (18.03.2002)

(30) 60/374,833 24 Apr/avr 2002 US (24.04.2002)

(30) 60/375,807 29 Apr/avr 2002 US (29.04.2002)

(30) 60/382,084 22 May/mai 2002 US (22.05.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS TO ATTACH AN UNSUPPORTED SURGICAL COMPONENT

- PROCEDE ET APPAREIL POUR FIXER UN COMPOSANT CHIRURGICAL SANS SUPPORT

(71) EVA CORPORATION [US/US]; Hugh H. Trout, III, M.D., 8218 Wisconsin Avenue, Suite 204, Bethesda, MD 20814 (US).

(72) TROUT, Hugh, H., III; 8218 Wisconsin Avenue, Suite 204, Bethesda, MD 20814 (US). PATTERSON, Frank; 18 Juniper Ridge Road, Exeter, NH 03833 (US).

(74) COULBY, John, N. et al. / etc.; Collier Shannon Scott, PLLC, 3050 K Street, N.W., Suite 400, Washington, DC 20007 (US).

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

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

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

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(25) en (26) en

(30) 60/365,497 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MEDICAL DEVICES FOR DELIVERING ANTI-PROLIFERATIVE COMPOSITIONS TO ANATOMICAL SITES AT RISK FOR RESTENOSIS

- DISPOSITIFS MEDICAUX CONÇUS POUR ADMINISTRER DES COMPOSITIONS ANTI-PROLIFERATIVES A DES SITES ANATOMIQUES A RISQUE CONTRE LA RESTENOSE

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

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(72, 75) TREMBLE, Patrice [US/US]; 3116 Luna Court, Santa Rosa, CA 95405 (US).

HENDRIKS, Marc [NL/NL]; Schumanstraat 6, NL-6441 Brunssum (NL). CARLYLE, Wenda [US/US]; P.O. Box 563, Silverado, CA 92676 (US).

(74) CULLMAN, Louis, C. 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ A61F 2/24

(11) WO 03/079937 (13) A2

(21) PCT/US03/06777

(22) 7 Mar/mar 2003 (07.03.2003)

(25) en (26) en

(30) 10/100,444 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FLEXIBLE ANNULOPLASTY PROSTHESIS AND HOLDER

- PROTHESE D'ANNULOPLASTIE FLEXIBLE ET SUPPORT ASSOCIE

(71) MEDTRONIC, INC. [US/US]; MS LC340, 710 Medtronic Parkway NE, Minneapolis, MN 55432 (US).

(72) RYAN, Timothy, R.; 6100 McKinley Circle, Shorewood, MN 55331 (US). MORROW, Joseph, C.; 12520 Cockspur Court, Eden Prairie, MN 55347 (US).

(74) LATHAM, Daniel, W. et al. / etc.; MS LC340, 710 Medtronic Parkway NE, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

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

(51)⁷ A61F 2/42

(11) WO 03/079938 (13) A1

(21) PCT/DE03/00827

(22) 13 Mar/mar 2003 (13.03.2003)

(25) de (26) de

(30) 102 13 063.9 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ARTIFICIAL JOINT

- ARTICULATION ARTIFICIELLE

(71) HJS GELENK SYSTEM GMBH [DE/DE]; Mauerkircherstrasse 180, 81925 München (DE).

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(72, 75) NÄGERL, Hans [DE/DE]; Lange Hecke 41, 37130 Gleichen (DE). THEUSNER, Joachim [DE/DE]; Odeonsplatz 2, 80539 München (DE). KUBEIN-MEESENBERG, Dietmar [DE/DE]; Robert-Koch-Strasse 40, 37075 Göttingen (DE).

(74) SCHEFFLER, Jörg; Tergau & Pohl, Hildesheimer Strasse 133, 30173 Hannover (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

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(25) en (26) en

(30) 10/103,237 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • VERTEBRAL BODY AND DISC SPACE REPLACEMENT DEVICES

- DISPOSITIFS DE REMPLACEMENT DES VERTEBRES ET DES DISQUES INTERVERTEBRAUX

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

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(72, 75) WHITE, John, L. [US/US]; 8017 Sandywood Lane, Bartlett, TN 38133 (US).

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SMITHEY, Jeffrey, S. [US/US]; 474 Canter Gait Lane, Collierville, TN 38017 (US).

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(74) COLLIER, Douglas, A.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(25) en (26) en

(30) 10-2002-0015554 22 Mar/mar 2002 KR (22.03.2002)

(30) 10-2002-0023242 27 Apr/avr 2002 KR (27.04.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A TRACTION APPARATUS FOR THE CERVICAL VERTEBRAE

- DISPOSITIF DE TRACTION POUR LES VERTEBRES CERVICALES

(71, 72) HAN, Jung-Min [KR/KR]; 409, Grandplaza 802-1, Madu 2-dong, Ilsan-gu, Goyang-city, 411-352 Gyeonggi-do (KR).

(74) HAN YANG PATENT FIRM; 10th Floor, Dacom Building, 706-1, Yeoksam-dong, Gangnam-gu, 135-987 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(30) 60/365,678 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYSTEM AND METHOD FOR PROSTHETIC FITTING AND BALANCING IN JOINTS

- SYSTEME ET PROCEDE D'EQUILIBRAGE ET DE POSE DE PROTHESES ARTICULAIRES

(71) THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS [US/US]; 506 South Wright Street, Urbana, IL 61801 (US).

(72) AMIROUCHE, Farid; 835 Woodbine Road, Highland Park, IL 60053 (US). GONZALEZ, Mark, H., M.D.; 2137 N. Bissell, Chicago, IL 60614 (US). ARAM, Luke; 915 S. Loomis, Chicago, IL 60607 (US). TAJIRI, Gordon; 7446 Inglenook Lane, Gurnee, Illinois (US).

(74) JAROSIK, Keith, R.; Marshall, Gerstein & Borun, 223 S. Wacker Drive, Suite 6300, Sears Tower, Chicago, IL 60606-6357 (US).

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

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

(51)⁷ A61F 5/04

(11) WO 03/079941 (13) A1

(21) PCT/KR03/00540

(22) 19 Mar/mar 2003 (19.03.2003)

(25) ko (26) en

(30) 10-2002-0015554 22 Mar/mar 2002 KR (22.03.2002)

(30) 10-2002-0023242 27 Apr/avr 2002 KR (27.04.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A TRACTION APPARATUS FOR THE CERVICAL VERTEBRAE

- DISPOSITIF DE TRACTION POUR LES VERTEBRES CERVICALES

(71, 72) HAN, Jung-Min [KR/KR]; 409, Grandplaza 802-1, Madu 2-dong, Ilsan-gu, Goyang-city, 411-352 Gyeonggi-do (KR).

(74) HAN YANG PATENT FIRM; 10th Floor, Dacom Building, 706-1, Yeoksam-dong, Gangnam-gu, 135-987 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

(51)⁷ A61F 5/44

(11) WO 03/079942 (13) A1

(21) PCT/IB03/01084

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 2002/2450 27 Mar/mar 2002 ZA (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BODY FLUID SAMPLING ASSEMBLY
• DISPOSITIF POUR PRELEVEMENT DE LIQUIDES CORPORELS

(71, 72) JORDAAN, Marius [ZA/ZA]; 122 General Hertzog Avenue, Three Rivers, Vereeniging, 1939 Gauteng (ZA).

(74) JOHN & KERNICK; P.O. Box 3511, Halfway House, Midrand, 1685 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61F 5/56, A47G 9/00

(11) WO 03/079943 (13) A1

(21) PCT/NL03/00014

(22) 10 Jan/jan 2003 (10.01.2003)

(25) nl (26) en

(30) 1020108 4 Mar/mar 2002 NL (04.03.2002)

(30) 1020477 26 Apr/avr 2002 NL (26.04.2002)

(30) 1022279 30 Dec/déc 2002 NL (30.12.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PILLOW FOR PREVENTING SNORING
• OREILLER DESTINE A PREVENIR LE RONFLEMENT

(71, 72) KOOPS, Jan [NL/NL]; Albert Hahnlaan 6, NL-9744 HS Groningen (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 NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61F 11/00
(11) WO 03/079944 (13) A1
(21) PCT/US03/05968
(22) 26 Feb/fév 2003 (26.02.2003)
(25) en (26) en
(30) 10/103,487 20 Mar/mar 2002 US (20.03.2002)
(30) 10/150,547 17 May/mai 2002 US (17.05.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • REMOVABLE ANCHORED LUNG VOLUME REDUCTION DEVICES AND METHODS
• DISPOSITIFS DE REDUCTION DU VOLUME PULMONAIRE ANCRÉS ET DETACHABLES ET PROCÉDES ASSOCIÉS
(63) US 10/103,487 (CON) 20 Mar/mar 2002 (20.03.2002)
US 10/150,547 (CON) 17 May/mai 2002 (17.05.2002)
(71) SPIRATION, INC. [US/US]; 18109 NE 76th St, Redmond, WA 98052 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) ALFERNESS, Clifton, A. [US/US]; 9010 - 258th Avenue NE, Redmond, WA 98053 (US). DILLARD, David, H. [US/US]; 7923 - 152nd Ave NE, Redmond, WA 98052 (US). GONZALEZ, Hugo, X. [EC/US]; 23406 - 75th Ave SE, Woodinville, WA 98072 (US). YI, Seung [US/US]; 14036 - 89th Ave NE, Bothell, WA 98011 (US). DEVORE, Lauri, J. [US/US]; 17036 - 13 th Ave NE, Seattle, WA 98155 (US). PARK, Mia [US/US]; 10765 - 221st Lane NE, Redmond, WA 98052 (US). CORCORAN, Dean, T. [US/US]; 3411 - 192nd St SE, Bothell, WA 98012 (US). RIMBAUGH, Jenni [US/US]; 304 - 214th St SW, Bothell, WA (US).
(74) KNOBBE, MARTENS, OLSON & BEAR; 2040 Main Street, Fourteenth Floor, Irvine, CA 760-0404 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD OF ADMINISTERING BUPRENORPHINE TO TREAT DEPRESSION
• METHODE D'ADMINISTRATION DE BUPRENORPHINE POUR TRAITER LA DEPRESSION
(71) EURO-CELTIQUE S.A. [LU/LU]; 122, boulevard de la Petrusse, L-2330 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) KAIKO, Robert, F. [US/US]; 10 Norfield Woods Road, Weston, CT 06883 (US). SANCHEZ, Ramiro [US/US]; 26233 Town Walk Drive East, Hamden, CT 06518 (US).
(74) FEHLNER, Paul, F. et al. / etc.; Darby & Darby P.C., Post Office 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A61F 13/15
(11) WO 03/079946 (13) A2
(21) PCT/US03/04729
(22) 19 Feb/fév 2003 (19.02.2003)
(25) en (26) en
(30) 60/366,593 21 Mar/mar 2002 US (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DESIGNING DRY AND POROUS ABSORBENT COMPOSITES CONTAINING SUPER-ABSORBENT POLYMERS
• CONCEPTION DE COMPOSITES SECS ET POREUX ABSORBANTS CONTENANT DES POLYMERES ULTRA-ABSORBANTS
(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) BUCHHOLZ, Fredric, L. [US/US]; 256 East Youngs Court, Midland, MI 48640 (US). ALLAN, David, S. [US/US]; 5402 Nakoma Drive, Midland, MI 48640 (US). WEIR, Joseph, L. [US/US]; 1009 Scott Street, Midland, MI 48640 (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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- MZ NO NZ OM PH PL PT RO RU SD SE SG 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 HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61F 13/20
(11) WO 03/079947 (13) A1
(21) PCT/US03/07624
(22) 12 Mar/mar 2003 (12.03.2003)
(25) en (26) en
(30) 60/365,672 18 Mar/mar 2002 US (18.03.2002)
(30) 10/150,055 16 May/mai 2002 US (16.05.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • SHAPED TAMPON
• TAMPON PROFILE
(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(72) KOLLWITZ, Andrea; 6 Rue du Clos, CH-1207 Geneva (CH). ALMOND, Nanda, Christine; 12120 Percival Road, Walton, KY 41094 (US). RANDALL, Catherine, Jean; 3202 Ashwood Drive, Cincinnati, OH 45213 (US). BERG, Charles, John, Jr.; 575 Tohatchi Drive, Wyoming, OH 45215 (US). DOMEIER, Wolfgang, Werner Hans; Wehrstrasse 42, 52372 Kreuzau-Drove (DE).
(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 SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61F 13/20, 13/22, 6/08
(11) WO 03/079948 (13) A1
(21) PCT/US03/07625
(22) 12 Mar/mar 2003 (12.03.2003)
(25) en (26) en
(30) 60/365,426 18 Mar/mar 2002 US (18.03.2002)
(30) 10/150,050 16 May/mai 2002 US (16.05.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (51)⁷ A61F 13/00
(11) WO 03/079945 (13) A1
(21) PCT/US03/08796
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
(30) 60/366,358 20 Mar/mar 2002 US (20.03.2002)

- (54) • SUBSTANTIALLY SERPENTINE SHAPED TAMPON
• TAMPON EN FORME DE SERPENTIN
- (71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) RANDALL, Catherine, Jean; 3202 Ashwood Drive, Cincinnati, OH 45213 (US). BERG, Charles, John, Jr.; 575 Tohatchi Drive, Wyoming, OH 45215 (US). KOLLWITZ, Andrea; 6 Rue du Clos, CH-1207 Geneva (CH). SCHAFFER, Angela, Alexa; Berliner Strausse 30, 65824 Schwalbach (DE). LAWTON, Rachel, Ann; Geisspitzweg 8, 65929 Frankfurt (DE). ALMOND, Nanda, Christine; 12120 Percival Road, Walton, KY 41094 (US). DOMEIER, Wolfgang, Werner Hans; Wehrstrasse 42, 52372 Kreuzau-Drove (DE). FUCHS, Sybille; Niddagastr. 75, 60489 Frankfurt (DE).
- (74) REED, T., David 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 SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61F 13/49
(11) WO 03/079950 (13) A1
(21) PCT/JP03/03017
(22) 13 Mar/mar 2003 (13.03.2003)
(25) ja (26) ja
(30) 2002-083560 25 Mar/mar 2002 JP (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • UNDERPANTS TYPE DISPOSABLE DIAPER
• COUCHE JETABLE DE TYPE CULOTTE
- (71) UNI-CHARM CO., LTD. [JP/JP]; 182, Shimobun, Kinsei-cho, Kawano-cho, Ehime 799-0111 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKINO, Shunsuke [JP/JP]; c/o Technical Center, UNI-CHARM Co., Ltd., 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa 769-1602 (JP). OTSUBO, Toshifumi [JP/JP]; c/o Technical Center, UNI-CHARM Co., Ltd., 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa 769-1602 (JP).
- (74) SHIRAHAMA, Yoshiharu et al. / etc.; Ishii Bldg., 1-10, Shimbashi 3-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 KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61F 13/53, B65H 19/00
(11) WO 03/079951 (13) A1
(21) PCT/US03/07649
- (74) REED, T., David 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 SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61F 13/20
(11) WO 03/079949 (13) A1
(21) PCT/US03/07626
(22) 12 Mar/mar 2003 (12.03.2003)
(25) en (26) en
(30) 60/365,669 18 Mar/mar 2002 US (18.03.2002)
(30) 10/150,049 16 May/mai 2002 US (16.05.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD OF PRODUCING A SHAPED TAMPON
• PROCEDE DE PRODUCTION D'UN TAMPON HYGIENIQUE PROFILE
- (71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) SAGESER, David, Mark; 3557 Outlook Avenue, Cincinnati, OH 45208 (US). NICHOLAS, Francis, Michael; 19 Millpond Court, Addlestone, Surrey KT152JY (GB). BERG, Charles, John, Jr.; 575 Tohatchi Drive, Wyoming, OH 45215 (US). BARTON, James, Henry; Am Trieb 12, 61479 Oberems (DE).
- (22) 11 Mar/mar 2003 (11.03.2003)
(25) en (26) en
(30) 60/366,285 20 Mar/mar 2002 US (20.03.2002)
(30) 10/192,136 9 Jul/juil 2002 US (09.07.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • USABLE SPLICE FOR A STABILIZED ABSORBENT AND METHOD FOR MAKING THE SPLICE
• EPISSURE UTILISEE POUR UN ABSORBANT STABILISE ET PROCEDE DE FABRICATION DE LADITE EPISSURE
- (71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).
- (72) MAKOLIN, Robert, J.; 909 Reddin Avenue, Neenah, WI 54956 (US). NICKEL, David, J.; 2149 Cottonwood Dr., Menasha, WI 54952 (US).
- (74) YEE, Paul, Y. et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 N. Lake St., Neenah, WI 54956 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations
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- (51)⁷ A61F 13/58
(11) WO 03/079952 (13) A1
(21) PCT/JP03/01803
(22) 19 Feb/fév 2003 (19.02.2003)
(25) ja (26) ja
(30) 2002-80795 22 Mar/mar 2002 JP (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DISPOSABLE WEARING ARTICLE AND METHOD FOR PRODUCING THE SAME
• ARTICLE VESTIMENTAIRE JETABLE ET PROCEDE DE PRODUCTION DE CET ARTICLE
- (71) UNI-CHARM CO., LTD. [JP/JP]; 182, Shimobun, Kinsei-cho, Kawano-cho, Ehime 799-0111 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIMOE, Nariaki [JP/JP]; c/o Technical Center, UNI-CHARM Co., Ltd., 1531-7, Takasuka, Wadahama, Toyohama-cho, Mi-toyo-gun, Kagawa 769-1602 (JP).

(74) SHIRAHAMA, Yoshiharu et al. / etc.: Ishii Bldg., 1-10, Shimbashi 3-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 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61G

(11) WO 03/079953 (13) A2

(21) PCT/US03/08189

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/365,295 18 Mar/mar 2002 US (18.03.2002)

(30) 60/408,698 6 Sep/sep 2002 US (06.09.2002)

(30) 60/436,289 23 Dec/déc 2002 US (23.12.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HOSPITAL BED CONTROL APPARATUS

• APPAREIL DE COMMANDE D'UN LIT D'HOPITAL

(71) HILL-ROM SERVICES, INC. [US/US]; 300 Delaware Avenue, Suite 530, Wilmington, DE 19801 (US).

(72, 75) DIXON, Steven, A. [US/US]; 9553 Oldwoods Drive, Hamilton, OH 45011 (US). WELLING, Jeffrey, R. [US/US]; 27 Lynn Haven Drive, Batesville, IN 47006 (US). STOLPMANN, James, R. [US/US]; 1432 Fairway Drive, Lawrenceburg, IN 47025 (US). SKINNER, Andrew, F. [US/US]; 204 North Vine Street, Batesville, IN 47006 (US).

(74) NIEDNAGEL, Timothy, E.; Bose McKinney & Evans LLP, 2700 First Indiana Plaza, 135 North Pennsylvania Street, Indianapolis, IN 46204 (US).

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

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

(51)⁷ A61H

(11) WO 03/079954 (13) A2

(21) PCT/US03/08248

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/101,597 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • POSTERIOR LUMBAR LORDOSIS ORTHOTIC DEVICE

• DISPOSITIF D'ORTHESE POUR LORDOSE LOMBAIRE POSTERIEURE

(71) THE BREMER GROUP COMPANY [US/US]; 11243-5 St.Johns Industrial Pkwy. S., Jacksonville, Florida 32246 (US).

(72) BREMER, Ross, L.; P.O. Box 330438, Atlantic Beach, FL 32233 (US). COLEMAN, Richard, W.; 160 Shelby's Cove Ct., Ponte Vedra, FL 32082 (US). HILL, Nolan L.; 2245 Hirsch Avenue, Jacksonville, FL 32216 (US). WULLENWEBER, Kurt; 1811 Pirates Point Road, Yulee, FL 32097 (US).

(74) BESHA, Richard, G.; Nixon & Vanderhye, P.C., 1100 North Glebe Road, Suite 800, Arlington, VA 22307 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61H 35/00, A47K 3/022

(11) WO 03/079955 (13) A1

(21) PCT/IB03/01082

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 02102261.6 25 Mar/mar 2002 HK (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FOOT CARE DEVICE

• APPAREIL POUR SOINS DES PIEDS

(71) DICKSON INDUSTRIAL CO. LTD. [CN/CN]; Block A-C, 4/F., Wing Hin Factory Building, 31-33 Ng Fong Street, San Po Kon, Kowloon, Hong Kong SAR (CN). (for all designated States except / pour tous les États désignés sauf US)

(71) DAVIES, Paul, R. [—/CN]; 7/F., Alexandra House, Chater Road, Hong Kong SAR (CN). (only for / seulement pour NZ)

(72, 75) CHAN, Wing, Kin [CA/CN]; Block A-C, 4/F., Wing Hin Factory Building, 31-33 Ng Fong Street, San Po Kong, Kowloon, Hong Kong SAR (CN).

(74) DAVIES, Paul, R.; 7/F., Alexandra House, Chater Road, Central, Hong Kong SAR (CN).

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

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

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

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

(u) for / pour US only / seulement

(51)⁷ A61J 1/20, A61M 39/00

(11) WO 03/079956 (13) A1

(21) PCT/SE03/00405

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 10/063,159 26 Mar/mar 2002 US (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FLUID TRANSFER ASSEMBLY

• ENSEMBLE DE TRANSFERT DE FLUIDE

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(74) STRÖM & GULLIKSSON IP AB; Sjöporten 4, S-417 64 Göteborg (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility

- model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61J 7/00, 15/00, A47G 21/18, B65D 77/28
- (11) WO 03/079957 (13) A1
- (21) PCT/EP03/03133
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) de (26) de
- (30) 102 13 773.0 27 Mar/mar 2002 DE (27.03.2002)
- (30) 102 28 175.0 24 Jun/juin 2002 DE (24.06.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ADMINISTRATION FORM FOR ORAL ADMINISTRATION OF ACTIVE INGREDIENTS, VITAMINS AND/OR NUTRIENTS
- FORME GALENIQUE POUR ADMINISTRATION ORALE DE PRINCIPES ACTIFS, VITAMINES ET/OU SUBSTANCES NUTRITIVES
- (71) GRÜNENTHAL GMBH [DE/DE]; Zieglerstrasse 6, 52078 Aachen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEDAGHAT KERDAR, Rasoul [DE/DE]; Apolloniastr. 73, 52080 Aachen (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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ A61J 7/00, 15/00, A47G 21/18, B65D 77/28
- (11) WO 03/079957 (13) A1
- (21) PCT/EP03/03133
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) de (26) de
- (30) 102 13 773.0 27 Mar/mar 2002 DE (27.03.2002)
- (30) 102 28 175.0 24 Jun/juin 2002 DE (24.06.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ADMINISTRATION FORM FOR ORAL ADMINISTRATION OF ACTIVE INGREDIENTS, VITAMINS AND/OR NUTRIENTS
- FORME GALENIQUE POUR ADMINISTRATION ORALE DE PRINCIPES ACTIFS, VITAMINES ET/OU SUBSTANCES NUTRITIVES
- (71) GRÜNENTHAL GMBH [DE/DE]; Zieglerstrasse 6, 52078 Aachen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEDAGHAT KERDAR, Rasoul [DE/DE]; Apolloniastr. 73, 52080 Aachen (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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ A61J 7/04
- (11) WO 03/079959 (13) A1
- (21) PCT/EP03/02934
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) de (26) de
- (30) 102 12 711.5 21 Mar/mar 2002 DE (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TABLET BOX
- BOITE A COMPRIMES
- (71) SIX P. AG [DE/DE]; Uferstrasse 22, 73525 Schwäbisch Gmünd (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PIEPER, Wolfgang [DE/DE]; Ahornweg 9, 73550 Waldstetten (DE).
NEIDLINGER, Christian [DE/DE]; Fred-Uhlmann-Strasse 10, 70619 Stuttgart (DE).
- (DE). STROBEL, Matthias [DE/DE]; Parlerstrasse 12, 73525 Schwäbisch Gmünd (DE).
- (74) WINTER, Martina; Kirchstrasse 4/6, 71364 Winnenden (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ A61J 17/00
- (11) WO 03/079960 (13) A1
- (21) PCT/EP03/03061
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) de (26) de
- (30) 102 12 847.2 22 Mar/mar 2002 DE (22.03.2002)
- (30) 102 27 787.7 21 Jun/juin 2002 DE (21.06.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PACIFIER
- TETINE
- (71) NOVATEX GMBH [DE/DE]; Johann-Egestroff-Strasse 8a, 30982 Pattensen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STRUCKMEIER, Hans [DE/DE]; Im Mühlenfelde 24, 30982 Pattensen (DE).
STRUCKMEIER, Armin [DE/DE]; Am Moritzberg 19, 30982 Pattensen (DE).
HINZ, Rolf [DE/DE]; Körnerstr. 6, 44623 Herne (DE).
BROCKHAUS, Rolf [DE/DE]; Toppstrasse 1, 44229 Dortmund (DE).
- (74) HELD, Stephan et al. / etc.; Meissner, Bolte & Partner GbR, Postfach 86 03 29, 81630 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K
- (11) WO 03/079961 (13) A2
- (21) PCT/EP03/02950
- (22) 20 Mar/mar 2003 (20.03.2003)

- (25) de (26) de
 (30) 102 13 371.9 **21 Mar/mar 2002** DE
 (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR PRODUCING 7SG(A)-METHYL STEROIDS
 • PROCEDE DE PRODUCTION DE STEROIDES 7SG(A)-METHYLE
- (71) SCHERING AKTIENGESELLSCHAFT [DE/DE]; Muellerstrasse 178, 13353 Berlin (DE).
- (72) WILLUHN, Marc; Torfstrasse 16, 13353 Berlin (DE). PETROV, Orlin; Friedrichshaller Strasse 7b, 14199 Berlin (DE). AMOULONG-KIRSTEIN, Evelin; Mendelsstrasse 41, 13187 Berlin (DE). VETTEL, Stephan; Waldmannstrasse 9, 12247 Berlin (DE). MATZEIT, Agnes; Körnerstrasse 37, 59423 Unna (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K
 (11) WO 03/079962 (13) A2
 (21) PCT/EP03/03004
 (22) 22 Mar/mar 2003 (22.03.2003)
 (25) de (26) de
 (30) 102 13 772.2 **27 Mar/mar 2002** DE
 (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ASSEMBLED UNIT CONSISTING OF INDIVIDUALLY SEPARABLE TRANSDERMAL THERAPEUTIC SYSTEMS
 • UNITE DE LIAISON DE SYSTEMES THERAPEUTIQUES TRANSDERMALMIQUES SEPARABLES INDIVIDUELLEMENT
- (71) GRÜNENTHAL GMBH [DE/DE]; Zieglerstr. 6, 52078 Aachen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WILSMANN, Klaus, M. [DE/DE]; Pilsgerborn 12, 52159 Roetgen (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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
 (11) WO 03/079964 (13) A2
 (21) PCT/IB03/01021
 (22) 20 Mar/mar 2003 (20.03.2003)
 (25) en (26) en
 (30) 2002/2307 **22 Mar/mar 2002** ZA
 (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COMPOSITION FOR STIMULATING DE NOVO BONE INDUCTION
 • COMPOSITION POUR LA STIMULATION D'INDUCTION OSSEUSE NOUVELLE
- (71) UNIVERSITY OF WITWATERSRAND [ZA/ZA]; Bone Research Unit, 7 York Road, Medical School, Parktown 2193, Gauteng Province (ZA). MEDICAL RESEARCH COUNCIL OF SOUTH AFRICA [ZA/ZA]; Francie van Zyl Drive, Parow Valley 7500, Cape Town, Western Cape Province (ZA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RIPAMONTI, Ugo [IT/ZA]; 168 Panorama Drive, Constantia Kloof 1709, Gauteng Province (ZA).
- (74) JOHN & KERNICK; P.O. BOX 3511, Halfway House, Midrand, 1685 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
 (11) WO 03/079966 (13) A2
 (21) PCT/IL03/00239
 (22) 19 Mar/mar 2003 (19.03.2003)
 (25) en (26) en
 (30) 148921 **26 Mar/mar 2002** IL
 (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
 (11) WO 03/079965 (13) A2
 (21) PCT/IL03/00224
 (22) 16 Mar/mar 2003 (16.03.2003)
 (25) en (26) en
 (30) 148825 **21 Mar/mar 2002** IL
 (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DERIVATIVES OF ISOFLAVONES
 • DERIVES D'ISOFLAVONES
- (71) YEDA RESEARCH AND DEVELOPMENT CO. LTD. [IL/IL]; at the Weizmann Institute of Science, P.O. Box 95, Rehovot 76100 (IL). THE MEDICAL RESEARCH FUND NEAR THE TEL-AVIV SOURASKY MEDICAL CENTER [IL/IL]; 6 Weizmann Street, Tel Aviv 64239 (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOHEN, Fortune [IL/IL]; 33/16 Basel Street, 62744 Tel-Aviv (IL). GAYER, Batya [IL/IL]; 9a Hamagen Street, Mazkeret Batya 76804 (IL). STERN, Naftali [IL/IL]; 17 Harimon Street, Nir Zvi 72905 (IL). SOMJEN, Dalia [IL/IL]; 15 Rozinsky Street, Rehovot 76453 (IL).
- (74) WEBB, Cynthia; Webb & Associates, P.O. Box 2189, Rehovot 76121 (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
 (11) WO 03/079967 (13) A2
 (21) PCT/IL03/00239
 (22) 19 Mar/mar 2003 (19.03.2003)
 (25) en (26) en
 (30) 148921 **26 Mar/mar 2002** IL
 (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (54) • PHOTO-ACTIVE BACKBONE CYCLIZED SOMATOSTATIN ANALOGS FOR PHOTODYNAMIC THERAPY AND IMAGING
- ANALOGUES DE LA SOMATOSTATINE PHOTOACTIFS CYCLISES PAR LE SQUELETTE POUR THERAPIE PHOTODYNAMIQUE ET IMAGERIE
- (71) PEPTOR, LTD. [IL/IL]; Kiryat Weizmann, Rehovot 76326 (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BONASERA, Thomas, A. [US/IT]; Via Santa Maria Rossa, 8, I-20132 Milan (IT). LIVNAH, Nurit [IL/IL]; 23/1 Ella Street, 76804 Mazkeret Batya (IL). SALITRA, Yoseph [IL/IL]; Binyamin Street 40, 76241 Rehovot (IL). YECHEZKEL, Tamar [IL/IL]; Shalom Alechem Street 16, 52221 Ramat-Gan (IL).
- (74) WEBB, Cynthia; Webb & Associates, P.O. Box 2189, Rehovot 76121 (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 03/079967 (13) A2
- (21) PCT/IL03/00241
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 60/367,261 26 Mar/mar 2002 US (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • STINGING CELLS EXPRESSING AN EXOGENOUS POLYNUCLEOTIDE ENCODING A THERAPEUTIC, DIAGNOSTIC OR A COSMETIC AGENT AND METHODS COMPOSITIONS AND DEVICES UTILIZING SUCH STINGING CELLS OR CAPSULES DERIVED THEREFROM FOR DELIVERING THE THERAPEUTIC, DIAGNOSTIC OR COSMETIC AGENT INTO A TISSUE
- CELLULES URTICANTES EXPRI-MANT UN POLYNUCLEOTIDE EXOGENE QUI CODE POUR UN AGENT THERAPEUTIQUE, DIAGNOSTIC OU COSMETIQUE, ET PROCEDES, COMPOSITIONS ET DISPOSITIFS FAISANT INTERVENIR L'UTILISATION DE CES CELLULES URTICANTES OU DE CAPSULES DERIVEES DE CELLES-CI POUR ADMINISTRER L'AGENT THERAPEUTIQUE, DIAGNOSTIC OU COSMETIQUE A
- (71) NANOCYTE INC. [US/US]; 1209 Orange Street, Wilmington, DE 19801 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LOTAN, Tamar [IL/IL]; Moshava Kineret, 15 105 Jordan Valley (IL). ECKHOUSE, Shimon [IL/IL]; 52 Haag Street, 34 820 Haifa (IL). SHAOUL, Esther [IL/IL]; 29 Shoshanim Street, 36 842 Nesher (IL).
- (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 03/079968 (13) A2
- (21) PCT/IL03/00251
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) en (26) en
- (30) 60/367,271 26 Mar/mar 2002 US (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • USE OF AN ORGAN-SPECIFIC SELF-PATHOGEN FOR TREATMENT OF A NON-AUTOIMMUNE DISEASE OF SAID ORGAN
- UTILISATION D'UN AUTO-PATHOGENE SPECIFIQUE A UN ORGANE POUR LE TRAITEMENT D'UNE MALADIE NON AUTO-IMMUNE DUDIT ORGANE
- (71) YEDA RESEARCH AND DEVELOPMENT CO. LTD [IL/IL]; at the Weizmann Institute of Science, P.O. Box 95, 76100 Rehovot (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EISENBACH-SCHWARTZ, Michal [IL/IL]; 5, Rupin Street, 76353 Rehovot (IL). MIZRAHI, Tal [IL/IL]; 21 Moshav Ge'alya, 76885 Moshav Ge'alya (IL).
- (74) BEN-AMI & ASSOCIATES; P.O. Box 94, 2 Pekeris Street, Beit Madaim, Park Tamar, 76100 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 03/079970 (13) A2
- (21) PCT/IN03/00089
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) en (26) en
- (30) 302-MUM-2002 27 Mar/mar 2002 IN (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • 4-(DIARYLMETHYL)-1-PIPER-AZINYL DERIVATIVES
- DERIVES DE 4-(DIARYLME-THYLE)-1-PIPERAZINYLE
- (71) SUN PHARMACEUTICAL INDUSTRIES LIMITED [IN/IN]; ACME PLAZA, ANDHERI KURLA ROAD, ANDHERI, 400059 MUMBAI (IN).
(for all designated States except / pour tous les États désignés sauf US)
- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K
- (11) WO 03/079969 (13) A2
- (21) PCT/IL03/00253
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) en (26) en
- (30) 148924 26 Mar/mar 2002 IL (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COMPOSITIONS AND METHODS FOR TREATING AND PREVENTING NECROSIS
- COMPOSITIONS ET PROCEDES PERMETTANT DE TRAITER ET DE PREVENIR LA NECROSE
- (71) BEN-GURION UNIVERSITY OF THE NEGEV [IL/IL]; RESEARCH AND DEVELOPMENT AUTHORITY, P.O.Box 653, 84105 Beer Sheva (IL). MOR RESEARCH APPLICATIONS LTD [IL/IL]; P.O.Box 7590, 49170 Petach Tikva (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NATHAN, Ilana [IL/IL]; Sirpad St. 5, 84965 Omer (IL). LICHTENSTEIN, Alexandra [IL/IL]; Yehuda Steinberg St. 12/17, 84508 Beer Sheva (IL).
- (74) PYERNIK, Moshe et al. / etc.; PYERNIK RUTMAN, P.O.Box 10012, 84106 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 03/079970 (13) A2
- (21) PCT/IN03/00089
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) en (26) en
- (30) 302-MUM-2002 27 Mar/mar 2002 IN (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • 4-(DIARYLMETHYL)-1-PIPER-AZINYL DERIVATIVES
- DERIVES DE 4-(DIARYLME-THYLE)-1-PIPERAZINYLE
- (71) SUN PHARMACEUTICAL INDUSTRIES LIMITED [IN/IN]; ACME PLAZA, ANDHERI KURLA ROAD, ANDHERI, 400059 MUMBAI (IN).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **MIDHA, Ajay, Sohanlal** [IN/IN]; SUN PHARMA ADVANCED RESEARCH CENTRE, AKOTA ROAD, AKOTA, 390020 BARODA (IN). **CHOKSHI, Hemant, Ashvinbhai** [IN/IN]; SUN PHARMA ADVANCED RESEARCH CENTRE, AKOTA ROAD, AKOTA, 390020 BARODA (IN). **CHITTURI, Trinadha, Rao** [IN/IN]; SUN PHARMA ADVANCED RESEARCH CENTRE, AKOTA ROAD, AKOTA, 390020 BARODA (IN). **THENNATI, Rajamannar** [IN/IN]; SUN PHARMA ADVANCED RESEARCH CENTRE, AKOTA ROAD, AKOTA, 390020 BARODA (IN).
- (74) **SUN PHARMACEUTICAL INDUSTRIES LIMITED**; ACME PLAZA, ANDHERI KURLA ROAD, ANDHERI, 400059 MUMBAI (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
 (11) **WO 03/079971** (13) **A2**
 (21) PCT/US02/40574
 (22) **18 Dec/déc 2002 (18.12.2002)**
 (25) en (26) en
 (30) PCT/US02/06516 **4 Mar/mar 2002 US (04.03.2002)**
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • **QUANTUM DYNAMIC DISCRIMINATOR FOR MOLECULAR AGENTS**
 • **DISCRIMINATEUR DYNAMIQUE QUANTIQUE POUR AGENTS MOLECULAIRES**
- (71) **TRUSTEES OF PRINCETON UNIVERSITY** [US/US]; P.O. Box 36, Princeton, NJ 08544 (US). **WAYNE STATE UNIVERSITY** [US/US]; 4032 Faculty/Administration Building, 656 West Kirby, Detroit, MI 48202 (US).
- (72) **HERSCHEL, Rabitz**; 13 Holly Lane, Lawrenceville, NJ 08648 (US). **SCHREIBER, Elmar**; Hochschule Bremen, Neustadtswall 30, 28199 Bremen (DE). **LEVIS, Robert, J.**; Department of Chemistry, Temple University 016-00, 201 Beury Hall, 1901 North 13th Street, Philadelphia, PA 19122 (US).
- (74) **CALDWELL, John, W. et al. / etc.**; Woodcock Washburn LLP, One Liberty Place - 46th Floor, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
 (11) **WO 03/079973** (13) **A2**
 (21) PCT/US03/06403
 (22) **4 Mar/mar 2003 (04.03.2003)**
 (25) en (26) en
 (30) 60/362,922 **8 Mar/mar 2002 US (08.03.2002)**
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • **MITOTIC KINESIN INHIBITORS**
 • **INHIBITEURS DE KINESINE MITOTIQUE**
- (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) **BRESLIN, Michael, J.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **COLEMAN, Paul, J.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **COX, Christopher, D.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **CULBERSON, J., Christopher** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **HARTMAN, George, D.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **MARIANO, Brenda, J.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **TORRENT, Maricel** [ES/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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
 (11) **WO 03/079974** (13) **A2**
 (21) PCT/US03/06610
 (22) **6 Mar/mar 2003 (06.03.2003)**
 (25) en (26) en
 (30) 60/365,370 **18 Mar/mar 2002 US (18.03.2002)**
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • **INTEGRIN LIGAND**
 • **LIGAND D'INTEGRINE**
- (71) **THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA** [US/US]; 1501 North Campbell Avenue, Tucson, AZ 85724 (US). **DYAX CORPORATION** [US/US]; 8th Floor, 300 Technology Square, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CRESS, Anne, E.** [US/US]; 4121 N. San Simeon Road, Tucson, AZ 85718 (US). **EDGE, Albert** [US/US]; 208 Homer Street, Newton, MA 02459 (US).
- (74) **MYERS, Louis**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT

- RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) WO 03/079975 (13) A2
(21) PCT/US03/07811
(22) 15 Mar/mar 2003 (15.03.2003)
(25) en (26) en
(30) 60/365,612 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROCESS FOR THE MANUFACTURE OF OPTICALLY ACTIVE 3-SUBSTITUTED LACTAMS BY ASYMMETRIC HYDROGENATION OF 3-ALKYLIDENELACTAMS
• PROCEDE DE FABRICATION DE LACTAMES SUBSTITUES EN POSITION 3 ET OPTIQUEMENT ACTIFS, PAR HYDROGENATION ASYMETRIQUE DE 3-ALKYLIDENELACTAMES
- (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) NUGENT, William, A. [US/US]; 5 Coachman Court, Wilmington, DE 19803 (US). YUE, Tai, Y. [GB/US]; 609 Blossom Circle, South Brunswick, NJ 08810 (US).
- (74) VANATTEN, Mary, K. 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations
-
- (51)⁷ A61K
(11) WO 03/079976 (13) A2
(21) PCT/US03/07827
(22) 14 Mar/mar 2003 (14.03.2003)
(25) en (26) en
(30) 2002107079/14 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A SUBSTANCE WITH SEDATIVE EFFECT
• SUBSTANCE AYANT UNE ACTION SEDATIVE
- (71) TECHNOLOGY COMMERCIALIZATION CORP. [—/US]; 45 Tudor City Place, Suite 1619, New York, NY 10017 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KRYLOV, Boris, Vladimirovich [RU/RU]; 17 Bukova Street, Apt. 101, selo Pavlovo, Leningrad District, 188680 (RU). SHCHEGOLEV, Boris, Fedorovich [RU/RU]; 3/2 Lenskaya Street, Apt. 17, St.-Petersburg, 195426 (RU).
- (74) LESCHINSKY, Boris; P.O. Box 72, Waldwick, NJ 07463 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) WO 03/079977 (13) A2
(21) PCT/US03/08071
(22) 17 Mar/mar 2003 (17.03.2003)
(25) en (26) en
(30) 10/105,612 20 Mar/mar 2002 US (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NOVEL COMPOSITIONS AND METHODS IN CANCER ASSOCIATED WITH ALTERED EXPRESSION OF MCM3AP
• NOUVELLES COMPOSITIONS ET PROCEDES UTILISES DANS LE TRAITEMENT DU CANCER ET ASSOCIES A L'EXPRESSION MODIFIEE DE MCM3AP
- (71) SAGRES DISCOVERY [US/US]; 2795 2nd Street, Suite 400, Davis, CA 95616 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORRIS, David, W. [US/US]; 2841 Emerald Bay Drive, Davis, CA 95616 (US).
- (74) BASU, Shantanu 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) WO 03/079978 (13) A2
(21) PCT/US03/08121
(22) 14 Mar/mar 2003 (14.03.2003)
(25) en (26) en
(30) 60/365,165 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROTEASE ACTIVITY OF THROMBIN INHIBITS ANGIOGENESIS
• ACTIVITE DE PROTEASE DE LA THROMBINE POUR INHIBER L'ANGIOGENESE
- (63) US 60/365,165 (CIP)
18 Mar/mar 2002 (18.03.2002)
- (71) BETH ISRAEL DEACONESS MEDICAL CENTER [US/US]; d30 Brookline Avenue, Boston, MA 02215 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUKHATME, Vikas, P. [US/US]; 36 Sky View Circle, Newton, MA 02459 (US). MERCHAN, Jaime [EC/US]; 10 Arnold Road, #36, North Quincy, MA 02171 (US). CHAN, Barden [—/US]; 228 Kelton Street, Apt. 6, Allston, MA 02134 (US).
- (74) BIEKER-BRADY, Kristina; Clark & Elbing 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) WO 03/079979 (13) A2
(21) PCT/US03/08215
(22) 18 Mar/mar 2003 (18.03.2003)
(25) en (26) en
(30) 60/364,736 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR TREATING CONGESTIVE HEART FAILURE
• PROCEDE DE TRAITEMENT D'INSUFFISANCE CARDIAQUE GLOBALE
- (71) SCIOS INC. [US/US]; 617 North Mary Avenue, Sunnyvale, CA 94085 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHREINER, George, F.** [US/US]; 12774 Leander Drive, Los Altos, CA 94022 (US).

(74) **KAIS, Samuel, M.**; Scios INC., 617 North Mary Avenue, Sunnyvale, CA 94085 (US).

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

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

(51)⁷ A61K

(11) **WO 03/079980** (13) A2

(21) PCT/US03/08260

(22) **19 Mar/mar 2003 (19.03.2003)**

(25) en (26) en

(30) 60/365,180 **19 Mar/mar 2002 US (19.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CABOXYLIC ACID GLYCURONIDES, GLYCOSAMIDES AND GLYCOSIDES OF QUINOLONONES, PENICILLINS, ANALOGS, AND USES THEREOF

• GLUCURONIDES, GLUCOSAMIDES ET GLUCOSIDES D'ACIDE CARBOXYLIQUE, DE QUINOLONONES, PENICILLINES ET ANALOGUES, ET LEURS UTILISATIONS

(71) **A & D BIOSCIENCE, INC.** [US/US]; 31 Bishop Lane, Sudbury, MA 01776 (US).

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

(72, 75) **HOLICK, Michael, F.** [US/US]; 31 Bishop Lane, Sudbury, MA 01776 (US). **RAMANATHAN, Halasya** [IN/US]; Apartment 7, 183 Bemis Road, Fitchburg, MA 01420 (US).

(74) **ESMOND, Robert, W.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W., Washington, D.C. 20005-3934 (US).

(81) CA US.

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

(51)⁷ A61K

(11) **WO 03/079981** (13) A2

(21) PCT/US03/08266

(22) **19 Mar/mar 2003 (19.03.2003)**

(25) en (26) en

(30) 10/101,014 **20 Mar/mar 2002 US (20.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BIOADHESIVE DRUG DELIVERY SYSTEM

• SYSTEME BIODHESIF D'ADMINISTRATION DE MEDICAMENTS

(71) **DRUGTECH CORPORATION** [US/US]; 300 Delaware Avenue, Wilmington, DE 19801 (US).

(72) **KIRSCHNER, Mitchell, I.**; 7235 Creveling Drive, St. Louis, MO 63130 (US). **LEVINSOHN, R., Saul**; 17020 Kimwood Court, Chesterfield, MO 63005 (US). **RILEY, Thomas, C.**; 762 Galway Drive, Manchester, MO 63021 (US). **HERMELIN, Marc, S.**; 2503 South Hanley Road, St. Louis, MO 63144 (US).

(74) **NATH, Gary, M.**; Nath & Associates P.L.L.C., 6th Floor, 1030 15th Street, N.W., Washington, D.C. 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K

(11) **WO 03/079982** (13) A2

(21) PCT/US03/08305

(22) **18 Mar/mar 2003 (18.03.2003)**

(25) en (26) en

(30) 60/365,192 **19 Mar/mar 2002 US (19.03.2002)**

(30) 60/365,206 **19 Mar/mar 2002 US (19.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • GENE AMPLIFICATION IN CANCER

• AMPLIFICATION DE GENES EN CAS DE CANCER

(71) **TULARIK INC.** [US/US]; Two Corporate Drive, South San Francisco, CA 94080 (US).

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

(72, 75) **LI, Jing** [US/US]; Apt. 5C, 142-15 Franklin Avenue, Flushing, NY 11355 (US). **POWERS, Scott** [US/US]; 6 Westbrook Court, Greenlawn, NY 11740 (US). **YANG, Jianxin** [US/US]; 5 Rimlet Drive, Commack, NY 11725 (US).

(74) **ISACSON, John, P.** et al. / etc.; Heller Ehrman White & McAuliffe LLP, 1666 K Street, N.W., Suite 300, Washington, DC 20006-1228 (US).

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

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

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

(51)⁷ A61K

(11) **WO 03/079983** (13) A2

(21) PCT/US03/08323

(22) **18 Mar/mar 2003 (18.03.2003)**

(25) en (26) en

(30) 60/367,050 **21 Mar/mar 2002 US (21.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHODS OF PREPARING SUBSTITUTED TETRACYCLINES WITH TRANSITION METAL-BASED CHEMISTRIES

• PROCEDES DE PREPARATION DE TETRACYCLINES SUBSTITUEES AVEC DES COMPOSITIONS CHIMIQUES A BASE DE METAL DE TRANSITION

(71) **TRUSTEES OF TUFTS COLLEGE** [US/US]; 136 Harrison Avenue, Boston, MA 02111 (US).

(72) **NELSON, Mark, L.**; 735 Worcester Road, Wellesley, MA 02481 (US). **RENNIE, Glen**; 39 Simpson Avenue, Somerville, MA 02144 (US). **KOZA, Darrell, J.**; 16 Ledward Avenue, Westerly, RI 02891 (US).

(74) **HANLEY, Elizabeth, A.** et al. / etc.; Lahive & Cockfield LLP, 28 State Street, Boston, MA 02109 (US).

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

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

(51)⁷ A61K

(11) **WO 03/079984** (13) A2

(21) PCT/US03/08324

(22) **18 Mar/mar 2003 (18.03.2003)**

(25) en (26) en

(30) 60/367,045 **21 Mar/mar 2002 US (21.03.2002)**

(30) 60/366,915 **21 Mar/mar 2002 US (21.03.2002)**

(30) 60/367,048 **21 Mar/mar 2002 US (21.03.2002)**

(30) 60/395,468 **12 Jul/juil 2002 US (12.07.2002)**

(30) 60/440,305 **14 Jan/jan 2003 US (14.01.2003)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SUBSTITUTED TETRACYCLINE COMPOUNDS

- COMPOSES DE TETRACYCLINE SUBSTITUEE
- (71) PARATEK PHARMACEUTICALS, INC. [US/US]; 75 Kneeland Street, Boston, MA 02111 (US).
- (72) NELSON, Mark, L.; 735 Worcester Road, Wellesley, MA 02481 (US). OHEMENG, Kwasi; 400 Engamore Lane, Apt. 101, Norwood, MA 02062 (US). FRECHETTE, Roger; 40 Estate Lane, Reading, MA 01867 (US). ABATO, Paul; 41 Pembroke Avenue, Providence, RI 02408 (US). ASSEFA, Haregewein; 29 McCusker Drive, #5, Braintree, MA 02184 (US). BANDARAGE, Upul; 11 Bates Road, Lexington, MA 02421 (US). BERNIAC, Joel; 21 Sunrise Avenue, Stoneham, MA 02180 (US). BHATIA, Beena; 3 Brian Lane, Mansfield, MA 02048 (US). CHEN, Jackson; 1731 Beacon Street, #204, Brookline, MA 02445 (US). ISMAIL, Mohamed, Y.; 5 Hunt Road, Bedford, MA 01730 (US). KIM, Oak, A.; 86 Ellery Street, #1 Apt. 24, Cambridge, MA 02138 (US). MATHEWS, Jude; 633 Moody Street, Waltham, MA 02453 (US). MCINTYRE, Laura; 27 Thorndike Street, Arlington, MA 02474 (US). NIHLAWI, Mohammed; 230 Willard Street, #512, Quincy, MA 02169 (US). PEARSON, Andre; 23 Cutter Street, 32, Somerville, MA 02143 (US). REDDY, Laxma; 49 Eldred Street, Lexington, MA 02420 (US). SHEAHAN, Paul; 4174 Bannock Avenue, San Diego, CA 92117 (US). SIZENSKY, Emmanuelle; 4 Blackstone Lane, South Grafton, MA 01560 (US). TOURIGNY, Justin; 42 Brainerd Road, #1, Allston, MA 02134 (US). VERMA, Atul, K.; 3 Brian Lane, Mansfield, MA 02048 (US). VISKI, Peter; 887 West Roxbury Parkway, Brookline, MA 02467 (US). WARCHOL, Tadeusz; 177 South Street, Northborough, MA 01532 (US).
- (74) HANLEY, Elizabeth, A. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 03/079985 (13) A2
- (21) PCT/US03/08380
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 60/365,451 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND APPARATUS FOR PREPARING BIOMIMETIC SCAPFOLD
- PROCEDE ET APPAREIL PERMETTANT DE PREPARER UN SQUELETTE BIOMIMETIQUE
- (71) CARNEGIE MELLON UNIVERSITY [US/US]; 4400 Fifth Avenue, Pittsburgh, PA 15213 (US).
- (72) WEISS, Lee, E.; 5600 Munhall Road, Apt. 402, Pittsburgh, PA 15217 (US). CAMPBELL, Phil, G.; 108 Richbarn Road, Pittsburgh, PA 15212 (US).
- (74) OLIVER, Kevin, A. et al. / etc.; Foley Hoag, LLP, World Trade Center West, 155 Seaport Boulevard, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 03/079986 (13) A2
- (21) PCT/US03/08412
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) en (26) en
- (30) 60/365,334 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • URACIL DERIVATIVES AS INHIBITORS OF TNF-ALPHA CONVERTING ENZYME (TACE) AND MATRIX METALLOPROTEINASES
- DERIVES D'URACILE UTILISES EN TANT QU'INHIBITEURS DE L'ENZYME TNF-ALPHA CONVERTASE (TACE) ET METALLOPROTEASES MATRICIELLES
- (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) MADUSKUIE, Thomas, P. [US/US]; 613 Foulkstone Road, Wilmington, DE 19803 (US).
- (74) BELFIELD, Jing, S. et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Route 206 and Provinceline Road, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 03/079988 (13) A2
- (21) PCT/US03/08445
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 60/365,793 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • USE OF TAGATOSE IN LAXATIVES
- UTILISATION DE TAGATOSE DANS DES LAXATIFS
- (71) SPHERIX INCORPORATED [US/US]; 12051 Indian Creek Ct., Beltsville, MD 20705 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEVIN, Gilbert [US/US]; 3180 Harness Creek Road, Annapolis, MD 21403 (US).
- (74) BERDO, Robert et al. / etc.; Roylance, Abrams, Berdo & Goodman, L.L.P., 1300
- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 03/079987 (13) A2
- (21) PCT/US03/08442
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 60/365,933 20 Mar/mar 2002 US (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A NON-SELECTIVE CATION CHANNEL IN NEURAL CELLS AND METHODS FOR TREATING BRAIN SWELLING
- CANAL CATIONIQUE NON SELECTIF DANS DES CELLULES NEURONALES ET PROCEDES DE TRAITEMENT D'OEDEME CEREBRAL
- (71) UNIVERSITY OF MARYLAND BALTIMORE [US/US]; 4th Floor, 515 West Lombard Street, Baltimore, MD 21201 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SIMARD, J., Marc [US/US]; 5223 Springlake Way, Baltimore, MD 21212 (US). MINGKUI, Chen [US/US]; 4311 Alan Drive, Apt. B, Baltimore, MD 21229 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
- (11) WO 03/079988 (13) A2
- (21) PCT/US03/08445
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 60/365,793 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • USE OF TAGATOSE IN LAXATIVES
- UTILISATION DE TAGATOSE DANS DES LAXATIFS
- (71) SPHERIX INCORPORATED [US/US]; 12051 Indian Creek Ct., Beltsville, MD 20705 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEVIN, Gilbert [US/US]; 3180 Harness Creek Road, Annapolis, MD 21403 (US).
- (74) BERDO, Robert 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) WO 03/079989 (13) A2
(21) PCT/US03/08503
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
(30) 10/103,234 21 Mar/mar 2002 US (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DEVICE AND METHOD FOR MINIMIZING RESTENOSIS AFTER ANGIOPLASTY TREATMENT
• DISPOSITIF ET PROCÉDE POUR REDUIRE LA RESTENOSE APRES UNE ANGIOPLASTIE
(71) CERAMOPTEC INDUSTRIES, INC. [US/US]; 515 Shaker Road, East Longmeadow, MA 01028 (US).
(72) NEUBERGER, Wolfgang; 905 Beta Tower Financial Park, 87000 F.T. Labuan (MY).
(74) SKUTNIK, Bolesh, J.; CeramOptec Industries, Inc., 515 Shaker Road, East Longmeadow, 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 HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ A61K
(11) WO 03/079990 (13) A2
(21) PCT/US03/08559
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 60/365,411 19 Mar/mar 2002 US (19.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • MICROENCAPSULATION USING ULTRASONIC ATOMIZERS
• MICROENCAPSULATION A L'AIDE D'ATOMISEURS ULTRASONIQUES
(71) PURDUE RESEARCH FOUNDATION [US/US]; 1291 Cumberland Avenue, West Lafayette, IN 47906 (US).
(72) PARK, Kinam; 455 Lagrange St., West Lafayette, IN 47906 (US). YEO, Yoon; 3056 Pheasant Run Dr. #1046, Lafayette, IN 47909 (US).
(74) MEADOWS, James, H.; 2804 Kentucky Ave., Joplin, MO 64804 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) WO 03/079991 (13) A2
(21) PCT/US03/08658
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 60/366,488 20 Mar/mar 2002 US (20.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD FOR ADMINISTRATION OF GROWTH HORMONE VIA PULMONARY DELIVERY
• TECHNIQUE D'ADMINISTRATION D'HORMONE DE CROISSANCE PAR VOIE PULMONAIRE
(71) ADVANCED INHALATION RESEARCH, INC. [US/US]; 88 Sidney Street, Cambridge, MA 02139 (US). ELI LILLY AND COMPANY [US/US]; Eli Lilly Corporate Center, Indianapolis, IN 46285 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BLIZZARD, Charles, D. [US/US]; 109 Highview Street, Westwood, MA 02090 (US). CHIPMAN, John, J. [US/US]; 12136 Crestwood Drive, Carmel, IN 46033 (US). CUTLER, Gordon, B., Jr. [US/US]; 10609 Walnut Creek Drive West, Carmel, IN 46032 (US). JACKSON, Blair [CA/US]; 826 Willard Street, Apt. 11, Quincy, MA 02169 (US). JOHNSTON, Lloyd [CA/US]; 32 Winslow Road, Belmont, MA 02478 (US). LUCAS, Richard, A. [GB/GB]; 28 Heathcote Road, Twickenham, Middlesex TW1 1RX (GB). MINTZES, Jeffrey [US/US]; 221 Kearsing Parkway, Apt. G, Monsey, NY 10952 (US).
(74) ELMORE, Carolyn, S. et al. / etc.; Elmore Craig, P.C., 209 Main Street, North Chelmsford, MA 01863 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) WO 03/079992 (13) A2
(21) PCT/US03/08659
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 60/366,471 20 Mar/mar 2002 US (20.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • PULMONARY DELIVERY FOR LEVODOPA
• APPORT PULMONAIRE DE LEVODOPA
(71) ADVANCED INHALATION RESEARCH, INC. [US/US]; 88 Sidney Street, Cambridge, MA 02139-4136 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) JACKSON, Blair [CA/US]; 826 Willard Street, Apt. 11, Quincy, MA 02169 (US). BENNETT, David, J. [US/US]; 80 Corey Road, Apt. 1, Brighton, MA 02135 (US). BARTUS, Raymond, T. [US/US]; 89 Fox Run, Sudbury, MA 01776 (US). EMERICH, Dwaine, F. [US/US]; 245 Armington Street, Cranston, RI 02905 (US).
(74) ELMORE, Carolyn, S.; Elmore Craig, P.C., 209 Main Street, Chelmsford, MA 01863 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) WO 03/079993 (13) A2
(21) PCT/US03/08660
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 60/366,488 20 Mar/mar 2002 US (20.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • hGH (HUMAN GROWTH HORMONE) FORMULATIONS FOR PULMONARY ADMINISTRATION
• PREPARATIONS D'HORMONE DE CROISSANCE HUMAINE (HCH) DESTINEES A ETRE ADMINISTREES PAR VOIE PULMONAIRE
(71) ADVANCED INHALATION RESEARCH, INC. [US/US]; 88 Sidney Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) JACKSON, Blair [CA/US]; Apartment 11, 826 Willard Street, Quincy, MA 02169 (US). JOHNSTON, Lloyd [CA/US]; 32

- Winslow Road, Belmont, MA 02478 (US). **BLIZZARD, Charles, D.** [US/US]; 109 Highview Street, Westwood, MA 02090 (US). **MINTZES, Jeffrey** [US/US]; Apartment G, 221 Kearsing Parkway, Monsey, NY 10952 (US).
- (74) **ELMORE, Carolyn S.**; Elmore Craig, P.C., 209 Main Street, North Chelmsford, MA 01863 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) WO 03/079994 (13) A2
(21) PCT/US03/08705
(22) 18 Mar/mar 2003 (18.03.2003)
(25) en (26) en
(30) 10/105,804 20 Mar/mar 2002 US (20.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHODS AND DEVICES FOR THE IN SITU DISSOLUTION OF RENAL CALCULI
• PROCEDES ET DISPOSITIFS DE DISSOLUTION DE CALCULS RENAUX IN SITU
- (71) **CORAZON TECHNOLOGIES, INC.** [US/US]; 191 Jefferson Drive, Menlo Park, CA 94025 (US).
- (72) **CONSTANTZ, Brent, R.**; 10201 Bubb Road, Cupertino, CA 95014 (US).
- (74) **FIELD, Bret, E.**; Bozicevic, Field & Francis, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) WO 03/079995 (13) A2
(21) PCT/US03/08795
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
- (30) 60/366,060 20 Mar/mar 2002 US (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NEISSERIA MUTANTS, LIPOOLIGOSACCHARIDES AND IMMUNOGENIC COMPOSITIONS
• MUTANTS DE NEISSERIA, LIPOOLIGOSACCHARIDES ET COMPOSITIONS IMMUNOGENES
- (71) **EMORY UNIVERSITY** [US/US]; 1784 North Decatur Road, Atlanta, GA 30322 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STEPHENS, David, S.** [US/US]; 5221 Gauley River Drive, Stone Mountain, GA 30087 (US). **TZENG, Yih-Ling** [Stateless / apatriote/US]; 2969 Dale Drive, Atlanta, GA 30305 (US). **ZUGHAIER, SuSu** [Stateless / apatriote/US]; 1385 Merry Lane, Atlanta, GA 30329 (US). **ZIMMER, Shanta** [US/US]; 1754 Ridgeway, Atlanta, GA 30307 (US).
- (74) **FERBER, Donna, M.** et al. / etc.; Greenlee, Winner and Sullivan, P.C., 5370 Manhattan Circle, Suite 201, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) WO 03/079996 (13) A2
(21) PCT/US03/08834
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 60/365,903 19 Mar/mar 2002 US (19.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROCESS FOR PREPARING PURIFIED S-BEL AND R-BEL AND COMPOSITIONS THEREOF
• PROCEDE DE PREPARATION DE BEL S ET DE BEL R PURIFIES ET LEURS COMPOSITIONS
- (71) **WASHINGTON UNIVERSITY IN ST. LOUIS** [US/US]; One Brookling Drive, St. Louis, MO 63130 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GROSS, Richard, W.** [US/US]; 307 Chesterfield Oaks, Chesterfield, MO 63005 (US).
- (74) **BEULICK, John, S.** et al. / etc.; Armstrong Teasdale LLP, Suite 2600, One Metropolitan Square, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) WO 03/079997 (13) A2
(21) PCT/US03/08935
(22) 21 Mar/mar 2003 (21.03.2003)
(25) en (26) en
(30) 60/367,071 21 Mar/mar 2002 US (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROSTAGLANDIN F_{2α} ANALOGS AND THEIR USE IN COMBINATION WITH ANTIMICROBIAL PROTEINS FOR THE TREATMENT OF GLAUCOMA AND INTRAOCULAR HYPERTENSION
• ANALOGUES DE LA PROSTAGLANDINE F<SB>2?</SB> ET LEUR UTILISATION COMBINEE A DES PROTEINES ANTIMICROBIENNES DANS LE TRAITEMENT DU GLAUCOME ET DE L'HYPERTENSION INTRA-OCULAIRE
- (63) US 60/367,071 (CON) 21 Mar/mar 2002 (21.03.2002)
- (71) **CAYMAN CHEMICAL COMPANY** [US/US]; 1180 E. Ellsworth Road, Ann Arbor, MI 48108 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MAXEY, Kirk, M.** [US/US]; 3724 South Taft Hill Road, Fort Collins, CO 80526 (US). **JOHNSON, Jennifer** [US/US]; c/o Cayman Chemical Company, 1180 E. Ellsworth Road, Ann Arbor, MI 48108 (US).
- (74) **ROHM, Benita, J.** et al. / etc.; Rohm & Monsanto, PLC, Suite 1525, 660 Woodward Avenue, Detroit, MI 48226 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) WO 03/079998 (13) A2
(21) PCT/US03/08944
(22) 21 Mar/mar 2003 (21.03.2003)
(25) en (26) en

- (30) 60/366,363 **21 Mar/mar 2002** US
(21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TREATMENT OF DISEASES INVOLVING DEFECTIVE GAP JUNCTIONAL COMMUNICATION
• TRAITEMENT DE MALADIES IMPLIQUANT LA COMMUNICATION DEFECTUEUSE DE LA JONCTION LACUNAIRE
- (71) **MARS, INCORPORATED** [US/US]; 6885 Elm Street, McLean, VA 22102-3883 (US).
- (72) **SIES, Helmut**; Am Wald 26, 40667 Meerbusch (DE).
- (74) **JAIN, Nada**; Nada Jain, P.C., 11 Georgia Lane, Croton-on-Hudson, NY 10520 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
- (11) **WO 03/080000** (13) A2
- (21) PCT/US03/09062
- (22) **21 Mar/mar 2003** (21.03.2003)
- (25) en (26) en
- (30) 60/366,207 **21 Mar/mar 2002** US
(21.03.2002)
- (30) 60/366,218 **21 Mar/mar 2002** US
(21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MODULATION OF ANGIOGENESIS THROUGH TARGETING OF CYSTEINE OXYGENASE ACTIVITY
• MODULATION DE L'ANGIOGENESE PAR CIBLAGE DE L'ACTIVITE DE LA CYSTEINE OXYGENASE
- (63) US 60/366,207 (CIP)
21 Mar/mar 2002 (21.03.2002)
US 60/366,218 (CIP)
21 Mar/mar 2002 (21.03.2002)
- (71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, MC 210-85, Pasadena, CA 91125 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KWON, Yong, Tae** [KR/US]; 2460 Wedgewood Drive, Wexford, PA 15090 (US). **DAVYDOV, Ilia, V.** [RU/US]; 13823 Grey Colt Drive, North Potomac, MD 20878 (US). **HU, Rong-gui** [CN/US]; 207 S. Craig Avenue, Pasadena, CA 91107 (US). **DU, Fangyong** [CN/US]; 224 Huntington Street, Apt.#1, New Haven, Connecticut 06511 (US). **VARSHAVSKY, Alexander** [US/US]; 5224 Escalante Drive, La Canada, CA 91011 (US).
- (74) **HAILE, Lisa, A.**; Gray Cary Ware & Freidenrich LLP, 4365 Executive Drive, Suite 1100, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 7/00**
- (11) **WO 03/080001** (13) A1
- (21) PCT/EP03/02577
- (22) **13 Mar/mar 2003** (13.03.2003)
- (25) de (26) de
- (30) 102 12 705.0 **21 Mar/mar 2002** DE
(21.03.2002)
- (30) 102 27 500.9 **19 Jun/juin 2002** DE
(19.06.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CATIONIC POLYMERS AND THE USE THEREOF IN COSMETIC FORMULATIONS
• POLYMERISATS CATIONIQUES ET LEUR UTILISATION DANS DES FORMULATIONS COSMETIQUES
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WOOD, Claudia** [DE/DE]; Nibelungenstr. 5, 69469 Weinheim (DE). **ANGEL, Maximilian** [DE/DE]; Bayernstr.12, 67105 Schifferstadt (DE). **CHRISSTOFFELS, Lysander** [DE/DE]; Chenover Str.2, 67117 Limburgerhof (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61K 7/00**
- (11) **WO 03/080002** (13) A1
- (21) PCT/EP03/02655
- (22) **13 Mar/mar 2003** (13.03.2003)
- (25) en (26) en
- (30) 60/366,924 **22 Mar/mar 2002** US
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • STABILIZATION OF RESORCINOL DERIVATIVES IN COSMETIC COMPOSITIONS
• STABILISATION DE DÉRIVÉS DE RÉSORCINOL DANS DES PRÉPARATIONS COSMÉTIQUES
- (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 SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)
- (71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).

(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NI NL NO PH PL PT RO RU SE SI SK SN 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) LOVE, Arthur, Ray; Unilever R & D Edgewater, 45 River Road, Edgewater, NJ 07020 (US). KERSCHNER, Judith, Lynne; Unilever R & D Edgewater, 45 River Road, Edgewater, NJ 07020 (US). BARRATT, Michael, James; Unilever R & D Edgewater, 45 River Road, Edgewater, NJ 07020 (US). ZHOU, Yan; Unilever R & D Edgewater, 45 River Road, Edgewater, NJ 07020 (US).

(74) MULDER, Cornelis, Willem, Reinier 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 7/00

(11) WO 03/080003 (13) A1

(21) PCT/US03/08291

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 60/365,285 19 Mar/mar 2002 US (19.03.2002)

(30) 10/388,943 14 Mar/mar 2003 US (14.03.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DRY FEELING LOW SPREADING EMOLLIENT GEL

• GEL EMOLLIENT A FAIBLE ETALLEMENT ET A SENSATION SECHE

(71) COGNIS CORPORATION [US/US]; 2500 Renaissance Boulevard, Suite 200, Gulph Mills, PA 19406 (US).

(72) SHAH, Anil, N.; 41 Keswick Road, East Windsor, NJ 08520 (US). MORRIS, Timothy, C.; 861 Agnes Avenue, Ridley, PA 19070 (US).

(74) TRAZASKA, Steven, J.; Cognis Corporation, 2500 Renaissance Boulevard, Suite 200, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A61K 7/02

(11) WO 03/080004 (13) A1

(21) PCT/JP03/03412

(22) 20 Mar/mar 2003 (20.03.2003)

(25) ja (26) ja

(30) 2002-085194 26 Mar/mar 2002 JP (26.03.2002)

(30) 2002-128364 30 Apr/avr 2002 JP (30.04.2002)

(30) 2002-234763 12 Aug/août 2002 JP (12.08.2002)

(30) 2002-366767 18 Dec/déc 2002 JP (18.12.2002)

(30) 2002-366766 18 Dec/déc 2002 JP (18.12.2002)

(30) 2003-032078 10 Feb/fév 2003 JP (10.02.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CLEANSING PREPARATION

• PREPARATION DEMAQUILLANTE

(71) KAO CORPORATION [JP/JP]; 14-10, NIHONBASHIKAYABACHO 1-CHOME, CHUO-KU, Tokyo 103-8210 (JP).

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

(72, 75) SHIMIZU, Masaki [JP/JP]; c/o KAO CORPORATION RESEARCH LABORATORIES, 1-3, BUNKA 2-CHOME, SUMIDA-KU, Tokyo 131-8501 (JP). TSUDA, Hiroko [JP/JP]; c/o KAO CORPORATION RESEARCH LABORATORIES, 1-3, BUNKA 2-CHOME, SUMIDA-KU, Tokyo 131-8501 (JP).

(74) THE PATENT CORPORATE BODY ARUGA PATENT OFFICE; KYODO BLDG., 3-6, NIHONBASHINGYOCHO 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 7/02, 7/021

(11) WO 03/080005 (13) A1

(21) PCT/US03/05975

(22) 27 Feb/fév 2003 (27.02.2003)

(25) en (26) en

(30) 10/100,637 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PERSONAL CARE COMPOSITIONS COMPRISING SOLID PARTICLES ENTRAPPED IN A GEL NETWORK

• COMPOSITIONS DE SOINS PERSONNELS COMPRENANT DES PARTICULES SOLIDES PIEGEES DANS UN RESEAU DE TYPE GEL

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) ADAMS, Christine, Adams; 75 Wavendene Avenue, Egham, Surrey TW20 8JZ (GB). BROWNE, Yvonne, Bridget; 17 Hawkesworth Drive, Bagshot, Surrey GU19 5QY (GB). KALLA, Karen, Kay; 653 Rushton Road, Cincinnati, OH 45226 (US). MORRISSEY, Christopher, Todd; 8736 Charleston Wood Drive, Mason, OH 45040 (US). MOTLEY, Curtis, Bobby; 8032 St. Matthew Drive, West Chester, OH 45069 (US). STEPHENS, Alison, Fiona; 146 Whyteladies Lane, Cookham, Berkshire SL6 9LA (GB). SUNKEL, Jorge, Max; 460 Fairview Place, Cincinnati, OH 45219 (US).

(74) REED, T., David; The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US) et al. / etc.

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

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

Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

(51)⁷ A61K 7/06
(11) WO 03/080006 (13) A1
(21) PCT/EP03/02571
(22) 13 Mar/mar 2003 (13.03.2003)
(25) de (26) de
(30) 102 13 019.1 22 Mar/mar 2002 DE (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • USE OF EXTRACTS FROM OLIVE TREES AS ANTI-DANDRUFF AGENTS
• UTILISATION D'EXTRAITS D'OLIVIER COMME AGENT ANTIPELLICULAIRE
(71) GOGNIS DEUTSCHLAND GMBH & CO. KG [DE/DE]; Henkelstrasse 67, 40589 Dusseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BUCHWALD-WERNER, Sybille [DE/DE]; Himmelgeister Landstrasse 100, 40589 Düsseldorf (DE). GRIESBACH, Ute [DE/DE]; Bücherstrasse 31, 40593 Düsseldorf (DE).
(81) AU BR CA HU JP KR MX NO NZ PL US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A61K 7/075
(11) WO 03/080007 (13) A1
(21) PCT/EP03/02617
(22) 13 Mar/mar 2003 (13.03.2003)
(25) en (26) en
(30) 60/366,311 21 Mar/mar 2002 US (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • POLYSILOXANE COMPOSITIONS
• COMPOSITIONS DE POLYSILOXANE
(71) CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) ELDER, Stewart, Todd [US/US]; 20 Stoneybrook Court, Butler, NJ 07405 (US). ROCAFORT, Colleen [US/US]; 3406 Peninsula Drive, Jamestown, NC 27282 (US). SCHWENKER, Claire, A. [US/US]; 477 Springbrook Drive, Kernersville, NC 27284 (US). CHROBACZEK, Harald [DE/DE]; Oblatterwallstrasse 38, 86153 Augsburg (DE).
(74) CIBA SPECIALTY CHEMICALS HOLDING INC.; Patentabteilung, Klybeckstrasse 141, CH-4057 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).
Published / Publiée : (c)
(51)⁷ A61K 7/32
(11) WO 03/080008 (13) A1
(21) PCT/EP03/02570
(22) 13 Mar/mar 2003 (13.03.2003)
(25) de (26) de
(30) 102 13 032.9 22 Mar/mar 2002 DE (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • USE OF OLIVE TREE EXTRACTS AS A DEODORANT
• UTILISATION D'EXTRAITS D'OLIVIER COMME DEODORANT
(71) COGNIS DEUTSCHLAND GMBH & CO. KG [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) GRIESBACH, Ute [DE/DE]; Bücherstrasse 31, 40593 Düsseldorf (DE). BUCHWALD-WERNER, Sybille [DE/DE]; Himmelgeister Landstrasse 100, 40589 Düsseldorf (DE).
(81) AU BR CA HU JP KR MX NO NZ PL US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A61K 7/42
(11) WO 03/080009 (13) A1
(21) PCT/EP03/02656
(22) 13 Mar/mar 2003 (13.03.2003)
(25) en (26) en
(30) 60/366,908 22 Mar/mar 2002 US (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • STABILIZATION OF SUNSCREENS IN COSMETIC COMPOSITIONS
• STABILISATION D'ECRANS SOLAIRES DANS DES COMPOSITIONS COSMETIQUES
(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 SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)
(71) UNILEVER NV [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NI NL NO PH PL PT RO RU SE SI SK SN TD TG TJ TM TN TR UA UZ VN YU)
(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Mumbai 400 020, Maharashtra (IN).
(only for / seulement pour IN)
(72) LOVE, Arthur, Ray; Unilever R & D Edgewater, 45 River Road, Edgewater, NJ

07020 (US). KERSCHNER, Judith, Lynne; Unilever R & D Edgewater, 45 River Road, Edgewater, NJ 07020 (US). BARRATT, Michael, James; Unilever R & D Edgewater, 45 River Road, Edgewater, NJ 07020 (US). ZHOU, Yan; Unilever R & D Edgewater, 45 River Road, Edgewater, NJ 07020 (US). CHANDAR, Prem; Unilever R & D Edgewater, 45 River Road, Edgewater, NJ 07020 (US).
(74) MULDER, Cornelis, Willem, Reinier 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ A61K 7/46, A61L 9/05
(11) WO 03/080010 (13) A1
(21) PCT/CH03/00066
(22) 28 Jan/jan 2003 (28.01.2003)
(25) en (26) en
(30) 02006960.5 27 Mar/mar 2002 EP (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • FRAGRANCE COMPOSITIONS
• COMPOSITIONS DE FRAGRANCE
(71) GIVAUDAN SA [CH/CH]; Chemin de la Parfumerie 5, CH-1214 Vernier (CH).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SCHUDEL, Markus [CH/CH]; Regina-Kägi-Hof 7, CH-8050 Zürich (CH). QUELLET, Christian [CH/CH]; Rue Neuve 20, CH-2502 Biel (CH). TASCHI, Marc [CH/CH]; Winkelstrasse 19, CH-4665 Oftringen (CH). BOUWMEESTERS, Johnny [NL/CH]; Zelgliackerstrasse 5, CH-8618 Zürich (CH).
(74) GIVAUDAN DUEBENDORF AG; John Murray Simmons, Ueberlandstrasse 138, CH-8600 Duebendorf (CH).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

- DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 7/46
(11) WO 03/080011 (13) A1
(21) PCT/EP03/02658
(22) 13 Mar/mar 2003 (13.03.2003)
(25) en (26) en
(30) 60/366,689 22 Mar/mar 2002 US
(22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • STABILIZATION OF TERPENOIDS IN
COSMETIC COMPOSITIONS
• STABILISATION DE TERPENOÏDES
DANS DES COMPOSITIONS COSME-
TIQUES
(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 SC SD SG SL SZ TT TZ UG
VC ZA ZM ZW)
(71) UNILEVER NV [NL/NL]; Weena 455,
NL-3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AZ BA
BE BF BG BJ BR BY CF CG CH CI CM CN
CO CR CU CZ DE DK DM DZ EC EE ES FI
FR GA GE GN GQ GR GW HR HU ID IS IT
JP KG KP KR KZ LR LT LU LV MA MC MD
MG MK ML MR MX MZ NE NI NL NO PH
PL PT RO RU SE SI SK SN 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) ZHOU, Yan; Unilever R & D Edgewater,
45 River Road, Edgewater, NJ 07020 (US).
SURIANARAYANAN, Ramesh; Hindustan
Lever Ltd, Research Centre, ICT Link Road,
Chakala, Andheri (East) (IN). CHANDAR,
Prem; Unilever R & D Edgewater, 45 River
Road, Edgewater, NJ 07020 (US). SONA,
Pushker; Hindustan Lever Ltd, Research
Centre, ICT Link Road, Chakala, Andheri
(East) (IN). BARRATT, Michael, James;
Unilever R & D Edgewater, 45 River Road,
Edgewater, NJ 07020 (US).
(74) MULDER, Cornelis, Willem, Reinier et al.
/ etc.; Unilever PLC, Patent Department, Col-
worth House, Sharnbrook, Bedford, Bedford-
shire 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 NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
- (51)⁷ A61K 7/48
(11) WO 03/080012 (13) A1
(21) PCT/EP03/02056
(22) 28 Feb/fév 2003 (28.02.2003)
(25) en (26) en
(30) 10/104,464 22 Mar/mar 2002 US
(22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • LOW PH, HIGH SKIN FRICTION COS-
METIC CREAMS
• CREMES COSMETIQUES A FAIBLE
PH ET A FROTTEMENT SUPERFICIEL
ELEVÉ
(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 SC SD SG SL SZ TT TZ UG
VC ZA ZM ZW)
(71) UNILEVER NV [NL/NL]; Weena 455,
NL-3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AZ BA
BE BF BG BJ BR BY CF CG CH CI CM CN
CO CR CU CZ DE DK DM DZ EC EE ES FI
FR GA GE GN GQ GR GW HR HU ID IS IT
JP KG KP KR KZ LR LT LU LV MA MC MD
MG MK ML MR MX MZ NE NI NL NO PH
PL PT RO RU SE SI SK SN 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) ZHOU, Yan; Unilever R & D Edgewater,
45 River Road, Edgewater, NJ 07020 (US).
SURIANARAYANAN, Ramesh; Hindustan
Lever Ltd, Research Centre, ICT Link Road,
Chakala, Andheri (East) (IN). CHANDAR,
Prem; Unilever R & D Edgewater, 45 River
Road, Edgewater, NJ 07020 (US). SONA,
Pushker; Hindustan Lever Ltd, Research
Centre, ICT Link Road, Chakala, Andheri
(East) (IN). BARRATT, Michael, James;
Unilever R & D Edgewater, 45 River Road,
Edgewater, NJ 07020 (US).
(74) MULDER, Cornelis, Willem, Reinier et al.
/ etc.; Unilever PLC, Patent Department, Col-
worth House, Sharnbrook, Bedford, Bedford-
shire 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) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 7/48
(11) WO 03/080013 (13) A1
(21) PCT/EP03/02508
(22) 12 Mar/mar 2003 (12.03.2003)
(25) de (26) de
(30) 102 12 528.7 21 Mar/mar 2002 DE
(21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • OIL PHASES FOR COSMETIC AGENTS
• PHASES HUILEUSES POUR AGENTS
COSMETIQUES
(71) COGNIS DEUTSCHLAND GMBH &
CO. KG [DE/DE]; Henkelstr. 67, 40589
Düsseldorf (DE).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) PRINZ, Daniela [DE/DE]; Kiefernstr. 7,
41542 Dormagen (DE). HERAULT, David
[FR/FR]; 1, rue Armand Charnay, F-77780
Bourron-Marlotte (FR). WAVREILLE,
Anne-Sophie [FR/US]; 2990 Neil Avenue
Apt # 102 B, Columbus, OH 43202 (US).
(81) AU BR CA CN JP KR US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
- (51)⁷ A61K 7/48, 7/06
(11) WO 03/080014 (13) A1
(21) PCT/EP03/02952
(22) 21 Mar/mar 2003 (21.03.2003)
(25) de (26) de
(30) 102 12 820.4 22 Mar/mar 2002 DE
(22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • TWO-PHASE COSMETIC OR DERMA-
TOLOGICAL PREPARATIONS
• PREPARATIONS COSMETIQUES
OU DERMATOLOGIQUES A DEUX
PHASES
(71) BEIERSDORF AG [DE/DE]; Unnastrasse
48, 20245 Hamburg (DE).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) LEMM, Christel [DE/DE]; An der
Rehwiese 49, 21614 Buxtehude (DE).
GÖPPEL, Anja [DE/DE]; Olloweg 9,
22527 Hamburg (DE). HEPTNER, Astrid
[DE/DE]; Brucknerstrasse 29b, 22083 Ham-
burg (DE). KRÖPKE, Rainer [DE/DE];
Acherndiek 23, 22869 Schenefeld (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 HU IE IT LU MC NL PT RO SE
SI SK TR).
- (51)⁷ A61K 7/48
(11) WO 03/080015 (13) A1
(21) PCT/EP03/02993
(22) 21 Mar/mar 2003 (21.03.2003)
(25) de (26) de
(30) 102 12 865.0 22 Mar/mar 2002 DE
(22.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COSMETIC OR DERMATOLOGICAL FORMULATIONS CONTAINING 9-RETINAL AND/OR 9-RETINAL ALKANOLAMINE SCHIFF BASE
- FORMULATIONS COSMETIQUES OU DERMATOLOGIQUES RENFERMANT UNE BASE DE SCHIFF 9-RETINAL ET/OU 9-RETINAL-ALCANOLAMINE

(71) BEIERSDORF AG [DE/DE]; Unnastrasse 48, 20245 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERENS, Werner [DE/US]; 261 Congressional Lane, Apt. 506, Rockville, MD 20852 (US). SMUDA, Christoph [DE/DE]; Goosmoortwiete 16, 25474 Bönningstedt (DE). WOLBER, Rainer [DE/DE]; Liepmannweg 11, 22399 Hamburg (DE). BATZER, Jan [DE/DE]; Wählingsweg 20d, 22459 Hamburg (DE). MUNDT, Claudia [DE/DE]; Holunderstr. 89a, 28207 Bremen (DE). SCHAUMANN, Ernst [DE/DE]; Liebnizstr. 6, 38678 Clausthal-Zellerfeld (DE). SCHÖNROCK, Uwe [DE/DE]; Lerchenweg 33, 23866 Nahe (DE).

(74) BEIERSDORF AG; Patentabteilung (6713), Unnastrasse 48, 20245 Hamburg (DE).

(81) US.

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

Published / Publiée : (c)

(51)⁷ A61K 7/48

(11) WO 03/080016 (13) A1

(21) PCT/IB03/01428

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 0203700 25 Mar/mar 2002 FR (25.03.2002)

(30) 60/368,969 2 Apr/avr 2002 US (02.04.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • COSMETIC COMPOSITION CONTAINING PARTICLES OF ELASTOMERIC SILICONE
- COMPOSITION COSMETIQUE CONTENANT DES PARTICULES D'ELASTOMERES DE SILICONES

(71) L'OREAL S.A. [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CASSIN, Guillaume [FR/FR]; 31 ter, avenue des Bouleaux, F-91140 Villebon sur Yvette (FR).

(74) RASSON, Catherine; L'OREAL - D.I.P.I., 6 rue Bertrand Sincholle, F-928585 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

Published / Publiée : (c)

(51)⁷ A61K 7/50, 7/48, C11D 1/37, 1/94, 3/37

(11) WO 03/080017 (13) A1

(21) PCT/US03/06003

(22) 27 Feb/fév 2003 (27.02.2003)

(25) en (26) en

(30) 60/365,455 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • LIQUID PERSONAL CLEANSING COMPOSITIONS CONTAINING ACYL SARCOINATES

- COMPOSITIONS LIQUIDE D'HYGIENE PERSONNELLE CONTENANT DES ACYL SARCOINATES

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) YOSHIMI, Naohisa; 4-10-3-1101 Nishinomiya, Nishinomiya, Hyogo 662-0934 (JP).

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

(51)⁷ A61K 9/00

(11) WO 03/080018 (13) A1

(21) PCT/EP03/03305

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) S2002/0226 27 Mar/mar 2002 IE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • INTRAVAGINAL MATRIX DRUG DELIVERY DEVICES

- DISPOSITIFS D'APPORT PAR VOIE VAGINALE D'UN MÉDICAMENT PRÉSENT DANS UNE MATRICE

(71) GALEN (CHEMICALS) LIMITED [IE/IE]; Belgard Road, Tallaght, Dublin 24 (IE).

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

(71) LORIMER, COLIN [GB/GB]; 8 Magheralave Park South, Lisburn BT28 3NN (GB).
(only for / seulement pour US)

(72, 75) MULDOON, Brendan [GB/GB]; 32 Orchardville Crescent, Finaghy Road North, Belfast BI 10 0JT (GB). GILLIGAN, Claire [GB/GB]; 2 Royal Lodge Park, Belfast BT8 7YP (GB).

(74) O'CONNELL, Maura et al. / etc.; F.R. Kelly & Co., 27 Clyde Road, Ballsbridge, Dublin 4 (IE).

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

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

Published / Publiée : (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ A61K 9/00

(11) WO 03/080019 (13) A1

(21) PCT/EP03/03410

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) S2002/0226 27 Mar/mar 2002 IE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • INTRAVAGINAL RESERVOIR DRUG DELIVERY DEVICES

- DISPOSITIFS D'APPORT PAR VOIE VAGINALE D'UN MÉDICAMENT PRÉSENT DANS UN RÉSERVOIR

(71) GALEN (CHEMICALS) LIMITED [IE/IE]; Belgard Road, Tallaght, Dublin 24 (IE).

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

(72, 75) LORIMER, Colin [GB/GB]; 8 Magheralave Park South, Lisburn BT28 3NN, Northern Ireland (GB). ELLIOTT, Grant [GB/GB]; Site 5, Kiloan View, Ballystruder, Islandmagee BT40, Northern Ireland (GB). GILLIGAN, Claire [GB/GB]; 2 Royal Lodge Park, Belfast BT8 7YP (GB).

(74) O'CONNELL, Maura et al. / etc.; F.R. Kelly & Co., 27 Clyde Road, Ballsbridge, Dublin 24 (IE).

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

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

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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ A61K 9/00, 47/34

(11) WO 03/080020 (13) A1

(21) PCT/FR03/00949

(22) 26 Mar/mar 2003 (26.03.2003)

(25) fr (26) fr

(30) 02/03728 26 Mar/mar 2002 FR (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HEAT-REVERSIBLE COMPOSITION TREATING HYPOSALIA AND ASIALIA

• COMPOSITION THERMOREVERSIBLE DESTINEE AU TRAITEMENT DES HYPOSALIES ET ASIALIES

(71) AG INNOVATIONS PHARMA [FR/FR]; 7, rue Edouard Bardinnet, F-33560 Sainte Eulalie (FR).

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

(72, 75) AUZERIE, Jack [FR/FR]; 7 rue Edouard Bardinnet, F-33560 Sainte-Eulalie (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 NI NO NZ OM PH PL PT

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

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

Published / Publiée : (c)

Declarations / Déclarations :

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ A61K 9/00

(11) WO 03/080021 (13) A2

(21) PCT/GB03/01183

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 0206448.3 19 Mar/mar 2002 GB (19.03.2002)

(30) 0225040.5 28 Oct/oct 2002 GB (28.10.2002)

(30) 0225041.3 28 Oct/oct 2002 GB (28.10.2002)

(30) 0225042.1 28 Oct/oct 2002 GB (28.10.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FORMULATION

• PREPARATION

(71) IONIX PHARMACEUTICALS LIMITED [GB/GB]; 185 Cambridge Science Park, Milton Road, Cambridge CB4 0GA (GB). WEST PHARMACEUTICAL SERVICES DRUG DELIVERY & CLINICAL RESEARCH CENTRE LIMITED [GB/GB]; Albert Einstein Centre, Nottingham Science & Technology Park, University Boulevard, Nottingham NG7 2TN (GB).

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

(72, 75) BIRCH, Phillip, John [GB/GB]; 185 Cambridge Science Park, Milton Road, Cambridge CB4 0GA (GB). HAYES, Ann, Gail [GB/GB]; 185 Cambridge Science Park, Milton Road, Cambridge CB4 0GA (GB). WATTS, Peter, James [GB/GB]; Albert Einstein Centre, Nottingham Science & Technology Park, University Boulevard, Nottingham NG7 2TN (GB). CASTILE, Jonathan, David [GB/GB]; Albert Einstein Centre, Nottingham Science & Technology Park, University Boulevard, Nottingham NG7 2TN (GB).

(74) WOODS, Geoffrey Corlett; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

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

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

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

(51)⁷ A61K 9/00, 47/36, 31/485, 31/195, 31/405, 31/54

(11) WO 03/080022 (13) A2

(21) PCT/GB03/01184

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 0206448.3 19 Mar/mar 2002 GB (19.03.2002)

(30) 0225040.5 28 Oct/oct 2002 GB (28.10.2002)

(30) 0225041.3 28 Oct/oct 2002 GB (28.10.2002)

(30) 0225042.1 28 Oct/oct 2002 GB (28.10.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ANALGESICS

• ANALGESIQUES

(71) IONIX PHARMACEUTICALS LIMITED [GB/GB]; 185 Cambridge Science Park, Milton Road, Cambridge CB4 0GA (GB). WEST PHARMACEUTICAL SERVICES DRUG DELIVERY & CLINICAL RESEARCH CENTRE LTD. [GB/GB]; Albert Einstein Centre, Nottingham Science & Technology Park, University Boulevard, Nottingham NG7 2TN (GB).

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

(72, 75) BIRCH, Phillip, John [GB/GB]; 185 Cambridge Science Park, Milton Road, Cambridge CB4 0GA (GB). HAYES, Ann, Gail [GB/GB]; 185 Cambridge Science Park, Milton Road, Cambridge CB4 0GA (GB). WATTS, Peter, James [GB/GB]; Albert Einstein Centre, Nottingham Science & Technology Park, University Boulevard, Nottingham NG7 2TN (GB). CASTILE, Jonathan, David [GB/GB]; Albert Einstein Centre, Nottingham Science & Technology Park, University Boulevard, Nottingham NG7 2TN (GB).

(74) WOODS, Geoffrey, Corlett; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

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

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

(51)⁷ A61K 9/00

(11) WO 03/080023 (13) A2

(21) PCT/US03/08544

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

- (30) 60/365,526 **20 Mar/mar 2002** US
(20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FAST DISSOLVING DOSAGE FORMS HAVING REDUCED FRIABILITY
• FORMES POSOLOGIQUES A DISSOLUTION RAPIDE PRESENTANT UNE FRIABILITE REDUITE
- (71) ELAN PHARMA INTERNATIONAL LIMITED [US/US]; 3500 Horizon Drive, King of Prussia, PA 19406 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PRUSS, Karl [US/US]; P.O. Box 217, Bedminster, PA18910 (US). WENDEL, Susan [US/US]; 834 Welsh Road, Schwenksville, PA 19473 (US). RUDDY, Stephen [US/US]; 226 Stallion Lane, Schwenksville, PA 19473 (US).
- (74) SIMKIN, Michele, M. et al. / etc.; Foley & Lardner, Washington Harbour, Suite 500, 3000 K Street, N.W., Washington, DC 20007-5143 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 9/00
- (11) WO 03/080024 (13) A2
- (21) PCT/US03/08547
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 60/365,524 **20 Mar/mar 2002** US
(20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NANOPARTICULATE COMPOSITIONS OF MAP KINASE INHIBITORS
• COMPOSITIONS NANOPARTICULAIRES D'INHIBITEURS DE LA PROTEINE KINASE ACTIVEE PAR DES MITOGENES (MAP)
- (71) ELAN PHARMA INTERNATIONAL LTD. [US/US]; 3000 Horizon Drive, King of Prussia, PA 19406 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOSCH, William, H. [US/US]; 237 Rodney Circle, Bryn Mawr, PA 19010 (US). CARY, Greta, G. [US/US]; 204 Marlbrook Lane, Lansdale, PA 19446 (US). HOVEY, Douglas, C. [US/US]; 19 North Midland Ave., Trooper, PA 19403 (US). JAIN, Rajeev, A. [IN/US]; 121 Honeylocust Ct., Collegeville, PA 19426 (US). KLINE, Laura, J. [US/US]; 200 Fawn Drive, Harleysville, PA 19438 (US). MERISKO-LIVERSIDGE, Elaine [US/US]; 258 Colwyn Terrace, West Chester, PA 19380 (US). OSTRANDER, Kevin, D. [US/US]; 227 Sunrise Rd., Reading, PA 19403 (US).
- (74) SIMKIN, Michele, M. et al. / etc.; Foley & Lardner, Washington Harbour, 3000 K Street, N.W., Suite 500, Washington, DC 20007-5143 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 9/06, 47/02, 31/785, A61P 17/00
- (11) WO 03/080025 (13) A1
- (21) PCT/FR03/00948
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) fr (26) fr
- (30) 02/03729 **26 Mar/mar 2002** FR
(26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TOPICAL COMPOSITION BASED ON ION-EXCHANGE RESINS, IN PARTICULAR FOR TREATING ERYTHEMAS
• COMPOSITION TOPIQUE A BASE DE RESINES ECHANGEUSES D'IONS, NOTAMMENT POUR LE TRAITEMENT DES ERYTHEMES
- (71) AG INNOVATIONS PHARMA [FR/FR]; 7, rue Edouard Bardinet, F-33560 Sainte Eulalie (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AUZERIE, Jack [FR/FR]; 7, rue Edouard Bardinet, F-33560 Sainte-Eulalie (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 9/14, 9/16, 9/20, 9/22, 9/24, 9/28, 9/48, 9/54
- (11) WO 03/080026 (13) A1
- (21) PCT/IB02/00872
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CONTROLLED RELEASE DRUG DELIVERY SYSTEM OF PRAVASTATIN
• SYSTEME D'ADMINISTRATION DE MEDICAMENTS A LIBERATION CONTROLEE DE PRAVASTATINE
- (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) KUMAR, Manoj [IN/IN]; c/o Mr. Govind Ahuja, 2/86, Shivaji Nagar, Gurgaon, 122001 Haryana (IN). TALWAR, Naresh [IN/IN]; L-48-B, Second Floor, Malviya Nagar, 110017 New Delhi (IN). RAGHUVANSHI, Rajeev Singh [IN/IN]; H-1549, 1st Floor, Chittaranjan Park, 110019 New Delhi (IN). RAMPAL, Ashok Kumar [IN/IN]; 14, Sewa Nagar, Ram Tirath Road, Amritsar, 143001 Punjab (IN).
- (74) RANBAXY LABORATORIES LIMITED; c/o Deshmukh, Jayadeep R., Suite 2100, 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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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)⁷ A61K 9/14, 31/565
- (11) WO 03/080027 (13) A1
- (21) PCT/US03/08546
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 60/365,540 **20 Mar/mar 2002** US
(20.03.2002)
- (30) 60/366,542 **25 Mar/mar 2002** US
(25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NANOPARTICULATE COMPOSITIONS OF ANGIOGENESIS INHIBITORS
• COMPOSITIONS NANOPARTICULAIRES D'INHIBITEURS D'ANGIOGENESE
- (71) ELAN PHARMA INTERNATIONAL LTD. [US/US]; 3000 Horizon Drive, King of Prussia, PA 19406 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MERISKO-LIVERSIDGE, Elaine [US/US]; 258 Colwyn Terrace, West Chester, PA 19380 (US). BOSCH, H., William

Published / Publiée : (c)

Declarations / Déclarations :

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

- [US/US]; 237 Rodney Circle, Bryn Mawr, PA 19010 (US). **CARY, Greta, G.** [US/US]; 204 Marlbrook Lane, Lansdale, PA 19446 (US). **PRUITT, John** [US/US]; 603 Buyers Road, Collegeville, PA 19426 (US). **RYDE, Tuula** [US/US]; 54 Lloyd Avenue, Malvern, PA 19355 (US). **JAIN, Rajeev** [IN/US]; 121 Honeylocust Ct., Coosooeville, PA 19426 (US). **WALTERS, Amy** [US/US]; 5 Shannon Rd., North Wales, PA (US).
- (74) **SIMKIN, Michele, M. et al.** / etc.; Foley & Lardner, Washington Harbour, 3000 K Street, N.W., Suite 500, Washington, DC 20007-5143 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 9/16**
- (11) **WO 03/080028** (13) A2
- (21) PCT/US03/08398
- (22) **19 Mar/mar 2003 (19.03.2003)**
- (25) en (26) en
- (30) 10/101,563 **20 Mar/mar 2002 US (20.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND APPARATUS FOR PRODUCING DRY PARTICLES
• PROCEDE ET APPAREIL DE PRODUCTION DE PARTICULES SECHES
- (71) **ADVANCED INHALATION RESEARCH, INC.** [US/US]; 840 Memorial Drive, Cambridge, MA 02139 (US).
- (72) **BATYCKY, Richard, P.**; 11 Madison Avenue, Newton, MA 02460 (US). **JACKSON, Blair, C.**; 826 Willard Street, Apartment 111, Quincy, MA 02169 (US). **JOHNSTON, Lloyd, P.**; 32 Winslow Road, Belmont, MA 02478 (US). **MINTZES, Jeffrey, D.**; 29 Wiltshire Road, First Floor, Brighton, MA 02135 (US). **PENACHIO, Ernest, E.**; 18 Speridakis Terrace, Cambridge, MA 02139 (US). **SUNG, Jean, C.**; 150 River Street, Cambridge, MA 02139 (US). **BLIZZARD, Charles, D.**; 109 Highview Street, Westwood, MA 02090 (US). **CHUNG, Marie, Elizabeth**; 35 Dalton Road, Concord, MA 01742 (US).
- (74) **REISTER, Andrea, G.**; Covington & Burling, 1201 Pennsylvania Avenue, N.W., Washington, DC 20004-2401 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 9/18, 31/195, 31/407, 47/02, A61P 29/00 // 1/04, A61K 9/14, 31/4439**
- (11) **WO 03/080029** (13) A1
- (21) PCT/SE03/00468
- (22) **20 Mar/mar 2003 (20.03.2003)**
- (25) en (26) en
- (30) 0200895-1 **22 Mar/mar 2002 SE (22.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NO-DONATING NSAIDS ADSORBED INTO CARRIER PARTICLES
• NSAID DONNEURS DE NO ADSORBES DANS DES PARTICULES PORTEUSES
- (71) **ASTRAZENECA AB** [SE/SE]; S-151 85 Södertälje (SE). **ASTRAZENECA UK LIMITED** [GB/GB]; 15 Stanhope Gate, London, Greater London W1K 1LN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOREIN, Sven** [SE/SE]; AstraZeneca R & D Södertälje, SE-151 85 Södertälje (SE). **BERG, Mats** [SE/SE]; AstraZeneca R & D Södertälje, S-151 85 Södertälje (SE). **HOLMBERG, Christina** [SE/SE]; AstraZeneca R & D Södertälje, S-151 85 Södertälje (SE). **LUNDBERG, Per, Johan** [SE/SE]; AstraZeneca R & D Mölndal, S-431 83 Mölndal (SE). **ANDERS Ringberg** [SE/SE]; AstraZeneca R & D Södertälje, SE-151 85 Södertälje (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 9/20**
- (11) **WO 03/080030** (13) A1
- (21) PCT/CA03/00410
- (22) **24 Mar/mar 2003 (24.03.2003)**
- (25) en (26) en
- (30) 10/105,453 **26 Mar/mar 2002 US (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • STABLE TABLETS COMPRISING PERGOLIDE MESYLATE
• COMPRIMES STABLES CONTENANT DU PERGOLIDE MESYLATE
- (71, 72) **SHERMAN, Bernard, Charles** [CA/CA]; 50 Old Colony Road, Toronto, Ontario M2L 2K1 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **A61K 9/22, 31/135**
- (11) **WO 03/080031** (13) A1
- (21) PCT/EP03/03050
- (22) **21 Mar/mar 2003 (21.03.2003)**
- (25) en (26) en
- (30) 02076130.0 **22 Mar/mar 2002 EP (22.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SUSTAINED RELEASE FORMULATION OF TRAMADOL
• FORMULE DE TRAMADOL A LIBERATION PROLONGEE
- (71) **CILAG AG** [CH/CH]; Hochstrasse 207, CH-8205 Schaffhausen (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EIVASKHANI, Reza** [DE/DE]; Wildalstrasse 71, 79108 Freiburg i.Br. (DE). **BRAUN, Christian** [DE/DE]; Im Mühlezelg 36, 78239 Rielasingen-Worbingen (DE). **MERKLE, Stefan** [DE/DE]; Im Bruch 15, 78244 Gottmadingen (DE).
- (74) **WANTE, Dirk**; Johnson & Johnson NCB, European Patent Group, Lenneke Marelaan 6, B-1932 Sint-Stevens-Woluwe (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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **A61K 9/50, 31/58**
- (11) **WO 03/080032** (13) A2
- (21) PCT/EP03/02269
- (22) **6 Mar/mar 2003 (06.03.2003)**
- (25) de (26) de

- (30) 102 14 002.2 **27 Mar/mar 2002** DE
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PHARMACEUTICAL FORMULATION FOR THE ACTIVE INGREDIENT BUDESONIDE
• FORMULATION PHARMACEUTIQUE POUR LE PRINCIPE ACTIF BUDESONIDE
- (71) RÖHM GMBH & CO. KG [DE/DE]; Kirschenallee, 64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BECKERT, Thomas [DE/DE]; Anton-Braith-Weg 30, 88447 Warthausen (DE).
RUDOLPH, Markus [DE/DE]; An der Aue 11, 63263 Neu-Isenburg (DE).
DRESSMAN, Jennifer [AU/DE]; Kleebbergstrasse 12, 60322 Frankfurt/Main (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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 9/51, 9/14
(11) WO 03/080034 (13) A2
(21) PCT/EP03/02984
(22) 21 Mar/mar 2003 (21.03.2003)
(25) de (26) de
(30) 102 14 031.6 **27 Mar/mar 2002** DE
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR THE PRODUCTION AND THE USE OF MICROPARTICLES AND NANOPARTICLES BY CONSTRUCTIVE MICRONISATION
• PROCEDE POUR PRODUIRE ET UTILISER DES MICROPARTICULES ET DES NANOPARTICLES PAR MICRONISATION CONSTRUCTIVE
- (71) PHARMATECH GMBH [DE/DE]; Schlotfeldtsberg 14 a, 24220 Flintbek (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MÜLLER, Bernd, W. [DE/DE]; Schlotfeldtsberg 14 A, 24220 Flintbek (DE).
RASENACK, Norbert [DE/DE]; Chemnitzstr. 20, 24114 Kiel (DE).
- (74) VAN HEESCH, Helmut et al. / etc.; Uexküll & Stolberg, Beselerstr. 4, 22607 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 9/50, 47/36
(11) WO 03/080033 (13) A1
(21) PCT/SE03/00463
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
(30) 0200873-8 **21 Mar/mar 2002** SE
(21.03.2002)
(30) 0201599-8 **30 May/mai 2002** SE
(30.05.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MICROPARTICLES
• MICROPARTICULES
- (71) JAGOTEC AG [CH/CH]; Eptingerstrasse 51, CH-4132 Muttenz (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RESLOW, Mats [SE/SE]; Bondvägen 45, S-227 38 Lund (SE).
JÖNSSON, Monica [SE/SE]; Sigvard Grubbes gata 1, S-230 40 Bara (SE).
LARSSON, Karin [SE/SE]; Prästavägen 2, S-240 12 Torna Hällestad (SE).
LAAKSO, Timo [SE/GB]; 2 Rectory Road, Campton, Bedfordshire SG17 5PF (GB).
- (74) AWAPATENT AB; Box 45086, S-104 30 Stockholm (SE).
- (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) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ
- OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (71) BEIERSDORF AG [DE/DE]; Unnastr. 48, 20245 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NIERLE, Jens [DE/DE]; Hönermoor 12, 21147 Hamburg (DE).
GÄDE, Christian [DE/DE]; Königsberger Str. 73, 21629 Neu Wulmstorf (DE).
- (74) BEIERSDORF AG; Unnastr. 48, 20245 Hamburg (DE).
- (81) AU US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (c)
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- (51)⁷ A61K 31/121, 31/16, 31/36, A61P 11/00
(11) WO 03/080036 (13) A2
(21) PCT/FR03/00936
(22) 25 Mar/mar 2003 (25.03.2003)
(25) fr (26) fr
(30) 02/03681 **25 Mar/mar 2002** FR
(25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • USE OF A VANILLOID AS AN ANTI-SNORING ELEMENT
• UTILISATION D'UN VANILLOIDE COMME ANTI-RONFLEMENT
- (71) LMD [FR/FR]; Rue du Pra de Serre, F-63960 Veyre Monton (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JEAN, Daniel [FR/FR]; 283, rue de la Chaussade, F-63270 Vic-Le-Comte (FR).
CAREL, Léon [FR/FR]; 6, rue de Seine, F-75006 Paris (FR).
- (74) MARTIN, Jean-Jacques; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris cedex 17 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 9/70
(11) WO 03/080035 (13) A1
(21) PCT/EP03/02953
(22) 21 Mar/mar 2003 (21.03.2003)
(25) de (26) de
(30) 102 12 864.2 **22 Mar/mar 2002** DE
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HYBRID SYSTEM FOR SOLUBILIZING PHARMACEUTICALLY ACTIVE SUBSTANCES IN POLYMER MATRICES
• SYSTEME DE MELANGE POUR SOLUBILISER DES AGENTS ACTIFS
- 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 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL

PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les
designations
(u) for / pour US only / seulement

- (51)⁷ A61K 31/155, A61P 11/06, 11/00, 11/14
(11) WO 03/080037 (13) A2
(21) PCT/EP03/03021
(22) 24 Mar/mar 2003 (24.03.2003)
(25) de (26) de
(30) 102 13 350.6 26 Mar/mar 2002 DE
(26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • USE OF LTB4 ANTAGONISTS IN VET-
ERINARY MEDICINE
• UTILISATION D'ANTAGONISTES DE
LTB4 DANS LA MEDECINE ANIMALE
(71) BOEHRINGER INGELHEIM PHARMA
GMBH & CO KG [DE/DE]; Binger Strasse
173, 55216 Ingelheim (DE).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) BIRKE, Franz [DE/DE]; Al-
brecht-Dürer-Strasse 21, 55218 Ingelheim
(DE). MATZEK, Kandace [DE/DE]; Au-
tunstrasse 27, 55218 Ingelheim (DE).
(74) BOEHRINGER INGELHEIM PHARMA
GMBH & CO KG; 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 31/18, 31/192, 31/195, 31/198,
31/216, 31/275, 31/4245, 31/5375, 45/00,
A61P 3/10, 13/12, 37/02, 43/00, C07D
271/10, 295/18
(11) WO 03/080038 (13) A1
(21) PCT/JP03/03229
(22) 18 Mar/mar 2003 (18.03.2003)
(25) ja (26) ja
(30) 2002-081769 22 Mar/mar 2002 JP
(22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • PREVENTIVE OR THERAPEUTIC
AGENT FOR KIDNEY DISEASE
• AGENT PROPHYLACTIQUE OU THE-
RAPEUTIQUE CONTRE DES MALA-
DIES RENALES
(71) KISSEI PHARMACEUTICAL CO., LTD.
[JP/JP]; 19-48, Yoshino, Matsumoto-shi,
Nagano 399-8710 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) KOIZUMI, Takashi [JP/JP]; 5122-22,
Oaza Karasugawa, Horigane-mura, Mi-
namiazumi-gun, Nagano 399-8201 (JP).
HOYANO, Yuji [JP/JP]; 5279-41, Oaza Tak-
ibe, Toyoshina-machi, Minamiazumi-gun,
Nagano 399-8204 (JP). AKAHANE, Satoshi
[JP/JP]; 4246, Sasaga, Matsumoto-shi,
Nagano 399-0033 (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 KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
- (51)⁷ A61K 31/195, 31/497
(11) WO 03/080039 (13) A1
(21) PCT/US03/08877
(22) 21 Mar/mar 2003 (21.03.2003)
(25) en (26) en
(30) 60/366,221 21 Mar/mar 2002 US
(21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • IN VIVO USE OF GLUTATHIONONE
S-TRANSFERASE ACTIVATED NI-
TRIC OXIDE DONORS
• UTILISATION IN VIVO DE DON-
NEURS D'OXYDE NITRIQUE AC-
TIVES PAR LA GLUTATHION
S-TRANSFERASE
(63) US 60/366,221 (CIP)
21 Mar/mar 2002 (21.03.2002)
(71) THE UNIVERSITY OF UTAH RE-
SEARCH FOUNDATION [US/US]; 615
Arapeen Drive, Suite 110, Salt Lake City, UT
84108 (US).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) SHAMI, Paul [US/US]; 3254 E. Walnut
Way, Salt Lake City, UT 81421 (US).
(74) MCCALLUM, Jennifer, M.; The McCal-
lum Law Firm, LLC, 132 Kolar Court, Erie,
CO 80516 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
- Published / Publiée : (c)
Declaration / Déclaration :
(u) for / pour US only / seulement

- (51)⁷ A61K 31/196, 9/48, 47/10, 47/14, 47/28,
A61P 29/00
(11) WO 03/080040 (13) A1
(21) PCT/JP03/03803
(22) 27 Mar/mar 2003 (27.03.2003)
(25) ja (26) ja
(30) 2002-089321 27 Mar/mar 2002 JP
(27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DICLOFENAC SODIUM ORAL PHAR-
MACEUTICAL
• PRODUIT PHARMACEUTIQUE DE
DICLOFENAC SODIQUE S'ADMINIS-
TRANT PAR VOIE ORALE
(71) NIPPON ZOKI PHARMACEUTICAL
CO., LTD. [JP/JP]; 1-2, 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) ISHIBASHI, Nobuyuki [JP/JP]; c/o
Nippon Zoki Pharmaceutical Co., Ltd., Ono
Ryokuen Factory, 1093-1, Minamiyama, Fu-
rukawa-cho, Ono-shi, Hyogo 675-1363 (JP).
(74) HANABUSA, Tsuneo et al. / etc.; c/o
Hanabusa Patent Office, Shin-ochanomizu
Urban Trinity, 2, Kandasurugadai 3-chome,
Chiyoda-ku, Tokyo 101-0062 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
- (51)⁷ A61K 31/198, 31/381, 31/4245, 31/426,
A61P 19/02, 29/00 // C07D 271/06, 277/26,
333/34
(11) WO 03/080041 (13) A1
(21) PCT/JP03/03672
(22) 26 Mar/mar 2003 (26.03.2003)
(25) ja (26) ja
(30) 2002-87318 27 Mar/mar 2002 JP
(27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • REMEDIES FOR ARTHRITIS DEFOR-
MANS
• REMEDE CONTRE L'ARTHRITE DE-
FORMANTE
(71) SHIONOGI & CO., LTD. [JP/JP]; 1-8,
Doshomachi 3-chome, Chuo-ku, Osaka-shi,
Osaka 541-0045 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) GEMBA, Takefumi [JP/JP]; 11-7, Oobe
2-chome, Kawanishi-shi, Hyogo 666-0014
(JP). WATANABE, Fumihiko [JP/JP]; c/o
Shionogi & Co., Ltd., 12-4, Sagisu 5-chome,
Fukushima-ku, Osaka-shi, Osaka 553-0002
(JP).

- (74) YAMAUCHI, Hideaki et al. / etc.; Shionogi & Co., Ltd., Intellectual Property Department, 12-4, Sagisu 5-chome, Fukushima-ku, Osaka-shi, Osaka 553-0002 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 31/198, 31/381, 31/4025, 31/405, 31/421, 31/4245, 31/426, 31/427, A61P 19/02, 29/00, 43/00 // C07D 209/20, 263/32, 271/06, 277/26, 333/24, 333/34, 409/12, 413/04, 417/04
- (11) WO 03/080042 (13) A1
- (21) PCT/JP03/03673
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) ja (26) ja
- (30) 2002-87330 27 Mar/mar 2002 JP (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DECOMPOSITION INHIBITOR FOR EXTRACELLULAR MATRIX OF CARTILAGE
• INHIBITEUR DE DECOMPOSITION POUR MATRICE EXTRACELLULAIRE DE CARTILAGE
- (71) SHIONOGI & CO., LTD. [JP/JP]; 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GEMBA, Takefumi [JP/JP]; 11-7, Oobe 2-chome, Kawanishi-shi, Hyogo 666-0014 (JP). OKAMOTO, Hiroyuki [JP/JP]; c/o Shionogi & Co., Ltd., 12-4, Sagisu 5-chome, Fukushima-ku, Osaka-shi, Osaka 553-0002 (JP). WATANABE, Fumihiko [JP/JP]; c/o Shionogi & Co., Ltd., 12-4, Sagisu 5-chome, Fukushima-ku, Osaka-shi, Osaka 553-0002 (JP).
- (74) YAMAUCHI, Hideaki et al. / etc.; Shionogi & Co., Ltd., Intellectual Property Department, 12-4, Sagisu 5-chome, Fukushima-ku, Osaka-shi, Osaka 553-0002 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 31/352, 31/196, A61P 35/00 // (A61K 31/196, 31:352)
- (11) WO 03/080044 (13) A1
- (21) PCT/GB03/01320
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 0206839.3 22 Mar/mar 2002 GB (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ANTI-CANCER COMBINATIONS OF DMXAA AND A NSAID
• COMBINAISONS ANTICANCÉ-REUSES DE DMXAA ET D'UN NSAID
- (71) CANCER RESEARCH TECHNOLOGY LIMITED [GB/GB]; 61 Lincoln's Inn Fields, London WC2A 3PX (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WANG, Liang-Chuan, Steve [NZ/NZ]; 36A Rangiatea Road, Auckland 3 (NZ). PAXTON, James, William [GB/NZ]; 20 King Edward Avenue, Auckland 3 (NZ). CHING, Lai-Ming [NZ/NZ]; 9 Monet Grove, West Harbour, Auckland (NZ). BAG-ULEY, Charles, Bruce [NZ/NZ]; 74A Bassett Road, Auckland 5 (NZ). KESTELL, Philip [GB/NZ]; 3 Loch Street, Auckland 5 (NZ).
- (74) FURLONG, Isla, Jane et al. / etc.; D Young & Co, 21 New Fetter Lane, London EC4A 1DA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ A61K 31/365, 35/78
- (11) WO 03/080045 (13) A1
- (21) PCT/IB02/01204
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A PROCESS FOR ISOLATING ARTEMISININ FROM ARTEMISIA ANNUA
• PROCEDE PERMETTANT D'ISOLER L'ARTEMISININE D'ARTEMISIA ANNUA
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg New Delhi 110 001 (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KUMAR, Sushil [IN/IN]; Central Institute of Medicinal and Aromatic Plants, PO Cimap, Lucknow, Uttar Pradesh 226 015 (IN). GUPTA, Shiv, Kumar [IN/IN]; Central Institute of Medicinal and Aromatic Plants, PO Cimap, Lucknow, Uttar Pradesh 226 015 (IN). SINGH, Digvijay [IN/IN]; Central Institute of Medicinal and Aromatic Plants, PO Cimap, Lucknow, Uttar Pradesh 226 015 (IN). GUPTA, Madan, Mohan [IN/IN]; Central Institute of Medicinal and Aromatic Plants, PO Cimap, Lucknow, Uttar Pradesh 226 015 (IN). JAIN, Dharam, Chand [IN/IN]; Central Institute of Medicinal and Aromatic Plants, PO Cimap, Lucknow, Uttar Pradesh 226 015 (IN). KAHOL, Atul, Prakash [IN/IN]; Central Institute of Medicinal and Aromatic Plants, PO Cimap, Lucknow, Uttar Pradesh 226 015 (IN). KHANUJA, Suman, Preet, Singh [IN/IN]; Central Institute of Medicinal and Aromatic Plants, PO Cimap, Lucknow, Uttar Pradesh 226 015 (IN). RAM, Govind [IN/IN]; Central Institute of Medicinal and Aromatic Plants, PO Cimap, Lucknow, Uttar Pradesh 226 015 (IN).
- (74) GABRIEL, Devadoss, Calab; Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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)
- 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 VN YU ZA ZM ZW.
- (51)⁷ A61K 31/40, C07D 209/02, 221/20, 209/54, 221/22, 487/08, A61P 25/16, 25/18
- (11) WO 03/080046 (13) A1
- (21) PCT/GB03/01236
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 60/366,386 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • AZABICYCLIC, AZATRICYCLIC AND AZASPIROCYCLIC DERIVATIVES OF AMINOCYCLOHEXANE NMDA, 5HT₃, AND NEURONAL NICOTINIC RECEPTOR ANTAGONISTS
- DERIVES AZABICYCLIQUES, AZATRICYCLIQUES ET AZASPIROCYCLIQUES D'AMINOCYCLOHEXANES COMME ANTAGONISTES DES RECEPTEURS DE NMDA, DES RECEPTEURS DE 5HT₃ ET DES RECEPTEURS NICOTINIQUES NEURONAUX
- (71) MERZ PHARMA GMBH & CO. KGAA [DE/DE]; Eckenheimer Landstrasse 100, 60318 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARSONS, Christopher, Graham, Raphael [GB/DE]; Wartbaumstrasse 38, 61130 Nidderau (DE). HENRICH, Markus [DE/DE]; Bahnhofstrasse 63, 35582 Wetzlar (DE). DANYSZ, Wojciech [PL/DE]; Vor Den Garten 16, 61130 Nidderau (DE). KALVINSH, Ivars [LV/LV]; Miera 17-8, LV-2169 Salaspils (LV). KAUSS, Valerjans [LV/LV]; A. Deglava 108/2-36, LV-1082 Riga (LV). JIRGENSONS, Aigars [LV/LV]; Hospitalu iela 3-103, LV-1013 Riga (LV). GOLD, Markus [DE/DE]; Kranichstrasse 9, 64569 Nauheim (DE). VANEJEVS, Maksims [LV/LV]; Mezhotnes str. 58, LV-1002 (LV).
- (74) MARSDEN, John, Christopher et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A61K 31/40
- (11) WO 03/080047 (13) A1
- (21) PCT/US03/08613
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 60/366,010 20 Mar/mar 2002 US (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PHOSPHATE PRODRUGS OF FLUOROOXINDOLES
- PROMEDICAMENTS PHOSPHATES DE FLUOROOXINDOLES
- (71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; P.O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).
- (72) GILLMAN, Kevin, W.; 80 Bradley Corners Road, Madison, CT 06443 (US). HEWAWASAM, Piyasena; 31 Brookview Lane, Middletown, CT 06457 (US). SCHMITZ, William, D.; 190 Cedar Lane, Cheshire, CT 06410 (US). LOPEZ, Omar, D.; 108 Staffordshire Commons, Wallingford, CT 06492 (US). STARRETT, John, E.; 13 Red Glen Road, Middletown, CT 06457 (US). PROVENCAL, David, P.; 25 Midway Drive, Cromwell, CT 06416 (US).
- (74) ALGIERI, Aldo 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 31/4035, C07D 209/48, C07C 317/28, A61P 35/00
- (11) WO 03/080049 (13) A1
- (21) PCT/US03/08738
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 60/366,515 20 Mar/mar 2002 US (20.03.2002)
- (30) 60/438,450 7 Jan/jan 2003 US (07.01.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • (+)-2-[1-(3-ETHOXY-4-METHOXYPHENYL)-2-METHYLSULFONYLETHYL]-4-ACETYLAMINOISOINDOLINE-1,3-DIONE: METHODS OF USING AND COMPOSITIONS THEREOF
- (71) CELGENE CORPORATION [US/US]; 7 Powder Horn Drive, Warren, NJ 07059 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHAFFER, Peter, H. [US/US]; 126 John E. Busch Avenue, Somerset, NJ 08873 (US). MULLER, George, W. [US/US]; 250 Windmill Court, Bridgewater, NJ 08807 (US). MAN, Hon-Wah [US/US]; 27 Grant Way, Princeton, NJ 08540 (US). GE, Chuansheng [CN/US]; 9 Breckenridge Court, Belle Mead, NJ 08502 (US).
- (74) INSOGNA, Anthony, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A61K 31/4035, C07D 209/48, C07C 317/28, A61P 35/00
- (11) WO 03/080049 (13) A1
- (21) PCT/US03/08738
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 60/366,515 20 Mar/mar 2002 US (20.03.2002)
- (30) 60/438,450 7 Jan/jan 2003 US (07.01.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • (+)-2-[1-(3-ETHOXY-4-METHOXYPHENYL)-2-METHYLSULFONYLETHYL]-4-ACETYLAMINOISOINDOLINE-1,3-DIONE: METHODS OF USING AND COMPOSITIONS THEREOF

- (+)-2-[1-(3-ETHOXY-4-METHOXY-PHENYL)-2-METHYLSULFONYL-THYL]-4-ACETYLAMINOINDOLINE-1,3-DIONE: LEURS PROCÉDES D'UTILISATION ET LEURS COMPOSITIONS
- (71) **CELGENE CORPORATION** [US/US]; 7 Powder Horn Drive, Warren, NJ 07059 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHAFER, Peter, H.** [US/US]; 126 John E. Busch Avenue, Somerset, NJ 08873 (US). **MULLER, George, W.** [US/US]; 250 Windmill Court, Bridgewater, NJ 08807 (US). **MAN, Hon-Wah** [US/US]; 27 Grant Way, Princeton, NJ 08540 (US). **GE, Chuan-sheng** [CN/US]; 9 Breckenridge Court, Belle Mead, NJ 08502 (US).
- (74) **INSOGNA, Anthony, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **A61K 31/4045, 31/4439, A61P 25/22, 25/24, 25/30 // C07D 401/14, 209/14, 211/70**
- (11) **WO 03/080050** (13) A1
- (21) PCT/DK03/00210
- (22) **26 Mar/mar 2003 (26.03.2003)**
- (25) en (26) en
- (30) PA 2002 00479 **27 Mar/mar 2002 DK (27.03.2002)**
- (30) 60/368,436 **27 Mar/mar 2002 US (27.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • THE USE OF 3-[1-[2-(1-ACETYL-2,3-DIHYDRO-1H-INDOL-3-YL)ETHYL]-3,6-DIHYDRO-2<I>H</I>-PYRIDIN-4-YL]-6-CHLORO-1<I>H</I>-INDOLE OR ITS ENANTIOMERS FOR THE TREATMENT OF DISEASES AND DISORDERS RESPONSIVE TO 5-HT (SEROTONIN) RE-UPTAKE INHIBITION
- UTILISATION DE 3-[1-[2-(1-ACETYL-2,3-DIHYDRO-1<I>H</I>-INDOL-3-YL)ETHYL]-3,6-DIHYDRO-2<I>H</I>-PYRIDIN-4-YL]-6-CHLORO-1<I>H</I>-INDOLE OU DE SES ENANTIOMERES POUR LE TRAITEMENT DE MALADIES ET DE TROUBLES SENSIBLES A L'INHIBITION DU RECAPTAGE DE 5-HT (SEROTONINE)
- (71) **H. LUNDBECK A/S** [DK/DK]; Otiliavej 9, DK-2500 Valby-Copenhagen (DK).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BANG-ANDERSEN, Benny** [DK/DK]; Lillegrund 33, DK-2300 Copenhagen S (DK). **HERTEL, Klaus, Peter** [SE/DK]; Jægersborg Alle 27A, 4th, DK-2920 Charlottenlund (DK). **ARNT, Jørn** [DK/DK]; Svend Gønges Vej 11 A, DK-2680 Solrød Strand (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **A61K 31/41, 31/74**
- (11) **WO 03/080051** (13) A1
- (21) PCT/US03/08016
- (22) **17 Mar/mar 2003 (17.03.2003)**
- (25) en (26) en
- (30) 10/103,213 **20 Mar/mar 2002 US (20.03.2002)**
- (30) 10/370,666 **20 Feb/fév 2003 US (20.02.2003)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD OF TREATING ONYCHOMYCOSIS
- METHODE DE TRAITEMENT DE L'ONYCHOMYCOSE
- (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) **REISTER, Andres, G.**; Covington & Burling, 1201 Pennsylvania Avenue NW, Washington, DC 20004-2401 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC
- NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **A61K 31/4174, 31/7048, A61P 31/10 // (A61K 31/4174, 31:045) (A61K 31/7048, 31:045)**
- (11) **WO 03/080052** (13) A1
- (21) PCT/IB02/01079
- (22) **25 Mar/mar 2002 (25.03.2002)**
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A USE OF TREATMENT FOR FUNGAL INFECTIONS WITH A SYNERGISTIC FORMULATION OF ANTIFUNGAL AGENTS
- UTILISATION D'UN TRAITEMENT CONTRE LES INFECTIONS FONGIQUES METTANT EN OEUVRE UNE FORMULATION SYNERGIQUE D'AGENTS ANTIFONGIQUES
- (71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KHANUJA, Suman, Preet, Singh** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow, Uttar Pradesh 226 015 (IN). **CHATRUVEDI, Puspala** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow, Uttar Pradesh 226 015 (IN). **AGARWAL, Krishna, Kumar** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow, Uttar Pradesh 226 015 (IN). **AHMED, Atique** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow, Uttar Pradesh 226 015 (IN). **KUMAR, Tiruppadiripuliyur, Ranganathan, Santha** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow, Uttar Pradesh 226 015 (IN). **DAROKAR, Mahendra, Pandurang** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow, Uttar Pradesh 226 015 (IN). **SHASANY, Ajit, Kumar** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow, Uttar Pradesh 226 015 (IN). **ARYA, Jai, Shankar** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow, Uttar Pradesh 226 015 (IN). **KUMAR, Sushil** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow, Uttar Pradesh 226 015 (IN).
- (74) **GABRIEL, DEVADOSS, CALAB;** Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Dehli 110 062 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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)

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 LSMW 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)⁷ A61K 31/422, 31/4402, 31/381, A61P 1/00,
3/00, 7/00, 9/00, 11/00, 17/00, 19/00, 19/10,
25/00, 27/00, 29/00, 35/00

(11) WO 03/080053 (13) A1

(21) PCT/US03/08287

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 60/365,314 18 Mar/mar 2002 US
(18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMBINATION TREATMENTS FOR
CHEMOKINE-MEDIATED DISEASES
• TRAITEMENTS COMBINES POUR
MALADIES INDUITES PAR LA CHI-
MIOKINE

(71) SCHERING CORPORATION [US/US];
2000 Galloping Hill Road, Kenilworth, NJ
07033-0530 (US).

(72) TAVERAS, Arthur, G.; 3 Headley Court,
Denville, NJ 07834 (US). BILLAH, Mo-
tasim; 21 Anthony Avenue, Edison, NJ
08820 (US). LUNDELL, Daniel; 21 Sleepy
Hollow Drive, Flemington, NJ 08822 (US).
KREUTNER, William; 18 Woodland Drive,
West Paterson, NJ 07424 (US). JAKWAY,
James; 67 Claire Drive, Bridgewater, NJ
08807 (US). FINE, Jay, S.; 11 Aldon Ter-
race, Bloomfield, NJ 07003 (US). BOBER,
Loretta, A.; 301 Raritan Road, Linden, NJ
07036 (US). CHAO, Jianhua; 93 Lakeview
Court, Pompton Lakes, NJ 07442 (US). BIJU,
Purakkattil; 55 Country Club Lane, Scotch
Plains, NJ 07076 (US). YU, Younong; 60
Country Club Lane, Scotch Plains, NJ 07076
(US).

(74) JEANETTE, Henry, C.; SCHER-
ING-PLOUGH CORPORATION, Patent
Department, K-6-1 1990, 2000 Galloping
Hill Road, Kenilworth, NJ 07033 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
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 NI NO NZ PH PL
PT RO RU SC SE SG 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 HU IE IT LU MC

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

Declaration / Déclaration :

(t) for all designations / pour toutes les
désignations

(51)⁷ A61K 31/44, 31/45, 31/495, 31/4406, A61P
37/00, 35/00, 43/00

(11) WO 03/080054 (13) A1

(21) PCT/EP03/03060

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 02006697.3 27 Mar/mar 2002 EP
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • USE OF PYRIDYL AMIDES AS IN-
HIBITORS OF ANGIOGENESIS

• UTILISATION D'AMIDES PYRIDY-
LIQUES EN TANT QU'INHIBITEURS
DE L'ANGIOGENESE

(71) FUJISAWA DEUTSCHLAND GMBH
[DE/DE]; Berg-am-Laim-Strasse 129, 81673
Munich (DE).

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les États désignés sauf US)

(72, 75) BIEDERMANN, Eifi [DE/DE];
Zugspitzstrasse 93, 85591 Vaterstetten (DE).

LÖSER, Roland [DE/DE]; Fichtenweg 2,
82340 Feldafing (DE). RATTEL, Benno
[DE/DE]; Eichelhägerstrasse 3, 81249 Mu-
nich (DE).

(74) HOFFMANN EITL; Arabellastrasse 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

Published / Publiée : (c)

(51)⁷ A61K 31/44, A61P 25/00

(11) WO 03/080055 (13) A1

(21) PCT/GB03/01237

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 0207139.7 26 Mar/mar 2002 GB
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PHARMACEUTICAL COMPOSITIONS
COMPRISING A BENZOFURAN
DERIVATIVE AND THEIR USE FOR
THE TREATMENT OF ATTENTION
DEFICIT/HYPERACTIVITY DISOR-
DER

• COMPOSITIONS PHARMACEU-
TIQUES COMPRENANT UN DERIVE
BENZOFURANE ET LEUR UTILISA-
TION POUR LE TRAITEMENT DU

TROUBLE D'HYPERACTIVITE AVEC
DEFICIT DE L'ATTENTION

(71) MERCK SHARP & DOHME LIMITED
[GB/GB]; Hertford Road, Hoddesdon, Hert-
fordshire EN11 9BU (GB).

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

(72, 75) HUTSON, Peter, Haynes [GB/GB];
Terlings Park, Eastwick Road, Harlow, Essex
CM20 2QR (GB).

(74) THOMPSON, John; Merck & Co., Inc.,
European Patent Department, Terlings Park,
Eastwick Road, Harlow, Essex CM20 2QR
(GB).

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

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

(51)⁷ A61K 31/4439, 9/14

(11) WO 03/080056 (13) A2

(21) PCT/US03/08945

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 60/366,352 21 Mar/mar 2002 US
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FINE PARTICLE SIZE PIOGLITAZONE
• PIOGLITAZONE A PARTICULES DE
TAILLE FINE

(71) TEVA PHARMACEUTICAL INDUS-
TRIES LTD. [IL/IL]; 5 Basel Street, P.O.
Box 3190, Petah Tiqva 49131 (IL).
(for all designated States except / pour tous
les États désignés sauf BB US)

(71) TEVA PHARMACEUTICALS USA, INC.
[US/US]; 1090 Horsham Road, P.O. Box
1090, North Wales, PA 19454-1090 (US).
(only for / seulement pour BB)

(72, 75) SAMBURSKI, Guy [IL/IL]; Shaldag
Street, Hofit 40295 (IL). DOLITZKY,
Ben-Zion [IL/IL]; Lohame HaGhetto 32,
Petach Tiqva 49651 IL (IL).

(74) BRAINARD, Charles R. et al. / etc.;
Kenyon & Kenyon, One Broadway, New
York, NY 10004-1050 (US).

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

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

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

(51)⁷ A61K 31/455, 9/24, 31/4184, 45/00, 31/40, A61P 9/12, 43/00

(11) WO 03/080057 (13) A1

(21) PCT/JP03/03683

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(30) 2002-88218 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DOWNSIZED CORE TABLET CONTAINING NIFEDIPINE

• COMPRIME-NOYAU DE TAILLE REDUITE CONTENANT DE LA NIFEDIPINE

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

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

(72, 75) NISHIOKA, Takaaki [JP/JP]; 4-2-64, Kikyogaoka, Nabari-shi, Mie 518-0624 (JP). MATSUOKA, Makoto [JP/JP]; 1-6-20, Suehiro-cho, Izumiotsu-shi, Osaka 595-0002 (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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (b)

(51)⁷ A61K 31/4704, 31/4709, 31/4745, A61P 35/00, C07D 401/06, 487/04

(11) WO 03/080058 (13) A1

(21) PCT/EP03/02874

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 02076157.3 22 Mar/mar 2002 EP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BENZYLIMIDAZOLYL SUBSTITUTED 2-QUINOLINE AND QUINAZOLINE DERIVATIVES FOR USE AS FARNE-SYL TRANSFERASE INHIBITORS

• DERIVES DE 2-QUINOLEINE ET DE 2-QUINAZOLINE SUBSTITUES PAR DU BENZYLIMIDAZOLE UTILISES EN TANT QU'INHIBITEURS DE FARNE-SYL TRANSFERASE

(71) JANSSEN PHARMACEUTICA. N.V. [BE/BE]; Turnhoutseweg 30, B-2340 Beerse (BE).

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(72, 75) ANGIBAUD, Patrick, René [FR/FR]; Janssen-Cilag S.A., 1, rue Camille Desmoulins, TSA 91003, F-92787 Issy-les-Moulineaux, Cedex 9 (FR).

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(74) JANSSEN PHARMACEUTICA. N.V.; Vermuyten, Karen GA 4736, J & J Patent Law Department, Tunhoutseweg 30, B-2340 Beerse (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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A61K 31/495, 31/65, 31/43, 31/48, A61P 31/04

(11) WO 03/080059 (13) A1

(21) PCT/IB02/01125

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ANTIBIOTIC PHARMACEUTICAL COMPOSITION WITH LYSERGOL AS BIO-ENHANCER AND METHOD OF TREATMENT

• COMPOSITION PHARMACEUTIQUE ANTIBIOTIQUE CONTENANT DU LYSERGOL EN TANT QUE BIO-ACTIVATEUR ET METHODE DE TRAITEMENT

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

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(72, 75) KHANUJA, Suman, Preet, Singh [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. Cimap, Lucknow 226 015, Uttar Pradesh (IN). ARYA, Jai, Shankar [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. Cimap, Lucknow 226 015, Uttar Pradesh (IN). SRIVASTAVA, Santosh, Kumar [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. Cimap, Lucknow 226 015, Uttar Pradesh (IN). SHASANY, Ajit, Kumar [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. Cimap, Lucknow 226 015, Uttar Pradesh (IN). KUMAR, Tiruppadiripuliyur, Ranganathan [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. Cimap, Lucknow 226 015, Uttar Pradesh (IN). DAROKAR, Mahendra, Pandurang [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. Cimap, Lucknow 226 015, Uttar Pradesh (IN). KUMAR, Sushil [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. Cimap, Lucknow 226 015, Uttar Pradesh (IN).

(74) GABRIEL, DEVADOSS, CALAB; Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).

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

(84) AP (GH GM 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 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)

(51)⁷ A61K 31/495, 31/496, A61P 7/02, C07D 295/12, 213/80, 295/08, 471/04, 211/62, 401/12, 401/04, 207/16

(11) WO 03/080060 (13) A1

(21) PCT/US03/07508

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 60/365,988 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SUBSTITUTED PIPERAZINE ANTITHROMBOTIC PAI-1 INHIBITORS

• INHIBITEURS ANTITHROMBOTIQUES DE PAI-1, A BASE DE PIPERAZINE SUBSTITUEE

(71) SCHERING AKTIENGESELLSCHAFT [DE/DE]; Muellerstrasse 178, 13342 Berlin (DE).

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(72, 75) CHOU, Yuo-ling [US/US]; 1068 Miller Drive, Lafayette, CA 94549 (US). GHAN-NAM, Ameen [US/US]; 422 Long Hill Road, Briarcliff Manor, NY 10510 (US). KOCHANNY, Monica, J. [US/US]; 590 East J Street, Benicia, CA 94510 (US). LEE, Wheeseong [KR/US]; 649 Moraga Way, Orinda, CA 94563 (US). LU, Shou-fu [CN/US]; 607 Forest Run, Hercules, CA 94547 (US). SHAW, Kenneth, J. [US/US]; 4 Buddy Lane, Brookside, NJ 07926 (US). YE, Bin [CN/US]; 23 Williams Drive, Moraga, CA 94556 (US). ZHAO, Zuchun [CN/US]; 865 Montevino Drive, Pleasanton, CA 94566 (US).

(74) SHAW, Melissa, A.; Berlex Biosciences, 2600 Hilltop Drive, P.O. Box 4099, Richmond, CA 94804 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A61K 31/505, 31/513

(11) WO 03/080061 (13) A1

(21) PCT/US03/10112

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/366,410 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • INHIBITION OF CELL DEATH RESPONSES INDUCED BY OXIDATIVE STRESS

• INHIBITION DE REPONSES DE MORT CELLULAIRE INDUITE PAR STRESS OXYDATIF

(63) US 60/366,410 (CIP) 21 Mar/mar 2002 (21.03.2002)

(71) DANA-FARBER CANCER INSTITUTE, INC. [US/US]; 44 Binney Street, Boston, MA 02115 (US).

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(72, 75) KUFEL, Donald, W. [US/US]; 179 Grove Street, Wellesley, MA 02482 (US). KAD-DURAH-DAOUK, Rima [US/US]; 4 Ross Road, Belmont, MA 02478 (US).

(74) BRENNAN, Jack; Fish & Richardson P.C., Suite 2800, 45 Rockefeller Plaza, New York, NY 10111 (US).

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

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

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

Published / Publiée : (c)

(51)⁷ A61K 31/519, 31/4415, 31/385, 35/78, A61P 7/02 // (A61K 31/519, 31:4415, 31:385, 35:78)

(11) WO 03/080062 (13) A1

(21) PCT/EP03/03036

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) GE2002A000026 25 Mar/mar 2002 IT (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMPOSITION COMPRISING VITAMIN B9, VITAMIN B6, LIPOIC ACID AND PLANT EXTRACTS FOR TREATING CIRCULATORY DISORDERS

• COMPOSITION COMPRENANT DE LA VITAMINE B9, DE LA VITAMINE B6, DE L'ACIDE LIPOIQUE ET DES EXTRAITS VEGETAUX POUR LE TRAITEMENT DE TROUBLES CIRCULATOIRES

(71) PERRELLA SEGRE, Silvia [IT/IT]; 25-25, Via Macaggi, I-16121 Genoa (IT).

(74) MARITANO MAELLO, Giovanna; Via Granello, 5-10, I-16121 Genova (IT).

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

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

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 31/519, A61P 9/00, 9/10, 9/12, 43/00 // C07D 475/04

(11) WO 03/080063 (13) A1

(21) PCT/JP03/03428

(22) 20 Mar/mar 2003 (20.03.2003)

(25) ja (26) ja

(30) 2002-82159 22 Mar/mar 2002 JP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PREVENTIVES OR REMEDIES FOR DISEASES CAUSED BY eNOS EXPRESSION

• MOYENS PREVENTIFS OU THERAPEUTIQUES POUR LES MALADIES PROVOQUEES PAR L'EXPRESSION DE ENOS

(71) DAIICHI SUNTORY PHARMA CO., LTD. [JP/JP]; 5-7-2, Kojimachi, Chiyoda-ku, Tokyo 102-0083 (JP).

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(72, 75) KAWASHIMA, Seinosuke [JP/JP]; 3-9-11, Midorigaoka, Toyonaka-shi, Osaka 560-0002 (JP). YOKOYAMA, Mitsuhiro [JP/JP]; 9-11-29, Suzurandai-higashi-machi, Kita-ku, Kobe-shi, Hyogo 651-1112 (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) BR CA CN KR US.

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

(51)⁷ A61K 31/519, C07D 487/02, 473/00, 471/00, 487/00, 491/00

(11) WO 03/080064 (13) A1

(21) PCT/US03/08950

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 10/103,098 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • KINASE INHIBITORS

• INHIBITEURS DE KINASES

(71) ABBOTT LABORATORIES [US/US]; Dept. 377/AP6D, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).

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(72, 75) HIRST, Gavin, C. [GB/US]; 108 Sterling Road, Princeton, MA 01541 (US). ARNOLD, Lee, D. [CA/US]; 52 Attawan Road, Niantic, CT 06357 (US). BURCHAT, Andrew [CA/US]; 31 Fox Hill Road, Shrewsbury, MA 01545 (US). WISHART, Neil [GB/US]; 406 Sterling Road, Holden, MA 01520 (US). CALDERWOOD, David [GB/US]; 4 McCarthy Circle, Framingham, MA 01702 (US). WADA, Carol, K. [US/US]; 7413 Clarewood Lane, Gurnee, IL 60031 (US). MICHAELIDES, Michael, R. [US/US]; 4452 W. Gavin Lane, Libertyville, IL 60048 (US). JI, Zhiqin [CN/US]; 1103 Tamarack Lane, Libertyville, IL 60048 (US). MUCKEY, Melanie [US/US]; 23805 126th Street, Trevor, WI 53179 (US).

(74) O'BRIEN, Gayle, B.; 100 Research Drive, Worcester, MA 01605-4314 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ A61K 31/55, A61P 25/18, C07D 281/16

(11) WO 03/080065 (13) A1

(21) PCT/US03/08898

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/365,913 20 Mar/mar 2002 US (20.03.2002)

(30) 60/443,585 29 Jan/jan 2003 US (29.01.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CRYSTALLINE FORMS OF QUETIAPINE HEMIFUMARATE

• FORMES CRISTALLINES D'HEMIFUMARATE DE QUETIAPINE

(71) TEVA PHARMACEUTICAL INDUSTRIES LTD. [IL/IL]; 5 Basel Street, P.O. Box 3190, Petah Tiqva 49131 (IL).

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(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) LIFSHITZ-LIRON, Revital [IL/IL]; 12A Kibbush H'aaovoda St., Apt. #8, 46322 Herzlia (IL). KOVALEVSKI-ISHAI, Eti [IL/IL]; Sokolov Street No. 68, Netanya 42255 (IL). DOLITZKY, Ben-Zion [IL/IL]; Lohame HaGhetto 32, 49651 Petach Tiqva (IL). WIZEL, Shlomit [IL/IL]; Yehuda Hanassi 2, 49742 Petach Tiqva (IL). LIDOR-HADAS, Rami [IL/IL]; 19 Mor Street, 44242 Kafar-Saba (IL).

(74) BRAINARD, Charles, R. et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004-1050 (US).

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

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

(51)⁷ A61K 31/5513, 31/485, A61P 1/10

(11) WO 03/080066 (13) A1

(21) PCT/GB03/01285

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 0207091.0 26 Mar/mar 2002 GB (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • USE OF DEVAZEPIDE FOR THE TREATMENT OF CONSTIPATION

• UTILISATION DE DEVAZEPIDE POUR LE TRAITEMENT DE LA CONSTIPATION

(71) ML LABORATORIES PLC [GB/GB]; 17 Hanover Square, London W1S 1HU (GB).

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(72, 75) JACKSON, Karen [GB/GB]; 11 Rookery Dell, Deepcar, Sheffield S35 2ND (GB).

(74) HARRISON GODDARD FOOTE; 31 St. Saviourgate, York YO1 8NQ (GB).

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

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

(51)⁷ A61K 31/58, C07J 71/00, A61P 37/02

(11) WO 03/080067 (13) A1

(21) PCT/IN02/00057

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • 3-0'-ALFA-L-RHAMNOPYRANOSYL-(1-2) -ALPHA-L-RHAMNOPYRANOSYL-(1-4) -3BETA-D-GLUCOPYRANOSYL-25 (S) -SPIROSTAN-3BETA-OL, PROCESS FOR ITS ISOLATION, AND ITS USE AS IMMUNOMODULATOR

• 3-0'-ALFA-L-RHAMNOPYRANOSYL-(1-2) -ALPHA-L-RHAMNOPYRANOSYL-(1-4) -3BETA-D-GLUCOPYRANOSYL-25 (S) -SPIROSTAN-3BETA-OL, SON PROCEDE D'ISOLEMENT ET SON UTILISATION EN TANT QU'IMMUNOMODULATEUR

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN). DEPARTMENT OF SCIENCE AND TECHNOLOGY [IN/IN]; Ministry of Science and Technology, Government of India, Technology Bhavan, New Mehrauli, New Delhi 110 016 (IN). ZANDU PHARMACEUTICAL WORKS LIMITED [IN/IN]; 70 Gokhle Road, South, Dadar, Mumbai 400 025, Maharashtra (IN).

(72) HANDA, Sukhdev, Swami; Regional Research Laboratory, Jammu (IN). SURI, Om, Parkash; Regional Research Laboratory Jammu, Jammu (IN). GUPTA, Vishwa, Nath; Regional Research Laboratory, Jammu (IN). SURI, Krishan, Avtar; Regional Research Laboratory Jammu, Jammu (IN). SATTI, Naresh, Kumar; Regional Research Laboratory Jammu, Jammu (IN). BHARDWAJ, Vikram; Regional Research Laboratory, Jammu (IN). BEDI, Kasturi, Lal; Regional Research Laboratory Jammu,

Jammu (IN). KHAJURIA, Anamika; Regional Research Laboratory, Jammu (IN). Kaul, Anpurna; Regional Research Laboratory, Jammu (IN). PARIKH, Krishnakant; Zandu Pharmaceuticals Rorks Ltd., Gokhle Road, (South), Mumbai 400 025, Maharashtra (IN). KULHE, Prabhakar; Zandu Pharmaceuticals Rorks Ltd., Gokhle Road (South), Mumbai 400 025, Maharashtra (IN). SALUNKHE, Ulhas; Zandu Pharmaceuticals Works Ltd., Gokhle Road (South), Mumbai 400 025, Maharashtra (IN). KRISHNAMURTHY, Raman; Zandu Pharmaceuticals Works Ltd., Gokhle Road (South), Mumbai 400 025, Maharashtra (IN).

(74) HARIHARAN, Subramaniam et al. / etc.; Subramaniam, Nataraj & Associates, E-556 Greater Kailash II, New Delhi 110 048 (IN).

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

(84) AP (GH GM 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)⁷ A61K 31/585, 31/455, 31/4965, 31/12

(11) WO 03/080068 (13) A1

(21) PCT/US03/08201

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/365,269 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMBINATION OF AN ALDOSTERONE RECEPTOR ANTAGONIST AND NICOTINIC ACID OR A NICOTINIC ACID DERIVATIVE

• COMBINAISON D'ANTAGONISTE DE RECEPTEUR D'ALDOSTERONE ET D'ACIDE NICOTINIQUE OU D'UN DERIVE D'ACIDE NICOTINIQUE

(71) PHARMACIA CORPORATION [US/US]; Corporate Patent Department, P.O. Box 1027, St. Louis, MO 63006 (US).

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

(72, 75) KELLER, Bradley, T. [US/US]; 1861 Sweet Lake Court, Chesterfield, MO 63017 (US). MCMAHON, Ellen, G. [US/US]; 9154 Park Haven Lane, Sunset Hills, MO 63126 (US). KRUL, Elaine, S. [US/US]; 594 Gedderson Lane, Warson Woods, MO 63122 (US).

(74) SCHUH, Joseph, R. et al. / etc.; Pharmacia Corporation, Corporate Patent Department, P.O. Box 1027, St. Louis, MO 63006 (US).

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

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

(51)⁷ A61K 31/585, 31/785

(11) WO 03/080069 (13) A1

(21) PCT/US03/08207

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/365,390 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMBINATION OF AN ALDOSTERONE RECEPTOR ANTAGONIST AND A BILE ACID SEQUESTERING AGENT

• COMBINAISON D'UN ANTAGONISTE DE RECEPTEURS D'ALDOSTERONE ET D'UN CHELATEUR D'ACIDES BILIAIRES

(71) PHARMACIA CORPORATION [US/US]; Corporate Patent Department, P.O. Box 1027, St. Louis, MI 63006 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KELLER, Bradley, T. [US/US]; 1861 Sweet Lake Court, Chesterfield, MO 63017 (US). MCMAHON, Ellen, G. [US/US]; 9154 Park Haven Lane, Sunset Hills, MO 63126 (US).

(74) SCHUH, Joseph, R. et al. / etc.; Pharmacia Corporation, Corporate Patent Department, P.O. Box 1027, Chesterfield, Mo 63006 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61K 31/64, 31/40, 31/015, 31/435, 31/21, A61P 5/50, A61K 31/404, 31/155, A61P 3/00

(11) WO 03/080070 (13) A2

(21) PCT/EP03/02978

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 60/366,752 22 Mar/mar 2002 US (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMBINATION OF ORGANIC COMPOUNDS

• COMBINAISON DE COMPOSÉS ORGANIQUES

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

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

(71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

(only for / seulement pour AT)

(72, 75) DAMON, Robert, Edson [US/US]; 15 Timber Lane, Randolph, NJ 07869 (US). HUGHES, Thomas, Edward [US/US]; 89 Wilson Road, Concord, MA 01742 (US). BURKEY, Bryan [US/US]; 422 Lenox Ave., Westfield, NJ 07090 (US).

(74) GROS, Florent; Novartis AG, Corporate Intellectual Property, 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 NI NO NZ OM PH PL PT RO RU SC SE SG 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 HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ A61K 31/661

(11) WO 03/080071 (13) A1

(21) PCT/KR03/00593

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ko (26) en

(30) 10-2002-0016029 25 Mar/mar 2002 KR (25.03.2002)

(30) 10-2002-0049766 22 Aug/août 2002 KR (22.08.2002)

(30) 10-2002-0064308 21 Oct/oct 2002 KR (21.10.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • NOVEL THERAPEUTICAL USE OF AGONIST LIGANDS SPECIFIC TO G2A RECEPTOR

• NOUVELLE UTILISATION THERAPEUTIQUE DE LIGANDS AGONISTES SPECIFIQUES DU RECEPTEUR G2A

(71) BIOSYNERGEN, INC. [KR/KR]; 4F. College of Medicine BLDG, Hallym University, 1 Okchon-Dong, Chunchon, Kangwon-Do 200-702 (KR).

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

(72, 75) KIM, Yung-Hi [KR/KR]; 201-607 Hyundai Apt., 427 Hupyung-dong, Chunchon, Kangwon-do 200-959 (KR). SONG, Dong-Keun [KR/KR]; 101-403 Dong-Ah Apt, 893 Hupyung-dong, Chunchon, Kangwon-do 200-963 (KR). SUH, Hong-Won [KR/KR]; 101-204 Dong-Ah Apt, 893 Hupyung-dong, Chunchon, Kangwon-do 200-963 (KR). HUH, Sung-Oh [KR/KR]; 108-101 Suksa Dawoo Apt, 724 Suksa-dong, Chunchon, Kangwon-do 200-936 (KR).

(74) KIM, Seog-Hyun; 9th Floor, Daekyung Building, 120, 2-ka Taepyung-ro, Chung-ku, Seoul 100-724 (KR).

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

SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 31/70

(11) WO 03/080072 (13) A1

(21) PCT/US03/07993

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 60/365,691 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PREEMPTIVE PROPHYLAXIS OF MIGRAINE

• PROPHYLAXIE DE LA MIGRAINE

(71, 72) CADY, Roger, K. [US/US]; 631 Riverview Road, Ozark, MO 65721 (US).

(74) MUSGRAVE, Richard, J. et al. / etc.; Husch & Eppenberger, LLC, 401 Main Street, Suite 1400, Peoria, IL 61602 (US).

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

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

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(51)⁷ A61K 31/7004, 33/26, A61L 15/20, 15/22

(11) WO 03/080073 (13) A1

(21) PCT/RU03/00101

(22) 19 Mar/mar 2003 (19.03.2003)

(25) ru (26) ru

(30) 2002107461 26 Mar/mar 2002 RU (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HEMOSTATIC DRESSING

• PANSEMENT HEMOSTATIQUE

(71, 72) BELOZERSKAYA, Galina Gen-nadijevna [RU/RU]; Litovsky bulvar, 30-174, Moscow, 117588 (RU). VASILIEVA, Tatyana Sergeevna [RU/RU]; Leninsky pr., 86-414, Moscow, 117313 (RU). MAKAROV, Vladimir Alexandrovich [RU/RU]; ul. Tverskaya, 8-1-1, Moscow, 103009 (RU). SUB-BOTKO, Olga Alexandrovna [RU/RU]; ul. Novochemerninskaya, 24-1-4, Moscow, 117218 (RU).

(74) FIRM "PATENT SERVICES CENTRE"; ul. Miklukho-Maklaya, 55a, Moscow, 117279 (RU).

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

- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 31/7028, 31/485**
- (11) **WO 03/080074** (13) A1
- (21) PCT/US03/08448
- (22) **19 Mar/mar 2003 (19.03.2003)**
- (25) en (26) en
- (30) 60/365,454 **19 Mar/mar 2002 US (19.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • GLYCOSIDE AND ORTHOESTER GLYCOSIDE DERIVATIVES OF APO-MORPHINE, ANALOGS, AND USES THEREOF
- DERIVES DE GLYCOSIDE ET DE GLYCOSIDE ORTHOESTER D'APO-MORPHINE, D'ANALOGUES ET UTILISATIONS CORRESPONDANTES
- (63) US 60/365,454 (CON) 19 Mar/mar 2002 (19.03.2002)
- (71, 72) **HOLICK, Michael** [US/US]; 31 Bishop Lane, Sudbury, MA 01776 (US).
- (72, 75) **RAMANATHAN, Halasya** [—/US]; Fitchburg, MA (US).
- (74) **CLARK, Paul, T.**; Clark & Elbing 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ **A61K 31/7048, A61P 35/00, C07H 15/26, 17/04**
- (11) **WO 03/080075** (13) A1
- (21) PCT/JP02/02914
- (22) **26 Mar/mar 2002 (26.03.2002)**
- (25) ja (26) ja
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • AMELIORANT FOR CHEMICAL TREATMENT OF CANCER
- AMELIORANT POUR LE TRAITEMENT CHIMIQUE DU CANCER
- (71) **CCI CORPORATION** [JP/JP]; 12, Shin-hazama, Seki-shi, Gifu 501-3923 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **KAGIYA, Tsutomu** [JP/JP]; 3-16, Yoshidakaguraokacho, Sakyo-ku, Kyoto-shi, Kyoto 606-8311 (JP).
- (72, 75) **MURASE, Hironobu** [JP/JP]; 2435-178, Nagara, Gifu-shi, Gifu 502-0071 (JP). **KONOVALOVA, Nina Petrovna** [RU/RU]; Tretiya street, build 3 apart 1, 142432 Chernogolovka Moscow reg (RU). **VOLKOVA, Ludmila Mihailovna** [RU/RU]; Shkolny bulvar, build 19 apart 116, 142432 Chernogolovka Moscow reg (RU). **LUGOVSKAYA, Nataliya Yurievna** [RU/RU]; Stroiteley avenu, build 4 app 53, 142432 Chernogolovka Moscow reg (RU). **VASILIEVA, Lubov Sergeevna** [RU/RU]; Centralnay street, build 4 "b" apart 9, 142432 Chernogolovka Moscow reg (RU).
- (74) **HATTA, Mikio et al.** / etc.; Dia Palace Nibancho, 11-9, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).
- (81) CA CN GE JP KR UA US UZ.
- (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)⁷ **A61K 31/7056, A61P 35/00**
- (11) **WO 03/080076** (13) A1
- (21) PCT/ES03/00130
- (22) **20 Mar/mar 2003 (20.03.2003)**
- (25) es (26) es
- (30) P200200760 **21 Mar/mar 2002 ES (21.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NOVEL THERAPEUTIC USE OF RIBOSIDE OF 5-AMINOIMIDAZOLE-4-CARBOXAMIDE (ACADESINE)
- NOUVELLE UTILISATION THERAPEUTIQUE DU RIBOSIDE DE 5-AMINOIMIDAZOL-4-CARBOXAMIDE (ACADESINE)
- (71) **UNIVERSIDAD DE BARCELONA** [ES/ES]; Centro de Patentes de la UB, Baldiri Reixac, 4, 08028 Barcelona (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LÓPEZ BLANCO, José Manuel** [ES/ES]; Centro de Patentes de la UB, Baldiri Reixac, 4, 08028 BARCELONA (ES). **CAMPÁS MOYA, Clara** [ES/ES]; Centro de Patentes de la UB, Baldiri Reixac, 4, 08028 Barcelona (ES). **GIL SANTANO, Juan** [ES/ES]; Centro de Patentes de la UB, Baldiri Reixac, 4, 08028 Barcelona (ES).
- (74) **SEGURA CÁMARA, Pascual**; Centro de Patentes de la UB, Baldiri Reixac, 4, 08028 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 31/7064, A61P 31/12**
- (11) **WO 03/080078** (13) A1
- (21) PCT/US03/06711
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) en (26) en
- (30) 60/365,425 **18 Mar/mar 2002 US (18.03.2002)**
- (30) 60/372,719 **12 Apr/avr 2002 US (12.04.2002)**
- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61K 31/7056, 31/4745, 31/282, 31/24, 31/704, 31/7048, 31/519, 45/00, A61P 35/00, 43/00**
- (11) **WO 03/080077** (13) A1
- (21) PCT/JP02/10186
- (22) **30 Sep/sep 2002 (30.09.2002)**
- (25) ja (26) ja
- (30) 2002-84677 **26 Mar/mar 2002 JP (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • USE OF ANTITUMOR INDOLOPYRROLOCARBAZOLE DERIVATIVE AND OTHER ANTICANCER AGENT IN COMBINATION
- UTILISATION COMBINÉE DE DERIVES ANTICANCEREUX DE L'INDOLOPYRROLOCARBAZOLE ET D'UN AUTRE AGENT ANTICANCEREUX
- (71) **BANYU PHARMACEUTICAL CO., LTD.** [JP/JP]; 2-3, Nihombashi Honcho 2-chome, Chou-ku, Tokyo 103-8416 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ARAKAWA, Hiroharu** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). **MONDEN, Yoshiaki** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Licensing, 5-1, Nihombashi-Kabutocho, Chou-ku, Tokyo 103-0026 (JP). **NAKATSURU, Yoko** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). **KODERA, Tsutomu** [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP).
- (74) **BANYU PHARMACEUTICAL CO., LTD.**; 2-3, Nihombashi Honcho 2-chome, Chou-ku, Tokyo 103-8416 (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).

(30) 60/383,852 **28 May/mai 2002** US
(**28.05.2002**)

(30) 60/411,559 **17 Sep/sep 2002** US
(**17.09.2002**)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TREATMENT OF PRE-CORE HEPATITIS B VIRUS MUTANT INFECTIONS
• TRAITEMENT D'INFECTIONS MUTANTES DE LA REGION PRE-C DU VIRUS DE L'HEPATITE B

(71) ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

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

(72, 75) COLACINO, Joseph, Matthew [US/US]; 9415 Moorings Boulevard, Indianapolis, IN 46256 (US).

(74) COHEN, Charles, E. 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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declarations / Déclarations :

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

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

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

(51)⁷ A61K 31/724, 47/40

(11) WO 03/080079 (13) A1

(21) PCT/US03/08348

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/102,066 **19 Mar/mar 2002** US
(**19.03.2002**)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • USE OF SULFOALKYL ETHER CYCLODEXTRIN AS A PRESERVATIVE
• UTILISATION DE SULFOALKYLETHER DE CYCLODEXTRINE COMME AGENT CONSERVATEUR

(71) CYDEX, INC. [US/US]; 12980 Metcalf Avenue, Suite 470, Overland Park, KS 66213 (US).

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

(72, 75) MOSHER, Gerold, L. [US/US]; 12215 Avila Drive, Kansas City, MO 64145 (US). PIPKIN, James, D. [US/US]; 4500 Woodland Drive, Lawrence, KS 66049 (US). ZIMMERER, Rupert, O. [US/US]; 1162 North 1100 Rd., Lawrence, KS 66047 (US). FULK, Christina, M. [US/US]; 1225 Todd Street, Platte City, MO 64079 (US). THOMPSON, Diane, O. [US/US]; 13322 W. 113th Street, Overland Park, KS 66210 (US).

(74) MATOS, Rick; Innovar, L.L.C., P.O. Box 250647, Plano, TX 75025-0647 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK 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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 31/724, 31/662, 31/522, A61P 31/12

(11) WO 03/080080 (13) A1

(21) PCT/US03/08915

(22) 21 Mar/mar 2003 (21.03.2003)

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(30) 60/366,429 **21 Mar/mar 2002** US
(**21.03.2002**)

(30) 60/456,112 **19 Mar/mar 2003** US
(**19.03.2003**)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CYCLODEXTRIN COMPOSITIONS AND METHODS OF TREATING VIRAL INFECTIONS

• COMPOSITIONS DE CYCLODEXTRINE ET METHODES DE TRAITEMENT D'INFECTIONS VIRALES

(71) REGENTS OF THE UNIVERSITY OF MINNESOTA [US/US]; 450 McNamara Alumni Center, 200 Oak Street S.E., Minneapolis, MN 55455-2070 (US).

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(74) STEFFEY, Charles, E. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(22) 25 Mar/mar 2002 (25.03.2002)

- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SYNERGISTIC COMPOSITION OF TRANS-TETRACOS-15-ENOIC ACID AND APOCYNIN AND USE THEREOF
• COMPOSITION SYNERGISTIQUE D'ACIDE 15 TRANSTETRACOSE-NOIQUE ET UTILISATION ASSOCIEE
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg 110 001 New Delhi (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HANDA, Sukhdev, Swami [IN/IN]; Regional Research Laboratory Jammu, Canal Road, Jammu 180 001 (IN). SURI, Om, Parkash [IN/IN]; Regional Research Laboratory Jammu, Canal Road, Jammu 180 001 (IN). GUPTA, V.N. [IN/IN]; Regional Research Laboratory Jammu, Canal Road, Jammu 180 001 (IN). SURI, Krishan, Avtar [IN/IN]; Regional Research Laboratory Jammu, Canal Road, Jammu 180 001 (IN). SATTI, Naresh, Kumar [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). BHARDWAJ, Vikram [IN/IN]; Regional Research Laboratory Jammu, Canal Road, Jammu 180 001 (IN). SINGH, Bupinder [IN/IN]; Regional Research Laboratory Jammu, Canal Road, Jammu 180 001 (IN). CHANDAN, Bal, Krishan [IN/IN]; Regional Research Laboratory Jammu, Canal Road, Jammu 180 001 (IN).
- (74) GABRIEL, DEVADOSS, CALAB; Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE 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 HU 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)⁷ A61K 35/20, 38/00, 31/713, 39/00, 39/02, 35/74, 39/40, 39/42, A61P 31/00, 1/12
- (11) WO 03/080082 (13) A1
- (21) PCT/AU03/00348
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) PS 1278 21 Mar/mar 2002 AU (21.03.2002)
- (30) PS 2551 24 May/mai 2002 AU (24.05.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COMPOSITIONS CONTAINING LABILE BIOACTIVE MATERIALS AND MAMMALIAN COLOSTRUM, METHODS OF PREPARATION AND TREATMENT
• COMPOSITIONS CONTENANT DES MATERIAUX BIOACTIFS LABILES ET DU COLOSTRUM DE MAMMIFERE, METHODES DE PREPARATION ET DE TRAITEMENT
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- (74) PHILLIPS ORMONDE & FITZ-PATRICK; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 35/76, A61P 35/00, C12N 7/04, 15/861
- (11) WO 03/080083 (13) A1
- (21) PCT/ES03/00140
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) es (26) es
- (30) P 200200716 26 Mar/mar 2002 ES (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • USE OF ADENOVIRUSES MUTATED IN THE VA GENES FOR CANCER TREATMENT
• UTILISATION D'ADENOVIRUS MUTES DANS LES GENES VA EN VUE DU TRAITEMENT DU CANCER
- (71, 72) ALEMANY BONASTRE, Ramon [ES/ES]; Institut Català d'Oncologia, Avenida Gran Via, Km 2,7, E-08907 L'Hospitalet (ES). CASCALLÓ PIQUERAS, Manel Maria [ES/ES]; Institut Català d'Oncologia, Avenida Gran Via, Km 2,7, E-08907 L'Hospitalet (ES).
- (74) ISERN JARA, Jorge; Avenida Diagonal, 463 bis 2°, E-08036 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 35/78, A61P 9/10
- (11) WO 03/080084 (13) A1
- (21) PCT/CA03/00433
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) en (26) en
- (30) 10/108,305 26 Mar/mar 2002 US (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A PROCESS FOR THE EXTRACTION OF ANTHOCYANINS FROM BLACK RICE AND COMPOSITION THEREOF
• PROCEDE D'EXTRACTION D'ANTHOCYANINES DU RIZ NOIR ET LEUR COMPOSITION
- (71) FORBES MEDI-TECH INC. [CA/CA]; 200-750 West Pender Street, Vancouver, British Columbia V6C 2T8 (CA).
- (72) ZAWISTOWSKI, Jerzy; 3 Parkwood Place, Port Moody, British Columbia V3H 4K6 (CA). HU, Chun; 101-2730 Acadia Road, Vancouver, British Columbia V6T 1R9 (CA). KITTS, David, D.; 1708-4288 Grange Street, Burnaby, British Columbia V5H 1P2 (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 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A61K 35/78, A61P 25/18
- (11) WO 03/080085 (13) A1
- (21) PCT/EP03/03097
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- (25) de (26) de
- (30) 102 13 571.1 26 Mar/mar 2002 DE (26.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PLANT EXTRACTS AND THE USE THEREOF
• EXTRAITS DE PLANTES ET LEUR UTILISATION
- (71) LICHTWER PHARMA AG [DE/DE]; Wallenroder Strasse 8-10, 13435 Berlin (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PLOCH, Michael [DE/DE]; Grossbeerenstrasse 56, 10965 Berlin (DE). MURCK, Harald [DE/DE]; Choriner Strasse 64A, 10435 Berlin (DE). HAFFNER, Thomas [DE/DE]; Parkstrasse 33, 13187 Berlin (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • A COMPOSITION FOR TREATING GASTRIC ULCER AND A PROCESS FOR PREPARING THE SAME

- COMPOSITION DESTINEE AU TRAITEMENT DE L'ULCERE GASTRIQUE ET PROCEDE PERMETTANT DE PREPARER CETTE COMPOSITION

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

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- (74) GABRIEL, DEVADOSS, CALAB; Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).

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

(84) AP (GH GM 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)

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); (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); (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); (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)

Published / Publiée : (b)

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); (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); (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)

(51)⁷ A61K 35/78

(11) WO 03/080087 (13) A1

(21) PCT/IB02/01126

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • PHARMACEUTICAL COMPOSITION CONTAINING AN EXTRACT FROM BARLERIA PRIONITIS LINN AND ITS PROCESS OF PREPARATION

- COMPOSITION PHARMACEUTIQUE CONTENANT UN EXTRAIT TIRE DE BARLERIA PRIONITIS LINN ET SON PROCEDE DE PREPARATION

- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; an Indian Registered body incorporated under the Registration of Societies Act (Act XXI of 1860), Rafi Marg, 110 001 New Delhi (IN).

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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 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)

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); (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); (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)

Published / Publiée : (b)

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); (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); (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)

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 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); (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); (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)

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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 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)⁷ A61K 35/78, A61P 31/04

(11) WO 03/080089 (13) A1

(21) PCT/IB02/01157

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BIOACTIVE HEXANE FRACTION FROM VETIVERIA ZIZANIOIDES
• FRACTION D'HEXANE BIOACTIVE DE VETIVERIA ZIZANIOIDES

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

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(72, 75) KHANUJA, Suman, Preet, Singh [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow, Uttar Pradesh 226 015 (IN). SRIVASTAVA, Suchi [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow, Uttar Pradesh 226 015 (IN). KUMAR, Tiruppadiripuliyur, Ranganathan, Santha [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow, Uttar Pradesh 226 015 (IN). GUPTA, Madan, Mohan [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow, Uttar Pradesh 226 015 (IN). TRIPATHY, Arvind, Kumar [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow, Uttar Pradesh 226 015 (IN). SINGH, Monika [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow, Uttar Pradesh

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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 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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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)⁷ A61K 35/78

(11) WO 03/080090 (13) A1

(21) PCT/IB02/00635

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HEPATOCURATIVE EFFECT OF EMBLICA OFFICINALIS ON HEPATOTOXICITY RELATED TO CYTOCHROME P-450

• EFFET HEPATOCURATIF D'EMBLICA OFFICINALIS SUR L'HEPATOTOXICITE ASSOCIEE AU CYTOCHROME P-450

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

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(72, 75) JOHRI, Rakesh, Kamal [IN/IN]; Regional Research Laboratory Jammu, Canal

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(74) GABRIEL, DEVADOSS, CALAB, KUMARAN & SAGAR; 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).

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

(84) AP (GH GM 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)⁷ A61K 35/78, A61P 27/12

(11) WO 03/080091 (13) A1

(21) PCT/IN02/00242

(22) 24 Dec/déc 2002 (24.12.2002)

(25) en (26) en

(30) 365/DEL/2002 27 Mar/mar 2002 IN (27.03.2002)

(30) 366/DEL/2002 27 Mar/mar 2002 IN (27.03.2002)

(30) 419/DEL/2002 27 Mar/mar 2002 IN (27.03.2002)

(30) 418/DEL/2002 28 Mar/mar 2002 IN (28.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • HERBAL OPHTHALMIC FORMULATION FOR PREVENTING CATARACT
• FORMULATION OPHTHALMIQUE A BASE D'HERBES MEDICINALES POUR PREVENIR LA CATARACTE
- (71) ALL INDIA INSTITUTE OF MEDICAL SCIENCES [IN/IN]; Department of Pharmacology, Ansari Nagar, New Delhi 110 029 (IN). DEPARTMENT OF SCIENCE AND TECHNOLOGY [IN/IN]; Technology Bhawan, New Mehrauli Road, New Delhi 110016 (IN).
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- (74) ANAND AND ANAND ADVOCATES; B-41, Nizamuddin East, New Delhi 110013 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU 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).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ A61K 35/78, A61P 19/02
(11) WO 03/080092 (13) A1
(21) PCT/IN02/00053
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • WATER SOLUBLE BIOACTIVE FRACTION ISOLATED FROM GUM RESIN EXUDATE OF BOSWELLIA SERRATA, PROCESS FOR ISOLATION THEREOF, COMPOSITION CONTAINING SAID FRACTION AND USE THEREOF
• FRACTION BIOACTIVE HYDROSOLUBLE ISOLEE DE L'EXSUDATE DE RESINE GOMMEUSE DE BOSWELLIA SERRATA, SON PROCEDE D'ISOLEMENT, ET COMPOSITION CONTENANT LADITE FRACTION, ET SON UTILISATION
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) BANERJEE, Sunil, Kumar; Regional Research Laboratory, Jammu (IN). GUPTA, Om, Parkash; Regional Research Laboratory, Jammu (IN). TANEJA, Subhash, Chandra; Regional Research Laboratory, Jammu (IN). GUPTA, Bishan, Datt; Regional Research Laboratory, Jammu (IN). SETHI, Vijay, Kumar; Regional Research Laboratory, Jammu (IN). ANAND, Avtar, Singh; Regional Research Laboratory, Jammu (IN). MANHAS, Lila, Ram; Regional Research Laboratory, Jammu (IN). GUPTA, Rajinder, Kumar; Regional Research Laboratory, Jammu (IN). BANI, Sarang; Regional Research Laboratory, Jammu (IN). SINGH, Surjeet; Regional Research Laboratory, Jammu (IN). SHARMA, Neelam; Regional Research Laboratory, Jammu (IN). HANDA, Sukhdev, Swami; Regional Research Laboratory, Jammu (IN).
- (74) HARIHARAN, Subramaniam et al. / etc.; Subramaniam, Nataraj & Associates, E-556 Greater Kailash II, New Delhi 110 048 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG 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)⁷ A61K 35/78, 35/02
(11) WO 03/080093 (13) A1
(21) PCT/IN03/00061
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
(30) 179/CAL/02 27 Mar/mar 2002 IN (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A PROCESS FOR THE PREPARATION OF A NEW MEDICINAL COMBINATION FOR REGRESSION OF INTRACRANIAL TUMORS AND OTHER TUMORS OCCURRING IN THE HUMAN BODY
• PROCEDE DE PREPARATION D'UNE NOUVELLE COMBINAISON MEDICINALE POUR LA REGRESSION DE TUMEURS INTRACRANIENNES ET AUTRES TUMEURS AFFECTANT LE CORPS HUMAIN
- (71, 72) BANERJI, Prasanta [IN/IN]; 10/3/1 Lala Lajpat Rai Sarani, Kolkata 700 020, West Bengal (IN). BANERJI, Pratip [IN/IN]; 10/3/1 Lala Lajpat Rai Sarani, Kolkata 700 020, West Bengal (IN).
- (74) BANERJI, Prasanta; 10/3/1 Lala Lajpat Rai Sarani, Kolkata 700 020, West Bengal (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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(u) for / pour US only / seulement
- (51)⁷ A61K 35/78, A61P 1/04
(11) WO 03/080095 (13) A1
(21) PCT/IN03/00067
(22) 24 Mar/mar 2003 (24.03.2003)
(25) en (26) en
(30) 60/367,490 27 Mar/mar 2002 US (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ANTI PEPTIC ULCER ACTIVITY OF AN EXTRACT OF A PLANT FLOWER WOODFORDIA FRUTICOSA
• ACTIVITE DIRIGEE CONTRE L'ULCERE GASTRO-DUODENAL D'UNE FLEUR DE LA PLANTE WOODFORDIA FRUTICOSA

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110001 (IN).

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(74) **SRINIVASAN, Thiagarajan; Kumaran & Sagar**, 84-C, C6 LANE, Off Central Avenue, Sainik Farms, NEW DELHI 110 062 (IN).

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

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

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

(51)⁷ A61K 35/78, 9/06, A61P 11/02, 27/14, 37/08

(11) WO 03/080096 (13) A1

(21) PCT/JP03/03822

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(30) 2002-88823 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMPOSITIONS FOR TREATING AND/OR PREVENTING POLLENOSIS
• COMPOSITIONS DE TRAITEMENT ET/OU DE PREVENTION DE LA POLLINOSE

(71) **HOUOUDOU CO.,LTD.** [JP/JP]; 3-2, Ebara 4-Chome, Shinagawa-Ku, Tokyo 142-0062 (JP).

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(74) **NAKAMURA, Minoru et al.** / etc.; Shin-Tokyo Bldg., 3-1, Marunouchi 3-Chome, Chiyoda-Ku, Tokyo 100-8355 (JP).

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

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

(51)⁷ A61K 38/00, G01N 33/74

(11) WO 03/080097 (13) A2

(21) PCT/EP03/02404

(22) 10 Mar/mar 2003 (10.03.2003)

(25) en (26) en

(30) 02006594.2 22 Mar/mar 2002 EP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH HOMO SAPIENS G - PROTEIN - COUPLED RECEPTOR 7 (GPR7)

• METHODES DIAGNOSTIQUES ET THERAPEUTIQUES RELATIVES A DES MALADIES ASSOCIEES AU RECEPTEUR 7 COUPLE A LA PROTEINE G HUMAINE (GPR7)

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).

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

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

Declaration / Déclaration :

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

(51)⁷ A61K 38/00, G01N 33/74

(11) WO 03/080098 (13) A2

(21) PCT/EP03/02414

(22) 10 Mar/mar 2003 (10.03.2003)

(25) en (26) en

(30) 02006595.9 22 Mar/mar 2002 EP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH HOMO SAPIENS FORMYL PEPTIDE RECEPTOR-LIKE 2

• DIAGNOSTICS ET THERAPEUTIQUES ASSOCIES AU RECEPTEUR 2 DU PEPTIDE DE FORMYLE HUMAIN

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).

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(72, 75) **GOLZ, Stefan** [DE/DE]; Bückmannsmühle 46, 45326 Essen (DE). **BRÜGGE-MEIER, Ulf** [DE/DE]; Leysiefen 20, 42799 Leichlingen (DE). **GEERTS, Andreas** [DE/DE]; Schuckertstr. 29, 42113 Wuppertal (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ A61K 38/00, G01N 33/74

(11) WO 03/080099 (13) A2

(21) PCT/EP03/02684

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 02006652.8 26 Mar/mar 2002 EP
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH G-PROTEIN COUPLED RECEPTOR 10 (GPR10)

• DIAGNOSTICS ET TRAITEMENTS DE MALADIES ASSOCIEES AU RECEPTEUR 10 COUPLE AUX PROTEINES G (GPR10)

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

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

Declaration / Déclaration :

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

(51)⁷ A61K 38/00, G01N 33/74

(11) WO 03/080100 (13) A2

(21) PCT/EP03/02686

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 02006651.0 26 Mar/mar 2002 EP
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH HOMO SAPIENS G - PROTEIN - COUPLED RECEPTOR 63 (GPR63)

• DIAGNOSTIC ET THERAPIE DES MALADIES ASSOCIEES AU RECEPTEUR 63 COUPLE A LA PROTEINE G CHEZ HOMO SAPIENS (GPR63)

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

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

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

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

Declaration / Déclaration :

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

(51)⁷ A61K 38/00, 38/16, 38/17, 38/18, 38/28

(11) WO 03/080101 (13) A1

(21) PCT/US02/08110

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMPOSITIONS AND METHODS FOR INHIBITING THE PROLIFERATION AND INVASIVENESS OF MALIGNANT CELLS COMPRISING E-DOMAIN PEPTIDES OF IGF-I

• COMPOSITIONS ET PROCEDES D'INHIBITION DE LA PROLIFERATION ET DU POUVOIR ENVAHISSANT DE CELLULES MALIGNES COMPORTANT DES PEPTIDES E DE L'IGF-I

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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 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)⁷ A61K 38/08, C07K 7/06, A23K 1/165 // C07K 105:00

(11) WO 03/080102 (13) A1

(21) PCT/CU03/00002

(22) 22 Jan/jan 2003 (22.01.2003)

(25) es (26) es

(30) 2002/0020 24 Jan/jan 2002 CU
(24.01.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD OF STIMULATING GROWTH AND RESISTANCE TO DISEASES OF AQUATIC ORGANISMS

• PROCEDE DE STIMULATION DE LA CROISSANCE ET DE LA RESISTANCE AUX MALADIES D'ORGANISMES AQUATIQUES

(71) CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA. [CU/CU]; Ave.31 e/158 y 190, Cubanacán, Paya., 12100 Ciudad de la Habana (CU).

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- (74) POVEDA MARCHECO, Argia; Ave. 31 e/158 y 190, Cubanacán, Playa., 10600 Ciudad de la Habana (CU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 38/12, 38/16, 38/17, A61P 13/12
(11) WO 03/080103 (13) A1
(21) PCT/IB02/01393
(22) 25 Mar/mar 2002 (25.03.2002)
(25) en (26) en
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • ANTAGONISTS OF MEGALIN OR CUBILIN FOR USE IN PREVENTING ORGAN DAMAGE INDUCED BY THERAPEUTIC AGENTS
• ANTAGONISTES DE MEGALINE OU DE CUBILINE DESTINES A ETRE UTILISEES DANS LA PREVENTION DE L'ENDOMMAGEMENT D'ORGANES INDUIT PAR DES AGENTS THERAPEUTIQUES
- (71) MAX-DELBRÜCK-CENTRUM FÜR MOLEKULARE MEDIZIN [DE/DE]; Robert-Rössle-Strasse 10, 13125 Berlin (DE).
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- (72, 75) WILLNOW, Thomas [DE/DE]; Riescheider Weg 9, 13465 Berlin (DE).
- (74) HØIBERG, Susanne; Hoiberg A/S, Store Kongensgade 59 B, DK-1264 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 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)⁷ A61K 38/17
(11) WO 03/080105 (13) A2
(21) PCT/FR03/00912
(22) 21 Mar/mar 2003 (21.03.2003)
(25) fr (26) fr
(30) 02/03655 22 Mar/mar 2002 FR (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • ANGIOGENESIS REGULATOR GENES, PHARMACEUTICAL PREPARATIONS CONTAINING SAME AND USES THEREOF
• GENES REGULATEURS DE L'ANGIOGENESE, PREPARATIONS PHARMACEUTIQUES LES CONTENANT ET LEURS APPLICATIONS
- (71) GENE SIGNAL [FR/FR]; 4 rue Pierre Fontaine, F-91000 Evry (FR).
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- (71, 72) AL-MAHMOOD, Salman [FR/FR]; 2, square Alice, F-75014 Paris (FR).
- (72, 75) COLIN, Sylvie [FR/FR]; 2, Square Alice, F-75014 Paris (FR). SCHNEIDER, Christophe [FR/FR]; 10, rue Jeanne Jugan, F-51100 Reims (FR).
- (74) BREESE, Pierre et al. / etc.; Breese-Majerowicz, 3, avenue de l'Opera, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 38/19, 39/00, 39/395, C07K 14/52, 16/28, 16/30
(11) WO 03/080106 (13) A1
(21) PCT/US03/09136
(22) 21 Mar/mar 2003 (21.03.2003)
(25) en (26) en
(30) 60/366,917 21 Mar/mar 2002 US (21.03.2002)
(30) 10/118,473 5 Apr/avr 2002 US (05.04.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • ANTIBODY FUSION PROTEINS: EFFECTIVE ADJUVANTS OF PROTEIN VACCINATION
• PROTEINES DE FUSION D'ANTICORPS UTILISEES EN TANT QU'ADJUVANTS EFFICACES DE VACCINATION PAR PROTEINES
- (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) **PENICHERET, Manuel, L.** [CU/US]; 3767 Mentone Avenue, Apt. 413, Los Angeles, CA 90034 (US). **MORRISON, Sherie, L.** [US/US]; 258 Denslow Avenue, Los Angeles, CA 90049 (US). **PENG, Lisan** [US/US]; 2225 E. Hampton Street, Tuscon, AZ 85719 (US). **DELA CRUZ, Jay** [PH/US]; 626 E. 99th St., Apt. E, Inglewood, CA 90301 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ **A61K 38/22, 9/08, A61P 7/06, 33/02, 33/04, 33/06**

(11) **WO 03/080107** (13) A1

(21) PCT/JP03/03426

(22) **20 Mar/mar 2003 (20.03.2003)**

(25) ja (26) ja

(30) 2002/80482 **22 Mar/mar 2002 JP (22.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **REMEDIES FOR PROTOZOAN DISEASES**

• **REMEDES DESTINES AUX MALADIES PROTOZOAIRES**

(71) **CHUGAI SEIYAKU KABUSHIKI KAISHA** [JP/JP]; 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP).

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

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

(51)⁷ **A61K 38/37, 9/19, 47/26, 47/18**

(11) **WO 03/080108** (13) A1

(21) PCT/GB03/01297

(22) **26 Mar/mar 2003 (26.03.2003)**

(25) en (26) en

(30) 0207092.8 **26 Mar/mar 2002 GB (26.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **STABLE PHARMACEUTICAL COMPOSITION CONTAINING FACTOR VIII**
• **COMPOSITION PHARMACEUTIQUE STABLE CONTENANT LE FACTEUR VIII**

(71) **SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES (S.C.R.A.S.)** [FR/FR]; 42, rue du Docteur Blanche, F-75016 Paris (FR).

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(72, 75) **WHITE, Mary** [GB/GB]; Ipsen Biopharm Ltd, Ash Road, Wrexham Industrial Estate, Wrexham LL13 9UF (GB). **WEBB, Paul** [GB/GB]; Ipsen Biopharm Ltd, Ash Road, Wrexham Industrial Estate, Wrexham LL13 9UF (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ **A61K 38/44, 9/00, A61P 31/04 // A61K 9/10, 9/12, C12N 9/02, A61K 33/40**

(11) **WO 03/080109** (13) A1

(21) PCT/SE03/00384

(22) **6 Mar/mar 2003 (06.03.2003)**

(25) en (26) en

(30) 0200876-1 **22 Mar/mar 2002 SE (22.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **USE OF HYDROGEN PEROXIDE PRODUCING ENZYME FOR TREATMENT OF OTITIS MEDIA**

• **UTILISATION D'UNE ENZYME PRODUISANT DU PEROXYDE D'HYDROGENE POUR LE TRAITEMENT DE L'OTITE MOYENNE**

(71, 72) **TANO, Krister** [SE/SE]; Västra Lillgårdsvägen 26, S-961 50 Boden (SE).

(74) **DR LUDWIG BRANN PATENTBYRÅ AB;** Box 17192, 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **A61K 38/46, A61P 17/12**

(11) **WO 03/080110** (13) A1

(21) PCT/MX02/00024

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

(25) es (26) es

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **TOPICAL PATHOGENIC-TISSUE-DESTROYING LIQUID**

• **LIQUIDE TOPIQUE DESTRUCTEUR DE TISSU PATHOGENE**

(71, 72) **SUAREZ MENDOZA, Ramón** [MX/MX]; Madero Ote. No. 691, Col. Centro, Morelia, Michoacán 58000 (MX).

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

(84) AP (GH GM 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)⁷ **A61K 39/00**

(11) **WO 03/080111** (13) A2

(21) PCT/CA03/00434

(22) **25 Mar/mar 2003 (25.03.2003)**

(25) en (26) en

(30) 60/366,531 **25 Mar/mar 2002 US (25.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **CHEMOTHERAPEUTIC AGENTS AS ANTI-CANCER VACCINE ADJUVANTS AND THERAPEUTIC METHODS THEREOF**

• **AGENTS CHIMIOOTHERAPEUTIQUES UTILISES EN TANT QU'ADJUVANTS VACCINAUX CONTRE LE CANCER ET PROCEDES THERAPEUTIQUES CORRESPONDANTS**

(71) **TECHNOLOGIES BIOLACTIS INC.** [CA/CA]; 345, rue des Saguenéens, 2e étage, Bureau 290, Chicoutimi, Québec G7H 6K9 (CA).

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

(72, 75) **SIMARD, Eric** [CA/CA]; 158 Chemin de la Petite-Côte, Laval, Québec H7L 5Z7 (CA). **GOYETTE, Philippe** [CA/CA]; 2121

- de Champlain, Montréal, Québec H2L 2T1 (CA). LEMIEUX, Pierre [CA/CA]; 97 Des Chênes, Ste-Thérèse, Québec J7E 4Z2 (CA).
- (74) OGILVY RENAULT; Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 39/00
- (11) WO 03/080112 (13) A2
- (21) PCT/GB03/01213
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 10/102,622 19 Mar/mar 2002 US (19.03.2002)
- (30) 60/366,058 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ADJUVANT
• ADJUVANT
- (71) POWDERJECT RESEARCH LIMITED [GB/GB]; 4 Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4GA (GB). GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRAUN, Ralph, Patrick [US/US]; 585 Science Drive, Madison, WI 53711 (US). THOMSEN, Lindy [GB/GB]; GlaxoSmithKline Plc, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). VAN-WELY, Catherine [GB/GB]; GlaxoSmithKline Plc, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). ERTL, Peter [GB/GB]; GlaxoSmithKline Plc, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).
- (74) WOODS, Geoffrey, Corlett; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 39/07, 39/39, A61P 1/02, 31/04
- (11) WO 03/080113 (13) A1
- (21) PCT/JP03/03619
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ja (26) ja
- (30) 2002-87294 27 Mar/mar 2002 JP (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MUCOSAL IMMUNE VACCINE FOR PERIODONTAL DISEASES
• VACCIN D'IMMUNISATION DES MUQUEUSES POUR MALADIES PARODONTALES
- (71) NIHON UNIVERSITY SCHOOL JURIDICAL PERSON [JP/JP]; 8-24, Kudanminami 4-chome, Chiyoda-ku, Tokyo 102-8275 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OTAKE, Shigeo [JP/JP]; c/o Nihon University School Juridical Person, 8-24, Kudan minami 4-chome, Chiyoda-ku, Tokyo 102-8275 (JP). ABIKO, Yoshimitsu [JP/JP]; c/o Nihon University School Juridical Person, 8-24, Kudan minami 4-chome, Chiyoda-ku, Tokyo 102-8275 (JP). YAMAMOTO, Masafumi [JP/JP]; c/o Nihon University School Juridical Person, 8-24, Kudan minami 4-chome, Chiyoda-ku, Tokyo 102-8275 (JP). HAYAKAWA, Mitsuo [JP/JP]; c/o Nihon University School Juridical Person, 8-24, Kudan minami 4-chome, Chiyoda-ku, Tokyo 102-8275 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 39/39, A61P 37/04
- (11) WO 03/080114 (13) A2
- (21) PCT/GB03/01203
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 10/102,615 19 Mar/mar 2002 US (19.03.2002)
- (30) 60/366,057 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ADJUVANT FOR VACCINES
• ADJUVANT POUR VACCINS
- (71) POWDERJECT RESEARCH LIMITED [GB/GB]; 4 Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4GA (GB). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRAUN, Ralph, Patrick [US/US]; 585 Science Drive, Madison, WI 53711 (US).
- (74) WOODS, Geoffrey, Corlett; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 39/395
- (11) WO 03/080115 (13) A1
- (21) PCT/JP03/03377
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) ja (26) ja
- (30) 2002-81968 22 Mar/mar 2002 JP (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • IMMUNOGLOBULIN/HYDROPHILIC PEPTIDE COMPLEXES
• COMPLEXES PEPTIDE HYDROPHILE - IMMUNOGLOBULINE
- (71) BIPHA CORPORATION [JP/JP]; 1007-124, Izumisawa, Chitose-shi, Hokkaido 066-0051 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUTAKI, Shiro [JP/JP]; 20-3, Nagaoka 2-chome, Nagaokakyo-shi, Kyoto 617-0823 (JP). SUGIURA, Yukio [JP/JP]; 4-4, Oharano Nishisakaidani-cho, 4-chome, Nishikyo-ku, Kyoto-shi, Kyoto 610-1146 (JP). KAMEYAMA, Shoju [JP/JP]; c/o Bipha Corporation, 1007-124, Izumisawa, Chitose-shi, Hokkaido 066-0051 (JP). KIKUCHI, Takeo [JP/JP]; c/o Bipha Corporation, 1007-124, Izumisawa, Chitose-shi, Hokkaido 066-0051 (JP).
- (74) IWATANI, Ryo; Sakurabashi Chiyoda Build. 5F, 1-27, Dojima 2-chome, Kita-ku, Osaka-shi, Osaka 530-0003 (JP).
- (81) AE AG AL AM AU AZ BA BB BR BY BZ CA CN CO CR CU DM DZ EC GD GE HR ID IL IN IS JP KG KR KZ LC LK LR LT LV MA MD MG MK MN MX NI NO NZ OM PH PL RU SC SG TJ TM TN TT UA US UZ VC 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

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

(u) for / pour US only / seulement

(51)⁷ A61K 39/395, A01N 65/00

(11) WO 03/080116 (13) A1

(21) PCT/US03/08384

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/367,078 21 Mar/mar 2002 US (21.03.2002)

(30) 60/429,744 11 Nov/nov 2002 US (11.11.2002)

(30) 60/448,691 19 Feb/fév 2003 US (19.02.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MODULATING ANGIOGENESIS

• MODULATION DE L'ANGIOGENESE

(71) UNIVERSITY OF FLORIDA [US/US]; P.O. Box 115500, Gainesville, Florida 32611-5500 (US).

(72) SCOTT, Edward, W.: 1606 SW 86th Terr., Gainesville, FL 32607 (US). GRANT, Maria; 302 E. Church Street, Archer, FL 32618 (US). MAY, W. Stratford; 4141 SW 69th Avenue, Gainesville FL 32608 (US).

(74) STANLEY, A., Kim; Akerman Senterfitt, Post Office 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51) A61K 39/395

(11) WO 03/080117 (13) A1

(21) PCT/US03/08662

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/366,426 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHODS FOR TREATING CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)

• PROCEDES DE TRAITEMENT DE LA BRONCHO-PNEUMOPATHIE CHRONIQUE OBSTRUCTIVE (BPCO)

(71) ABGENIX, INC. [US/US]; 6701 Kaiser Drive, Fremont, CA 94555 (US).

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

(72, 75) YANG, Xiao-dong [CN/US]; 2833 Bryant Street, Palo Alto, CA 94306 (US).

BELL, Gregory, M. [US]; 157 Trinidad Drive, Tiburon, CA 94920 (US). GLADUE, Ronald, P. [US/US]; 83 Rowley Drive, Stonington, CT 06378 (US). KUDLACZ, Elizabeth, M. [US]; 24 Thomas Road, Groton, CT 06340 (US). SHOWELL, Henry, J. [US]; 231 Seaside Avenue, Westbrook, CT 06498 (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) 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) DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OMPH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 45/06, 31/585, A61P 3/00, 5/00, 9/00, 17/00

(11) WO 03/080118 (13) A2

(21) PCT/US03/08206

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/365,242 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMBINATION OF AN ALDOSTERONE RECEPTOR ANTAGONIST AND A FIBRIC ACID DERIVATIVE

• COMBINAISON D'UN ANTAGONISTE DE RECEPTEUR D'ALDOSTERONE ET DE DERIVE D'ACIDE FIBRIQUE

(71) PHARMACIA CORPORATION [US/US]; Corporate Patent Department, P.O. Box 1027, St. Louis, MO 63006 (US).

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

(72, 75) KELLER, Bradley, T. [US/US]; 1861 Sweet Lake Court, Chesterfield, MO 63017

(US). MCMAHON, Ellen, G. [US/US]; 9154 Park Haven Lane, Sunset Hills, MO 63126 (US).

(74) SCHUH, Joseph, R. et al. / etc.; Pharmacia Corporation, Corporate Patent Department, P.O. Box 1027, Chesterfield, MO 63006 (US).

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

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

(51)⁷ A61K 47/00, C08L 71/02

(11) WO 03/080119 (13) A1

(21) PCT/IL03/00238

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 148,886 26 Mar/mar 2002 IL (26.03.2002)

(30) 154,942 17 Mar/mar 2003 IL (17.03.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • RESPONSIVE BIOMEDICAL COMPOSITES

• COMPOSITES BIOMEDICAUX SENSIBLES

(71) YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM [IL/IL]; P.O. Box 39135, Jerusalem 91390 (IL).

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

(72, 75) COHN, Daniel [IL/IL]; 1 Motzkin Street, 96551 Jerusalem (IL). SOSNIK, Alejandro [IL/IL]; 1/23 Givat Bet Hakerem, 96268 Jerusalem (IL).

(74) WOLFF, BREGMAN AND GOLLER; P.O. Box 1352, 91013 Jerusalem (IL).

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

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

(51)⁷ A61K 47/14, 47/22, G01N 33/15, 13/00

(11) WO 03/080120 (13) A1

(21) PCT/EP03/02872

(22) 19 Mar/mar 2003 (19.03.2003)

- (25) de (26) de
- (30) 102 13 242.9 25 Mar/mar 2002 DE (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TEST SYSTEM FOR EVALUATING THE COMPATIBILITY OF BIOLOGICALLY ACTIVE SUBSTANCES WITH COPOLYMERS
- SYSTEME D'ESSAI PERMETTANT D'EVALUER LA COMPATIBILITE DE SUBSTANCES BIOLOGIQUEMENT ACTIVES AVEC DES COPOLYMERES
- (71) ABBOTT GMBH & CO. KG [DE/DE]; Max-Planck-Ring 2, 65205 Wiesbaden (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BREITENBACH, Jörg [DE/DE]; Hans-Sachs-Ring 95 a, 68199 Mannheim (DE). LIEPOLD, Bernd [DE/DE]; U1, 8, 68161 Mannheim (DE).
- (74) KINZEBACH, Werner et al. / etc.; Reitstötter, Kinzebach & Partner (GfR), Sternwartstrasse 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 47/48
- (11) WO 03/080121 (13) A1
- (21) PCT/IB02/00689
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MACROMOLECULAR COMPOUNDS AS POTENTIAL ANTI-INFLAMMATORY AGENTS
- COMPOSES MACROMOLECULAIRES UTILISES COMME AGENTS ANTI-INFLAMMATOIRES POTENTIELS
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CHAUHAN, Abhay, Singh [IN/IN]; Indian Institute of Chemical Technology, Hyderabad, Andhra Pradesh 500 007 (IN). DIWAN, Prakash, Vamanrao [IN/IN]; Indian Institute of Chemical Technology, Hyderabad, Andhra Pradesh 500 007 (IN). JAIN, Narendra, Kumar [IN/IN]; Department of Pharmaceutical Sciences, Dr. H.S. Gour Vishwavidyalaya, Sagar, Madhya Pradesh 470 003 (IN). RAGHAVAN, Kondapuram, Vijaya [IN/IN]; Indian Institute of Chemical Technology, Hyderabad, Andhra Pradesh 500 007 (IN).
- (74) GABRIEL, DEVAOSS, CALAB; Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 001 (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 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)
- 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); (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); (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); (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)⁷ A61K 48/00
- (11) WO 03/080122 (13) A1
- (21) PCT/EP03/02969
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) de (26) de
- (30) 102 13 780.3 22 Mar/mar 2002 DE (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND AGENT FOR PRODUCING THERAPEUTICALLY ACTIVE BLOOD COMPOSITIONS
- PROCEDE ET AGENT DE FABRICATION DE COMPOSITIONS SANGUINES THERAPEUTIQUEMENT ACTIVES
- (71) ORTHOGEN AG [DE/DE]; Graf Adolf Strasse 43, 40210 Düsseldorf (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MEIJER, Hans [NL/DE]; Metzger Strasse 24, 50677 Köln (DE). REINECKE, Julio [DE/DE]; Guntherstrasse 162, 50739 Köln (DE). WEHLING, Peter [DE/DE]; Pigageallee 2a, 40597 Düsseldorf (DE).
- (74) SCHRELL, Andreas et al. / etc.; Leitzstrasse 45, 70469 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 48/00, 47/42
- (11) WO 03/080123 (13) A1
- (21) PCT/IP02/02755
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) ja (26) ja
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COMPOSITIONS FOR DELIVERING BIOLOGICALLY ACTIVE DRUG AND METHOD OF USING THE SAME
- COMPOSITIONS DELIVRANT UN MEDICAMENT BIOLOGIQUEMENT ACTIF, ET PROCEDE D'UTILISATION
- (71) ANGES MG, INC. [JP/JP]; 4-2, Shinsenri Higashi-machi 1-chome, Toyonaka-shi, Osaka 560-0082 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MORISHITA, Ryuichi [JP/JP]; c/o Osaka University, Graduate School of Medicine, 2-2, Yamadaoka, Suita-shi, Osaka 565-0871 (JP). TANIYAMA, Yoshiaki [JP/JP]; c/o Osaka University, Graduate School of Medicine, 2-2, Yamadaoka, Suita-shi, Osaka 565-0871 (JP).
- (74) MURAYAMA, Midori et al. / etc.; Yebisu Garden Terrace Nibankan 709, 20-2, Yebisu 4-chome, Shibuya-ku, Tokyo 150-0013 (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 VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ A61K 49/00 // A61B 5/10

(11) WO 03/080124 (13) A1

(21) PCT/SE03/00504

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 0200931-4 27 Mar/mar 2002 SE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MONITORING MARKER

• MARQUEUR DE SURVEILLANCE

(71) AGA AB (publ) [SE/SE]; S-181 81 Lidingö (SE).

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

(72, 75) HAHN, Robert [SE/SE]; Eklidsvägen 12, S-146 40 Tullinge (SE).

(74) AWAPATENT AB; Box 45086, S-104 30 Stockholm (SE).

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

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

(51)⁷ A61K 313/4184

(11) WO 03/080125 (13) A2

(21) PCT/GB03/01210

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 0206861.7 22 Mar/mar 2002 GB (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MEDICAMENTS

• MEDICAMENTS

(71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).

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

(72, 75) ALBERTI, Michael, John [US/US]; GlaxoSmithKline, Five Moore Drive, Research Triangle Park, NC 27709 (US). GARLAND, Stephen [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

JUNG, David, Kendall [US/US]; GlaxoSmithKline, Five Moore Drive, Research Triangle Park, NC 27709 (US). VEAL, James, Marvin [US/US]; c/o GlaxoSmithKline, Five Moore Drive, Research Triangle Park, NC 27709 (US). WITHERINGTON, Jason [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) GIDDINGS, Peter, John; GlaxoSmithKline, 980 Great West Road CN925.1, Brentford, Middlesex TW8 9GS (GB).

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

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

(51)⁷ A61L 2/00

(11) WO 03/080126 (13) A2

(21) PCT/US02/36289

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(30) 60/338,191 13 Nov/nov 2001 US (13.11.2001)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IMPROVED METHOD AND SYSTEM FOR ELECTRONIC PASTEURIZATION

• PROCEDE ET SYSTEME AMELIORES DE PASTEURISATION ELECTRONIQUE

(71) ACCELERATOR TECHNOLOGY CORPORATION [US/US]; 207 Dellwood, Bryan, TX 77801 (US).

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

(71, 72) MCINTYRE,, Peter, M. [US/US]; 611 Montclair, College Station, TX 77840 (US). THOMAS, III,, Erwin, M. [US/US]; 7075 Jones Rd., Bryan, TX 77807 (US).

(74) SIMON, GALASSO & FRANTZ PLC; Raymond M. Galasso, P.O. Box 26503, Austin, TX 78755-0503 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG 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)⁷ A61L 2/20, 2/18, A23B 4/10

(11) WO 03/080127 (13) A1

(21) PCT/NO02/00128

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR ANTIBACTERIAL SANITATION TREATMENT OF ROOMS AND OBJECTS

• PROCEDE ET APPAREIL POUR LE TRAITEMENT ANTIBACTERIEN DE LOCAUX ET D'OBJETS

(71, 72) ARNTSEN, Dag [NO/NO]; Sandvigveien 59, N-4816 Hisøy (NO).

(74) TANDBERGS PATENTKONTOR AS; Boks 7085, N-0306 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 VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ A61L 2/26, 2/20, C02F 1/76, 1/68, B01D 27/00

(11) WO 03/080128 (13) A1

(21) PCT/US03/08500

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/366,144 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CONTROLLED DOSING OF CHLORINE DIOXIDE OR OTHER SANITIZING AGENTS INTO PRESSURIZED WATER SYSTEMS

• DOSAGE CONTROLE DU DIOXYDE DE CHLORE OU D'AUTRES AGENTS D'ASSAINISSEMENT DANS DES SYSTEMES DE DISTRIBUTION D'EAU SOUS PRESSION

(71) CUNO, INC. [US/US]; 400 Research Parkway, Meriden, CT 06450 (US).

(72) **HOLLER, Thomas, D.**; 56 Horizon Lane, Glastonbury, CT 06033 (US).

(74) **NEWMAN, Richard, H.**; Cummings & Lockwood, 700 State Street, New Haven, CT 06511 (US).

(81) AU BR CN JP.

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

(51)⁷ A61L 2/28

(11) WO 03/080129 (13) A1

(21) PCT/EP03/02843

(22) 19 Mar/mar 2003 (19.03.2003)

(25) de (26) de

(30) 102 13 361.1 26 Mar/mar 2002 DE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR TESTING A STERILIZATION PACKAGING UNIT FOR ITS EFFICACY AGAINST RECONTAMINATION

• PROCÉDÉ POUR CONTRÔLER UNE UNITÉ DE CONDITIONNEMENT DE STÉRILISATION QUANT À SON EFFICACITÉ CONTRE LA CONTAMINATION

(71, 72) **DUNKELBERG, Hartmut** [DE/DE]; In der Lember 4, 37242 Bad Sooden-Allendorf (DE).

(74) **CALLIES, Rainer** et al. / etc.; Sobisch & Callies, Odastrasse 4a, 37581 Bad Gandersheim (DE).

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

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

(51)⁷ A61L 9/04, 9/012

(11) WO 03/080130 (13) A1

(21) PCT/EP03/02965

(22) 21 Mar/mar 2003 (21.03.2003)

(25) de (26) de

(30) 102 12 641.0 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ODOROUS SUBSTANCE APPLICATION

• SUPPORT POUR MATIÈRE ODO-RANTE

(71) **DROM FRAGRANCES INTERNA-TIONAL KG** [DE/DE]; Oberdiller Str. 18, 82065 Baierbrunn (DE).

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(72, 75) **MELLER, Gerhard** [DE/DE]; Neustr. 34, 53879 Euskirchen (DE).

(74) **MEYERS, Hans-Wilhelm** et al. / etc.; Postfach 10 22 41, 50462 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A61L 9/12, 9/14

(11) WO 03/080131 (13) A1

(21) PCT/GB03/01227

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 0206806.2 22 Mar/mar 2002 GB (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AIR SCENTING APPARATUS

• APPAREIL POUR PARFUMER L'AIR

(71) **AIROAMER LIMITED** [GB/GB]; Unit 1, Atherton's Quay, Warrington, Cheshire WA5 1AH (GB).

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

(72, 75) **HRYBYK, Michael** [GB/GB]; c/o Nu Light Systems Limited, Unit 1 Atherton's Quay, Warrington, Cheshire WA5 1AH (GB). **CLAYTON, Deborah** [GB/GB]; c/o Nu Light Systems Limited, Unit 1 Atherton's Quay, Warrington, Cheshire WA5 1AH (GB).

(74) **ROYSTONS**; Tower Building, Water Street, Liverpool L3 1BA (GB).

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

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

Published / Publiée : (c)

(51)⁷ A61L 9/14, 2/22

(11) WO 03/080132 (13) A1

(21) PCT/US03/08426

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/365,870 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • APPARATUS AND METHOD FOR FINE MIST STERILIZATION OR SANITATION USING A BIOCID

• APPAREIL ET PROCÉDE DE STÉRILISATION OU DE DESINFECTION PAR NEBULISATION FINE UTILISANT UN BIOCID

(71, 72) **ADIGA, Kayyani, C.** [US/US]; 4999 Oxford Road, Macon, GA 31210 (US). **ADIGA, Rajani** [US/US]; 4999 Oxford Road, Macon, GA 31210 (US).

(74) **BELLAMY, Brian, D.**; Post Office Box 1997, Thomasville, GA 31799-1997 (US).

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

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

(51)⁷ A61L 15/26, 15/42

(11) WO 03/080133 (13) A1

(21) PCT/EP03/02951

(22) 21 Mar/mar 2003 (21.03.2003)

(25) de (26) de

(30) 102 12 866.9 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SCAR-REDUCING PLASTER

• PANSEMENT REDUCTEUR DE CICA-TRICES

(71) **BEIERSDORF AG** [DE/DE]; Unnastr. 48, 20245 Hamburg (DE).

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

(72, 75) **KARTHEUS, Holger** [DE/DE]; Stelling Weg 19, 20255 Hamburg (DE). **HARTKOPE, Carsten** [DE/DE]; Wiesendamm 154, 22303 Hamburg (DE). **BERG, Thorsten** [DE/DE]; Bergiusstrasse 13, 22765 Hamburg (DE). **JÄNICHEN, Jan** [DE/DE]; Am Sooren 13, 22149 Hamburg (DE). **KÖHLER, Ulrich** [DE/DE]; Beckmannstrasse 5, 22607 Hamburg (DE).

(74) **BEIERSDORF AG**; Patentabteilung (6713), Unnastr. 48, 20245 Hamburg (DE).

(81) AU US.

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

(51)⁷ A61L 15/28, 15/42

(11) WO 03/080134 (13) A1

(21) PCT/GB03/01206

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

- (30) 0207006.8 **25 Mar/mar 2002 GB (25.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • WOUND DRESSING MATERIALS COMPRISING CHEMICALLY MODIFIED POLYSACCHARIDES
- MATÉRIAUX DE PANSEMENT COMPRENANT DES POLYSACCHARIDES MODIFIÉS CHIMIQUEMENT
- (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) SCHMIDT, Ryszard, Jan [GB/GB]; 25 Coates Lane, Barnoldswick BB18 6HJ (GB).
- (74) JAMES, Anthony, Christopher, W.P. et al. / etc.; Carpmals & 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61L 15/60, A61F 13/534
- (11) WO 03/080136 (13) A1
- (21) PCT/SE03/00501
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) en (26) en
- (30) 0200950-4 **27 Mar/mar 2002 SE (27.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ABSORBENT PRODUCT
- PRODUIT ABSORBANT
- (71) SCA HYGIENE PRODUCTS AB [SE/SE]; S-40503 Göteborg (SE).
- (72) FALK, Torgny; Författaregatan 5, S-422 41 Hisings-Backa (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 15/28, 15/42
- (11) WO 03/080135 (13) A1
- (21) PCT/GB03/01208
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) en (26) en
- (30) 0207008.4 **25 Mar/mar 2002 GB (25.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • THERAPEUTIC COMPOSITIONS COMPRISING MODIFIED POLYSACCHARIDES
- COMPOSITIONS THÉRAPEUTIQUES COMPRENANT DES POLYSACCHARIDES MODIFIÉS
- (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) SCHMIDT, Ryszard, Jan [GB/GB]; 25 Coates Lane, Barnoldswick BB18 6HJ (GB).
- (74) JAMES, Anthony, Christopher, W., P. et al. / etc.; Carpmals & 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 24/10, C09D 189/00, C09J 189/00, A61K 38/17
- (11) WO 03/080137 (13) A1
- (21) PCT/SE03/00492
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) en (26) en
- (30) 0200924-9 **26 Mar/mar 2002 SE (26.03.2002)**
- (30) 60/374,129 **22 Apr/avr 2002 US (22.04.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR ATTACHING TWO SURFACES TO EACH OTHER USING A BIOADHESIVE POLYPHENOLIC PROTEIN AND PERIODATE IONS.
- PROCÉDE PERMETTANT D'ATTACHER DEUX SURFACES L'UNE A L'AUTRE A L'AIDE D'UNE PROTEINE POLYPHENOLIQUE BIOADHESIVE ET D'IONS PERIODATES
- (71, 72) QVIST, Magnus [SE/SE]; Kullingsbergsvägen 10, S-441 43 Alingsås (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 27/00, A61K 31/54, A61P 19/02
- (11) WO 03/080138 (13) A1
- (21) PCT/CH03/00185
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) de (26) de
- (30) 500/02 **22 Mar/mar 2002 CH (22.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PREPARATION AND METHOD FOR IMPROVING THE REGENERABILITY OF CARTILAGINOUS TISSUE, WHICH IS DAMAGED BY TRAUMA, WEAR OR DISEASE, OR FOR PROPHYLACTICALLY PREVENTING THE DETERIORATION OF CARTILAGE
- PREPARATION ET PROCÉDE D'AMELIORATION DE LA CAPACITE DE REGENERATION DE TISSUS CARTILAGINEUX ENDOMMAGES A LA SUITE D'UN TRAUMATISME, DE L'USURE OU D'UNE MALADIE, OU DE PREVENTION PROPHYLACTIQUE DE LA DEGRADATION CARTILAGINEUSE
- (71) SULZER ORTHOPEDICS LTD. [CH/CH]; Grabenstrasse 25, CH-6340 Baar (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BITTMANN, Pedro [CH/CH]; Seminarstrasse 46, CH-8057 Zürich (CH). NADLER, Daniel [CH/CH]; Alte Rutschwilerstrasse 91, CH-8442 Hettlingen ZH (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Declaration / Déclaration :
(u) for / pour US only / seulement

- (51)⁷ A61L 27/00
 (11) WO 03/080139 (13) A2
 (21) PCT/GB03/01334
 (22) 26 Mar/mar 2003 (26.03.2003)
 (25) en (26) en
 (30) PCT/GB02/01183 26 Mar/mar 2002 GB (26.03.2002)
 (30) 0209874.7 30 Apr/avr 2002 GB (30.04.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • DEVICES FOR USE IN MEDICINE
 • DISPOSITIFS DESTINES A LA MEDECINE
- (71) UNIVERSITY COLLEGE LONDON [GB/GB]; Gower Street, London, Greater London WC1E 6BT (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MASON, Christopher, [GB/GB]; 67 Greenland Quay, London, Greater London SE16 7RR (GB). TOWN, Martin, Arthur, [GB/GB]; 57 Culverley Road, Calford, London, Greater London SE6 2LD (GB).
- (74) PAGET, Hugh, C.E. 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61L 27/10, A61C 13/00, A61L 27/54, A61F 2/30, B24C 11/00
 (11) WO 03/080140 (13) A1
 (21) PCT/GB03/01223
 (22) 21 Mar/mar 2003 (21.03.2003)
 (25) en (26) en
 (30) 0206838.5 22 Mar/mar 2002 GB (22.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • USE OF BIOACTIVE GLASS FOR AIR ABRASIVE BLASTING OF IMPLANT SURFACES
 • UTILISATION D'UN VERRE BIOACTIF POUR LE DECAPAGE AUX ABRASIFS A L'AIR DE SURFACES D'IMPLANTS
- (71) IC INNOVATIONS LIMITED [GB/GB]; 47 Prince's Gate, Exhibition Road, London SW7 2QA (GB). KING'S COLLEGE LONDON [GB/GB]; Strand, London WC2R 2LS (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COOK, Richard, James [GB/GB]; King's College London, Strand, London WC2R 2LS (GB). HENCH, Larry, Leroy [GB/GB]; c/o Imperial College of Science

Technology & Medicine, Sherfield Building, Exhibition Road, London SW7 2AZ (GB). WATSON, Timothy, Frederick [GB/GB]; King's College London, London WC2R 2LS (GB). THOMPSON, Ian, Dennis [GB/GB]; c/o Imperial College of Science Technology & Medicine, Sherfield Building, Exhibition Road, London SW7 2AZ (GB). ROBINSON, Paul, Derek [GB/GB]; King's College London, London WC2R 2LS (GB).

(74) GALLAGHER, Kirk, James 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

(51)⁷ A61L 27/24

(11) WO 03/080141 (13) A1

(21) PCT/DE03/00904

(22) 19 Mar/mar 2003 (19.03.2003)

(25) de (26) de

(30) 102 12 715.8 21 Mar/mar 2002 DE (21.03.2002)

(30) 102 33 291.6 22 Jul/juil 2002 DE (22.07.2002)

(30) 102 41 817.9 6 Sep/sep 2002 DE (06.09.2002)

(30) 60/409,961 11 Sep/sep 2002 US (11.09.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BIOMATRIX AND METHOD FOR PRODUCING THE SAME

• BIOMATRICE ET PROCEDE DE PRODUCTION DE CETTE BIOMATRICE

(71) ARS ARTHRO AG [DE/DE]; Martinstrasse 42-44, 73728 Esslingen (DE).

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

(72, 75) GRAEVE, Thomas [DE/DE]; Abraham-Wolf-Strasse 44, 70579 Stuttgart (DE).

(74) CASTELL, Klaus et al. / etc.; Liermann-Castell, Gutenbergstrasse 12, 52349 Düren (DE).

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

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

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

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

(51)⁷ A61L 27/34

(11) WO 03/080142 (13) A1

(21) PCT/KR03/00611

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ko (26) en

(30) 10-2002-0016866 27 Mar/mar 2002 KR (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HYBRID GRAFTS INCLUDING BIODEGRADABLE POLYMER SUPPORTING LAYER AND MANUFACTURING PROCESS THEREOF

• GREFFES HYBRIDES COMPORTANT UNE COUCHE SUPPORT POLYMERE BIODEGRADABLE ET PROCEDE DE FABRICATION ASSOCIE

(71) MODERN TISSUE TECHNOLOGIES INC. [KR/KR]; Neurotech Bldg., 29-35, Woncheon-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-380 (KR).

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

(71, 72) NOH, Insup [KR/KR]; 201-502 Newsamik Apt., Howongarden, 322-5, Howon-dong, Uijeongbu-si, Gyeonggi-do 480-771 (KR).

(74) LEE, Chulhee et al. / etc.; 3F, Doosan Bldg., 105-7, Nonhyun-dong, Gangnam-gu, Seoul 135-714 (KR).

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

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

(51)⁷ A61L 27/40

(11) WO 03/080143 (13) A1

(21) PCT/JP03/03581

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(30) 2002/84138 25 Mar/mar 2002 JP (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BASE MATERIAL FOR RECONSTRUCTING TISSUE OR ORGAN CONTAINING CELL-FREE TISSUE MATRIX AND CELL GROWTH FACTOR

• MATERIAU DE BASE DE RECONSTRUCTION DE TISSU OU D'ORGANE CONTENANT UNE MATRICE TISSULAIRE SANS CELLULE ET UN FACTEUR DE CROISSANCE CELLULAIRE

- (71) **KAKEN PHARMACEUTICAL CO., LTD.** [JP/JP]; 28-8, Honkomagome 2-chome, Bunkyo-ku, Tokyo 113-8650 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **TABATA, Yasuhiko** [JP/JP]; 8-16, Biwadaai 3-chome, Uji-shi, Kyoto 611-0024 (JP). **OGAWA, Osamu** [JP/JP]; 42-5, Shimogamo-minakuchi-cho, Sakyo-ku, Kyoto-shi, Kyoto 606-0843 (JP).
- (74) **TSUKUNI, Hajime**; SVAX TS Bldg., 22-12, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61L 27/50, 27/16**
- (11) **WO 03/080144** (13) A1
- (21) PCT/EP03/02979
- (22) **21 Mar/mar 2003 (21.03.2003)**
- (25) en (26) en
- (30) 60/366,712 **22 Mar/mar 2002 US (22.03.2002)**
- (30) 60/408,077 **4 Sep/sep 2002 US (04.09.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COMPOSITION FOR HARD TISSUE AUGMENTATION
• COMPOSITION REGENERATRICES DE TISSUS DURS
- (71) **KUROS BIOSURGERY AG** [CH/CH]; Gloriastrasse 18a, CH-8006 Zürich (CH). **STRAUMANN BIOLOGICS AG** [CH/CH]; Hauptstrasse 16d, CH-4437 Waldenburg (CH).
- (72) **ZAMPARO, Enrico**; Jupiterstrasse 39, CH-8032 Zürich (CH). **MOLENBERG, Aaldert, Rens**; Therwilerstrasse 20, CH-4054 Basel (CH). **FEHR, Daniel**; Arbenzstrasse 5, CH-8008 Zürich (CH).
- (74) **KLUNKER.SCHMITT-NILSON.HIRSCH**; Winzererstrasse 106, 80797 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **A61L 31/00**
- (11) **WO 03/080146** (13) A2
- (21) PCT/US03/07234
- (22) **6 Mar/mar 2003 (06.03.2003)**
- (25) en (26) en
- (30) 60/365,659 **18 Mar/mar 2002 US (18.03.2002)**
- (30) 10/378,026 **28 Feb/fév 2003 US (28.02.2003)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • POLYMER COATING FOR RUBBER ARTICLES
• REVETEMENT POLYMERES POUR PRODUITS EN CAOUTCHOUC
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- Published / Publiée : (c)
- (51)⁷ **A61L 31/04, 31/10**
- (11) **WO 03/080147** (13) A1
- (21) PCT/US03/08474
- (22) **19 Mar/mar 2003 (19.03.2003)**
- (25) en (26) en
- (30) 10/104,772 **20 Mar/mar 2002 US (20.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • BIODEGRADABLE HYDROPHOBIC POLYMER FOR STENTS
• POLYMERES HYDROPHOBES BIODEGRADABLES POUR ENDOPROTHESE
- (71) **ADVANCED CARDIOVASCULAR SYSTEMS, INC.** [US/US]; 3200 Lakeside Drive, Santa Clara, CA 95052 (US).
- (72) **HOSSAINY, Syed, F., A.**; 34325 Tupelo Street, Fremont, CA 94555 (US). **DUTTA, Debashis**; 480 Oak Grove Drive, Suite 307, Santa Clara, CA 95050 (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 NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **A61M 25/00**
- (11) **WO 03/080145** (13) A1
- (21) PCT/US03/05838
- (22) **25 Feb/fév 2003 (25.02.2003)**
- (25) en (26) en
- (30) 10/103,274 **21 Mar/mar 2002 US (21.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CATHETER BALLOON FORMED OF ePTFE AND A DIENE POLYMER
• BALLON DE CATHETER CONSTITUE DE EPTFE ET D'UN POLYMERE DIENE
- (71) **ADVANCED CARDIOVASCULAR SYSTEMS, INC.** [US/US]; 3200 Lakeside Drive, Santa Clara, CA 95054-2807 (US).
- (72) **LIM, Florencia**; 2710 Cherry Blossom Way, Union City, CA 94587 (US). **LONG, Chi, Le**; 2856 Plumas Drive, San Jose, CA 95121 (US). **CLAUDE, Charles, D.**; 3745 Miramar Way, Santa Clara, CA 95051 (US). **LEE, Jeong, S.**; 23637 E. Goldrush Drive, Diamond Bar, CA 91765 (US). **SRIDHARAN, Srinivasan**; 175 Bender Circle, Morgan Hill, CA 95037 (US). **GONZALEZ, Fernando**; 1167 Shady Dale Avenue, Campbell, CA 95008 (US). **WANG, Edwin**; 13102 Cortina, Tustin, CA 92782 (US).
- (74) **HANKE, Gunther, O. et al.** / etc.; Fulwider Patton Lee & Utecht, LLP, Howard Hughes Center, Tenth Floor, 6060 Center Drive, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **A61M 25/00**
- (11) **WO 03/080148** (13) A2
- (21) PCT/IL03/00243
- (22) **20 Mar/mar 2003 (20.03.2003)**
- (71) **NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION** [US/US]; 1000 Uniquest Boulevard, New Castle, DE 19720 (US).
- (72) **MUKHERJEE, Apala**; 609 West South Orange Avenue, #5C, South Orange, NJ 07079 (US). **XIAO, Chaodong**; 16 Heritage Drive, East Hanover, NJ 07936 (US).
- (74) **ROLAND, Thomas, F. et al.** / etc.; National Starch and Chemical Company, 10 Funderne Avenue, Bridgewater, NJ 08807 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **A61M 25/00**
- (11) **WO 03/080149** (13) A1
- (21) PCT/US03/08474
- (22) **19 Mar/mar 2003 (19.03.2003)**
- (25) en (26) en
- (30) 10/104,772 **20 Mar/mar 2002 US (20.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • POLYMER COATING FOR RUBBER ARTICLES
• REVETEMENT POLYMERES POUR PRODUITS EN CAOUTCHOUC

- (25) en (26) en
- (30) 10/103,915 **25 Mar/mar 2002** US
(25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DEVICES SYSTEMS AND METHODS FOR PREVENTING COLLAPSE OF THE UPPER AIRWAY AND SENSORS FOR USE THEREIN
- DISPOSITIFS, SYSTEMES ET PROCEDES DE PREVENTION DU COLLAPUS DES VOIES AERIENNES SUPERIEURES, ET DETECTEURS POUR LEUR UTILISATION
- (71) **SLEEPUP LTD.** [IL/IL]; Hagavish 4A, Industrial Zone, 42101 Netanya (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BIBI, Noam** [IL/IL]; 20/1 Ben Zion, 76407 Rehovot (IL). **LEV, Nimrod** [IL/IL]; Havradim Street 1, 56905 Ganey Yehuda (IL).
- (74) **FRIEDMAN, Mark, M.**; Dr. Mark Friedman LTD., 7 Haomanim Street, 67897 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M
- (11) **WO 03/080150** (13) A2
- (21) PCT/US03/08192
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) en (26) en
- (30) 10/101,230 **19 Mar/mar 2002** US
(19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHODS FOR REPAIRING MITRAL VALVE ANNULUS PERCUTANEOUSLY
- METHODES DE REPARATION PERCUTANEE DE L'ANNEAU DE LA VALVE MITRALE
- (71) **QUANTUM COR, INC.** [US/US]; 21 Shearwater, Irvine, CA 92604 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TEIRSTEIN, Paul** [US/US]; 1515 Coast Walk, La Jolla, CA 92037 (US). **OSTH, John, A.** [US/US]; 25832 Desert Trail, Laguna Hills, CA 92653 (US). **WITZEL, Thomas, H.** [US/US]; 102 Fairlane Road, Laguna Niguel, CA 92677 (US). **HATA, Cary** [US/US]; 2500 San Simon, Tustin, CA 92782 (US). **HAUCK, Wallace, N.** [US/US]; 21 Shearwater, Irvine, CA 92604 (US). **TU, Hosheng** [US/US]; 15 Riez, Newport Beach, CA 92657 (US).
- (74) **TU, Hosheng**; 15 Riez, Newport Beach, CA 92657 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M
- (11) **WO 03/080149** (13) A2
- (21) PCT/US03/07231
- (22) **7 Mar/mar 2003 (07.03.2003)**
- (25) en (26) en
- (30) 60/366,302 **20 Mar/mar 2002** US
(20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INHALATION APPARATUS
- APPAREIL D'INHALATION
- (71) **PHARMACEUTICAL DISCOVERY CORPORATION** [US/US]; 1 Casper Street, Danbury, CT 06810 (US).
- (72) **POOLE, Trent**; 59 Country Corners Road, South Amherst, MA 01002 (US). **STEINER, Solomon, S.**; 24 Old Wagon Road, Mount Kisco, NY 10549 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M
- (11) **WO 03/080151** (13) A2
- (21) PCT/US03/08706
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) en (26) en
- (30) 10/101,544 **18 Mar/mar 2002** US
(18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MULTILUMEN CATHETERS AND METHODS FOR THEIR USE
- CATHETERS MULTILUMIERES ET PROCEDES D'UTILISATION
- (71) **CORAZON TECHNOLOGIES, INC.** [US/US]; 191 Jefferson Drive, Menlo Park, CA 94025 (US).
- (72) **CONSTANTZ, Brent R.**; 10201 Bubb Road, Cupertino, CA 95014 (US).
- (74) **FIELD, Bret E.**; Bozicevic, Field & Francis, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M
- (11) **WO 03/080152** (13) A2
- (21) PCT/US03/08885
- (22) **21 Mar/mar 2003 (21.03.2003)**
- (25) en (26) en
- (30) 60/366,330 **21 Mar/mar 2002** US
(21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NEONATAL BOOTIE WRAP
- DISPOSITIF ENVELOPPANT DE TYPE BOTTILLON POUR NOUVEAU-NE
- (71) **DATEX-OHMEDA, INC.** [US/US]; 3030 Ohmeda Drive, Madison, WI 53707 (US).
- (72) **LINDEKUGEL, Eric**; 129 Yale Avenue, Fort Collins, CO 80525 (US). **MEDINA, Lily, Anjanette**; 824 Fairlane Avenue, Unit C, Longmont, CO 80501 (US). **RALEY, Dena**; 495 Lincoln Court, Louisville, CO 80027 (US).
- (74) **MARSH FISCHMANN & BREYFOGLE, LLP**; MARSH, Thomas R., 3151 South Vaughn Way, Suite 411, Aurora, CO 80014 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M 1/02
- (11) **WO 03/080153** (13) A1
- (21) PCT/IB02/01158
- (22) **26 Mar/mar 2002 (26.03.2002)**
- (25) en (26) en

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A BLOOD TRANSFUSION SYSTEM
• SYSTEME DE TRANSFUSION SANGUINE
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHATTOPADHYAY, Kashi, Das [IN/IN]; Central Scientific Instruments Organization, Sector 30, Chandigarh 160 020 (IN). VERMA, Sanjeer [IN/IN]; Central Scientific Instruments Organization, Sector 30, Chandigarh 160 020 (IN). RAJ, Pirthi [IN/IN]; Central Scientific Instruments Organization, Sector 13, Chandigarh 160 020 (IN). GUPTA, Jitender [IN/IN]; Central Scientific Instruments Organization, Sector 13, Chandigarh 160 020 (IN).
- (74) GABRIEL, DEVADOSS, CALAB, KUMARAN & SAGAR; 84-C, C6 LANE, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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)⁷ A61M 5/00
- (11) WO 03/080155 (13) A1
- (21) PCT/US03/07068
- (22) 7 Mar/mar 2003 (07.03.2003)
- (25) en (26) en
- (30) 10/094,406 8 Mar/mar 2002 US (08.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INFLATABLE MEMBER FOR AN ENDOSCOPE SHEATH
• ELEMENT GONFLABLE POUR GAINE D'ENDOSCOPE
- (71) VISION SCIENCES, INC. [US/US]; 9 Strathmore Road, Natick, MA 01760 (US).
- (72) ONEDA, Katsumi; 33 Stone Tower Drive, Alpine, NJ 07620 (US). HARHEN, Edward; 67 Meetinghouse Road, Duxbury, MA 02332 (US). LANDMAN, Mark, S.; 25 Berkshire Avenue, Sharon, MA 02067 (US).
- (74) BULCHIS, Edward, W. et al. / etc.; Dorsey & Whitney LLP, 1420 Fifth Avenue, Suite 3400, Seattle, WA 98101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M 1/16, B01D 61/28
- (11) WO 03/080154 (13) A1
- (21) PCT/SE03/00497
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) en (26) en
- (30) 0200956-1 27 Mar/mar 2002 SE (27.03.2002)
- (30) 0201317-5 2 May/mai 2002 SE (02.05.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND DEVICE FOR THE REMOVAL OF PARTIALLY PROTEIN BOUND SUBSTANCES
• PROCEDE ET DISPOSITIF POUR EVACUER LES SUBSTANCES PARTIELLEMENT LIEES PAR PROTEINES
- (71) GAMBRO LUNDIA AB [SE/SE]; P.O. Box 10101, S-220 10 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STERNBY, Jan [SE/SE]; Spårnöögatan 45, S-226 52 Lund (SE). STERNBY, Berit [SE/SE]; Spårnöögatan 45, S-222 52 Lund (SE).
- (74) BORNEGÅRD, Annette; Gambro Lundia AB, P.O. Box 10101, S-220 10 Lund (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) en (26) en
- (30) 0206427.7 19 Mar/mar 2002 GB (19.03.2002)
- (30) 0218664.1 12 Aug/août 2002 GB (12.08.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MEDICAL DISCONNECTION GUARD
• DISPOSITIF DE PROTECTION MEDICALE CONTRE LES DEBRANCHEMENTS
- (71, 72) ZIMMERMAN, Andrew [GB/GB]; 91 Firle Road, Eastbourne, East Sussex BN22 8ER (GB).
- (74) 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) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M 5/142, 5/172
- (11) WO 03/080157 (13) A1
- (21) PCT/BE03/00050
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) en (26) en
- (30) 0206792.4 22 Mar/mar 2002 GB (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • AUTOMATIC INFUSION SYSTEM BASED ON AN ADAPTIVE PATIENT MODEL
• SYSTEME DE PERFUSION AUTOMATIQUE REPOSANT SUR UN MODELE ADAPTATIF DE PATIENT
- (71) K. U. LEUVEN RESEARCH AND DEVELOPMENT [BE/BE]; Groot Begijnhof, Benedenstraat 59, B-3000 Leuven (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VAN DEN BERGHE, Greta [BE/BE]; Rue de Beaumont 77, B-1390 Grez-Doiceau (BE). BERCKMANS, Daniel [BE/BE]; Slangenstraat 37, B-3010 Kessel-Lo (BE). AERTS, Jean-Marie [BE/BE]; Konijnenhoeckstraat 8, B-3053 Haasrode (BE). DE MOOR, Bart [BE/BE]; Parklaan 5, B-3360 Bierbeek (BE). PLUYMERS, Bert [BE/BE]; Drie Engelenstraat 20, B-2260 Westerlo (BE). DE SMET, Frank [BE/BE]; Mechelsveldstraat 50 bus 201, B-2800 Mechelen (BE).
- (74) K. U. LEUVEN RESEARCH AND DEVELOPMENT; Ivo Roelants, IPR Officer,

- Groot Begijnhof, Benedenstraat 59, B-3000 Leuven (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ A61M 5/142
- (11) WO 03/080158 (13) A1
- (21) PCT/US03/07122
- (22) 10 Mar/mar 2003 (10.03.2003)
- (25) en (26) en
- (30) 10/063,110 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PUMP AND TUBE SET THEREOF
• POMPE ET ENSEMBLE TUYAU ASSO-CIE
- (71) ABBOTT LABORATORIES [US/US]; D-377 AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).
- (72) ABRAHAMSON, Kent; 2671 Remington Ct, Morgan Hill, CA 95037 (US). CLINTON, Colm; 16 Ferndale, Cairns Road, Sligo (IE). DUGGAN, Brendan; Glencarne House, Buenos Aires Drive, Standhill Co, Sligo (IE). FABOZZI, Ricky; Brecoque, Knocknahur, Sligo (IE). HALLORAN, Damian; 2703 Lawndale, Evanston, IL 60201 (US). O'DONNELL, Philip; 12 Newton, Grange Co., Sligo (IE). REGAN, Barry; 1839 W Warner, Chicago, IL 60613 (US).
- (74) CRABB, Michael, R. et al. / etc.; D-377 AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ A61M 5/168, G05B 9/03
- (11) WO 03/080159 (13) A1
- (21) PCT/DK03/00205
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) en (26) en
- (30) PA 2002 00468 27 Mar/mar 2002 DK (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A SAFETY SYSTEM FOR AN ELECTRICALLY DRIVEN MEDICAL DELIVERY DEVICE AND A COMPUTER-READABLE MEDIUM
• SYSTEME DE SECURITE POUR DISPOSITIF D'ADMINISTRATION MEDICALE A COMMANDE ELECTRIQUE, ET SUPPORT LISIBLE PAR ORDINATEUR
- (71) NOVO NORDISK A/S [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).
- (72) JESPERSEN, Søren, Kragh; Sorupvej 48, Sorup, DK-3480 Fredensborg (DK). MUNK, Jens, Aage; Gefionsvej 9, DK-3650 Ølstykke (DK). RADMER, Jim; Asmundshøj 443, DK-3480 Fredensborg (DK). POULSEN, Jens, Ulrik; Virumgade 54C, DK-2830 Virum (DK). CHRISTENSEN, Lars, Hofmann; Strandagervej 29, DK-4040 Jyllinge (DK). KLITMOSE, Lars, Peter; Garderhøjvej 20B, DK-2820 Gentofte (DK).
- (74) ZACCO DENMARK A/S; Hans Bekkevelds 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M 5/315
- (11) WO 03/080160 (13) A1
- (21) PCT/US03/06707
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) en (26) en
- (30) 60/365,661 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MEDICATION DISPENSING APPARATUS WITH GEAR SET FOR MECHANICAL ADVANTAGE
• APPAREIL DE DISTRIBUTION DE MEDICAMENT DOTE D'UN TRAIN D'ENGRENAGES APPORTANT UN AVANTAGE TECHNIQUE
- (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) JUDSON, Jared, Alden [US/US]; 114 South Main Street, Topsfield, MA 01983 (US). STEWART, William, Charles [US/US]; 7 Fourth Street, Ipswich, MA 01938 (US).
- (74) PREIN, Edward, J. 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 SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M 15/00, B65D 83/16
- (11) WO 03/080161 (13) A1
- (21) PCT/GB03/01102
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) en (26) en
- (30) 0206811.2 22 Mar/mar 2002 GB (22.03.2002)
- (30) 0227489.2 26 Nov/nov 2002 GB (26.11.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CAN FIXTURE
• FIXATION POUR BOUTEILLE DE DISTRIBUTEUR
- (71) CLINICAL DESIGNS LIMITED [GB/GB]; The Dower House, Aldsworth, Emsworth, Hampshire PO10 8QT (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BACON, Raymond, John [GB/GB]; The Dower House, Aldsworth, Emsworth, Hampshire PO10 8QT (GB).
- (74) BROOKS, Nigel; Hill Hampton, East Meon, Petersfield, Hampshire GU32 1QN (GB).
- (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 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M 15/00, G06M 03/02
- (11) WO 03/080162 (13) A1
- (21) PCT/IB03/01032
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en

- (30) 10/104,988 **21 Mar/mar 2002** US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INDICATING DEVICE FOR AEROSOL CONTAINER
• DISPOSITIF D'INDICATION POUR CONTENANT D'AEROSOL
- (71) TRUDELL MEDICAL INTERNATIONAL [CA/CA]; 725 Third Street, London, Ontario N5V 5G4 (CA).
- (72) SCARROTT, Peter, Mykola; Apt. 1, 316 Piccadilly Street, London, Ontario N6A 1S5 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ A61M 15/00
(11) WO 03/080163 (13) A1
(21) PCT/US02/32264
(22) 10 Oct/oct 2002 (10.10.2002)
(25) en (26) en
(30) PCT/US02/08298 **20 Mar/mar 2002** US (20.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • PUNCTURING MEANS FOR USE IN AN INHALATION DEVICE
• MOYENS DE PERFORATION S'UTILISANT DANS UN DISPOSITIF D'INHALATION
- (71) ADVANCED INHALATION RESEARCH, INC. [US/US]; 840 Memorial Drive, Cambridge, MA 02139 (US).
- (72) EDWARDS, David; 171 Commonwealth Avenue, Unit 3, Boston, MA 02116 (US). CONLON, Colleen; 108 Puritan Road, Somerville, MA 02145 (US). FOSHEE, David, L.; 2450 Laura Duncan Road, Apex, NC 27523 (US). DURKIN, Jason, R.; 2450 Laura Duncan Road, Apex, NC 27523 (US). COKER, Timothy, B.; 2 Landau Way, Merrimack, NH 03054 (US). STAPLETON, Kevin; 266 Shawmut Avenue, Apartment 3, Boston, MA 02118 (US). DREESSEN, Sarah; 527 Main Street, Medford, MA 02155 (US). DELONG, Mark; Apartment 9, 266 Grove Street, Newton, MA 02466 (US). JONES, Andrew; 112 Beech Street, Roslindale, MA 02131 (US). MCMANUS, Ryan; 220 Windsor Street #1, Cambridge, MA 02139 (US). SAUNDERS, Margaret, Millar; P.O. Box 425410, Cambridge, MA 02142 (US). SPALLER, Robert, W.; 356 Main Street, Amesbury, MA 01913 (US). ZIEGLER, Andrew; 11 Cedar Avenue, Arlington, MA 02476 (US).
- (74) REISTER, Andrea, G.; Covington & Burlington, 1201 Pennsylvania Avenue, N.W., Washington, DC 20004-2401 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG 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 HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M 16/00
(11) WO 03/080164 (13) A1
(21) PCT/RU03/00103
(22) 19 Mar/mar 2003 (19.03.2003)
(25) ru (26) ru
(30) 2002107414 **26 Mar/mar 2002** RU (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • RESPIRATION TRAINING DEVICE
• DISPOSITIF D'EXERCICE RESPIRATOIRE
- (71, 72) BELYAKOV, Vladimir Konstantinovich [RU/RU]; ul. Demonstratsii, 8-154, Tula, 300000 (RU). BELYAKOV, Denis Vladimirovich [RU/RU]; ul. Demonstratsii, 8-154, Tula, 300000 (RU).
- (74) BELYAKOV, Vladimir Konstantinovich; ul. Demonstratsii, 8-154, Tula, 300000 (RU).
- (81) AM AT AU AZ BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IN JP KG KP KR KZ LT LU LV MD MN MX NO PL PT RO SE TJ TM TR UA US UZ VN.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ A61M 16/00, A62B 9/06
(11) WO 03/080165 (13) A1
(21) PCT/US03/08498
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
(30) 60/365,885 **20 Mar/mar 2002** US (20.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • AIRWAY ASSEMBLY
• ENSEMBLE A VOIES AERIENNES
- (71) THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO [US/US]; 3463 Magic Drive, Suite 350, San Antonio, TX 78229 (US). (for all designated States except / pour tous les États désignés sauf US)
- (71, 72) ANGEL, Luis, F. [CO/US]; 2007 Larco Way, San Antonio, TX 78230 (US).
- (74) MEYERTONS, Eric, B.; Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C., P.O. Box 398, Austin, TX 78767-0398 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ A61M 25/00, 29/02, A61B 17/22
(11) WO 03/080166 (13) A1
(21) PCT/IL03/00254
(22) 26 Mar/mar 2003 (26.03.2003)
(25) en (26) en
(30) 60/367,263 **26 Mar/mar 2002** US (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • VASCULAR COUPLING DEVICE
• DISPOSITIF DE COUPLAGE VASCULAIRE
- (63) US 119e of 60/367,263 (CIP) 26 Mar/mar 2002 (26.03.2002)
- (71) HALPERIN, Haim [IL/IL]; 69 KEDEM STREET, 73142 SHOHAM (IL). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHALEV, Ilan [IL/IL]; 3 TIBER STREET, 53415 GIVATAIM (IL).
- (74) FENSTER, Paul et al. / etc.; FENSTER & COMPANY, INTELLECTUAL PROPERTY 2002 LTD., P. O. BOX 10256, 49002 PETACH TIKVA (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ A61M 25/00
(11) WO 03/080167 (13) A2
(21) PCT/US03/10084
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 60/365,946 **19 Mar/mar 2002** US (19.03.2002)
(30) 60/370,361 **5 Apr/avr 2002** US (05.04.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MICROCATHETER HAVING TIP RELIEF REGION
• MICROCATHETER COMPORTANT UNE REGION DE DEPOUILLE DE TETE
- (71) **BIOCURE, INC.** [US/US]; 2975 Gateway Drive, Suite 100, Norcross, GA 30071 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LATINI, Lucas** [US/US]; 824 Ivey Park Lane, Norcross, GA 30092 (US).
- (74) **BEARD, Collen, A.**; BioCure, Inc., 2975 Gateway Drive, Suite 100, Norcross, Georgia 30071 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) *for / pour US only / seulement*
-
- (51)⁷ **A61M 25/01**
- (11) **WO 03/080168** (13) A1
- (21) PCT/US03/08193
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) en (26) en
- (30) 02076050.0 **18 Mar/mar 2002 EP (18.03.2002)**
- (30) 60/365,891 **19 Mar/mar 2002 US (19.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MEDICAL DEVICE FOR GRIPPING AN ELONGATED MEMBER
• DISPOSITIF MEDICAL SERVANT A SAISIR UN ELEMENT ALLONGE
- (71) **WILLIAM COOK EUROPE APS** [DK/DK]; Sandet 6, DK-4632 Bjaeverskov (DK). **COOK INCORPORATED** [US/US]; 750 North Daniel's Way, P.O. Box 489, Bloomington, IN 47402-0489 (US).
- (72) **CHRISTENSEN, Jess**; Mosevangen 21., DK-4130 Viby Sjaelland (DK). **HENDRIKSEN, Per**; Bavelsev 9, St., DK-4171 Glumsøe (DK). **MOLLER, Johnny**; Afløjejn 5., DK-4130 Viby Sjaelland (DK).
- (74) **GOLDLEWSKI, 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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61M 25/098**
- (11) **WO 03/080170** (13) A1
- (21) PCT/US03/08094
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) en (26) en
- (30) 10/102,112 **19 Mar/mar 2002 US (19.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ENHANCED STENT DELIVERY SYSTEM
• SYSTEME AMELIORE DE POSE DE PROTHESE ENDOVASCULAIRE
- (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, 599 Lexington Avenue, 29th Floor, 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 MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **A61M 31/00**
- (11) **WO 03/080171** (13) A1
- (21) PCT/US03/07279
- (22) **19 Mar/mar 2003 (19.03.2003)**
- (25) en (26) en
- (30) 60/365,168 **19 Mar/mar 2002 US (19.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INTRADUCTAL MANAGEMENT OF BREAST LESIONS INVOLVING THERAPEUTIC OR DIAGNOSTIC AGENTS
• GESTION INTRACANALAIRE DE LESIONS MAMMAIRES FAISANT INTERVENIR DES AGENTS THERAPEUTIQUES OU DIAGNOSTIQUES
- (71) **CYTYC HEALTH CORPORATION** [US/US]; 85 Swanson Road, Boxborough, MA 01719 (US).
- (72) **HUNG, David**; 2634 Belmont Canyon Road, Belmont, CA 94002 (US).
- (74) **HANLON, Brian, E.**; Banner & Witcoff, Ltd., 1001 G. Street, N.W., 11th Floor, Washington, D.C. 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **A61M 35/00**
- (11) **WO 03/080172** (13) A1
- (21) PCT/US02/08883
- (22) **21 Mar/mar 2002 (21.03.2002)**
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COTTON SWAB ATTACHMENT MEANS

• MOYENS DE FIXATION POUR CO-
TONS-TIGES

(71, 72) TSAUR, Garry [US/US]; 19222 Tran-
barger Street, Rowland Heights, CA 91748
(US).

(74) NIEH, Joe; Law Offices of Joe Nieh, 17800
Castleton Street, Suite 475, City of Industry,
CA 91748 (US).

(81) AU BR CA CH CN CZ DE DZ ES GB ID IL
IN JP KE KR NZ PL PT RO RU SG TR TZ
UA US VN 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).

Declarations / Déclarations :

(r) for all designations / pour toutes les
designations

(s) for all designations / pour toutes les
designations

(u) for / pour US only / seulement

(51)⁷ A61M 37/00, 5/00

(11) WO 03/080173 (13) A1

(21) PCT/DK03/00149

(22) 11 Mar/mar 2003 (11.03.2003)

(25) en (26) en

(30) PA 2002 00444 22 Mar/mar 2002 DK
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • APPARATUS FOR AUTOMATIC IN-
SERTION OF A SOLID MEDICINE

• APPAREIL POUR L'INSERTION AUTO-
MATIQUE D'UN MEDICAMENT SOUS
FORME SOLIDE

(71) NOVO NORDISK A/S [DK/DK]; Novo
Allé, DK-2880 Bagsværd (DK).

(72) SABRA, Mads, Christian; Nørrebrogade
36, 4, DK-2200 Copenhagen N (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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61M 37/00

(11) WO 03/080174 (13) A1

(21) PCT/JP02/12490

(22) 29 Nov/nov 2002 (29.11.2002)

(25) ja (26) ja

(30) 2002-86423 26 Mar/mar 2002 JP
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MEDICAL TREATMENT SYSTEM
AND PRODUCTION METHOD THERE-
FOR

• SYSTEME DE TRAITEMENT MEDI-
CAL ET PROCEDE DE PRODUCTION
DESTINE A CE SYSTEME

(71) JURIDICAL FOUNDATION OSAKA IN-
DUSTRIAL PROMOTION ORGANIZA-
TION [JP/JP]; c/o MydomeOsaka, 2-5, Hon-
machibashi, Chuo-ku, Osaka-shi, Osaka 540-
0029 (JP).

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

(72, 75) AOYAGI, Seiji [JP/JP]; 18-1-601,
Yamate-cho 3-chome, Suita-shi, Osaka
564-0073 (JP). ISONO, Yoshitada [JP/JP];
14-5-205, Noji 1-chome, Kusatsu-shi, Shiga
525-0059 (JP). HASHIGUCHI, Gen [JP/JP];
3-4-5, Hananomiya-cho, Takamatsu-shi, Ka-
gawa 761-8063 (JP).

(74) AOYAMA, Tamotsu et al. / etc.; AOYAMA
& PARTNERS, IMP Building, 3-7, Shi-
romi 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 KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61N 1/00

(11) WO 03/080175 (13) A1

(21) PCT/CN03/00098

(22) 29 Jan/jan 2003 (29.01.2003)

(25) zh (26) zh

(30) 02109128.5 30 Jan/jan 2002 CN
(30.01.2002)

(30) 02119482.3 27 May/mai 2002 CN
(27.05.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • THE MUSIC ACUSECTOR MEDICAL
APPLIANCE

• APPAREIL MEDICAL A BISTOURI
ELECTRIQUE MUSICAL

(71, 72) ZHANG, Jin [CN/CN]; Nangang
Dongda St. 178#, Haerbin, Heilongjiang
150001 (CN).

(74) SHENYANG KEWEI INTERNA-
TIONAL PATENT OFFICE; 60A, No.
66 Xishuncheng Street, Shenhe District,
Shenyang, Liaoning 110013 (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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

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Declaration / Déclaration :

(t) for all designations / pour toutes les
designations

(51)⁷ A61N 1/32

(11) WO 03/080176 (13) A2

(21) PCT/US03/09000

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 10/102,498 21 Mar/mar 2002 US
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PREPARATION AND DELIVERY OF
HEALTHCARE SERVICES UTILIZING
ELECTROLYTIC MEDICAMENTS

• PREPARATION ET ADMINISTRATION
DE SERVICES DE SOINS AU MOYEN
DE MEDICAMENTS ELECTROLY-
TIQUES

(71, 72) ORTON, Kevin, R. [US/US]; 940 Calle
Negocio, #140, San Clemente, CA 92673
(US).

(74) ALTMAN, Daniel, E.; Knobbe, Martens,
Olson & Bear, LLP, 2040 Main Street, Four-
teenth Floor, 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 (Utility
model / modèle d'utilité) CZ DE (Utility
model / modèle d'utilité) DE DK (Utility
model / modèle d'utilité) DK DM DZ EC EE
(Utility model / modèle d'utilité) EE ES FI
(Utility model / modèle d'utilité) FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX MZ NI NO NZ
OM PH PL PT RO RU SC SD SE SG SK
(Utility model / modèle d'utilité) SK SL TJ
TM TN TR TT TZ UA UG UZ VC VN YU
ZA ZM ZW.

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

(51)⁷ A61N 1/37, 1/39, 1/362, H01F 7/18, A61N
1/08

(11) WO 03/080177 (13) A1

(21) PCT/US03/07127

(22) 10 Mar/mar 2003 (10.03.2003)

(25) en (26) en

(30) 10/102,076 19 Mar/mar 2002 US
(19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CURRENT MONITOR FOR AN IM-
PLANTABLE MEDICAL DEVICE

• ORGANE DE SURVEILLANCE DE
COURANT POUR DISPOSITIF MEDI-
CAL IMPLANTABLE

(71) MEDTRONIC, INC. [US/US]; MS LC340,
710 Medtronic Parkway NE, Minneapolis,
MN 55432 (US).

(72) BRUNWELL, Dennis; 8424 Irwin Road,
Bloomington, MN 55437 (US). DROPPS,

Frank; 17222 81st Avenue North, Maple Grove, MN 55311 (US).

(74) **SOLDNER, Michael, C.** et al. / etc.; MS LC340, 710 Medtronic Parkway NE, Minneapolis, MN 55432 (US).

(81) CA JP.

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

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Declaration / Déclaration :

(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 HU IE IT LU MC NL PT RO SE SI SK TR)

(51)⁷ A61N 1/39

(11) **WO 03/080178** (13) A2

(21) PCT/IB03/00624

(22) **18 Feb/fév 2003 (18.02.2003)**

(25) en (26) en

(30) 10/104,223 **22 Mar/mar 2002 US (22.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AUTOMATED EXTERNAL DEFIBRILLATOR WITH A PLURALITY OF POWER SOURCES

• DEFIBRILLATEUR EXTERNE AUTOMATISE POURVU D'UNE PLURALITE DE SOURCES D'ALIMENTATION ELECTRIQUE

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

(72) **POWERS, Daniel, J.**; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BRINK, Gregory, D., B.**; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **PICARDO, Anthony, G.**; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **OCHS, Dennis, E.**; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **WOLFS, Marc, J., 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

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Declaration / Déclaration :

(t) for the following designations / pour les désignations suivantes : BR CN

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(11) **WO 03/080179** (13) A1

(21) PCT/JP03/03843

(22) **27 Mar/mar 2003 (27.03.2003)**

(25) ja (26) ja

(30) 2002-88013 **27 Mar/mar 2002 JP (27.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CYTOKINE CONTROLLING DEVICE, TREATING DEVICE AND TREATING METHOD

• DISPOSITIF DE REGULATION DE CYTOKINES, DISPOSITIF DE TRAITEMENT ET PROCEDE DE TRAITEMENT

(71) **NIPPON SIGMAX CO., LTD.** [JP/JP]; 5-3, Koraku 1-chome, Bunkyo-ku, Tokyo 112-0004 (JP).

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(72, 75) **AOKI, Takashi** [JP/JP]; 4-8-1, Ishiodai, Kasugai-shi, Aichi 487-0006 (JP). **ARAHATA, Susumu** [JP/JP]; 3-14-5, Izumi, Suginami-ku, Tokyo 168-0063 (JP). **SHINNABE, Hideyuki** [JP/JP]; 4-20-19, Kamitsuruma, Sagami-hara-shi, Kanagawa 228-0802 (JP). **KIKUKAWA, Tadahiyo** [JP/JP]; 1048-5, Nishiasuma, Saitama-shi, Saitama 331-0061 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ A61N 5/10, H01J 35/32

(11) **WO 03/080180** (13) A1

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(22) **20 Mar/mar 2003 (20.03.2003)**

(25) en (26) en

(30) 60/365,712 **20 Mar/mar 2002 US (20.03.2002)**

(30) Not furnished / non communiqué **19 Mar/mar 2003 US (19.03.2003)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • X-RAY APPARATUS WITH FIELD EMISSION CURRENT CONTROL AND METHOD

• APPAREIL DE RADIOGRAPHIE A COMMANDE DE COURANT D'EMISSION DE CHAMP ET PROCEDE ASSOCIE

(71, 72) **JAAFAR, Ali** [US/US]; 11600 Landing Road, Eden Prairie, MN 55347 (US).

(74) **GREGERSEN, Graig**; P.O.Box 386353, Bloomington, MN 55438 (US).

(81) AU BR CA IN JP MX.

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

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(51)⁷ A61P 9/04, 9/02, 1/16, A61K 31/585, 47/02, 47/12, 47/40, 47/26

(11) **WO 03/080181** (13) A2

(21) PCT/US03/08432

(22) **20 Mar/mar 2003 (20.03.2003)**

(25) en (26) en

(30) 60/366,064 **20 Mar/mar 2002 US (20.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • STORAGE STABLE EPLERENONE FORMULATION

• FORMULATION DE L'EPLERENONE STABLE AU STOCKAGE

(71) **PHARMACIA CORPORATION** [US/US]; Global Patent Department, 575 Maryville Centre Drive, 5th Floor, Mail Zone 1006, St. Louis, MO 63006 (US).

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(72, 75) **ARAMWIT, Pornanong** [US/US]; 5200 Old Orchard Road, Skokie, IL 60077 (US). **QI, Hong** [US/US]; 4529 Concord Lane, Northbrook, IL 60062 (US). **FERRO, Leonard, J.** [US/US]; 3055 Priscilla Avenue, Highland Park, IL 60035 (US).

(74) **FOURNIER, David, B.** et al. / etc.; Pharmacia Corporation, 575 Maryville Centre Drive, 5th Floor, Mail Zone 1006, St. Louis, MO 63141 (US).

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

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

(51)⁷ A61P 11/00, A61K 31/166

(11) **WO 03/080182** (13) A1

(21) PCT/EP02/03399

(22) **26 Mar/mar 2002 (26.03.2002)**

(25) de (26) de

(30) 101 14 762.7 **26 Mar/mar 2001 DE (26.03.2001)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • USE OF CYSTEINE PROTEASE-INHIBITORS FOR TREATING ILLNESSES

• UTILISATION D'INHIBITEURS DE LA CYSTEINE PROTEASE POUR LE TRAITEMENT DE MALADIES PULMONAIRES

(71) **ABBOTT GMBH & CO. KG** [DE/DE]; Max-Planck-Ring 2, 65205 Wiesbaden (DE).

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(72, 75) **MOELLER, Achim** [DE/DE]; Im Zaurücken 10, 67269 Grünstadt (DE). **LU-BISCH, Wilfried** [DE/DE]; Häusserstr. 1, 35435 Wettenberg (DE). **NEUHOF, Heinz** [DE/DE]; Lindenstrasse 1, 35435 Wettenberg (DE).

(74) **REITSTÖTTER, KINZEBACH & PARTNER**; Sternwartstrasse 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 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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(21) PCT/GB03/01182

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 0206505.0 19 Mar/mar 2002 GB (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PHARMACEUTICAL COMBINATION OF THE COX-2 INHIBITOR ETODOLAC AND OPIOIDS

• COMPOSE PHARMACEUTIQUE CONTENANT UN INHIBITEUR COX-2, L'ETODOLAC, ET DES OPIOIDES

(71) **EURO-CELTIQUE S.A.** [LU/LU]; 122, boulevard de la Petrusse, L-2330 Luxembourg (LU).

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(71) **RUFFLES, Graham, Keith** [GB/GB]; 57-60 Lincoln's Inn Field, London WC2A 3LS (GB).

(only for / seulement pour SD)

(72, 75) **MORTIMER, David, Sackler** [AT/CH]; Chalet Chouette, Oberbort, CH-3780 Gstaad (CH).

(74) **RUFFLES, Graham Keith**; Marks and Clerk, 57-60, Lincoln's 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

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(51)⁷ A61P 29/00, C07D 403/04, A61K 31/505

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(21) PCT/US03/07635

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 60/365,701 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • 1,2-DIHYDROPYRAZOL-3-ONES AS CYTOKINE MEDIATORS

• 1,2-DIHYDROPYRAZOL-3-ONES CONTROLANT LES CYTOKINES INFLAMMATOIRES

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **LAUFERSWEILER, Matthew, John**; 6590 Black Forest Court, Morrow, OH 45142 (US). **CRAGO, Cynthia, Monesa**; 10563 S. State Route 48, Loveland, OH 45140 (US). **CLARK, Michael, Philip**; 10563 S. State Route 48, Loveland, OH 45140 (US). **DJUNG, Jane, Far-Jine**; 5747 W. Fountain Circle, Mason, OH 45040 (US). **DE, Biswanath**; 11269 Cornell Woods Drive, Cincinnati, OH 45241 (US). **NATCHUS, Michael, George**; 555 Waterview Trail, Alpharetta, GA 30022 (US).

(74) **REED, T., David 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 SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ A62B 1/02, 1/14, 1/20

(11) WO 03/080185 (13) A1

(21) PCT/CN02/00197

(22) 25 Mar/mar 2002 (25.03.2002)

(25) zh (26) zh

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AIR POCKET STYLE LIFESAVING APPARATUS FOR HIGH BUILDING DURING FIRES

• APPAREIL DE SAUVETAGE DU TYPE POCHE D'AIR POUR CONSTRUCTIONS ELEVEES EN FEU

(71, 72) **CHEN, Jiashan** [CN/CN]; 15 San-gui Street, Changsha City, Hunan 410005 (CN).

(74) **CHANGSHA ZONEKEY PATENT LAW FIRM**; 135 Bayi Rd., Changsha, Hunan 410001 (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 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)⁷ A62B 1/04

(11) WO 03/080186 (13) A1

(21) PCT/US03/08088

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 10/100,532 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ANCHOR POINT DEVICES, SYSTEMS AND METHODS FOR USE IN FALL PROTECTION

• SYSTEMES, PROCEDES ET DISPOSITIFS A POINTS D'ANCRAGE POUR L'AMORTISSEMENT DES CHUTES

(71) **BACCOU-DALLOZ FALL PROTECTION INVESTMENT, INC.** [US/US]; 300 Deleware Street, Suite 300, Wilmington, DE 19801 (US).

(72) **ANDERSON, Preston, L.**; 6611 State Route 38, Cranberry, PA 16319 (US). **ADAMS, Ronald, W.**; 169 Seysler Road, Franklin, PA 16323 (US). **SPOTTS, Steve, D.**; 389 Steeplechase Drive, Cranberry Township, PA 16066 (US). **GAYDOS, Michael, J.**; 4779 South Pioneer Road, Allison Park, PA 15101 (US).

(74) **BARTONY, Henry, E., Jr.**; Bartony & Hare, Suite 1800, Law & Finance Building, 429 Fourth Avenue, Pittsburgh, PA (US).

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

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

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(25) nl (26) en

(30) 1020225 21 Mar/mar 2002 NL
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HYDRAULIC RESCUE TOOL SUPPLIED BY A BATTERY

- OUTIL DE SAUVETAGE HYDRAULIQUE ALIMENTÉ PAR UNE BATTERIE

(71) HOLMATRO INDUSTRIAL EQUIPMENT B.V. [NL/NL]; Zalmweg 30, NL-4941 VX Raamsdonksveer (NL).

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(72, 75) SCHÜTZ, Christiaan, Arnold [NL/NL]; Vondellaan 24, NL-4942 DA Raamsdonksveer (NL).

(74) EVELEENS, Maarse, Pieter; Arnold & Siedsma, Sweelinckplein 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A62C 2/06, E06B 9/68

(11) WO 03/080188 (13) A1

(21) PCT/EP03/03148

(22) 26 Mar/mar 2003 (26.03.2003)

(25) de (26) de

(30) 102 13 811.7 27 Mar/mar 2002 DE
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • GATE ARRANGEMENT WITH A FIRE-PROTECTION FUNCTION AND FAST OPERATION FUNCTION

- ENSEMBLE PORTAIL A FONCTION COUPE-FEU ET FONCTIONNEMENT RAPIDE

(71) EFAFLEX TOR-UND SICHERHEITSSYSTEME GMBH & CO. KG [DE/DE]; Fliederstrasse 14, 84079 Bruckberg (DE). STÖBICH BRANDSCHUTZ GMBH & CO. KG [DE/DE]; Pracherstieg 6, 38644 Goslar (DE).

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(72, 75) REJC, Petra [DE/DE]; Falkenstrasse 46, 84036 Landshut (DE). STÖBICH, Jochen [DE/DE]; Kreuzallee 20A, 38685 Langgelsheim (DE). SILLER, Steffan [DE/DE]; Komturstrasse 17, 38690 Vienenburg-Weddingen (DE).

(74) KUHNEN & WACKER; Patent- und Rechtsanwaltsbüro, Prinz-Ludwig-Str. 40A, 85354 Freising (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(25) en (26) en

(30) 2002/16055 25 Mar/mar 2002 KR
(25.03.2002)(30) 2003/12298 27 Feb/fév 2003 KR
(27.02.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HYDRAULIC SYSTEM OF MULTIPURPOSE MOTION ORGANIZATION

- SYSTEME HYDRAULIQUE D'ORGANISATION DE MOUVEMENT POLYVALENT

(71, 72) KU, Bon-su [KR/KR]; 202-1104 Ho Hansolmaul Lg-Apt Jeonggia-Dong Bundang-Gu Songnam-si, Kyonggido 463-909 (KR).

(74) KIM, Eun-gu; Pedison International Patent and Law Office, 824-28(3F) Yoksam-Dong Kangnam-gu, Seoul 135-080 (KR).

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

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

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(25) en (26) en

(30) 60/366,121 21 Mar/mar 2002 US
(21.03.2002)(30) 10/341,622 14 Jan/jan 2003 US
(14.01.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMPACT ABDOMINAL EXERCISE APPARATUS

- APPAREIL COMPACT D'EXERCICE ABDOMINAL

(71, 72) SUITER, William, G. [US/US]; 1157 Emerson Avenue, Campbell, CA 95008 (US).

(74) FOREST, Carl, A. et al. / etc.; Patton Boggs LLP, P. O. Box 270930, Louisville, CO 80027-5015 (US).

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

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

(51)⁷ A63B 53/02

(11) WO 03/080191 (13) A1

(21) PCT/US03/07638

(22) 11 Mar/mar 2003 (11.03.2003)

(25) en (26) en

(30) 60/365,216 18 Mar/mar 2002 US
(18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SLOTTED HOSEL FOR A GOLF CLUB HEAD

- HOSEL A FENTES POUR UNE TETE DE CLUB DE GOLF

(71, 72) BURROWS, Bruce, D. [US/US]; - (**).

(74) LOWRY, Stuart, O. et al. / etc.; Kelly Bauersfeld Lowry & Kelley, LLP, 6320 Canoga Avenue, Suite 1650, Woodland Hills, CA 91367 (US).

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

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

(51)⁷ A63B 57/00, 69/36, 69/00, 69/38, A63F 9/14, A63D 5/00

(11) WO 03/080192 (13) A1

(21) PCT/US03/08616

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/365,597 19 Mar/mar 2002 US
(19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE AND METHOD FOR THROWING MOTION TRAINING

• DISPOSITIF ET PROCEDE POUR UN ENTRAINEMENT AU MOUVEMENT DE LANCE

(71, 72) SMITH, Gregory, S. [US/US]; Nine Gates Road, Yorklyn, DE 17936 (US). BUCCI, Michael [US/US]; 50 Park Lane, Glen Mills, PA 19342 (US).

(74) GOMEZ, Brian, A. et al. / etc.; Huntley & Associates, L.L.C., 1105 N. Market Street, P.O. Box 948, Wilmington, DE 19899-0948 (US).

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

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

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(22) 12 Mar/mar 2003 (12.03.2003)

(25) fr (26) fr

(30) 02/03576 22 Mar/mar 2002 FR (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DETACHABLE AND STOWABLE SELF-SUPPORTING AND/OR ANCHORED DEVICE FOR CLIMBING

• DISPOSITIF AUTOPORTANT ET/OU A ANCRAGE POUR LA PRATIQUE DE L'SCALADE, DEMONTABLE ET STOCKABLE

(71) BERCHER, Adrien [FR/FR]; 21 route des pitons, F-74160 Beaumont (FR).

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

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

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A63B 69/36, 21/055

(11) WO 03/080194 (13) A1

(21) PCT/CA02/00398

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • GOLF SWING TRAINING DEVICE

• DISPOSITIF D'ENTRAINEMENT AU SWING DE GOLF

(71) JAM INDUSTRIES LTD. [CA/CA]; 21000 Trans-Canadienne, Baie-d'Urfé, Québec H9X 4B7 (CA).

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

(72, 75) HOATHER, Steve [CA/CA]; 107 Biscaïne, Beaconsfield, Québec H9W 1G4 (CA).

(74) OGILVY RENAULT et al. / etc.; Suite 1600, 1981 McGill College Avenue, 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 VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ A63B 69/36

(11) WO 03/080195 (13) A1

(21) PCT/EP03/03074

(22) 25 Mar/mar 2003 (25.03.2003)

(25) de (26) de

(30) 202 04 757.1 25 Mar/mar 2002 DE (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TRAINING ACCESSORY FOR A GOLF CLUB

• ACCESSOIRE D'ENTRAINEMENT POUR UN CLUB DE GOLF

(71, 72) WEICK, Martin [DE/DE]; Reichforststrasse 11, 60528 Frankfurt (DE).

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

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

Published / Publiée : (c)

(51)⁷ A63B 69/36

(11) WO 03/080196 (13) A1

(21) PCT/US02/08312

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MOVING PRACTICE GOLF GREEN BALL PICKUP AND RETURN APPARATUS

• VERT D'ENTRAINEMENT DE GOLF MOBILE, APPAREIL DE RAMASSAGE ET DE RETOUR DE BALLE

(71, 72) COX, Alvin, E. [US/US]; 10612 Hamletonian Place, Santa Ana, CA 92705 (US).

(74) CONNORS, John, J.; Connors & Associates, 1600 Dove Street #220, 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 UZ VN YU ZA ZM ZW.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A63B 71/00, 67/02, 69/36

(11) WO 03/080197 (13) A1

(21) PCT/US03/08556

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/366,316 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SPORTS TRAINING DEVICE

• DISPOSITIF D'ENTRAINEMENT SPORTIF

(71, 72) GRIFFIN, Sara [US/US]; 628 W. Imperial Avenue #202, El Segundo, CA 90245 (US).

(74) MILLER, Courtney, J.; 1650 Fifth Third Center, 21 East State Street, Columbus, OH 43215 (US).

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

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

(51)⁷ A63B 71/14, 69/00

(11) WO 03/080198 (13) A1

(21) PCT/KR03/00586

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ko (26) en

(30) 10-2002-0016390 26 Mar/mar 2002 KR (26.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • WRIST SUPPORT APPARATUS FOR BOWLING
• DISPOSITIF DE SUPPORT DE POIGNET POUR JEU DE QUILLES
- (71, 72) CHO, Young-Kook [KR/KR]; 15/2, 829-38 Mangmee-dong, Sooyoung-gu, Busan 613-130 (KR).
- (74) KIM, Tae, Kyu et al. / etc.; Kim & Kim International Patent & Law Office, 5th Floor, Sangwon Building, 636-15 Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A63F 1/10, A45C 11/18, A63F 1/16
- (11) WO 03/080199 (13) A1
- (21) PCT/PL03/00027
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) P.352958 22 Mar/mar 2002 PL (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CARD DISPENSER IN PARTICULAR FOR BUSINESS AND PERSONAL CARDS
• DISPOSITIF DE DISTRIBUTION DE CARTES, NOTAMMENT DES CARTES D'AFFAIRES ET DES CARTES DE VISITE
- (71, 72) WACLAWEK, Wieslaw [PL/PL]; ul. Przybyziewskiego 14, PL-05-071 Sulejowek 3 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A63F 3/00
- (11) WO 03/080200 (13) A1
- (21) PCT/CN03/00196
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) zh (26) zh
- (30) 2022/2014 25 Mar/mar 2002 ZA (25.03.2002)
- (30) 2002/9440 20 Nov/nov 2002 ZA (20.11.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A GOLF GAME
- (30) 02216377.8 26 Mar/mar 2002 CN (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CHESS APPLIANCE WITH IDENTIFICATION AND OPERATION BY MACHINE
• APPAREIL DE JEU D'ECHECS AVEC SYSTEME D'IDENTIFICATION ET D'EXPLOITATION COMMANDE PAR MACHINE
- (71, 72) LONG, Jian [CN/CN]; Room A-603, House No. 3, Guang Chen Road, Changzhou, Jiangsu 213015 (CN).
- (74) SHANGHAI PATENT & TRADEMARK LAW OFFICE; 435 Guiping Road, 200233 Shanghai (CN).
- (81) AE (Utility model / modèle d'utilité) AG AL (Utility model / modèle d'utilité) AM (Utility model / modèle d'utilité) AT (Utility model / modèle d'utilité) AU AZ (Utility model / modèle d'utilité) BA BB BG (Utility model / modèle d'utilité) BR (Utility model / modèle d'utilité) BY (Utility model / modèle d'utilité) BZ (Utility model / modèle d'utilité) CA CH CO CR (Utility model / modèle d'utilité) CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DM DZ EC (Utility model / modèle d'utilité) EE ES (Utility model / modèle d'utilité) FI (Utility model / modèle d'utilité) FI GB GD GE (Utility model / modèle d'utilité) GH GM HR HU (Utility model / modèle d'utilité) ID IL IN IS JP (Utility model / modèle d'utilité) KE KG KP KR KZ LC LK LR LS (Utility model / modèle d'utilité) LT LU LV MA MD (Utility model / modèle d'utilité) MG MK MN MW MX (Utility model / modèle d'utilité) MZ (Utility model / modèle d'utilité) NI NO NZ OM PH (Utility model / modèle d'utilité) PL (Utility model / modèle d'utilité) PT (Utility model / modèle d'utilité) RO RU (Utility model / modèle d'utilité) SC SD SE SG SK (Utility model / modèle d'utilité) SK SL (Utility model / modèle d'utilité) TJ (Utility model / modèle d'utilité) TM TN TR (Utility model / modèle d'utilité) TT TZ UA (Utility model / modèle d'utilité) UG US UZ (Utility model / modèle d'utilité) VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (Utility model / modèle d'utilité) (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A63F 7/06
- (11) WO 03/080201 (13) A1
- (21) PCT/IB03/01074
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) en (26) en
- (30) 2002/2014 25 Mar/mar 2002 ZA (25.03.2002)
- (30) 2002/9440 20 Nov/nov 2002 ZA (20.11.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A GOLF GAME
- JEU DE GOLF
- (71, 72) LE ROUX, Craig [ZA/ZA]; 4 Shrike Place, 4235 UMTENTWENI (ZA).
- (74) ROTTEVEEL, Martin; Adams & Adams, Private Bag 16, 7 Nollsworth Crescent, Nollsworth, La Lucia Ridge Office Estate, La Lucia, 4320 UMHLANGA (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A63F 9/18, 9/00
- (11) WO 03/080202 (13) A1
- (21) PCT/AU03/00357
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) en (26) en
- (30) PS 1397 27 Mar/mar 2002 AU (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A GAME
• JEU
- (71, 72) ANTHONY, Craig, Albert [AU/AU]; 9A Hilltop Cres, Fairlight, NSW 2094 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A63F 13/00
- (11) WO 03/080203 (13) A1
- (21) PCT/JP03/01225
- (22) 6 Feb/fév 2003 (06.02.2003)
- (25) ja (26) ja
- (30) 2002-80272 22 Mar/mar 2002 JP (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • GAME APPARATUS, PROGRAM, INFORMATION RECORDING MEDIUM, PROGRAM DISTRIBUTION METHOD, AND PROGRAM DISTRIBUTION APPARATUS

Published / Publiée : (c)

• DISPOSITIF DE JEU, PROGRAMME, SUPPORT D'ENREGISTREMENT D'INFORMATIONS, PROCEDE DE DISTRIBUTION DE PROGRAMME, ET DISPOSITIF DE DISTRIBUTION DE PROGRAMME

(71) **KONAMI CORPORATION** [JP/JP]; 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6330 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OE, Osamu** [JP/JP]; c/o Konami Computer Entertainment Studios, Inc., 4-1-23, Shiba, Minato-ku, Tokyo 108-0014 (JP).

(74) **HARUKA PATENT & TRADEMARK ATTORNEYS**; 9F., Eiko Building, 4-16, Shinjuku 2-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

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

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

(51)⁷ **A63F 13/02**

(11) **WO 03/080204** (13) A1

(21) PCT/YU02/00009

(22) **3 Jun/juin 2002 (03.06.2002)**

(25) en (26) en

(30) P-155/02 **4 Mar/mar 2002 YU (04.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • THE STAND FOR THE VIDEO GAMES CONTROLLER'S COMMANDS LIST AND THE LIST ITSELF

• PRESENTOIR DE LISTE DE COMMANDES DE CONTROLE DE JEUX VIDEOS ET LISTE ASSOCIEE

(71, 72) **MARJANOVIC, Srdjan** [YU/YU]; Mala Biljanica, YU-16201 Manojlovce (YU).

(81) CA US.

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

Declaration / Déclaration :

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

(51)⁷ **A63G 4/00**

(11) **WO 03/080205** (13) A1

(21) PCT/GB03/01343

(22) **20 Mar/mar 2003 (20.03.2003)**

(25) en (26) en

(30) 0206668.6 **21 Mar/mar 2002 GB (21.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IMPROVEMENTS RELATING TO PLAY APPARATUS

• AMELIORATIONS APPORTEES A UN ACCESSOIRE DE JEU

(71) **WURLEY-BIRD LTD** [GB/GB]; Cartwright House, Tottle Road, Nottingham NG2 1RT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STEPHENS, Michael** [GB/GB]; 127 Plains Road, Mapperley, Nottingham NG3 5QX (GB).

(74) **JONES, Stephen, Anthony**; Adamson Jones, Broadway Business Centre, 32a Stoney Street, Nottingham NG1 1LL (GB).

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

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

Declarations / Déclarations :

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

(51)⁷ **A63G 21/20**

(11) **WO 03/080206** (13) A1

(21) PCT/IB02/00917

(22) **25 Mar/mar 2002 (25.03.2002)**

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AIRPLANE TRAINING AND AMUSEMENT DEVICE FOR TRAVELING ON A FIXED TRACK

• DISPOSITIF DE DIVERTISSEMENT ET D'ENTRAINEMENT AERIEN CIRCULANT SUR DES RAILS FIXES

(71, 72) **HENNE, Kurt** [DE/DE]; Guldenbergstrasse 29, 72510 Stetten a.k.M. (DE).

(74) **MACKERT, Andreas, Georg**; Rheinpatent Kordon & Mackert, Adam-Karillon-Strasse 30, 55118 Mainz (DE).

(81) AE AG AL AU BA BB BG BR 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 MG MK MN MX NO NZ OM PH PL RO SG SI SK TN 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 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)⁷ **A63H**

(11) **WO 03/080207** (13) A2

(21) PCT/MX03/00029

(22) **14 Mar/mar 2003 (14.03.2003)**

(25) es (26) es

(30) PA/A/2002/003183 **26 Mar/mar 2002 MX (26.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IMPROVEMENTS TO A TOY

• AMELIORATIONS APPORTEES A UN JOUET

(71, 72) **YARTO APONTE, José, Antonio** [MX/MX]; Prolongación Bosque de Reforma 1477, Torre A - 401, Col. Bosques de las Lomas, 11560 México, D.F. (MX).

(74) **GONZALEZ BERLANGA, Héctor**; Av. Irrigación 49 - 1, Col. Irrigación, 11510 México, D.F. (MX).

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

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

(51)⁷ **A63H 29/08, 17/00**

(11) **WO 03/080208** (13) A1

(21) PCT/ES02/00150

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

(25) es (26) es

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SELF-ALIGNING TOY CAR USING INERTIAL ENERGY

• VEHICULE-JOUET A ALIGNEMENT AUTOMATIQUE ET A ENERGIE INERTIELLE

(71) **ONILCO INNOVACION, S.A.** [ES/ES]; Avda. de Castilla, E-03430 Onil, Alicante (ES).

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

(72, 75) **FERRI LLORENS, Jaime** [ES/ES]; Avda. de la Constitución 22, E-03430 Onil, Alicante (ES).

(74) **GARCIA-CABRERIZO Y DEL SANTO, Pedro, Maria**; Vitruvio, 23, 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 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)⁷ B01D

(11) WO 03/080209 (13) A2

(21) PCT/FR03/00920

(22) 24 Mar/mar 2003 (24.03.2003)

(25) fr (26) fr

(30) 02/3690 25 Mar/mar 2002 FR (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD OF CONCENTRATING MACROMOLECULES OR AGGLOMERATES OF MOLECULES OR PARTICLES

• PROCEDE DE CONCENTRATION DE MACROMOLECULES OU AGGLOMERATS DE MOLECULES OU DE PARTICULES

(71) COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR]; 31/33, rue de la Fédération, F-75752 PARIS 15ème (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3 rue Michel Ange, F-75794 PARIS CEDEX 16 (FR).

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

(72, 75) BERTHIER, Jean [FR/FR]; 8 rue des Florentines, F-38240 MEYLAN (FR). DAVOUST, Laurent [FR/FR]; 40 rue Claude Genin, F-38100 GRENOBLE (FR).

(74) GUERRE, Fabien; c/o 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 HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ B01D 9/02

(11) WO 03/080210 (13) A1

(21) PCT/FR03/00930

(22) 24 Mar/mar 2003 (24.03.2003)

(25) fr (26) fr

(30) 02/03709 25 Mar/mar 2002 FR (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR CRYSTALLIZING A MACROMOLECULE CHARGED IN SOLUTION

• DISPOSITIF DE CRISTALLISATION D'UNE MACROMOLECULE CHARGÉE EN SOLUTION

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) [FR/FR]; 3, Rue Michel-Ange, F-75794 Paris Cedex 16 (FR).

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(72, 75) AUBRY, André [FR/FR]; 10, Rue des Augustins, F-54410 Laneuveville devant Nancy (FR). MANGEOT, Jean-Paul

[FR/FR]; 61, Avenue de Boufflers, F-54000 Nancy (FR). DIDIERJEAN, Claude [FR/FR]; 58, Rue de Laxou, F-54000 Nancy (FR).

(74) MICHELET, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ B01D 15/08

(11) WO 03/080211 (13) A1

(21) PCT/US03/07691

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 10/100,762 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR SOLID PHASE EXTRACTION AND METHOD FOR PURIFYING SAMPLES PRIOR TO ANALYSIS

• DISPOSITIF D'EXTRACTION EN PHASE SOLIDE ET PROCEDE DE PURIFICATION D'ECHANTILLONS AVANT L'ANALYSE

(71) WATERS INVESTMENTS LIMITED [US/US]; 34 Maple Street-LG, Milford, MA 01757 (US).

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

(72, 75) FISK, Raymond, P. [US/US]; 13 Creastwood Drive, Norton, MA 02766 (US). IRANETA, Pamela, C. [US/US]; 6 Bigelow Circle, Brighton, MA 02135 (US). TUVIM, Yuri [US/US]; 11 Norwood Heights, Gloucester, MA 01930 (US). BOUVIER, Edouard, S. P. [US/US]; 29 Peabody Drive, Stow, MA 01775 (US). BELANGER, Jonathan [US/US]; 556 Carpenter Road, Whitinsville, MA 01588 (US). GILAR, Martin [US/US]; 139 King Street, Apt. 207, Franklin, MA 02038 (US).

(74) JANIUK, Anthony, J.; Waters Investment Limited, 34 Maple Street -LG, Milford, MA 01757 (US).

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

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

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

(51)⁷ B01D 17/032, 17/12

(11) WO 03/080212 (13) A1

(21) PCT/EP03/03170

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 02252120.7 25 Mar/mar 2002 EP (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND DEVICE FOR SEPARATING A MIXTURE OF FLUIDS

• PROCEDE ET DISPOSITIF DE SEPARATION DE MELANGE DE FLUIDES

(71) SHELL INTERNATIONAL RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

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(71) SHELL CANADA LIMITED [CA/CA]; 400, 4th Avenue S.W., Calgary, Alberta T2P 2H5 (CA).

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(72, 75) PUIK, Eric, Johannes [NL/NL]; Volmerlaan 8, NL-2288 GD Rijswijk (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B01D 24/24, 24/40

(11) WO 03/080213 (13) A1

(21) PCT/FR03/00896

(22) 21 Mar/mar 2003 (21.03.2003)

(25) fr (26) fr

(30) 02/03657 22 Mar/mar 2002 FR (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND INSTALLATION FOR FILTERING LIQUID MEDIA GENERATING IN THE TREATED LIQUID AN OVERALL SPIRALLING MOVEMENT

• PROCEDE ET INSTALLATION POUR LA FILTRATION DES MILIEUX LIQUIDES GENERANT DANS LE LIQUIDE TRAITÉ UN MOUVEMENT D'ENSEMBLE SPIRALE

(71) AQUATRIUM [FR/FR]; Société par actions simplifiée, 55, rue Charles Keller, F-54000 Nancy (FR).

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(72, 75) COULOM, Thierry [FR/FR]; 55, rue Charles Keller, F-54000 Nancy (FR).

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(74) **POUPON, Michel**; Cabinet Michel Poupon, 3, rue Ferdinand Brunot, F-88026 Epinal Cedex (FR).

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

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

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(u) for / pour US only / seulement

(51)⁷ B01D 27/00, 35/30

(11) WO 03/080214 (13) A1

(21) PCT/US02/31633

(22) 3 Oct/oct 2002 (03.10.2002)

(25) en (26) en

(30) 10/102,132 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • APPARATUS AND METHOD FOR RELEASING A FILTER FROM A FILTER CAP OF A FILTER ASSEMBLY

• APPAREIL ET PROCÉDE DE LIBÉRATION D'UN FILTRE A PARTIR D'UN CAPUCHON DE FILTRE D'UN ASSEMBLAGE DE FILTRE

(71) **ARVIN TECHNOLOGIES, INC.** [US/US]; 2135 West Maple Road, Troy, MI 48084 (US).

(72) **WALL, John, W.**; 1527 Vine Street, Holly Springs, NC 27540 (US).

(74) **REZEK, Richard, A.**; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).

(81) BR 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).

(51)⁷ B01D 27/08, 35/30, 29/15, 29/33, 29/88

(11) WO 03/080215 (13) A1

(21) PCT/US03/08013

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 60/365,554 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FLUID FILTER HAVING INTERCHANGEABLE TOP-LOAD FILTER AND BOTTOM-LOAD FILTER AND METHODS

• FILTRE A FLUIDE COMPORTANT UN FILTRE A REMPLISSAGE PAR LE HAUT ET UN FILTRE PAR REMPLISSAGE PAR LE BAS INTERCHANGEABLES, ET PROCÉDES ASSOCIÉS

(71) **DONALDSON COMPANY, INC.** [US/US]; 1400 West 94th Street, P.O. Box 1299, Minneapolis, MN 55440-1299 (US).

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(72, 75) **HACKER, John, R.** [US/US]; 5614 Saint Andrews Avenue, Edina, MN 55424 (US).

(74) **BRUESS, Steven, C.**; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

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

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

(51)⁷ B01D 29/11, 36/00

(11) WO 03/080216 (13) A1

(21) PCT/US03/08374

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 60/365,403 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MOBILE IN-TANK FILTER AND ASSEMBLY THEREFOR

• FILTRE DANS LE RESERVOIR POUR APPLICATIONS HYDRAULIQUES MOBILES, ET ENSEMBLE CORRESPONDANT

(71) **PARKER-HANNIFIN CORPORATION** [US/US]; Legal Department, 6035 Parkland Boulevard, Cleveland, OH 44124-4141 (US).

(72) **CELLA, Albert F.**; 5929 Therfield, Sylvania, OH 43617 (US). **GEMBOLIS, Donald J.**; 2530 Gradwohl, Toledo, OH 43617 (US). **MILLER, Daniel W.**; 4432 Garling Road, Luckey, OH 43443 (US).

(74) **HUNTER, Christopher H.**, et al. / etc.; c/o Parker-Hannifin Corporation, 6035 Parkland Boulevard, Cleveland, OH 44124-4141 (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) 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B01D 35/147, 35/153

(11) WO 03/080217 (13) A1

(21) PCT/US02/31562

(22) 3 Oct/oct 2002 (03.10.2002)

(25) en (26) en

(30) 10/102,027 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • VALVE FOR FLUID FILTER

• SOUPAPE POUR FILTRE A FLUIDE

(71) **ARVIN TECHNOLOGIES, INC.** [US/US]; 2135 West Maple Road, Troy, MI 48084 (US).

(72) **CLINE, L., Steven**; 7081 Lamplighter Drive, Fayetteville, NC 28306 (US).

(74) **REZEK, Richard, A.**; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).

(81) BR 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).

(51)⁷ B01D 39/20

(11) WO 03/080218 (13) A1

(21) PCT/JP03/03321

(22) 19 Mar/mar 2003 (19.03.2003)

(25) ja (26) ja

(30) 2002-83710 25 Mar/mar 2002 JP (25.03.2002)

(30) 2002-354051 5 Dec/déc 2002 JP (05.12.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HONEYCOMB FILTER

• FILTRE EN NID D'ABEILLE

(71) **NGK INSULATORS, LTD.** [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).

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(72, 75) **ITO, Motonari** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **MIZUTANI, Takashi** [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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO

- RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ B01D 39/20, 46/00, F01N 3/02
- (11) WO 03/080219 (13) A1
- (21) PCT/JP03/03601
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ja (26) ja
- (30) 2002-084377 25 Mar/mar 2002 JP
(25.03.2002)
- (30) 2002-084378 25 Mar/mar 2002 JP
(25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FILTER FOR EXHAUST GAS DECON-
TAMINATION
• FILTRE DE DECONTAMINATION DES
GAZ D'ÉCHAPPEMENT
- (71) IBIDEN CO., LTD. [JP/JP]; 1, Kanda-cho
2-chome, Ogaki-shi, Gifu 503-0917 (JP).
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les États désignés sauf US)*
- (72, 75) OHNO, Kazushige [JP/JP]; c/o IBIDEN
CO., LTD., 1-1, Kitakata, Ibigawa-cho,
Ibi-gun, Gifu 501-0601 (JP). TAOKA,
Noriyuki [JP/JP]; c/o IBIDEN CO., LTD.,
1-1, Kitakata, Ibigawa-cho, Ibi-gun, Gifu
501-0601 (JP).
- (74) OGAWA, Junzo et al. / etc.; Kobikikan
Ginza Bldg., 8-9, Ginza 2-chome, Chuo-ku,
Tokyo 104-0061 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
-
- (51)⁷ B01D 45/00, 45/18
- (11) WO 03/080220 (13) A1
- (21) PCT/DE03/01003
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) de (26) de
- (30) 102 13 342.5 26 Mar/mar 2002 DE
(26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • WASHING DEVICE FOR MIST ELIMI-
NATORS
• DISPOSITIF DE LAVAGE POUR SEPA-
RATEURS DE GOUTTES
- (71) MUNTERS EUROFORM GMBH
[DE/DE]; Süsterfeldstr. 65, 52072 Aachen
(DE).
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les États désignés sauf US)*
- (72, 75) WOLF, Hubert [DE/DE]; Dompfaffweg
1, 40668 Meerbusch (DE).
- (74) HAUCK, Hans et al. / etc.; Mörikestr. 18,
40474 Düsseldorf (DE).
- (81) AE AG AL AM AU AZ BA BB BR BY BZ
CA CN CO CR CU DM DZ EC 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 OM PH PL RO RU SD
SG SL TJ TM 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 HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- (51)⁷ B01D 46/24, 46/42
- (11) WO 03/080221 (13) A1
- (21) PCT/EP03/03229
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) en (26) en
- (30) 02076189.6 26 Mar/mar 2002 EP
(26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FILTER ASSEMBLY COMPRISING
FILTER ELEMENTS AND A FILTER
GRID
• ENSEMBLE FILTRANT COMPOSE
D'ÉLEMENTS DE FILTRATION ET
D'UNE GRILLE DE FILTRATION
- (71) SHELL INTERNATIONALE RE-
SEARCH MAATSCHAPPIJ B.V.
[NL/NL]; Carel van Bylandtlaan 30, NL-2596
The Hague (NL).
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les États désignés sauf US)*
- (72, 75) DRIES, Hubertus, Wilhelmus, Alber-
tus [NL/NL]; Badhuisweg 3, NL-1031 CM
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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- (51)⁷ B01D 46/52, 29/07
- (11) WO 03/080222 (13) A1
- (21) PCT/EP02/10782
- (22) 26 Sep/sep 2002 (26.09.2002)
- (25) de (26) de
- (30) 102 13 047.7 22 Mar/mar 2002 DE
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CASSETTE FILTER
• FILTRE A CASSETTE
- (71) CARL FREUDENBERG KG [DE/DE];
Höhnerweg 2-4, 69469 Weinheim (DE).
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- (72, 75) TAPPER, Renate [DE/DE]; Haupt-
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SCHROTH, Thomas [DE/DE]; Ringstrasse

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Leimen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CN CO CR CU CZ DK DM DZ
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 TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ B01D 53/62, 53/74
- (11) WO 03/080223 (13) A1
- (21) PCT/ES03/00118
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) es (26) es
- (30) P200200684 22 Mar/mar 2002 ES
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COMBUSTION METHOD WITH IN-
TEGRATED CO<SB>2</SB> SEPARA-
TION BY MEANS OF CARBONATION
• PROCEDE DE COMBUSTION INTE-
GRANT UNE SEPARATION DE CO2
REALISEE PAR CARBONATATION
- (71) CONSEJO SUPERIOR DE INVESTI-
GACIONES CIENTÍFICAS [ES/ES];
C/Serrano, 117, 28006 MADRID (ES).
CRANFIELD UNIVERSITY [GB/GB];
Cranfield, Cranfield, Bedfordshire MK43
OAL (GB).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) ABANADES GARCÍA, Juan, Car-
los [ES/ES]; Insto. Carboquímica, Con-
sejo Superior de Investigaciones Cientí-
ficas, C/ Miguel Luesma Castan, 4, 50015
ZARAGOZA (ES). OAKEY, John [GB/GB];
Cranfield, Cranfield, Bedfordshire MK43
OAL (GB).
- (74) REPRESA SÁNCHEZ, Domingo; CON-
SEJO SUPERIOR DE INVESTIGACIONES
CIENTÍFICAS, OFICINA DE TRANSFER-
ENCIA DE TECNOLOGÍA, C/Serrano, 113,
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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

- (51)⁷ B01D 59/44, H01J 40/00
 (11) WO 03/080224 (13) A2
 (21) PCT/US03/08339
 (22) 18 Mar/mar 2003 (18.03.2003)
 (25) en (26) en
 (30) 10/101,670 18 Mar/mar 2002 US (18.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • HIGH DYNAMIC RANGE ANALOG-TO-DIGITAL CONVERTER
 • CONVERTISSEUR ANALOGIQUE-NUMERIQUE A PLAGE DYNAMIQUE ELEVEE
 (71) SYAGEN TECHNOLOGY [US/US]; 1411 Warner Avenue, Tustin, CA 92780 (US).
 (72) SYAGE, Jack, A.; 21881 Harbor Breeze Lane, Huntington Beach, CA 92646 (US). HANNING-LEE, Mark, A.; 1362 Walnut #101, Tustin, CA 92780-8218 (US).
 (74) YORKS, Ben, J.; Irell & Manella LLP, Suite 400, 840 Newport Center Drive, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51) B01D 61/00
 (11) WO 03/080225 (13) A1
 (21) PCT/US03/08373
 (22) 18 Mar/mar 2003 (18.03.2003)
 (25) en (26) en
 (30) 60/365,366 18 Mar/mar 2002 US (18.03.2002)
 (30) 60/386,972 6 Jun/juin 2002 US (06.06.2002)
 (30) 60/414,049 27 Sep/sep 2002 US (27.09.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • UPW TREATMENT AND SYSTEM WITH ORGANIC NITROGEN REMOVAL
 • TRAITEMENT ET SYSTEME POUR EAU DE GRANDE PURETE, PAR ELIMINATION D'AZOTE ORGANIQUE
 (71) IONICS, INCORPORATED [US/US]; 65 Grove Street, Watertown, MA 02472 (US).
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 (72, 75) LIN, Juchui, R. [US/US]; 9 Highland Avenue, Bedford, MA 01730 (US). MACDONALD, Russell, J. [US/US]; 24 Bay Street, Wilmington, MA 01887 (US). GODEC, Richard, D. [US/US]; 1038 Spencer Street, Longmont, CO 80516 (US). MELANSON, Paul, [US/US]; 6060 Spine Road, Boulder, CO 80301 (US). CARSON, William, W. [US/US]; 14 Schofield Road, Hopkinton, MA 01748 (US). COSTA, Lawrence, C. [US/US]; 35 Southpark Lane, Mansfield, MA 02048 (US). SUSA, Thomas, J. [US/US]; 444 Ventura Street, Ludlow, MA 01056 (US).
 (74) FALKOFF, Michael, I.; Ionics, incorporated, 65 Grove Street, Watertown, MA 02472 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ B01D 63/00
 (11) WO 03/080226 (13) A1
 (21) PCT/US03/08446
 (22) 19 Mar/mar 2003 (19.03.2003)
 (25) en (26) en
 (30) 60/365,456 19 Mar/mar 2002 US (19.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • CROSS-FLOW FILTRATION CASSETTES AND METHODS FOR FABRICATION OF SAME
 • CASSETTES DE FILTRATION A CONTRE COURANT ET PROCEDES DE FABRICATION DESDITES CASSETTES
 (71) PROTONEX TECHNOLOGY CORPORATION [US/US]; 420 Maple Street #15, Marlborough, MA 01752-6202 (US).
 (72) OSEANAR, Paul; 408 Groton Road, Westford, MA 01886 (US). SABIN, Paul; 14 Hunnewell Street, Needham, MA 02194 (US).
 (74) O'DAY, Christine, C. 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01F 3/04
 (11) WO 03/080228 (13) A1
 (21) PCT/US03/06928
 (22) 6 Mar/mar 2003 (06.03.2003)
 (25) en (26) en
 (30) 60/366,857 19 Mar/mar 2002 US (19.03.2002)
 (30) 60/397,462 19 Jul/juil 2002 US (19.07.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • HOLLOW FIBER MEMBRANE CONTACT APPARATUS AND PROCESS
 • APPAREIL CONTACTEUR A MEMBRANE EN FIBRES CREUSES ET PROCEDE ASSOCIE
 (71) MYKROLIS CORPORATION [US/US]; 129 Concord Road, Billerica, MA 01821-4600 (US).
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 (72, 75) PAREKH, Bipin, S. [US/US]; 2 Kas-traki Place, Chelmsford, MA 01824 (US). PATEL, Rajnikant B. [US/US]; 22 Breckenridge Road, Tewksbury, MA 01876 (US). CHENG, Kwok-Shun [US/US]; 7 Federal Hill Road, Nashua, NH 03062 (US).
 (74) KING, Timothy, J. et al. / etc.; Mykrolis Corporation, 129 Concord Road, Billerica, MA 01821-4600 (US).
 (81) CN JP KR SG US.
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- (51)⁷ B01D 71/80, 71/54, 71/52, 69/12, 53/22
 (11) WO 03/080227 (13) A2
 (21) PCT/IB03/01115
 (22) 20 Mar/mar 2003 (20.03.2003)
 (25) en (26) en

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

(51)⁷ B01J 8/00, 8/06, 19/00, C01B 3/00

(11) WO 03/080229 (13) A1

(21) PCT/EP03/02082

(22) 28 Feb/fév 2003 (28.02.2003)

(25) de (26) de

(30) 102 13 709.9 27 Mar/mar 2002 DE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MEMBRANE REACTOR
• REACTEUR A MEMBRANE

(71) LINDE AKTIENGESELLSCHAFT [DE/DE]; Abraham-Lincoln-Strasse 21, 61589 Wiesbaden (DE).
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(72, 75) LAHNE, Ulrich [DE/DE]; Wolfzorn Strasse 27, 82041 Deisenhofen (DE). MUSCHELKNAUTZ, Sebastian [DE/DE]; Flörnerweg 3, 81479 München (DE). GÖTZ, Reiner [DE/DE]; Jawlenskystrasse 2, 81477 München (DE).

(74) LINDE AKTIENGESELLSCHAFT; Zentrale Patentabteilung, 82049 Höllriegel-skreuth (DE).

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

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

(51)⁷ B01J 8/02

(11) WO 03/080230 (13) A1

(21) PCT/JP03/03591

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 2002-085149 26 Mar/mar 2002 JP (26.03.2002)

(30) 60/368,965 2 Apr/avr 2002 US (02.04.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • REACTION APPARATUS WITH A HEAT-EXCHANGER
• APPAREIL DE RÉACTION À ÉCHANGEUR THERMIQUE

(71) SHOWA DENKO K. K. [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP).

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(72, 75) HOTTA, Masatoshi [JP/JP]; c/o Production & Technology Control, Department, Gases & Chemicals Division, Showa Denko K. K., 5-1, Ogamachi, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0867 (JP).

ATOBE, Hitoshi [JP/JP]; c/o Production & Technology Control, Department, Gases & Chemicals Division, Showa Denko K. K., 5-1, Ogamachi, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0867 (JP).

(74) OHIE, Kunihisa; Ohie Patent Office, Horiguchi No.2 Bldg., 7F, 2-6, Nihonbashi-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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B01J 13/00, A01N 25/04, 59/16, A61K 33/38

(11) WO 03/080231 (13) A1

(21) PCT/SG03/00062

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 10/106,053 27 Mar/mar 2002 US (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COLLOIDAL NANOSILVER SOLUTION AND METHOD FOR MAKING THE SAME
• SOLUTION DE NANOCUIVRE COLLOIDALE ET PROCÉDE DE PRÉPARATION CORRESPONDANT

(71) CC TECHNOLOGY INVESTMENT Co., LTD [CN/CN]; 18/F, Tien Chu Commercial Building, 173-174 Gloucester Road, Wanchai, (CN). SOH, Kar, Liang [SG/SG]; c/o Ella Cheong Mirandah & Sprusons Pte Ltd, 111 North Bridge Road., #22-01 Peninsula Plaza, Singapore 179098 (SG).
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(72, 75) Yan, Jixiong [CN/CN]; Ding Zi Qiao Road 101#, Wuchang District, Wuhan, P.R.C. 430064 (CN). CHENG, Jiachong [CN/CN]; Fang Qun Yuan Yi District, Building 13., Unit 2, Room 404, Beijing, P.R.C. 100078 (CN).

(74) ELLA CHEONG MIRANDAH & SPRUSONS PTE LTD; Robinson Road Post Office, P.O. Box 1531, Singapore 903031 (SG).

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

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

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

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(51)⁷ B01J 19/00, G06F 19/00

(11) WO 03/080232 (13) A1

(21) PCT/EP03/03054

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 60/366,548 22 Mar/mar 2002 US (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHODS AND SYSTEMS FOR DISCOVERY OF CHEMICAL COMPOUNDS AND THEIR SYNTHESSES
• PROCÉDES ET SYSTEMES DESTINÉS A LA DECOUVERTE DE COMPOSES CHIMIQUES ET A LEUR SYNTHÈSE

(71) MORPHOCHEM AKTIENGESELLSCHAFT FÜR KOMBINATORISCHE CHEMIE [DE/DE]; Gmunder Strasse 37-37a, 81379 München (DE).
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(72, 75) ALMSTETTER, Michael [DE/DE]; Wittelsbacher Str. 29, 85051 Ingolstadt (DE). ZEGAR, Peter [DE/DE]; Lauterbachstr. 11, 82538 Geretsried (DE). TREML, Andreas [DE/DE]; Kazmairstr. 37, 80339 München (DE). THORMANN, Michael [DE/DE]; Einsteinstr. 5, 82152 Martinsried (DE). WEBER, Lutz [DE/DE]; Edelweissstrasse 8, 82110 Germering (DE).

(74) FORSTMAYER, Dietmar et al. / etc.; Boeters & Bauer, Bereiteranger 15, 81541 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ B01J 19/00, H01L 23/473, F28D 9/00

(11) WO 03/080233 (13) A1

(21) PCT/EP03/03137

(22) 26 Mar/mar 2003 (26.03.2003)

(25) de (26) de

(30) 102 13 500.2 26 Mar/mar 2002 DE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MICRO-REACTOR AND MICRO-CHANNEL HEAT EXCHANGER
• MICROREACTEUR ET MICRO-ECHANGEUR THERMIQUE

(71, 72) PRECHTL, Peter [DE/DE]; Peter-Putz-Strasse 8, 81241 München (DE).

- (74) WITTE, WELLER & PARTNER et al. / etc.; Postfach 105462, 70047 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ B01J 19/08, B01D 53/44, 53/48, 53/72
- (11) WO 03/080234 (13) A1
- (21) PCT/US03/09089
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) en (26) en
- (30) 60/367,231 25 Mar/mar 2002 US (25.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR ABATEMENT OF VOC IN EXHAUST GASES BY WET PULSE CORONA DISCHARGE
- PROCEDE DE REDUCTION DE COMPOSES ORGANIQUES VOLATILES (COV) DANS DES GAZ D'ECHAPPEMENT PAR EFFET COURONNE A IMPULSIONS HUMIDES

- (71) THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS [US/US]; 1737 West Polk Street (M/C 672), Suite 310 Administration Office Building, Chicago, IL 60612-7227 (US).
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- (74) GAMSON, Edward, P.; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(u) for / pour US only / seulement

- (51)⁷ B01J 20/02
- (11) WO 03/080235 (13) A1
- (21) PCT/KR03/00589
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ko (26) en
- (30) 10-2002-0016299 26 Mar/mar 2002 KR (26.03.2002)
- (30) 10-2002-0078635 11 Dec/déc 2002 KR (11.12.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FLEXIBLE FILM-TYPE DESICCANT BODY FOR ENCLOSED ELECTRONIC DEVICE AND PRODUCTION METHOD OF THE SAME
- CORPS DESSICCANT DE TYPE FEUILLE FLEXIBLE POUR DISPOSITIF ELECTRONIQUE FERME ET SON PROCEDE DE PRODUCTION

- (71, 72) LEE, Byeng-Chul [KR/KR]; Dawon green vill-501, Guro-dong 685-154, Guro-gu, Seoul 152-050 (KR).

- (74) KANG, Yeon-Seung; Kwachon Officetel 601, Pyollang-dong 1-14, Kwachon, Kyonggi-do 427-040 (KR).

- (81) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

- (51)⁷ B01J 20/18, 20/30
- (11) WO 03/080236 (13) A1
- (21) PCT/IB03/00504
- (22) 12 Feb/fév 2003 (12.02.2003)
- (25) en (26) en
- (30) 10/105,876 25 Mar/mar 2002 US (25.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)

- (54) • PROCESS FOR THE PREPARATION OF MOLECULAR SIEVE ADSORBENT FOR SELECTIVE ADSORPTION OF NITROGEN AND ARGON
- PROCEDE POUR L'ELABORATION D'UN ADSORBANT DE TAMIS MOLECULAIRE POUR L'ADSORPTION SELECTIVE D'AZOTE ET D'ARGON

- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, 110 001 New Delhi (IN).
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- (72, 75) SEBASTIAN, Jince [IN/IN]; Central Salt and Marine Chemicals Research Institute, Gijubhai Badhelea Marg, Bhavnagar, 364 002 Gujarat (IN). JASRA, Raksh, Vir [IN/IN]; Central Salt and Marine Chemicals Research Institute, Badhelea Marg, Bhavnagar, 364 002 Gujarat (IN).

- (74) SRINIVASAN, Thiagarajan; Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, 110 062 New Delhi (IN).

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

- RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

- (51)⁷ B01J 20/34
- (11) WO 03/080237 (13) A1
- (21) PCT/JP03/03842
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) ja (26) ja
- (30) 2002-88617 27 Mar/mar 2002 JP (27.03.2002)
- (30) 2002-118405 19 Apr/avr 2002 JP (19.04.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)

- (54) • METHOD FOR REGENERATING ADSORBENT BY HEATING
- PROCEDE DE REGENERATION D'UN ADSORBANT PAR LE RECHAUFFEMENT DE CELUI-CI

- (71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).
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- (72, 75) KOBAYASHI, Satoru [JP/JP]; c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, AIST Tsukuba West, 16-1, Onogawa, Tsukuba-shi, Ibaraki 305-8569 (JP). KIKUKAWA, Nobuyuki [JP/JP]; c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, AIST Tsukuba West, 16-1, Onogawa, Tsukuba-shi, Ibaraki 305-8569 (JP). SUGASAWA, Masami [JP/JP]; c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, AIST Tsukuba West, 16-1, Onogawa, Tsukuba-shi, Ibaraki 305-8569 (JP). YAMAURA, Itsuo [JP/JP]; c/o Shinshu University, 3-15-1, Tokida, Ueda-shi, Nagano 386-8567 (JP).

- (74) IKEURA, Toshiaki; Room 113, Daiichi Nishiwaki Bldg., 58-10, Yoyogi 1-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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

- (51)⁷ B01J 23/60, C01B 3/58, H01M 8/06
- (11) WO 03/080238 (13) A1
- (21) PCT/US03/07521

- (22) 11 Mar/mar 2003 (11.03.2003)
- (25) en (26) en
- (30) 10/100,472 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CATALYST CONTAINING RUTHENIUM AND ZINC OXIDE FOR CO OXIDATION
• CATALYSEUR POUR CO-OXYDATION CONTENANT DU RUTHENIUM ET DE L'OXYDE DE ZINC
- (71) ENGELHARD CORPORATION [US/US]; 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830-0770 (US).
- (72) SHORE, Lawrence; 17 Perry Road, Edison, NJ 08817 (US). RUETTINGER, Wolfgang, F.; 16 Wendover Road, East Windsor, NJ 08520 (US). FERRAUTO, Robert, J.; 7 Lavender Drive, Princeton, NJ 08540 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01J 27/00
- (11) WO 03/080239 (13) A2
- (21) PCT/US03/08001
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) en (26) en
- (30) 60/365,666 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR PREPARING METAL CYANIDE CATALYSTS USING INSOLUBLE METAL SALTS
• PROCEDE POUR PREPARER DES CATALYSEURS AU CYANURE METALLIQUE A L'AIDE DE SELS METALLIQUES INSOLUBLES
- (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) WEHMEYER, Richard, M. [US/US]; 205 Zinnia, Lake Jackson, TX 77566 (US).
- (74) COHN, Gary, C.; Gary C. Cohn PLLC, 4010 Lake Washington Boulevard NE, Suite 105, Kirkland, WA 98033 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01J 27/00
- (11) WO 03/080241 (13) A1
- (21) PCT/US03/07999
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) en (26) en
- (30) 60/366,758 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR PREPARING METAL CYANIDE CATALYST COMPLEXES USING PARTIALLY MISCIBLE COMPLEXING AGENTS
• PROCEDES DE PREPARATION DE COMPLEXES CATALYSEURS AU CYANURE POUR METAUX AU
- MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01J 27/00
- (11) WO 03/080240 (13) A2
- (21) PCT/US03/08406
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 60/366,759 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR PREPARING METAL CYANIDE CATALYSTS USING ZERO VALENT METALS
• PROCEDE POUR PREPARER DES CATALYSEURS A BASE DE CYANURE METALLIQUE AU MOYEN DE METAUX DE VALENCE NULLE
- (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) WEHMEYER, Richard, M. [US/US]; 205 Zinnia, Lake Jackson, TX 77566 (US).
- (74) COHN, Gary, C.; Gary C. Cohn PLLC, 4010 Lake Washington Boulevard NE, Suite 105, Kirkland, WA 98033 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01J 31/08, 31/18, C07C 29/48
- (11) WO 03/080242 (13) A1
- (21) PCT/IN02/00054
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SUPPORTED OSMATES, PROCESS FOR PREPARATION THEREOF, AND PROCESS FOR PREPARATION OF CHIRAL VICINAL DIOLS
• OSMATES SUR SUPPORT, LEUR PROCEDE DE PREPARATION, ET PROCEDE DE PREPARATION DE DIOLS VICINAUX CHIRAUX
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) CHOUDARY, Boyapati, Monoranjan; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). CHOWDARI, Naidu, Sreenivasa; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). KANTAM, Mannepalli, Lakshmi; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). RAGHAVAN, Kondapuram, Vijaya; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN).
- (74) HARIHARAN, Subramaniam et al. / etc.; Subramaniam, Nataraj & Associates, E-556 Greater Kailash II, New Delhi 110 048 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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)⁷ B01J 33/00, C07C 209/48
 (11) WO 03/080243 (13) A1
 (21) PCT/EP03/02637
 (22) 13 Mar/mar 2003 (13.03.2003)
 (25) en (26) en
 (30) 02076170.6 25 Mar/mar 2002 EP (25.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • IN AN AMINE OR NITRILE EMBEDDED PASSIVATED HYDROGENATION CATALYST
 • CATALYSEUR D'HYDROGENATION PASSIVE INCORPORE DANS UNE AMINE OU UN NITRILE
- (71) AKZO NOBEL N.V. [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OTTENS, Thale, Jacob [NL/NL]; Mussenberg 7, NL-7245 NW Laren (Gld) (NL). VAN DEN BERG, Jacobus [NL/NL]; Hoofdstraat 57-I, NL-3781 AB Voorthuizen (NL). VAN POECKE, Paul [NL/NL]; Endepol 46, NL-7241 LG Lochem (NL).
- (74) SCHALKWIJK, Pieter, Cornelis; Akzo Nobel N.V., Intellectual Property Dept. (Dept. AIP), P.O. Box 9300, NL-6800 SB Arnhem (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
-
- (51)⁷ B01J 35/02, 27/135, 27/10, 27/128, 27/132, 37/02, 37/08
 (11) WO 03/080244 (13) A1
 (21) PCT/JP03/03401
 (22) 20 Mar/mar 2003 (20.03.2003)
 (25) ja (26) ja
 (30) 2002-83222 25 Mar/mar 2002 JP (25.03.2002)
 (30) 2002-321101 5 Nov/nov 2002 JP (05.11.2002)
 (30) 2003-12492 21 Jan/jan 2003 JP (21.01.2003)
 (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TITANIUM OXIDE PHOTOCATALYST, PROCESS FOR PRODUCING THE SAME AND APPLICATION
 • PHOTOCATALYSEUR OXYDE DE TITANE, PROCEDE PERMETTANT DE PRODUIRE CE PHOTOCATALYSEUR ET APPLICATION
- (71) SUMITOMO TITANIUM CORPORATION [JP/JP]; 1, Higashihamacho, Amagasaki-shi, Hyogo 660-8533 (JP). SUMITOMO METAL INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OKADA, Katsumi [JP/JP]; c/o SUMITOMO METAL INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). NISHIHARA, Katsuhiko [JP/JP]; c/o SUMITOMO METAL INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). MASAKI, Yasuhiro [JP/JP]; c/o SUMITOMO METAL INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). KAJIMURA, Haruhiko [JP/JP]; c/o SUMITOMO METAL INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). TAKAHASHI, Michiyasu [JP/JP]; c/o SUMITOMO METAL INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). YAO, Tadashi [JP/JP]; c/o SUMITOMO METAL INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). OGASAWARA, Tadashi [JP/JP]; c/o SUMITOMO TITANIUM CORPORATION, 1, Higashihamacho, Amagasaki-shi, Hyogo 660-8533 (JP). WATANABE, Munetoshi [JP/JP]; c/o SUMITOMO TITANIUM CORPORATION, 1, Higashihamacho, Amagasaki-shi, Hyogo 660-8533 (JP). SHIMOSAKI, Shinji [JP/JP]; c/o SUMITOMO TITANIUM CORPORATION, 1, Higashihamacho, Amagasaki-shi, Hyogo 660-8533 (JP). ODA, Kouji [JP/JP]; c/o SUMITOMO TITANIUM CORPORATION, 1, Higashihamacho, Amagasaki-shi, Hyogo 660-8533 (JP). NAGAOKA, Sadanobu [JP/JP]; c/o SUMITOMO TITANIUM CORPORATION, 1, Higashihamacho, Amagasaki-shi, Hyogo 660-8533 (JP).
- (74) HIROSE, Shoichi; Tozan Building, 4-2, Nihonbashi Honcho 4-chome, Chuo-ku, Tokyo 103-0023 (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 KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01J 35/04, F01N 3/02, 3/28, B01D 53/56, 39/14, 39/20
 (11) WO 03/080245 (13) A1
 (21) PCT/JP03/01504
 (22) 13 Feb/fév 2003 (13.02.2003)
 (25) ja (26) ja
 (30) 2002-88036 27 Mar/mar 2002 JP (27.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
- (71) HONEYCOMB STRUCTURAL BODY, METHOD OF MANUFACTURING THE STRUCTURAL BODY, AND CATALYST BODY USING THE STRUCTURAL BODY
 • CORPS STRUCTURAL ALVEOLAIRE, PROCEDE DE FABRICATION DE CE CORPS STRUCTURAL, ET CORPS CATALYTIQUE UTILISANT LEDIT CORPS STRUCTURAL
- (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) ICHIKAWA, Yukihito [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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B01L 3/00
 (11) WO 03/080246 (13) A1
 (21) PCT/FR03/00958
 (22) 26 Mar/mar 2003 (26.03.2003)
 (25) fr (26) fr
 (30) 02/3786 26 Mar/mar 2002 FR (26.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DEVICE AND COVER PROVIDING ACCESS TO SAMPLES IN A SAMPLE PLATE
 • DISPOSITIF ET COUVERCLE PERMETTANT L'ACCES AUX ECHANTILLONS D'UNE "PLAQUE" D'ECHANTILLONNAGE
- (71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) [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) BENECH, Philippe [FR/FR]; 59 Rue Berlioz, F-13006 MARSEILLE (FR).
- (74) MICHELET, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (b)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B01L 7/02, 11/02, 11/00, G01N 1/14

(11) WO 03/080247 (13) A1

(21) PCT/EP03/02915

(22) 20 Mar/mar 2003 (20.03.2003)

(25) de (26) de

(30) 102 13 039.6 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR COOLING A SAMPLER
• DISPOSITIF DE REFRROIDISSEMENT POUR SYSTEME DE PRELEVEMENT D'ÉCHANTILLONS

(71) ENDRESS + HAUSER WETZER GMBH + CO. KG [DE/DE]; Obere Wank 1, 87484 Nesselwang (DE).

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

(72, 75) DANGELMAIER, Peter [DE/DE]; Hof 7, 87487 Wiggensbach (DE). DIETRICH, Peter [DE/DE]; Brunnerstrasse 25, 80804 München (DE).

(74) ANDRES, Angelika; c/o 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B02B 3/00, 1/00, A23L 1/182

(11) WO 03/080248 (13) A1

(21) PCT/IB02/01081

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DECORTICATED FINGER MILLET (ELEUSINE CORACANA) AND PROCESS FOR ITS PREPARATION
• MIL ROUGE DECORTIQUE (ELEUSINE CORACANA) ET SON PROCÉDE DE PREPARATION

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

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

(72, 75) MALLESHI, Nagappa, Gurusiddappa [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN).

(74) GABRIEL, DEVADOSS, CALAB, KUMARAN & SAGAR; 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).

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

(84) AP (GH GM 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 : (a)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT 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 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)⁷ B02C 18/14, 18/18, 18/16

(11) WO 03/080249 (13) A1

(21) PCT/EP03/03038

(22) 24 Mar/mar 2003 (24.03.2003)

(25) de (26) de

(30) 2002/0520-02 25 Mar/mar 2002 CH (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CRUSHING DEVICE
• DISPOSITIF DE BROYAGE

(71) ALPINIT PATENTVERWERTUNGS-ANSTALT [LI/LI]; Taleze 38, FL-9496 Balzers (LI).

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

(72, 75) BÖSCH, Donat [LI/LI]; Taleze 38, FL-9496 Balzers (LI). BACHMANN, Philippe [CH/CH]; CH-1420 Fiez (CH).

(74) BÜCHEL, KAMINSKI & PARTNER; Austrasse 79, FL-9490 Vaduz (LI).

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

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

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

Published / Publiée : (c)

(51)⁷ B04B 9/12

(11) WO 03/080250 (13) A1

(21) PCT/EP03/02752

(22) 17 Mar/mar 2003 (17.03.2003)

(25) de (26) de

(30) 102 12 808.1 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SEPARATOR WITH A HYDROHERMETICALLY SEALED SPINDLE

• SEPARATEUR PRESENTANT UN AXE A ETANCHEITE HYDROHERMETIQUE

(71) WESTFALIA SEPARATOR AG [DE/DE]; Werner-Habig-Strasse 1, 59302 Oelde (DE).

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

(72, 75) MOSS, Reinhard [DE/DE]; Hoest 19, 59320 Ennigerloh (DE).

(74) SPECHT, Peter et al. / etc.; Jöllenecker Strasse 164, 33613 Bielefeld (DE).

(81) AU JP US.

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

(51)⁷ B04B 11/02

(11) WO 03/080251 (13) A1

(21) PCT/SE03/00110

(22) 23 Jan/jan 2003 (23.01.2003)

(25) en (26) en

(30) 0200872-0 21 Mar/mar 2002 SE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CENTRIFUGAL SEPARATOR

• SEPARATEUR CENTRIFUGE

(71) ALFA LAVAL CORPORATE AB [SE/SE]; Rudeboksvägen 3, S-221 00 Lund (SE).

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

(72, 75) BORGSTRÖM, Leonard [SE/SE]; Rönnbärsvägen 8, S-135 42 Tyresö (SE). CARLSSON, Claes-Göran [SE/SE]; Skogshemsvägen 63 B, S-146 36 Tullinge (SE). FRANZÉN, Peter [SE/SE]; Månstorpstorsvägen 22, S-145 45 Tullinge (SE).

INGE, Claes [SE/SE]; Kristinavägen 15, S-131 50 Saltsjö-Duvnäs (SE). LAGERSTEDT, Torgny [SE/SE]; Döbelngatan 89, S-113 52 Stockholm (SE). MOBERG, Hans [SE/SE]; Björngårdsgatan 16 B, S-118 52 Stockholm (SE). SZEPPESSY, Stefan [SE/SE]; Byfogdevägen 8, S-141 39 Hud-dinge (SE).

(74) CLIVEMO, Ingemar; Alfä Laval Corporate AB, Hans Stahles väg, S-147 80 Tumba (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model /

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

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

(51)⁷ B04C 5/081

(11) WO 03/080252 (13) A1

(21) PCT/GB03/01057

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 02358003.8 19 Mar/mar 2002 EP (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SEPARATION OF GASES AND SOLIDS USING A CYCLONE
• SEPARATION DE GAZ ET DE SOLIDES AU MOYEN D'UN CYCLONE

(71) BP CHEMICALS LIMITED [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB).

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

(72, 75) REILING, Vince [FR/FR]; 308 Chemin des Gandons, F-13126 Vauvenargues (FR).

(74) PREECE, Michael; BP International Limited, Chertsey Road, Sunbury-on-Thames, Middlesex TW16 7LN (GB).

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

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

Declarations / Déclarations :

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

(51)⁷ B04C 5/081, 5/04

(11) WO 03/080253 (13) A1

(21) PCT/GB03/01072

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 02358004.6 19 Mar/mar 2002 EP (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SEPARATION OF GASES AND SOLIDS USING A CYCLONE
• SEPARATION DE GAZ ET DE SOLIDES AU MOYEN D'UN CYCLONE

(71) BP CHEMICALS LIMITED [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB).

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(72, 75) REILING, Vince [FR/FR]; 306 Chemin des Gandons, F-13126 Vauvenargues (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 IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declarations / Déclarations :

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

(51)⁷ B05B

(11) WO 03/080254 (13) A2

(21) PCT/US03/08578

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/366,205 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SPRAY GUN CLEANING ARRANGEMENTS
• SYSTEMES DE NETTOYAGE A PISTOLET-PULVERISATEUR

(71) NORDSON CORPORATION [US/US]; 28601 Clemens Road, Westlake, OH 44145 (US).

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(72, 75) SCHROEDER, Joseph, G. [US/US]; 11988 Firefly Drive, Noth Royalton, OH 44133 (US). MATHER, Brian, D. [US/US]; 27396 Nantucket Drive, North Olmsted, Ohio 44070 (US). SHUTIC, Jeffrey, R. [US/US]; 11809 Clary Road, Wakeman, OH 44889 (US). GACKA, Mark [US/US]; 1464 Lewis Drive, Lakewood, OH 44107 (US).

(74) LEWIS, Leonard, L.; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B05B 7/20, 7/22, C23C 24/04, 4/12

(11) WO 03/080255 (13) A1

(21) PCT/CA03/00368

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 10/103,138 22 Mar/mar 2002 US (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • NOZZLE FOR THERMAL SPRAY OF LOW OXIDE CONTENT COATINGS
• TUYERE POUR PULVERISATION THERMIQUE D'ENDUITS A FAIBLE TENEUR EN OXYDE

(71, 72) MOSTAGHIMI, Javad [CA/CA]; 1698 Kentchester Place, Mississauga, Ontario L5N 7S7 (CA). DOLATABADI, Ali [CA/CA]; 66 Broadway Ave., Apt. #904, Toronto, Ontario M4P 1T6 (CA). PERSHIN, Valerian [CA/CA]; 49 Mineola Rd. East, Mississauga, Ontario L5G 2E4 (CA).

(74) HILL & SCHUMACHER; 87 Falcon Street, Toronto, Ontario M4S 2P4 (CA).

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

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

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

Published / Publiée : (c)

(51)⁷ B05B 7/28

(11) WO 03/080256 (13) A1

(21) PCT/AU03/00375

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) PS 1347 26 Mar/mar 2002 AU (26.03.2002)

(30) 27244/2003 4 Feb/fév 2003 JP (04.02.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CONTROL DEVICE FOR DISPERSING A LIQUID IN A FLUID
• DISPOSITIF DE COMMANDE DE DISPERSION D'UN LIQUIDE DANS UN FLUIDE

(71) SPATTER SHIELD (AUST) PTY LTD [AU/AU]; 21 Capelli Road, Wingfield, South Australia 5013 (AU).

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(72, 75) VAVRA, Antonin [AU/AU]; 10 Baru Street, Pooraka, South Australia 5095 (AU).

(74) PHILLIPS ORMONDE & FITZ-PATRICK; 367 Collins Street, Melbourne, Victoria 3000 (AU).

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

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

(51)⁷ B05B 12/12

(11) WO 03/080257 (13) A1

(21) PCT/US03/06603

(22) 4 Mar/mar 2003 (04.03.2003)

(25) en (26) en

(30) 10/103,498 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SINGLE LASER BEAM POSITIONING SYSTEM FOR SPRAY GUNS
• SYSTEME DE POSITIONNEMENT DE FAISCEAU LASER SIMPLE POUR PISTOLETS VAPORISATEURS

(71) LASER TOUCH & TECHNOLOGIES, LLC [US/US]; 129 Plaza Circle, Waterloo, IA 50704 (US).

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(72, 75) HORAN, Nicholas, R. [US/US]; 4316 Rownd Street, Cedar Falls, IA 50613 (US). HORAN, Christopher, M. [US/US]; 423

Wheeler Drive, Waterloo, IA 50701 (US). HORAN, Scott, J. [US/US]; 1723 Kimball Avenue, Waterloo, IA 50702 (US).

(74) MCCONNELL, Andrew, S.; Boyle, Fredrickson, Newholm, Stein & Gratz, S.C., 250 East Wisconsin Avenue, Suite 1030, Milwaukee, WI 53202 (US).

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

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

(51)⁷ B05D

(11) WO 03/080258 (13) A2

(21) PCT/GB03/01257

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 0206930.0 23 Mar/mar 2002 GB (23.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR THE FORMATION OF HYDROPHOBIC SURFACES
• PROCEDE ET APPAREIL PERMETTANT LA FORMATION DE SURFACES HYDROPHOBES

(71) UNIVERSITY OF DURHAM [GB/GB]; Old Shire Hall, Old Elvet, Durham DH1 3HP (GB).

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(72, 75) BADYAL, Jas, Pal, Singh [GB/GB]; Redgate House, Wolsingham, County Durham DL13 3HH (GB). WOODWARD, Iain, Stuart [GB/GB]; Parkend Cottage, Danby, Whitby, North Yorkshire YO21 2NE (GB).

(74) BAILEY WALSH & CO; 5 York Place, Leeds LS1 2SD (GB).

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

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

(51)⁷ B05D 3/04, 3/14, C08J 7/18, A61L 15/60

(11) WO 03/080259 (13) A1

(21) PCT/GB03/01220

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en

(26) en

(30) 0206932.6 23 Mar/mar 2002 GB (23.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PREPARATION OF SUPERABSORBENT MATERIALS BY PLASMA MODIFICATION

• PREPARATION DE MATERIAUX SUPERABSORBANTS PAR MODIFICATION DU PLASMA

(71) UNIVERSITY OF DURHAM [GB/GB]; Old Shire Hall, Old Elvet, Durham City DH1 3HP (GB).

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

(72, 75) BADYAL, Jas, Pal, Singh [GB/GB]; Redgate House, Wolsingham, County Durham DL13 3HH (GB). SCHOFIELD, Wayne, Christopher, Edward [GB/GB]; 23 Downsfield Road, Marlston-cum-Lache, Chester CH4 8HH (GB).

(74) BAILEY WALSH & CO; 5 York Place, Leeds LS1 2SD (GB).

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

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

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(51)⁷ B07B 1/46, A23F 3/00

(11) WO 03/080260 (13) A1

(21) PCT/IB02/01160

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A CONTINUOUS TYPE MULTIPURPOSE TEA SHOOT SORTER

• TRIEUSE DE POUSSÉS DE THE MULTIFONCTIONNELLE, DU TYPE EN CONTINU

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

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

(72, 75) DESIKACHAR, Ravindranath, Srigiripuram [IN/IN]; Institute of Himalayan Bioresource Technology, Palampur, Himachal Pradesh 176 061 (IN). SINGH, Krishna, Kumar [IN/IN]; Institute of Himalayan Bioresource Technology, Palampur, Himachal Pradesh 176 061 (IN).

(74) GABRIEL, DEVAOSS, CALAB; Kumanan & Sagar, 84-C, C6 Lane, (Off Central Avenue), Sainik Farms, New Delhi 110 062 (IN).

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

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

(84) AP (GH GM 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)⁷ B08B 3/08, C23G 5/00

(11) WO 03/080261 (13) A1

(21) PCT/ES03/00107

(22) 11 Mar/mar 2003 (11.03.2003)

(25) es (26) es

(30) P 200200667 21 Mar/mar 2002 ES
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD OF CLEANING CONTAINERS
AND PIPING SYSTEMS WHICH
ARE CONTAMINATED WITH OR-
GANIC SUBSTANCES THROUGH THE
APPLICATION OF VAPOUR-PHASE
SOLVENTS

• PROCEDE DE NETTOYAGE DE RECIPIENTS
ET DE CIRCUITS DE TUYAU-
TERIE CONTAMINES PAR DES SUB-
STANCES ORGANIQUES, PAR APPLI-
CATION DE SOLVANTS EN PHASE
GAZEUSE

(71, 72) FONTECHA CUETOS, Evaristo
[ES/ES]; C/Narciso Cuevas, 17, 3^aDcha.,
E-39010 Santander (ES).

(74) ISERN CUYAS, Ma. Luisa; Travesera de
Gracia, 30-1^aC, E-08021 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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B08B 5/02, H01L 21/302

(11) WO 03/080262 (13) A1

(21) PCT/CN02/00196

(22) 25 Mar/mar 2002 (25.03.2002)

(25) zh (26) zh

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A CHEMICAL ETCHING PROCESS
AND SYSTEM

• PROCEDE ET SYSTEME RELATIFS A
L'ATTAQUE CHIMIQUE

(71, 72) WANG, Yi-Cheng [CN/CN]; 4F-3, N^o3,
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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 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)⁷ B09C

(11) WO 03/080263 (13) A2

(21) PCT/US03/07998

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 60/365,570 18 Mar/mar 2002 US
(18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYSTEMS AND METHODS FOR THE
ON-SITE TREATMENT AND DIS-
POSAL OF CONTAMINATED SOILS
AND SEDIMENTS

• SYSTEMES ET PROCEDES POUR
LE TRAITEMENT SUR SITE ET DE-
POT DE SOLS ET DES SEDIMENTS
GAZEUSES

(71, 72) CASH, Alan, Brian [US/US]; 5033
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(74) NYDEGGER, Neil, K. et al. / etc.; Ny-
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

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

(51)⁷ B09C 1/08, C02F 1/72 // (C02F 1/72,
101:32, 101:36, 103:06)

(11) WO 03/080264 (13) A1

(21) PCT/SE03/00511

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 0200964-5 27 Mar/mar 2002 SE
(27.03.2002)

(30) 60/367,477 27 Mar/mar 2002 US
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A SOIL DECONTAMINATION
METHOD

• PROCEDE DE DECONTAMINATION
DU SOL

(71) PNB ENTREPRENAD AB [SE/SE]; Box
21051, S-200 21 Malmö (SE).

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

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

(51)⁷ B21B 37/46

(11) WO 03/080265 (13) A1

(21) PCT/RU03/00102

(22) 19 Mar/mar 2003 (19.03.2003)

(25) ru (26) ru

(30) 2002107152 22 Mar/mar 2002 RU
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR SETTING THE SPEED
MODE FOR A CONTINUOUS HOT
ROLLING MILL TRAIN WITH MIN-
IMUM TENSION IN THE SPACE BE-
TWEEN MILLS

• PROCEDE DE REGLAGE DU REGIME
DE VITESSE DE FONCTIONNEMENT
DU GROUPE ININTERROMPU DE
TRAINS D'UN LAMINOIR A CHAUD
PERMETTANT D'ASSURER UNE
TENSION MINIMALE DANS LES IN-
TERVALLES ENTRE LES TRAINS

(71) "SLOT", LTD. [RU/RU]; ul. Metallurgov,
11-2, Cherepovets, Volgogradskaya obl.,
162606 (RU).

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

(72, 75) BURKOV, Vladimir Vasilyevich
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povets, Volgogradskaya obl., 162601 (RU).
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(74) ANDRUSHCHAK, Galina Nikolaevna;
Joint-Stock Company "Patent Attorney", ul.
Aviamotornaya, 53, Moscow, 111250 (RU).

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

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

(51)⁷ B21C 25/10

(11) WO 03/080266 (13) A1

(21) PCT/JP03/03690

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 2002-86296 26 Mar/mar 2002 JP (26.03.2002)

(30) 60/374,521 23 Apr/avr 2002 US (23.04.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR PROCESSING METAL MOLDING MEMBER HAVING FINE CONFIGURATION, METHOD FOR MANUFACTURING METAL MOLDING MEMBER, EXTRUSION DIE, METHOD FOR MANUFACTURING EXTRUDED MEMBER, AND EXTRUDED MEMBER

• PROCEDE DE TRAITEMENT D'UN ELEMENT DE MOULAGE DE METAUX PRESENTANT UNE FORME FINE, PROCEDE DE FABRICATION DUDIT ELEMENT DE MOULAGE DE METAUX, FILIERE D'EXTRUSION, PROCEDE DE FABRICATION D'UN ELEMENT EXTRUDE ET LEDIT ELEMENT EXTRUDE

(71) SHOWA DENKO K.K. [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8513 (JP).

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

(72, 75) HIRAMOTO, Kimihisa [JP/JP]; c/o Oyama Regional Office, Showa Denko k.k., 480, Inuzuka 1-chome, Oyama-shi, Tochigi 323-0811 (JP). HAMANO, Hidemitsu [JP/JP]; c/o Oyama Regional Office, Showa Denko k.k., 480, Inuzuka 1-chome, Oyama-shi, Tochigi 323-0811 (JP).

(74) SHIMIZU, Hisayoshi et al. / etc.; Idemitsu Nagahori Bldg., 4-26, 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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

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(51)⁷ B21D 5/04

(11) WO 03/080267 (13) A1

(21) PCT/JP03/01983

(22) 24 Feb/fév 2003 (24.02.2003)

(25) ja (26) ja

(30) 2002-84577 25 Mar/mar 2002 JP (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PRESSER DIE EXCHANGING DEVICE IN PLATE BENDING MACHINE
• DISPOSITIF D'ECHANGE DE MATRICE DE PRESSE DANS UNE MACHINE A CINTRER LES TOLES

(71) KYOWA MACHINE CO., LTD. [JP/JP]; 795, Toidekasuga, Takaoka-shi, Toyama 939-1112 (JP).

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

(72, 75) IKEDA, Toshio [JP/JP]; 1065, Daigo, Takaoka-shi, Toyama 939-1131 (JP).

(74) OTANI, Kaichi; 10-14, Nakagawakamimachi, Takaoka-shi, Toyama 933-0043 (JP).

(81) JP US.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B21D 55/00, B30B 15/00, 15/14, 15/16, 15/26, F16P 3/00, 3/14

(11) WO 03/080268 (13) A1

(21) PCT/AU03/00372

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) PS 1409 27 Mar/mar 2002 AU (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MULTIPLE LASER SAFETY SYSTEM
• SYSTEME DE SECURITE A MULTIPLES LASERS

(71) LAZER SAFE PTY LTD. [AU/AU]; 27 Action Road, Malaga, W.A. 6090 (AU).

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

(72, 75) APPLEYARD, Robert [AU/AU]; 12 Carron Rise, Hillarys, W.A. 6025 (AU).

(74) WATERMARK PATENT & TRADE-MARK ATTORNEYS; Level 21, Allendale Square, 77 St Georges Terrace, Perth, W.A. 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 NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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

(51)⁷ B21F 15/00, F03G 7/06, F16G 11/02

(11) WO 03/080269 (13) A1

(21) PCT/US03/08223

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 10/105,036 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SHAPE MEMORY ALLOY TENDON WITH SWAGED ENDS

• TENDON EN ALLIAGE A MEMOIRE DE FORME COMPRENANT DES EXTREMITES RETREINTES

(71) THE BOEING COMPANY [US/US]; P.O. Box 3707, M/S 13-08, Seattle, WA 98124-2207 (US).

(72) DUNNE, James, P.; 293 Portwind Place, Ballwin, MO 63031 (US). HOPKINS, Mark, A.; 1020 Shafor Blvd., Dayton, OH 45419 (US). KILIAN, Kevin, J.; 640 N. Woodlawn Avenue, Kirkwood, MO 63122 (US). PITT, Dale, M.; 8507 Maylor, Afton, MO 63123 (US). WHITE, Edward, V.; 10 Wolf Ridge Court, Street, Charles, MO 63303 (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 NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ B21J 15/02, 15/12, F16B 19/06, 5/04

(11) WO 03/080270 (13) A1

(21) PCT/EP03/03206

(22) 27 Mar/mar 2003 (27.03.2003)

(25) de (26) de

(30) 102 13 793.5 27 Mar/mar 2002 DE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD, DEVICE AND AUXILIARY JOINING ELEMENT FOR JOINING AT LEAST TWO PARTS

• PROCEDE, DISPOSITIF ET ELEMENT JOINT AUXILIAIRE DESTINES A L'ASSEMBLAGE D'AU MOINS DEUX COMPOSANTS

(71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Leonrodstr. 54, 80636 München (DE).

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

(72, 75) MAUERMANN, Reinhard [DE/DE]; Pohlandstrasse 12, 01309 Dresden (DE). JESCHE, Fred [DE/DE]; Zum Flugplatz 3a, 01723 Mohorn (DE). DIETRICH, Stephan [DE/DE]; Würzburger Strasse 43, 01187 Dresden (DE). LACHMANN, Lutz [DE/DE]; Eppendorfer Weg 32, 01189 Dresden (DE).

(74) GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER; Maximilianstrasse 58, 80538 München (DE).

(81) JP US.

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

Published / Publiée : (c)

(51)⁷ B21K 1/30

(11) WO 03/080271 (13) A1

(21) PCT/DE03/01005

(22) 26 Mar/mar 2003 (26.03.2003)

(25) de (26) de

(30) 102 13 509.6 26 Mar/mar 2002 DE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR PRODUCING AN ANNULAR ELEMENT COMPRISING AN INNER TOOTHING, ESPECIALLY A SLIDING SLEEVE, AND DEVICE FOR CARRYING OUT THE METHOD
• PROCEDE DE PRODUCTION D'UNE PIECE ANNULAIRE DOTEE D'UNE DENTURE INTERNE, NOTAMMENT D'UN BALADEUR, ET DISPOSITIF CORRESPONDANT

(71) NEW FORM TEC GMBH [DE/DE]; Wilhelm-Zangen-Str.9, 77756 Hausach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KÖRNER, Ekkehard [DE/DE]; David Späth Weg 32, 73033 Göppingen (DE). RÖSEMANN, Michael [DE/DE]; Hauptstrasse 80, 77756 Hausach (DE).

(74) HAFT, VON PUTTKAMER, BERNGRUBER, CZYBULKA, KARAKATSANIS; Franziskanerstrasse 38, 81669 München (DE).

(81) JP US.

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

(51)⁷ B22C 9/12, 9/10

(11) WO 03/080272 (13) A1

(21) PCT/US02/39110

(22) 6 Dec/déc 2002 (06.12.2002)

(25) en (26) en

(30) 10/101,439 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR MAKING A SAND CORE WITH AN IMPROVED HARDENING RATE

• PROCEDE ET APPAREIL DE FABRICATION D'UNE CAROTTE DE SABLE AVEC UN TAUX DE DURCISSEMENT AMELIORE

(71) HORMEL FOODS CORPORATION [US/US]; 1 Hormel Place, Austin, MN 55912-3680 (US).

(72) HERREID, Richard, M.; 1402 27th Street Northwest, Austin, MN 55912 (US). YUNOVICH, Yuliy, M.; 300 1st Avenue Northeast, Austin, MN 55912 (US). EASTMAN, Jeremy, D.; 1511 8th Avenue Northwest, Austin, MN 55912 (US).

(74) MAU, Michael, L.; IPLM Group, P.A., P.O. Box 18455, Minneapolis, MN 55418 (US).

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

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

(51)⁷ B22D 11/06, 11/00, 11/12, 11/18

(11) WO 03/080273 (13) A1

(21) PCT/JP03/03891

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(30) 2002-87702 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD OF MANUFACTURING AUSTENITIC STAINLESS STEEL SHEET CAST PIECE

• PROCEDE DE FABRICATION DE TOLE MOULEE EN ACIER INOXYDABLE AUSTENITIQUE

(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) MIYAZAKI, Masafumi [JP/JP]; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). INOUE, Shuichi [JP/JP]; C/O NIPPON STEEL CORPORATION HIKARI WORKS, 3434, Oaza-Shimata, Hikari-shi, Yamaguchi 743-8510 (JP). NISHIMURA, Toshikazu [JP/JP]; C/O NIPPON STEEL CORPORATION HIKARI WORKS, 3434, Oaza-Shimata, Hikari-shi, Yamaguchi 743-8510 (JP). INOUE, Hiroshige [JP/JP]; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (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 KR US.

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

Published / Publiée : (b)

(51)⁷ B22D 41/22, 41/38, 41/28

(11) WO 03/080274 (13) A1

(21) PCT/EP03/03006

(22) 22 Mar/mar 2003 (22.03.2003)

(25) de (26) de

(30) 0513/02 25 Mar/mar 2002 CH (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR OPERATING A SLIDING GATE, AND SLIDING GATE

• PROCEDE POUR FAIRE FONCTIONNER UN SYSTEME DE FERMETURE COULISSANT ET SYSTEME DE FERMETURE COULISSANT

(71) STOPINC AKTIENGESELLSCHAFT [CH/CH]; Dipl.-Ing. Willi Luchs, Bösch 83a, CH-6331 Hünenberg (CH).

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

(72, 75) GERBER, Pierre [CH/CH]; Zur Brunnenstube 2, CH-8914 Aeugst am Albis (CH). BASLER, Urs [CH/CH]; Brühlstrasse 6c, CH-6415 Arth (CH).

(74) LUCHS, Willi; c/o Stopinc Aktiengesellschaft, Bösch 83a, CH-6331 Hünenberg (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B22F 9/14, C01B 21/076, C23C 4/10

(11) WO 03/080275 (13) A2

(21) PCT/GB03/01250

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 0206906.0 23 Mar/mar 2002 GB (23.03.2002)

(30) 0216712.0 17 Jul/juil 2002 GB (17.07.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • POWDER AND COATING FORMATION METHOD AND APPARATUS

• PROCEDE ET APPAREIL DE PRODUCTION DE POUDRES ET DE REVETEMENTS

(71) **METAL NONPOWDERS LIMITED** [GB/GB]; 39/40 Calthorpe Road, Edgbaston, Birmingham B15 1TS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHANG, Isaac, Tsz, Hong** [GB/GB]; 65 Foxes Meadow, Cotteridge, Birmingham B30 1BQ (GB).

(74) **WARD, David, Ian et al.** / etc.; Marks & Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (GB).

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

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

Declarations / Déclarations :

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

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

(51)⁷ B23B 5/16

(11) WO 03/080276 (13) A1

(21) PCT/EP03/03082

(22) 25 Mar/mar 2003 (25.03.2003)

(25) de (26) de

(30) 102 13 730.7 26 Mar/mar 2002 DE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR PLANING TUBES MADE FROM PLASTIC

• DISPOSITIF DE RABOTAGE DE TUYAUX EN PLASTIQUE

(71) **FRIATEC AKTIENGESELLSCHAFT** [DE/DE]; Steinzeugstrasse 50, 68229 Mannheim (DE).

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

(72, 75) **BAIER, Ralf** [DE/DE]; Sufflenheimer Str. 16, 68229 Mannheim (DE). **HAGER, Martin** [DE/DE]; Vordergasse 5a, 69493 Hirschberg (DE).

(74) **REBLE, KLOSE & SCHMITT**; Postfach 12 15 19, 68066 Mannheim (DE).

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

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

Published / Publiée : (c)

(51)⁷ B23B 45/00 // B23C 1/20

(11) WO 03/080277 (13) A1

(21) PCT/SE03/00467

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 10/103,623 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ORBITAL HAND TOOL APPARATUS FOR DRILLING
• APPAREIL ORBITAL PORTATIF A PERCER

(71) **NOVATOR AB** [SE/SE]; Stormbyvägen 6, S-163 55 Spånga (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BJÖRK, Erik** [SE/SE]; Uppgårdsvägen 50, S-163 51 Spånga (SE). **STUXBERG, Mats** [SE/SE]; Mäster Henriks Allé 3 C, S-192 74 Sollentuna (SE). **WIKLUND, Marcus** [SE/SE]; Lyckselevägen 35, S-162 67 Vällingby (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B23B 47/28

(11) WO 03/080278 (13) A1

(21) PCT/GB03/01216

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 0206647.0 21 Mar/mar 2002 GB (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DRILLING JIG

• GABARIT DE PERÇAGE

(71, 72) **BLESSLEY, Susan, Gillian** [GB/GB]; Whatley Cottage, Whatley, Winsham, Chard, Somerset TA20 4JS (GB). **QUINN, Andrew, David** [GB/GB]; Whatley Cottage, Whatley, Winsham, Chard, Somerset TA20 4JS (GB).

(74) **CLAISSE, John, Anthony**; John Claisse & Co, 97 Portway, Wells, Somerset BA5 2BR (GB).

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

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

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(51)⁷ B23C 5/00

(11) WO 03/080279 (13) A1

(21) PCT/SE03/00450

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 0200866-2 21 Mar/mar 2002 SE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TOOL FOR CHIP REMOVING MACHINING AND ROTATABLE CUTTING INSERT FOR SUCH TOOL

• OUTIL DESTINE A UNE MACHINE A FRAISER ET INSERT TRANCHANT ROTATIF POUR CE TYPE D'OUTIL

(71) **SANDVIK AKTIEBOLAG** [SE/SE]; S-811 81 Sandviken (SE).

(72) **ARVIDSSON, Peder**; Ruddammsgatan 38, S-803 11 Gävle (SE).

(74) **BENTON, Richard**; Sandvik Aktiebolag, Intellectual Property, S-811 81 Sandviken (SE).

(81) CN JP KR.

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

(51)⁷ B23C 5/20

(11) WO 03/080280 (13) A1

(21) PCT/SE03/00444

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 0200867-0 21 Mar/mar 2002 SE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TOOL AND CUTTING INSERT FOR CHIP REMOVING MACHINING

WITH CONNECTING SURFACES BETWEEN HOLDER AND INSERT WITH RIDGE AND GROOVES IN SHAPE OF CURVES

- OUTIL ET INSERT TRANCHANT DESTINES A UNE MACHINE A FRAISER, COMPORTANT DES SURFACES DE CONTACT SITUEES ENTRE LE PORTE-OUTIL ET L'INSERT COMPRENANT UNE NERVURE ET UNE RAINURE COURBES

(71) SANDVIK AB [SE/SE]; S-811 81 Sandviken (SE).

(72) ARVIDSSON, Peder; Ruddammgatan 38, S-803 11 Gävle (SE).

(74) BENTON, Dick; Sandvik Aktiebolag, Intellectual Property, S-811 81 Sandviken (SE).

(81) CN JP KR.

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

(51)⁷ B23D 57/00

(11) WO 03/080281 (13) A1

(21) PCT/US03/08190

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/365,999 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • VARIABLE TOOTH SAW BLADE

- LAME DE SCIE A DENTS VARIABLES

(71) OLDHAM SAW COMPANY, INC. [US/US]; 4 The Professional Dr., West Jefferson, NC 28694 (US).

(72) LOWDER, Jeremy, A.; 220 Eric Lane, F-26, Boone, NC 28607 (US). VILAGI, Scott, A.; 161 Charles Ave., Amherst, OH 44001 (US).

(74) SEBOLT, Joseph, A.; Sand & Sebolt, Aegis Tower, Suite 1100, 4940 Munson St. NW, Canton, OH 44718 (US).

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

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

(51)⁷ B23K 1/005

(11) WO 03/080282 (13) A1

(21) PCT/DE03/00719

(22) 3 Mar/mar 2003 (03.03.2003)

(25) de (26) de

(30) 102 13 577.0 26 Mar/mar 2002 DE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SIMULTANEOUS LASER SOLDERING METHOD

- PROCEDE DE BRASAGE SIMULTANE AU MOYEN D'UN FAISCEAU LASER

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(72) DE STEUR, Hubert; Treinstraat 1, B-9031 Drogen (BE). HEERMAN, Marcel; Azaleastraat 6, B-9820 Merelbeke (BE).

(81) CN JP KR.

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

Published / Publiée : (c)

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ B23K 26/02

(11) WO 03/080283 (13) A1

(21) PCT/JP02/02899

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ja (26) ja

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • LASER BEAM POSITIONING DEVICE FOR LASER MACHINING, APPARATUS

- DISPOSITIF DE POSITIONNEMENT DE FAISCEAU LASER DESTINE A UN APPAREIL LASER

(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) IWATA, Takaaki [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN DE JP KR US.

(51)⁷ B23K 26/04

(11) WO 03/080284 (13) A1

(21) PCT/EP03/02074

(22) 28 Feb/fév 2003 (28.02.2003)

(25) de (26) de

(30) 102 13 044.2 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR MATERIAL PROCESSING AND/OR MATERIAL ANALYSIS USING LASERS

- PROCEDE DE TRAITEMENT DE MATIERE ET / OU D'ANALYSE DE MATIERE A L'AIDE DE LASERS

(71) FREIE UNIVERSITÄT BERLIN [DE/DE]; Kaiserswerther Strasse 16-18, 14195 Berlin (DE).

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

(72, 75) WÖSTE, Ludger [DE/DE]; Waltharistrasse 17, 10109 Berlin (DE). WOLF, Jean-Pierre [FR/FR]; 5, Rue Cuvier, F-69006 Lyon (FR).

(74) WEISSE, Renate et al. / etc.; Bökenbuschstrasse 41, 42555 Velbert (DE).

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

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

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

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

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

(u) for / pour US only / seulement

(51)⁷ B23K 26/06, 26/08, G03F 7/00

(11) WO 03/080285 (13) A1

(21) PCT/DE03/00791

(22) 12 Mar/mar 2003 (12.03.2003)

(25) de (26) de

(30) 102 12 639.9 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE AND METHOD FOR LASER STRUCTURING FUNCTIONAL POLYMERS AND THE USES THEREOF

- DISPOSITIF ET PROCEDE POUR LA STRUCTURATION PAR LASER DE POLYMERES FONCTIONNELS ET UTILISATIONS ASSOCIEES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) **BERNDS, Adolf** [DE/DE]; Adalbert-Stifter-Str. 11, 91083 Baiersdorf (DE). **CLEMENS, Wolfgang** [DE/DE]; Kornstr. 5, 90617 Puschendorf (DE). **ROTH, Hans-Klaus** [DE/DE]; Ortsstr. 7, 07330 Laasen (DE). **SCHRÖDNER, Mario** [DE/DE]; Schlossstr. 27, 07407 Rudolstadt (DE). **STOHN, Ralf-Ingo** [DE/DE]; Maurerstr. 20, 07749 Jena (DE).

(81) CN JP US.

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

Published / Publiée : (c)

(51)⁷ **B23K 35/363**

(11) **WO 03/080286** (13) A1

(21) PCT/JP03/02954

(22) **12 Mar/mar 2003 (12.03.2003)**

(25) ja (26) ja

(30) 2002-081205 **22 Mar/mar 2002 JP (22.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **PASTE-LIKE COMPOSITION FOR BRAZING AND BRAZING METHOD USING THE SAME**

• **COMPOSITION EN PATE POUR BRASURE ET PROCEDE DE BRASAGE UTILISANT CETTE COMPOSITION**

(71) **TOYO ALUMINIUM KABUSHIKI KAISHA** [JP/JP]; 6-8, Kyutaro-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0056 (JP).

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

(72, 75) **WATSUJI, Takashi** [JP/JP]; 12-12, Shimizu 2-chome, Yokaichi-shi, Shiga 527-0018 (JP).

(74) **KODA, Kazuyuki**; 208-B, Yao-minami Garden Terrace, 84-2, Wakabayashi-cho 1-chome, Yao-shi, Osaka 581-0038 (JP).

(81) US.

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

Published / Publiée : (a)

(51)⁷ **B23P 9/04, 9/00, B21D 28/24, C21D 7/04, B24B 39/06**

(11) **WO 03/080287** (13) A1

(21) PCT/US03/08379

(22) **18 Mar/mar 2003 (18.03.2003)**

(25) en (26) en

(30) 10/100,808 **18 Mar/mar 2002 US (18.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **PASSIVE-ADAPTIVE INDENTOR FOR STRESS WAVE COLD WORKING**

• **PENETRATEUR PASSIF-ADAPTIF POUR L'ECROUISSAGE PAR ONDES DE CONTRAINTE**

(71) **THE BOEING COMPANY** [US/US]; P.O. Box 3707, M/S 13-08, Seattle, WA 98124-2207 (US).

(72) **WOODS, Mark, A.**; 1211 Dayton Avenue, N.E., Renton, WA 98056 (US). **WILKERSON, Jeffrey, A.**; 9901 31st Avenue SW, Seattle, WA 98126 (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 SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ **B23P 21/00, B23Q 7/04, 7/14, B25J 9/16**

(11) **WO 03/080288** (13) A1

(21) PCT/FI03/00221

(22) **21 Mar/mar 2003 (21.03.2003)**

(25) fi (26) en

(30) 20020547 **21 Mar/mar 2002 FI (21.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **METHOD AND ARRANGEMENT FOR ASSEMBLY**

• **PROCEDE ET AGENCEMENT D'ASSEMBLAGE**

(71) **ABB OY** [FI/FI]; Strömbergintie 1, FIN-00380 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AHLVIK, Jiri** [FI/FI]; Lastenkodeinkatu 22 A 2, FIN-65100 Vaasa (FI). **KETTUNEN, Juha** [FI/FI]; Puistokatu 3 aC 54, FIN-00140 Helsinki (FI). **LAUKKANEN, Esa** [FI/FI]; Pietarsaarenkatu 8 C 24, FIN-65350 Vaasa (FI).

(74) **KORPELAINEN, Seppo**; ABB Oy, Legal Affairs, Patents, P.O. Box 210, FIN-00381 Helsinki (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **B24B**

(11) **WO 03/080289** (13) A2

(21) PCT/KR03/00577

(22) **24 Mar/mar 2003 (24.03.2003)**

(25) ko (26) en

(30) 10-2002-0015836 **23 Mar/mar 2002 KR (23.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **POLISHING MACHINE**

• **MACHINE DE POLISSAGE**

(71) **FINEACETECHNOLOGY CO., LTD** [KR/KR]; 42-18 Palyoung-dong, Changwon-shi, Kyungsangnam-do 641-847 (KR).

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

(72, 75) **YOON, Sang-dae** [KR/KR]; 305-801 Seongwon Apt., 45-1 Sangnam-dong, Changwon-shi, Kyungsangnam-do 641-829 (KR).

(74) **AJU PATENT & LAW FIRM**; 12th Floors, Poonglim Building, 823-1 Yeoksam-dong, Kangnam-gu, Seoul 137-784 (KR).

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

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

(51)⁷ **B24B 1/00, 9/10**

(11) **WO 03/080290** (13) A1

(21) PCT/US03/08868

(22) **21 Mar/mar 2003 (21.03.2003)**

(25) en (26) en

(30) 60/366,201 **21 Mar/mar 2002 US (21.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **APPARATUS FOR AUTOMOTIVE SAFETY GLASS EDGE POLISHING**

• **DISPOSITIF POUR LE POLISSAGE DE BORDURE DE VITRAGE DE SECURITE D'AUTOMOBILE**

(71) **AP TECHNOGLASS** [US/US]; 1465 West Sandusky Avenue, Bellefontaine, OH 43311 (US).

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

(72, 75) **COLLINS, Mark** [US/US]; 321 East High Ave., Bellefontaine, OH 43311 (US). **KOONTZ, Noah, K.** [US/US]; 14022 Oxford Dr., Marysville, OH 43040 (US).

(74) **KELLER, Paul, A. 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B24B 19/00
- (11) WO 03/080291 (13) A2
- (21) PCT/US03/07045
- (22) 7 Mar/mar 2003 (07.03.2003)
- (25) en (26) en
- (30) 10/101,573 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • POLISHER
- APPAREIL DE POLISSAGE
- (71) DOMAILLE ENGINEERING, LLC [US/US]; 7100 Dresser Drive N.E., Rochester, MN 55906 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DOMAILLE, Michael D. [US/US]; 3690 Pine Tree Court N.E., Rochester, MN 55906 (US). DOMAILLE, Nancy J. [US/US]; 3690 Pine Tree Court N.E., Rochester, MN 55906 (US). FORD, Harold M. [US/US]; 5247 115th Street S.E., Stewartville, MN 55976 (US). FLANDERS, Dennis G. [US/US]; 1823 18 1/2 Street N.W., Rochester, MN 55901 (US).
- (74) FISH & RICHARDSON P.C., P.A.; 60 South Sixth Street, Suite 3300, Minneapolis, Minnesota 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 NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B24B 19/14
- (11) WO 03/080292 (13) A1
- (21) PCT/ES03/00116
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) es (26) es
- (30) P 200200711 26 Mar/mar 2002 ES (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ROTOR-GRINDING MACHINE COMPRISING A ROTARY HEAD WITH TWO GRINDING WHEELS
- MACHINE A RECTIFIER SERVANT A RECTIFIER UN ROTOR, COMPRENANT UNE TETE ROTATIVE EQUIPEE DE DEUX MEULES
- (71) DANOBAT, S.COOP. [ES/ES]; Arriaga Kalea, 21, E-20870 Elgoibar (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ASTIGARRAGA CASTAÑARES, Olatz [ES/ES]; Bernardo Ecenarro, 10-2.B, E-20870 Elgoibar (ES). CHANA, Harvinder, Singh [GB/ES]; Gurchan Heights, 22 Beggars Lane, Leicester Forest East, LE3 3NQ Leicester (ES).
- (74) FERNANDEZ GUZMAN, Juan; Dpto. Propiedad Industrial, B° San Andrés, s/n; Apdo 213, 20500 Mondragón (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B24B 37/00, 1/04
- (11) WO 03/080293 (13) A1
- (21) PCT/JP03/03637
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ja (26) ja
- (30) 2002-124972 25 Mar/mar 2002 JP (25.03.2002)
- (30) 2002-170668 9 May/mai 2002 JP (09.05.2002)
- (30) 2002-199269 5 Jun/juin 2002 JP (05.06.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • LAPPING DEVICE AND LAPPING METHOD
- DISPOSITIF ET PROCÉDE DE RODAGE
- (71, 72) OHNISHI, Kazumasa [JP/JP]; 121-35, Hanazonohigashi 2-chome, Nagaoka-shi, Niigata 940-0846 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B24D 3/28
- (11) WO 03/080294 (13) A1
- (21) PCT/US03/01274
- (22) 16 Jan/jan 2003 (16.01.2003)
- (25) en (26) en
- (30) 10/100,693 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COATED ABRASIVE ARTICLE COMPRISING AN AROMATIC POLYEPoxide
- ARTICLE ENDUIT D'ABRASIF COMPRENANT UN POLYÉPOXYDE AROMATIQUE
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) BRAUNSCHWEIG, Ehrlich J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). SYVERSON, Daidre L.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). WOO, Edward J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) WRIGHT, Bradford B., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations
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- (51)⁷ B24D 11/00
- (11) WO 03/080295 (13) A1
- (21) PCT/EP03/03102
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) de (26) de
- (30) 202 04 849.7 26 Mar/mar 2002 DE (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DEVICE FOR PRODUCING JUMBO ROLLS FOR THE PRODUCTION OF ABRASIVES
- DISPOSITIF DE REALISATION DE ROULEAUX JUMBO POUR PRODUIRE DES MATERIAUX ABRASIFS

(71) **BAKELITE AG** [DE/DE]; Gennaer Str. 2-4, 58642 Iserlohn-Letmathe (DE). **IMT S.R.L.** [IT/IT]; Viale S. Gimignano, 30, I-20146 Milano (IT).

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

(72, 75) **DERN, Heinz-Jürgen** [DE/DE]; Pfarer-Wiggenstr. 44 b, 58706 Menden (DE). **LESIZZA, Claudio** [IT/IT]; Via Solari, 43, I-20146 Milano (IT). **TONIN, Guglielmo** [IT/IT]; Via Magenta 12, I-20024 Garbagnate Milanese (IT).

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

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

(51)⁷ **B25B 1/24**

(11) **WO 03/080296** (13) A1

(21) PCT/DE03/00941

(22) **21 Mar/mar 2003 (21.03.2003)**

(25) de (26) de

(30) 202 04 591.9 **22 Mar/mar 2002 DE (22.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SUPPORT DEVICE FOR CLAMPED PRODUCTS IN A CLAMPING DEVICE
• SUPPORT DESTINE A MONTER UN PRODUIT DANS UN DISPOSITIF DE FIXATION

(71) **GEKILA WERKZEUGTECHNIK** [DE/DE]; Am Letten 5, 87448 Niedersonthofen (DE).

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

(72, 75) **KITTEL, Gerald** [DE/DE]; Am Letten 5, 87448 Niedersonthofen (DE). **LANDER, Gerald** [DE/DE]; Am Letten 5, 87448 Niedersonthofen (DE).

(74) **BEHRMANN, Niels et al.** / etc.; Hiebsch Behrmann, Heinrich-Weber-Platz 1, 78224 Singen (DE).

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

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

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

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

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ **B25J 15/00, 9/14**

(11) **WO 03/080297** (13) A1

(21) PCT/GB03/01246

(22) **24 Mar/mar 2003 (24.03.2003)**

(25) en (26) en

(30) 0206974.8 **25 Mar/mar 2002 GB (25.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HUMANOID ROBOTICS HAND ACTUATED BY AIR MUSCLES

• MAIN ROBOTIQUE HUMANOIDE ACTIONNEE PAR DES MUSCLES A AIR

(71) **THE SHADOW ROBOT COMPANY LIMITED** [GB/GB]; 251 Liverpool Road, London N1 1LX (GB).

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

(72, 75) **GREENHILL, Richard, Martin** [GB/GB]; 357 Liverpool Road, London N1 1NL (GB). **WALKER, Graham, Richard** [GB/GB]; 41 Whittington Road, London N22 8YS (GB). **ELIAS, John, Hugo** [GB/GB]; 12 Dagmar Terrace, London N1 2BN (GB). **GODDEN, Matthew, Paul** [GB/GB]; 48 Hightown Road, Luton, Bedfordshire LU2 0DE (GB).

(74) **GREENHILL, Richard, Martin**; 251 Liverpool Road, London N1 1NL (GB).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **B26B 13/00, 13/28, B25B 7/06**

(11) **WO 03/080298** (13) A1

(21) PCT/ES02/00606

(22) **19 Dec/déc 2002 (19.12.2002)**

(25) es (26) es

(30) u-200200546 **20 Mar/mar 2002 ES (20.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IMPROVED SCISSORS
• CISEAUX PERFECTIONNES

(71, 72) **CHUNXIAO, Sun** [CN/ES]; Calle Provenza, 47, principal 1., E-08037 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **B26D 3/26**

(11) **WO 03/080299** (13) A1

(21) PCT/JP03/03545

(22) **24 Mar/mar 2003 (24.03.2003)**

(25) ja (26) ja

(30) 2002-82166 **22 Mar/mar 2002 JP (22.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND DEVICE FOR SHAPING FOODSTUFFS AND THE LIKE, AND SHAPED PRODUCT

• PROCEDE ET DISPOSITIF DE FAÇONNAGE DE DENREES ALIMENTAIRES ET ANALOGUES, ET PRODUIT FAÇONNE

(71) **HIRAGAKI CO., LTD.** [JP/JP]; 25, Do, Shimizu-shi, Shizuoka 424-0414 (JP).

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

(72, 75) **HIRAGAKI, Noriyuki** [JP/JP]; c/o Hiragaki Co., Ltd., 25, Do, Shimizu-shi, Shizuoka 424-0414 (JP). **HIRAGAKI, Minoru** [JP/JP]; c/o Hiragaki Co., Ltd., 25, Do, Shimizu-shi, Shizuoka 424-0414 (JP).

(74) **HIGASHIYAMA, Takahiko**; Room 201, Chisan Mansion Hontori, 23-1, Hontori 3-chome, Shizuoka-shi, Shizuoka 420-0064 (JP).

(81) AE AG AL AU BA BB BG BR BZ CA CN CO CR CU DM DZ EC EE GD GE HR HU ID IL IN IS KR LC LK LR LT LV MA MG MK MN MX NI NO NZ OM PH PL RO SC SG TN TT UA US UZ VC 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ B27B 1/00, 7/00
(11) WO 03/080300 (13) A1
(21) PCT/RU03/00106
(22) 20 Mar/mar 2003 (20.03.2003)
(25) ru (26) ru
(30) 2002107264 21 Mar/mar 2002 RU (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD FOR LOG RIPPING USING A RIPPER AND THE RIPPER FOR CARRYING OUT SAID METHOD
• PROCEDE DE SCIAGE DE GRUMES SUR UNE SCIE DE COUPE LONGITUDINALE ET SCIE PERMETTANT D'APPLIQUER CE PROCEDE
(71, 72) AKHMETOV, Ismail Timirovich [RU/RU]; Zelenograd, 1521-7, Moscow, 103683 (RU).
(72, 75) DURASOV, Alexei Petrovich [RU/RU]; ul. Marchenko, 25-91, Chelyabinsk, 484185 (RU). PEREPELITSA, Anatoly Alexandrovich [RU/RU]; ul. Vakhtangova, 2-140, Chelyabinsk, 454047 (RU). SOL-DATKIN, Sergei Anatolievich [RU/RU]; ul. Chaikovskogo, 12-48, Chelyabinsk, 454138 (RU). SHILNIKOV, Gennady Vladimirovich [RU/RU]; ul. Molodezhnaya, 8-18, Miass, Chelyabinskaya obl., 456020 (RU).
(74) TKACHENKO, Valeria Sergeevna; OOO "Sojuzpatent", ul. Iliinka, 5/2, Moscow, 103735 (RU).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ B27M 3/00, E06B 3/70
(11) WO 03/080301 (13) A1
(21) PCT/IE03/00044
(22) 21 Mar/mar 2003 (21.03.2003)
(25) en (26) en
(30) S2002/0208 22 Mar/mar 2002 IE (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • A VENEERED PRODUCT
• PRODUIT PLAQUE
(71, 72) LENEHAN, Brian [IE/IE]; Duleek Road, Platin, Drogheda, County Meath (IE).
(74) BROPHY, David; F.R. Kelly & Co., 27 Clyde Road, Ballsbridge, Dublin 4 (IE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT

- RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement
(51)⁷ B28B 11/00
(11) WO 03/080302 (13) A1
(21) PCT/IT03/00073
(22) 13 Feb/fév 2003 (13.02.2003)
(25) en (26) en
(30) FO02A000008 26 Mar/mar 2002 IT (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • A PROCESS FOR MODELING CERAMIC TILES
• PROCEDE DE MODELAGE DE CARREAUX CERAMIQUES
(71) KESER S.R.L. [IT/IT]; No.6, Vicolo Pezzi, I-48018 Faenza (IT).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) FABBRONI, Roberto [IT/IT]; no.7, Via Chiusa di Errano, I-48018 Faenza (IT).
(74) NERI, Luciano; Bugnion S.p.A., Via Emilia Est, no. 25, I-41100 Modena (IT).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ B28B 21/00, E02D 5/58, E04C 5/12, B28B 21/60
(11) WO 03/080303 (13) A1
(21) PCT/KR03/00488
(22) 13 Mar/mar 2003 (13.03.2003)
(25) en (26) en
(30) 10-2002-0015421 21 Mar/mar 2002 KR (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • METHOD AND APPARATUS OF MANUFACTURING ELECTRIC POLE
• PROCEDE DE FABRICATION DE POLEAUX ELECTRIQUES ET APPAREIL A CET EFFET
(71) HAMMTEK ASIA, INC. [KR/KR]; 149-8, Yumri-Dong Mapo-Gu, 121-872 Seoul (KR). (for all designated States except / pour tous les États désignés sauf US)
(71) KIM, Seung Soo [KR/KR]; 102-809 Mido-Apt., 511, Daechi-Dong, Kangnam-Gu, 135-282 Seoul (KR). KONG, Jung Ho [KR/KR]; Suit 304 Hyupsin Villa, Jukyo-Dong, Koyang, 412-010 Kyunggi-Do (KR). (only for / seulement pour US)
(74) KWON, Tae Bok; 4th Fl., Yosam Bldg. 648-23, Yoksam-Dong, Kangnam-Gu, 135-748 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 KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ B28D 1/04, B25F 5/02
(11) WO 03/080304 (13) A2
(21) PCT/US03/08371
(22) 18 Mar/mar 2003 (18.03.2003)
(25) en (26) en
(30) 10/101,473 18 Mar/mar 2002 US (18.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • MOVABLE MACHINES, INCLUDING PAVEMENT WORKING APPARATUS AND METHODS OF MAKING
• MACHINES MOBILES, APPAREIL DE DALLAGE COMPRIS, ET PROCEDES DE FABRICATION
(71) ELECTROLUX PROFESSIONAL OUTDOOR PRODUCTS, INC. [US/US]; 18013 Cleveland Parkway, Suite 100, Cleveland, OH 44135-0920 (US).
(72) BARATTA, Anthony; 2565 West 237th Street, Torrance, CA 90505 (US).
(74) HENRICKS, James, A.; Henricks, Slavim & Holmes, 840 Apollo Street, Suite 200, El Segundo, CA 90245-4737 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

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

- (51)⁷ B28D 1/22, 1/30, B28B 17/00, E04C 1/39
(11) WO 03/080305 (13) A1
(21) PCT/US03/08362
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 10/103,155 20 Mar/mar 2002 US (20.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • MASONRY BLOCK SPLITTING ASSEMBLY AND METHOD
• APPAREIL A REFENDRE LES BLOCS DE MAÇONNERIE, ET PROCEDE ASSOCIE
(71) ANCHOR WALL SYSTEMS, INC. [US/US]; 5959 Baker Road, Suite 390, Minnetonka, MN 55345-5996 (US).
(72) SCHERER, Ronald, J.; 5703 Peller Avenue North, Oak Park Heights, MN 55082 (US). LACROIX, David, Matthew; 4608 103rd Lane N.E., Circle Pines, MN 55014 (US). BOLLES, Glenn, Clarke; 4708 Annaway Drive, Edina, MN 55435 (US).

(74) BRUESS, Steven, C.; Merchant & Gould P.C. P.O.Box 2903, Minneapolis, MN 55402-0903 (US).

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

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

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(51)⁷ B29B 11/16, F16C 29/04, 33/38, F16H 25/22 // (B29C 45/14, B29K 105:08, B29L 29:00)

- (11) WO 03/080306 (13) A1
(21) PCT/JP03/03684
(22) 26 Mar/mar 2003 (26.03.2003)
(25) ja (26) ja
(30) 2002-85118 26 Mar/mar 2002 JP (26.03.2002)
(30) 2003-80108 24 Mar/mar 2003 JP (24.03.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TAPE-SHAPED MOLDING AND BELT FOR BALL CHAIN

- MOULAGE EN FORME DE BANDE ET COURROIE POUR CHAINE A BILLES

(71) KUREHA GOSEN CO., LTD. [JP/JP]; 1-63, Motomachi, Mibu-cho, Shimotsuga-gun, Tochigi 321-0223 (JP). THK CO., LTD. [JP/JP]; 11-6, Nishigotanda 3-chome, Shinagawa-ku, Tokyo 141-8503 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MASUMURA, Nobuyuki [JP/JP]; c/o KUREHA GOSEN CO., LTD., 1-63, Motomachi, Mibu-cho, Shimotsuga-gun, Tochigi 321-0223 (JP). TOMITA, Kazuki [JP/JP]; c/o KUREHA GOSEN CO., LTD., 1-63, Motomachi, Mibu-cho, Shimotsuga-gun, Tochigi 321-0223 (JP). TOCHIGI, Akira [JP/JP]; c/o KUREHA GOSEN CO., LTD., 1-63, Motomachi, Mibu-cho, Shimotsuga-gun, Tochigi 321-0223 (JP). KOKUNO, Yuji [JP/JP]; c/o KUREHA GOSEN CO., LTD., 1-63, Motomachi, Mibu-cho, Shimotsuga-gun, Tochigi 321-0223 (JP). OHIRA, Seiichi [JP/JP]; c/o KUREHA GOSEN CO., LTD., 1-63, Motomachi, Mibu-cho, Shimotsuga-gun, Tochigi 321-0223 (JP). MICHIOKA, Hidekazu [JP/JP]; c/o THK Co., Ltd., 11-6, Nishigotanda 3-chome, Shinagawa-ku, Tokyo 141-8503 (JP). IIDA, Katsuya [JP/JP]; c/o THK Co., Ltd. Koufu Plant, 754, Nakadate, Tamaho-cho, Nakakoma-gun, Yamanashi 409-3801 (JP).

(74) FUJINO, Seiya et al. / etc.; Mitsuhama Bldg. 8F, 2-1, Yotsuya 1-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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B29C

- (11) WO 03/080307 (13) A2
(21) PCT/JP03/02841
(22) 11 Mar/mar 2003 (11.03.2003)
(25) en (26) en
(30) 2002-087075 26 Mar/mar 2002 JP (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD OF DETERMINING A HOLD PRESSURE CONTROL START PRESSURE FOR RESIN INJECTION MOLDING

- PROCEDE DE DETERMINATION D'UNE PRESSION DE DEBUT DE REGLAGE DE PRESSION DE MAINTIEN POUR LE MOULAGE PAR INJECTION DE RESINE

(71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Minami-Aoyama, 2-chome, Minato-ku, Tokyo 107-8556 (JP).

(72) ODAKA, Kouichi; c/o Honda Giken Kogyo Kabushiki Kaisha, Saitama Plant, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1392 (JP). SUZUKI, Kenichi; c/o Honda Giken Kogyo Kabushiki Kaisha, Saitama Plant, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1392 (JP). YUASA, Akihiro; c/o Honda Giken Kogyo Kabushiki Kaisha, Saitama Plant, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1392 (JP).

(74) SHIMODA, Yo-ichiro; Meisan Tameike Bldg., 1-12, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) CA CN GB KR.

(51)⁷ B29C 33/26, 45/04

- (11) WO 03/080308 (13) A1
(21) PCT/FR03/00897
(22) 21 Mar/mar 2003 (21.03.2003)
(25) fr (26) fr
(30) 02/03553 21 Mar/mar 2002 FR (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IMPROVED MOULD FOR PRODUCING COMPOSITE MATERIAL PARTS, MOULDING LINES AND MOULDING INSTALLATION COMPRISING SUCH LINES

- MOULE PERFECTIONNE POUR LA PRODUCTION DE PIECES EN MATERIAUX COMPOSITES, LIGNES DE MOULAGE ET INSTALLATION DE MOULAGE COMPORTANT DE TELLES LIGNES

(71) MDI MOTOR DEVELOPEMENT INTERNATIONAL S.A. [LU/LU]; 23, rue Beaumont, L - 1219 Luxembourg (LU).

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

(72, 75) NEGRE, Guy [FR/FR]; Zone industrielle 3405, 4e avenue, BP 547, F-06516 Carros Cedex (FR). NEGRE, Cyril [FR/FR]; Zone industrielle 3405, 4e avenue, BP 547, F-06516 Carros Cedex (FR).

(74) NEGRE, Guy; MDI SA, Zone Industrielle 3405, 4e avenue, BP 547, F-06516 Carros 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ B29C 33/38, 33/42, B23P 15/24

- (11) WO 03/080309 (13) A1
(21) PCT/BE03/00053
(22) 25 Mar/mar 2003 (25.03.2003)
(25) en (26) en
(30) 02447044.5 25 Mar/mar 2002 EP (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR MAKING A MOULD AND FOR PRODUCING AN ELASTOMERIC SKIN

• PROCEDE POUR REALISER UN MOULE ET POUR PRODUIRE UN FILM ELASTOMERE

(71) RECTICEL [BE/BE]; Plejadenaan 15, B-1200 Brussels (BE).

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

(72, 75) DE WINTER, Hugo [BE/BE]; Recticel, Damstraat 2, B-9230 Wetteren (BE). GENETELLO, Mario [BE/BE]; Recticel, Damstraat 2, B-9230 Wetteren (BE).

(74) VAN REET, Joseph et al. / etc.; Gevers & Vander Haeghen, Holidaystraat 5, B-1831 Diegem (BE).

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

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

(51)⁷ B29C 37/00, 43/18, 43/14

(11) WO 03/080310 (13) A1

(21) PCT/EP03/02911

(22) 20 Mar/mar 2003 (20.03.2003)

(25) de (26) de

(30) 102 12 415.9 21 Mar/mar 2002 DE (21.03.2002)

(30) 103 09 811.9 5 Mar/mar 2003 DE (05.03.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR COATING FIBER-REINFORCED PLASTIC STRUCTURAL PARTS AND STRUCTURAL PART SO PRODUCED

• PROCEDE DE LAQUAGE DE PIECES EN PLASTIQUES RENFORCES PAR FIBRES ET PIECE AINSI OBTENUE

(71) MENZOLIT FIBRON GMBH [DE/DE]; Hermann-Beuttenmüller-Str. 11-13, 75015 Bretten (DE).

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

(72, 75) HÖRSTING, Karlheinz [DE/DE]; Rotkehlchenweg 10, 76149 Karlsruhe (DE). KÜHFUSZ, Rudolf [DE/DE]; Friedhofstr. 21, 75053 Gondelsheim (DE).

(74) UPPENA, Franz; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ B29C 39/12, 39/40 // B29L 11:00, B29K 101:10

(11) WO 03/080311 (13) A1

(21) PCT/JP03/03710

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(30) 2002-90027 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PRODUCTION METHOD FOR OPTICAL LENS AND PRODUCTION METHOD FOR OPTICAL FIBER CONNECTOR

• PROCEDE DE PRODUCTION DE LENTILLE OPTIQUE ET PROCEDE DE PRODUCTION DE CONNECTEUR DE FIBRE OPTIQUE

(71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). NALUX CO., LTD. [JP/JP]; 2-1-7, Yamazaki, Shimamoto-cho, Mishima-gun, Osaka 618-0001 (JP).

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

(71, 72) JITSUNO, Takahisa [JP/JP]; 5-5-19-304, Onoharahigashi, Minoo-shi, Osaka 562-0031 (JP).

(72, 75) TOKUMURA, Keiu [JP/JP]; 1-1-18-207, Tatsuminishi, Ikuno-ku, Osaka-shi, Osaka 544-0012 (JP).

(74) HARA, Kenzo; HARA KENZO PATENT LAW FIRM, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi, Osaka 530-0041 (JP).

(81) CN KR US.

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

(51)⁷ B29C 44/12, A41D 27/24

(11) WO 03/080312 (13) A1

(21) PCT/EP03/03151

(22) 26 Mar/mar 2003 (26.03.2003)

(25) de (26) de

(30) 102 14 235.1 26 Mar/mar 2002 DE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MOULDED PART AND METHOD FOR THE PRODUCTION THEREOF

• PIECE MOULEE ET SON PROCEDE DE PRODUCTION

(71) SAI AUTOMOTIVE SAL GMBH [DE/DE]; Daimlerstrasse 1, 76732 Wörth (DE).

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

(72, 75) HARTMANN, Robert [DE/DE]; Elcheswinkel 6, 57636 Mammelzen (DE). MÜNZELFELD, Dieter [DE/DE]; Eisenstrasse 41, 57539 Roth-Hämmerholz (DE).

(74) PFENNING, MEINIG & PARTNER GBR; Joachimstaler Strasse 10-12, 10719 Berlin (DE).

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

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

(51)⁷ B29C 44/12

(11) WO 03/080313 (13) A1

(21) PCT/US03/08034

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 10/102,377 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PROCESS FOR APPLYING A CUSHION MATERIAL TO AN ARTICLE

• PROCEDE D'APPLICATION D'UN MATERIAU D'AMORTISSEMENT A UN ARTICLE

(71) SILIPOS INC. [US/US]; 366 Madison Avenue, New York, NY 10017 (US).

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

(72, 75) EBERLE, John, D. [US/US]; 197 Stevenson Boulevard, Amherst, NY 14226 (US). CARLSON, Ryan [US/US]; 5089 Berg Road, Buffalo, NY 14218 (US). ORZUKAK, Robert, E. [US/US]; 2444 Lake Mead Road, Niagara Falls, NY 14304 (US).

(74) ELLIS, Edward, J. 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

- (51)⁷ B29C 44/18, 44/44
 (11) WO 03/080314 (13) A1
 (21) PCT/JP03/03582
 (22) 25 Mar/mar 2003 (25.03.2003)
 (25) en (26) en
 (30) 2002-087061 26 Mar/mar 2002 JP (26.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • METHOD FOR FORMING SOLIDIFIED GRANULAR MATERIALS
 • PROCEDE DE FABRICATION DE MATERIAUX GRANULAIRES SOLIDIFIES
 (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) YAMAZAKI, Shouji [JP/JP]; c/o Honda R & D Co., Ltd., 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).
 (74) SHIMODA, Yo-ichiro et al. / etc.; Meisan Tameike Bldg., 1-12, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
 (81) CA CN US.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ B29C 45/27
 (11) WO 03/080315 (13) A1
 (21) PCT/JP03/02309
 (22) 28 Feb/fév 2003 (28.02.2003)
 (25) en (26) en
 (30) 2002-087077 26 Mar/mar 2002 JP (26.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • NOZZLE FOR USE IN HOT RUNNER MOLD
 • BUSE UTILISEE DANS UN MOULE A CANAL CHAUD
 (71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
 (72) NAKANO, Hirohide; Honda Giken Kogyo Kabushiki Kaisha, Saitama-Plant, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1392 (JP). KOYAMA, Takeshi; Honda Giken Kogyo Kabushiki Kaisha, Saitama-Plant, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1392 (JP). ODAKA, Kouichi; Honda Giken Kogyo Kabushiki Kaisha, Saitama-Plant, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1392 (JP).
 (74) SHIMODA, Yo-ichiro et al. / etc.; Meisan Tameike Bldg., 1-12, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (US).
 (81) CA CN GB KR.
-
- (51)⁷ B29C 45/50, H02K 7/06, 5/173
 (11) WO 03/080316 (13) A1
 (21) PCT/EP03/02558
 (22) 12 Mar/mar 2003 (12.03.2003)
 (25) de (26) de
 (30) 102 13 679.3 27 Mar/mar 2002 DE (27.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • LINEAR AND ROTARY ACTUATOR DRIVEN BY AN ELECTROMOTOR
 • ACTIONNEUR ROTATIF ET LINEAIRE COMMANDE PAR UN MOTEUR ELECTRIQUE
 (71) DEMAG ERGOTECH GMBH [DE/DE]; Altdorfer Strasse 15, 90571 Schwaig (DE). L & T-DEMAG PLASTICS MACHINERY PRIVATE LIMITED [IN/IN]; Mount-Poonamaltee Road, Post Bag No. 986, Chennai 600 089 (IN).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) ICKINGER, Georg, Michael [AT/AT]; Weg zum Reinerkogel 37, A-8010 Graz (AT). GOWDA, Harish, Kittappa [IN/IN]; D2 Harrington Road Chetpet, Chennai 600 031 (IN). MANGALASSERIL, Saju [IN/IN]; 5, Plot No. 29, Teachers Colony, Chennai 600 020 (IN). SHANMUGHAM, Sivakumar [IN/IN]; 4A TL Raghupathy Street, Chennai 600 044 (IN). MATHRUBOOTMAM, Kumar [IN/IN]; 30 Sabapathy Street, Chennai 600 091 (IN). SUKUMARAN, Vivek, Anand [IN/IN]; Plot No. 19, Puruvanooru Street, Chennai 600 073 (IN).
 (74) WILHELM, Ludwig; Mannesmann Plastics Machinery GmbH, FS, Krauss-Maffei-Strasse 2, 80997 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 NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B29C 49/04, 49/06, B65D 1/02, C08G 64/00
 (11) WO 03/080317 (13) A1
 (21) PCT/EP03/02900
 (22) 20 Mar/mar 2003 (20.03.2003)
 (25) de (26) de
 (30) 102 13 230.5 25 Mar/mar 2002 DE (25.03.2002)
 (30) 102 29 594.8 2 Jul/juil 2002 DE (02.07.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • PLASTIC CONTAINER HAVING A HOMOGENOUS WALL THICKNESS
 • RECIPIENT EN PLASTIQUE A EPAISSEUR DE PAROI HOMOGENE
 (71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) HORN, Klaus [DE/DE]; Bahnhofstr. 13, 41539 Dormagen (DE). HUFEN, Ralf [DE/DE]; Zum Röttgenhof 25, 47239 Duisburg (DE). KRIETER, Markus [DE/DE]; Gravenberger Weg 8, 40764 Langenfeld (DE). DIJKSTRA, Dirk-Jacques [NL/DE]; Friedrich-Weskott-Str. 6, 51373 Leverkusen (DE). HEPPERLE, Jens [DE/DE]; Schildergasse 83, 50667 Köln (DE). MÜNSTEDT, Helmut [DE/DE]; Waldweg 16, 91054 Buckenhof (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ B29C 49/06, 49/36, 49/56
 (11) WO 03/080318 (13) A1
 (21) PCT/US03/08566
 (22) 19 Mar/mar 2003 (19.03.2003)
 (25) en (26) en
 (30) 60/365,924 20 Mar/mar 2002 US (20.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • INJECTION BLOW MOLDING MACHINE AND CLAMPING DEVICE
 • PRESSE D'INJECTION-SOUFFLAGE ET DISPOSITIF DE SERRAGE
 (71) JOMAR CORP [US/US]; 115 East Parkway Drive, Offshore Commercial Park, Egg Harbor Township, NJ 08234 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) PRIEST, Walter, L. [US/US]; 8100 Forriester Road, Adrian, MI 49221 (US).
 (74) POST, Philip, O.; Indel, Inc., 10 Indel Avenue, Post Office Box 157, Rancocas, NJ 08073 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO

- RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ B29C 70/08, 70/46, 70/50, B32B 5/28
- (11) WO 03/080319 (13) A1
- (21) PCT/EP03/02774
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) de (26) de
- (30) 102 12 414.0 21 Mar/mar 2002 DE
(21.03.2002)
- (30) 103 09 806.2 5 Mar/mar 2003 DE
(05.03.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR THE PRODUCTION
OF RESIN PREPREGS WITH LIQUID
REINFORCER FOR NON-WOVEN OR
TEXTILE MATERIAL AND COMPO-
NENTS MADE FROM SAID RESIN
PREPREGS
- PROCEDE DE FABRICATION DE
MATS IMPREGNES DE RESINE
A RENFORT TEXTILE OU PAR
NON-TISSES ET COMPOSANTS PRO-
DUITS A PARTIR DE CES MATS IM-
PREGNES DE RESINE
- (71) MENZOLIT FIBRON GMBH [DE/DE];
Hermann-Beuttenmüller-Str. 11-13, 75015
Bretten (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) HÖRSTING, Karlheinz [DE/DE];
Rotkehlchenweg 10, 76149 Karlsruhe (DE).
KÜHFUSZ, Rudolf [DE/DE]; Friedhofstr.
21, 75053 Gondelsheim (DE). STEGER,
Gerhard [DE/DE]; Steingötter-Greif-Strasse
16, 69168 Wiesloch (DE).
- (74) UPPENA, Franz; Dynamit-Nobel Aktienge-
sellschaft, - 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 DK
DM DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG
US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
- Published / Publiée : (c)
-
- (51)⁷ B29D 11/00
- (11) WO 03/080320 (13) A1
- (21) PCT/EP03/02919
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 02006341.8 21 Mar/mar 2002 EP
(21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • GRIPPER
- DISPOSITIF DE PREHENSION
- (71) NOVARTIS AG [CH/CH]; Lichtstrasse 35,
CH-4056 Basel (CH).
*(for all designated States except / pour tous
les États désignés sauf AT US)*
- (71) NOVARTIS PHARMA GMBH [AT/AT];
Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)
- (72, 75) HAGMANN, Peter [DE/DE]; Justin
Kirchgässner Strasse 2, 63906 Erlenbach am
Main (DE). LÄSSIG, Günter [DE/DE]; Am
Osthang 32, 63785 Obernurg (DE). BIEL,
Roger [DE/DE]; Beethovenstrasse 4A, 63743
Aschaffenburg (DE).
- (74) GROS, Florent et al. / etc.; Novartis AG,
Corporate Intellectual Property, 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 NI NO NZ OM
PH PL PT RO RU SC SE SG 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 HU IE IT LU MC NL PT RO SE SI
SK TR).
-
- (51)⁷ B29D 31/00, B60J 10/00, B29C 70/68
- (11) WO 03/080321 (13) A1
- (21) PCT/EP03/03030
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 02425183.7 22 Mar/mar 2002 EP
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROCESS FOR MANUFACTURING A
GLAZING
- PROCEDE DE FABRICATION D'UN VI-
TRAGE
- (71) PILKINGTON ITALIA S.P.A. [IT/IT];
Zona Industriale, I-66050 San Salvo (IT).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) CALDORO, Nicola [IT/IT]; Corso Fil-
ippo Turati, 43, I-10120 Torino (IT). PAU-
DICE, Ciro [IT/IT]; Via Ciccarone, 129/C,
I-66054 Vasto (IT).
- (74) HALLIWELL, Anthony, Charles et al. /
etc.; Group Intellectual Property, 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 NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG
US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ B30B 1/32, 1/30, 9/30, G21F 9/36
- (11) WO 03/080322 (13) A1
- (21) PCT/EP03/02802
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) de (26) de
- (30) 102 13 236.4 25 Mar/mar 2002 DE
(25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HIGH PRESSURE PRESS
- PRESSE HAUTE PRESSION
- (71) FRAMATOME ANP GMBH [DE/DE];
Freyeslebenstrasse 1, 91058 Erlangen (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) GLIHA, Viktor [DE/DE]; Kapellenweg
16, D-63456 Hanau (DE). TAUSCHHU-
BER, Helmut [DE/DE]; St. Hubertus Strasse
5, 82538 Geretsried (DE).
- (74) WALKENHORST, Andreas; Tergau &
Pohl, Mögeldorf Hauptstrasse 51, 90482
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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ B30B 9/32
- (11) WO 03/080323 (13) A1
- (21) PCT/DE03/00490
- (22) 18 Feb/fév 2003 (18.02.2003)
- (25) de (26) de
- (30) 102 12 730.1 21 Mar/mar 2002 DE
(21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PRESS FOR PROCESSING ANY TYPE
OF MATERIAL
- PRESSE DE TRAITEMENT DE TOUS
TYPES DE MATERIAUX
- (71) METSO LINDEMANN GMBH [DE/DE];
Erkrather Str. 401, 40231 Düsseldorf (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) VAN DER BEEK, August [DE/DE];
Jülicher Strasse 84, 41515 Grevenbroich
(DE). BUCH, Reyk [DE/DE]; Lyngs-
bergstrasse 5, 53177 Bonn (DE). PECH-
TEL, Harald [DE/DE]; Bettikumer Dorfs-
trasse 13b, 41470 Neuss (DE). KLOTHER,
Andreas [DE/DE]; Humperdinkstrasse 35,
41564 Kaarst (DE). SCHAAF, Michael

- [DE/DE]; Landwehrstrasse 43, 42699 Solingen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
-
- (51)⁷ **B31B 1/14, B23K 26/00**
- (11) **WO 03/080324** (13) A1
- (21) PCT/SE03/00456
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) en (26) en
- (30) 0200923-1 **25 Mar/mar 2002 SE (25.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A METHOD IN THE MANUFACTURE OF A PACKAGING LAMINATE, A PLANT IN THE MANUFACTURE OF THE PACKAGING LAMINATE, AND THE THUS MANUFACTURED PACKAGING LAMINATE
- PROCEDE DE FABRICATION D'UN FILM D'EMBALLAGE LAMINE, INSTALLATION DE FABRICATION D'UN FILM D'EMBALLAGE LAMINE ET FILM D'EMBALLAGE LAMINE PRODUIT PAR LEDIT PROCEDE
- (71) **TETRA LAVAL HOLDINGS & FINANCE S.A.** [CH/CH]; Av. Général-Guisan 70, CH-1009 Pully (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANDERSSON, Ingvar** [SE/SE]; Joggingvägen 12, S-246 52 Löddeköpinge (SE).
- (74) **SUNDELL, Håkan**; Ab Tetra Pak, Central Patent Department, Ruben Rausing's gata, S-221 86 Lund (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B32B 3/02, H01M 10/40, H01G 9/155**
- (11) **WO 03/080325** (13) A1
- (21) PCT/JP03/03543
- (22) **24 Mar/mar 2003 (24.03.2003)**
- (25) ja (26) ja
- (30) 2002-86798 **26 Mar/mar 2002 JP (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • THIN-FILM LAMINATED BODY, THIN-FILM CELL, CAPACITOR, AND METHOD AND EQUIPMENT FOR MANUFACTURING THIN-FILM LAMINATED BODY
- CORPS STRATIFIE EN COUCHES MINCES, CELLULES EN COUCHES MINCES, CAPACITE, ET PROCEDE ET MATERIEL DE FABRICATION D'UN CORPS STRATIFIE EN COUCHES MINCES
- (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) **HONDA, Kazuyoshi** [JP/JP]; 5-34, Jonan-cho 1-chome, Takatsuki-shi, Osaka 569-0056 (JP). **TAKAI, Yoriko** [JP/JP]; c/o Yamaguchi, 22-8, Midorigaoka 3-chome, Toyonaka-shi, Osaka 560-0002 (JP). **OKAZAKI, Sadayuki** [JP/JP]; 10-206, Ikuno 4-chome, Katano-shi, Osaka 576-0054 (JP). **INABA, Junichi** [JP/JP]; 26-13, Higashitoyonaka-cho 1-chome, Toyonaka-shi, Osaka 560-0003 (JP). **ITOH, Syuuji** [JP/JP]; 11-2, Kitatomigaoka 5-chome, Nara-shi, Nara 631-0001 (JP). **HIGUCHI, Hiroshi** [JP/JP]; 9-17, Matsuigaoka 1-chome, Kyotanabe-shi, Kyoto 610-0353 (JP). **SAKAI, Hitoshi** [JP/JP]; 2-135, Kawama-cho, Minato-ku, Nagoya-shi, Aichi 455-0076 (JP). **MINO, Shinji** [JP/JP]; 2-14-402, Kamihozumi 1-chome, Ibaraki-shi, Osaka 567-0036 (JP).
- (74) **IKEUSHI SATO & PARTNER PATENT ATTORNEYS**; 26th Floor, OAP TOWER, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 530-6026 (JP).
- (81) CN ID KR MX US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ **B32B 3/12**
- (11) **WO 03/080326** (13) A1
- (21) PCT/JP03/03742
- (22) **26 Mar/mar 2003 (26.03.2003)**
- (25) ja (26) ja
- (30) 2002-86448 **26 Mar/mar 2002 JP (26.03.2002)**
- (30) 2003-37009 **14 Feb/fév 2003 JP (14.02.2003)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HOLLOW STRUCTURE PLATE, MANUFACTURING METHOD THEREOF, MANUFACTURING DEVICE THEREOF, AND SOUND ABSORBING STRUCTURE PLATE
- PLAQUE A STRUCTURE CREUSE, PROCEDE ET DISPOSITIF DE FABRICATION ASSOCIES ET PLAQUE A STRUCTURE ABSORBANT LES SONS
- (71) **UBE-NITTO KASEI CO., LTD.** [JP/JP]; 1-7, Higashi-Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAKAJIMA, Masahiko** [JP/JP]; c/o UBE-NITTO KASEI CO., LTD., 2-1-1, Yabuta-Nishi, Gifu-shi, Gifu 500-8386 (JP). **MIYAZAKI, Takeshi** [JP/JP]; c/o UBE-NITTO KASEI CO., LTD., 2-1-1, Yabuta-Nishi, Gifu-shi, Gifu 500-8386 (JP). **ODA, Takayuki** [JP/JP]; c/o UBE-NITTO KASEI CO., LTD., 2-1-1, Yabuta-Nishi, Gifu-shi, Gifu 500-8386 (JP). **KOZUKA, Kenji** [JP/JP]; c/o UBE-NITTO KASEI CO., LTD., 2-1-1, Yabuta-Nishi, Gifu-shi, Gifu 500-8386 (JP).
- (74) **ISSHIKI, Kensuke et al. / etc.**; Rookin-Shinbashi Bldg. 3F, 12-7, Shinbashi 2-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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ **B32B 5/16, G01N 33/551**
- (11) **WO 03/080327** (13) A1
- (21) PCT/US03/07423
- (22) **11 Mar/mar 2003 (11.03.2003)**
- (25) en (26) en
- (30) 10/104,579 **21 Mar/mar 2002 US (21.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MULTIPLE-PROPERTY COMPOSITE BEADS AND PREPARATION AND USE THEREOF
- BILLES COMPOSITES A PROPRIETES MULTIPLES, PREPARATION ET UTILISATION DE CELLES-CI
- (71) **AVIVA BIOSCIENCES CORPORATION** [US/US]; 11180 Roselle Street, Suite 200, San Diego, CA 92121 (US).
- (72) **HUANG, Mingxian**; 11568 Sorrento Valley Road., Suite 9, San Diego, CA 92121 (US). **WU, Lei**; 14021 Capewood Lane, San Diego, CA 92128 (US). **WANG, Xiaobo**; 11684 Springside Road, San Diego, CA 92128 (US). **XU, Junquan**; 11072 West Ocean Air Drive, #339, San Diego, CA 92130 (US). **TAO, Guo-Liang**; 4178 Devoro Street, Apt. 12, San Diego, CA 92122 (US). **CHENG, Jing**; 4-204, No. 1 Building PuJi Yuan, Tsinghua University, 100084 Beijing (CN).
- (74) **CHEN, Peng et al. / etc.**; Morrison & Foerster LLP, 3811 Valley Center 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **B32B 7/02, 27/00, C08J 7/06, G02B 1/11**
- (11) **WO 03/080328** (13) A1
- (21) PCT/EP03/02676
- (22) **14 Mar/mar 2003 (14.03.2003)**
- (25) de (26) de
- (30) 102 13 036.1 **22 Mar/mar 2002 DE (22.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PLASTIC FILM WITH A MULTILAYERED INTERFERENCE COATING
• FEUILLE EN MATIERE PLASTIQUE A REVETEMENT D'INTERFERENCE MULTICOUCHE
- (71) **CLARIANT GMBH [DE/DE]**; Brün-
ingstrasse 50, 65929 Frankfurt am Main
(DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **ZIMMERMANN, Andreas [DE/DE]**;
Im Dürren Kopf 27a, 64347 Griesheim
(DE). **KITA, Fumio [JP/DE]**; Grill-
parzerstrasse 9, 65187 Wiesbaden (DE).
BERNI, Anette [DE/DE]; Höhenstrasse 25b,
66894 Käßhofen (DE). **MENNIG, Martin**
[DE/DE]; Mittelstrasse 5, 66287 Quierschied
(DE). **OLIVEIRA, Peter, W. [BR/DE]**;
Nauwieser Strasse 40, 66111 Saarbrücken
(DE). **SCHMIDT, Helmut [DE/DE]**; Im
Königsfeld 29, 66130 Saarbrücken-Güding-
en (DE). **HARADA, Takamasa [JP/JP]**;
4-35-15, Kikari Inzai-machi, Chiba 270-13
(JP).
- (74) **HÜTTER, Klaus**; Clariant Service GmbH,
Patente, Marken, Lizenzen, Am Unisys-Park
1, 65843 Sulzbach (DE).
- (81) CN JP KR SG US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
-
- (51)⁷ **B32B 13/08**
- (11) **WO 03/080329** (13) A1
- (21) PCT/JP03/03652
- (22) **25 Mar/mar 2003 (25.03.2003)**
- (25) ja (26) ja
- (30) 2002-089356 **27 Mar/mar 2002 JP (27.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • GYPSUM BOARD, AND METHOD OF
MANUFACTURING THE GYPSUM
BOARD
• PLACOPLATRE, ET SON PROCEDE DE
FABRICATION
- (71) **YOSHINO GYPSUM CO., LTD. [JP/JP]**;
SHINTOKYO BUILDING, 3-1, Marunouchi
3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **KIMURA, Tatsukazu [JP/JP]**; c/o
Imabari Plant, YOSHINO GYPSUM
CO., LTD., 1-1, Tomitashinko 1-chome,
Imabari-shi, Ehime 799-1503 (JP). **TSUNO,**
Norio [JP/JP]; c/o Imabari Plant, YOSHINO
GYPSUM CO., LTD., 1-1, Tomitashinko
1-chome, Imabari-shi, Ehime 799-1503 (JP).
ISHIBASHI, Seigo [JP/JP]; c/o Imabari

- Plant, YOSHINO GYPSUM CO., LTD., 1-1,
Tomitashinko 1-chome, Imabari-shi, Ehime
799-1503 (JP). **TANI, Hirokuni [JP/JP]**;
c/o Imabari Plant, YOSHINO GYPSUM
CO., LTD., 1-1, Tomitashinko 1-chome,
Imabari-shi, Ehime 799-1503 (JP). **OS-**
AWA, Kenichiro [JP/JP]; c/o Imabari Plant,
YOSHINO GYPSUM CO., LTD., 1-1,
Tomitashinko 1-chome, Imabari-shi, Ehime
799-1503 (JP).
- (74) **ITOH, Tadahiko**; 32nd Floor, Yebisu Gar-
den Place Tower, 20-3, Ebisu 4-chome,
Shibuya-ku, Tokyo 150-6032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ **B32B 15/08, 27/40, E04C 2/292, 2/296,
B29C 33/00**
- (11) **WO 03/080330** (13) A1
- (21) PCT/EP03/02844
- (22) **19 Mar/mar 2003 (19.03.2003)**
- (25) de (26) de
- (30) 102 13 753.6 **26 Mar/mar 2002 DE (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COMPOSITE ELEMENTS
• ELEMENTS COMPOSITES
- (71) **BASF AKTIENGESELLSCHAFT**
[DE/DE]; .. 67056 Ludwigshafen (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **DRÖGE, Thomas [DE/DE]**; Stauffen-
bergstr. 55, 49356 Diepholz (DE). **MERTES,**
Jürgen [DE/DE]; Ahornweg 8, 67122 Al-
trip (DE). **STADLER, Edmund [DE/DE]**;
Johann-Azendorfer Str. 23, 96142 Hollfeld
(DE). **KNOBLAUCH, Georg [DE/DE]**;
Feichthofstr. 128, 81247 München (DE).
LÜNNE, Stefanie [DE/DE]; Am Boomkamp
16, 32369 Rahden (DE). **BOOS, Jürgen**
[DE/DE]; In der Bakelder Mark 55, 48531
Nordhorn (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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

- CI CM GA GN GQ GW ML MR NE SN TD
TG).
- (51)⁷ **B32B 27/00**
- (11) **WO 03/080331** (13) A1
- (21) PCT/JP03/03075
- (22) **14 Mar/mar 2003 (14.03.2003)**
- (25) ja (26) ja
- (30) 2002-86476 **26 Mar/mar 2002 JP (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PACKAGING MATERIAL, FLEXIBLE
CONTAINER, METHOD OF FORMING
FLEXIBLE CONTAINER, METHOD OF
ENCLOSING LIQUID IN FLEXIBLE
CONTAINER AND LIQUID
• MATIERE D'EMBALLAGE, RECI-
PIENT SOUPLE, PROCEDE DE FABRI-
CATION D'UN RECIPIENT SOUPLE,
PROCEDE PERMETTANT D'ENFER-
MER DU LIQUIDE DANS UN RECI-
PIENT SOUPLE ET LIQUIDE ASSOCIE
- (71) **KURITA WATER INDUSTRIES LTD.**
[JP/JP]; 4-7, Nishi-Shinjuku 3-chome, Shin-
juku-ku, Tokyo 160-8383 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **NOZUE, Mitsuru [JP/JP]**; c/o KU-
RITA WATER INDUSTRIES LTD., 4-7,
Nishi-Shinjuku 3-chome, Shinjuku-ku,
Tokyo 160-8383 (JP). **YAMAMOTO,**
Akikazu [JP/JP]; c/o KURITA WATER
INDUSTRIES LTD., 4-7, Nishi-Shinjuku
3-chome, Shinjuku-ku, Tokyo 160-8383
(JP). **NAKANO, Yoshimasa [JP/JP]**; c/o
KURITA WATER INDUSTRIES LTD., 4-7,
Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo
160-8383 (JP). **KUROSU, Tadaaki [JP/JP]**;
c/o KURITA WATER INDUSTRIES LTD.,
4-7, Nishi-Shinjuku 3-chome, Shinjuku-ku,
Tokyo 160-8383 (JP).
- (74) **UNEMOTO, Shoichi**; UNEMOTO
PATENT OFFICE, 29-9, Amanuma 3-chome,
Suginami-ku, Tokyo 167-0032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL

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

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

(51)⁷ B32B 27/04, 27/10, 31/00, D21H 27/32, B31F 5/04

(11) WO 03/080332 (13) A1

(21) PCT/EP03/02572

(22) 13 Mar/mar 2003 (13.03.2003)

(25) de (26) de

(30) 102 12 821.9 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR THE PRODUCTION OF A CARDBOARD AND/OR PAPER COMPOSITE FOR A PACKAGING FOR FLOWABLE, HYGROSCOPIC GOODS AND PACKAGING MADE FROM SAID CARDBOARD AND/OR PAPER COMPOSITE

• PROCEDE DE FABRICATION D'UN COMPOSITE DE CARTON ET/OU DE PAPIER POUR UN EMBALLAGE DESTINE A DES PRODUITS HYGROSCOPHIQUES APRES A L'ECOULEMENT, ET EMBALLAGE EN COMPOSITE DE CARTON ET/OU DE PAPIER CORRESPONDANT

(71) HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARTHEL, Wolfgang [DE/DE]; Schlieperstrasse 23a, 40764 Langenfeld (DE). OBERDORF, Dirk [DE/DE]; Kiefernweg 18, 58285 Gevelsberg (DE).

(81) AU BR CA CN DZ ID IL IN JP KR MX PL RU SG TN UA US ZA.

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

(51)⁷ B32B 27/08, 27/30, 27/32, 27/34, 27/36, 27/40, 27/42

(11) WO 03/080333 (13) A1

(21) PCT/US03/08102

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 10/105,559 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MULTILAYERED POLYMER BASED THIN FILM STRUCTURE FOR MEDICAL GRADE PRODUCTS

• STRUCTURE MULTICOUCHE A FILMS MINCES A BASE DE POLYMERE POUR PRODUITS DE QUALITE MEDICALE

(71) BAXTER INTERNATIONAL INC. [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US).

(72) NEBGEN, Gregg; 923 312th Avenue, Burlington, WI 53105 (US). ANDERSON,

Keith, M., K.; 206 Kenloch Ave., Libertyville, IL 60048 (US). SCHARF, Michael, W.; 3611 Dellshire Lane, McHenry, IL 60050 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B32B 27/20, B41M 5/26, C08K 3/22, B44C 1/17, G09F 3/02

(11) WO 03/080334 (13) A1

(21) PCT/EP03/01824

(22) 22 Feb/fév 2003 (22.02.2003)

(25) de (26) de

(30) 102 13 110.4 23 Mar/mar 2002 DE (23.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MULTILAYER LASER TRANSFER FILM FOR PERMANENTLY INSCRIBING PARTS

• FILM DE TRANSFERT AU LASER A PLUSIEURS COUCHES POUR L'ETIQUETAGE DURABLE D'ELEMENTS

(71) TESA AG [DE/DE]; Quickbornstrasse 24, 20253 Hamburg (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOOPS, Arne [DE/DE]; Schulstrasse 31, 23881 Breitenfelde (DE). REITER, Sven [DE/DE]; Lämmersieth 39, 22305 Hamburg (DE).

(74) TESA AG; Quickbornstrasse 24, 20253 Hamburg (DE).

(81) JP US.

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

(51)⁷ B32B 27/20, B41M 5/26, C08K 3/22, B44C 1/17, G09F 3/02

(11) WO 03/080335 (13) A1

(21) PCT/EP03/01882

(22) 25 Feb/fév 2003 (25.02.2003)

(25) de (26) de

(30) 102 13 111.2 23 Mar/mar 2002 DE (23.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MULTI-LAYER LASER TRANSFER FILM FOR THE PERMANENT LABELING OF COMPONENTS

• FILM DE TRANSFERT PAR LASER A PLUSIEURS COUCHES POUR LE MARQUAGE DURABLE DE PIECES

(71) TESA AG [DE/DE]; Quickbornstrasse 24, 20253 Hamburg (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOOPS, Arne [DE/DE]; Schulstrasse 31, 23881 Breitenfelde (DE). REITER, Sven [DE/DE]; Lämmersieth 39, 22305 Hamburg (DE).

(74) TESA AG; Quickbornstrasse 24, 20253 Hamburg (DE).

(81) JP US.

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

(51)⁷ B32B 27/32, B65D 65/40

(11) WO 03/080336 (13) A1

(21) PCT/EP03/02677

(22) 14 Mar/mar 2003 (14.03.2003)

(25) de (26) de

(30) 102 13 169.4 23 Mar/mar 2002 DE (23.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR THE PRODUCTION OF A CARDBOARD AND/OR PAPER COMPOSITE FOR A PACKAGING FOR HYGROSCOPIC GOODS AND PACKAGING MADE FROM SAID CARDBOARD AND/OR PAPER COMPOSITE

• PROCEDE DE FABRICATION D'UN COMPOSITE DE CARTON ET/OU DE PAPIER POUR EMBALLAGE DESTINE A DES PRODUITS HYGROSCOPHIQUES, ET EMBALLAGE AINSI FABRIQUE

(71) HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASSE, Eiko [DE/DE]; Am Falder 101, 40589 Düsseldorf (DE). BARTHEL, Wolfgang [DE/DE]; Schlieperstrasse 23a, 40764 Langenfeld (DE).

(81) AU BR CA CN DZ ID IL IN JP KR MX PL RU SG UA US ZA.

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

(51)⁷ B32B 31/00, B44C 5/04

(11) WO 03/080337 (13) A1

(21) PCT/SE03/00479

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 0200945-4 27 Mar/mar 2002 SE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A PROCESS FOR THE MANUFACTURE OF A DECORATIVE LAMINATE

• PROCEDE DE FABRICATION D'UN STRATIFIE DECORATIF

(71) PERGO (EUROPE) AB [SE/SE]; Stranddaregatan 8, S-231 25 Trelleborg (SE).

(72) SJÖBERG, Åke; Kyrkoled 8, S-227 31 Lund (SE). FACKLER, Fredrik; Ministervägen 29, S-227 62 Lund (SE). PERSSON, Hans; Färgarevägen 7, S-284 33 Perstorp (SE). STJERNBERG, Tomas; Trastvägen 65, S-284 36 Perstorp (SE). VILLARROEL, Patricio; Hasselvägen 8, S-284 32 Perstorp (SE). JOHANSSON, Roger; Bäckavägen

- 15B, S-284 32 Perstorp (SE). **KARLSSON, Anders**; Trastvägen 5A, S-239 32 Skanör (SE).
- (74) **STENBERG, Yngve**; Perstorp AB, S-284 80 Perstorp (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B32B 31/00**
- (11) **WO 03/080338** (13) A1
- (21) PCT/US03/08086
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) en (26) en
- (30) 10/102,100 **19 Mar/mar 2002 US (19.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **METHOD FOR PRODUCING A HYBRID LEAF SPRING**
- **PROCEDE DE PRODUCTION D'UN RESSORT A LAMES HYBRIDE**
- (71) **PACIFIC COAST COMPOSITES** [US/US]; 2350 Air park Way, Montrose, CO 81401 (US).
- (72) **MEATTO, Frank**; 330 Terrace Drive, Ridgeway, CO 81432 (US). **PILPEL, Edward**; 64 Ayrshire Lane, Avon, CT 06001 (US). **GORDON, D. Michael**; 2682 Stellar Court, Montrose, CO 81401 (US). **GORDON, David, C., Jr.**; 2390 Highview Trail, Vista, CA 92084 (US).
- (74) **MACKAS, Daniel, G.**; McCormick, Paulding & Huber LLP, Cityplace II., 185 Asylum Street, Hartford, CT 06103-4102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B32B 33/00, B65D 83/04**
- (11) **WO 03/080339** (13) A1
- (21) PCT/US03/06094
- (22) **27 Feb/fév 2003 (27.02.2003)**
- (25) en (26) en
- (30) 10/100,610 **18 Mar/mar 2002 US (18.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **CHILD RESISTANT SENIOR FRIENDLY MEDICAMENT LABEL**
- **ETIQUETTE DE MEDICAMENTS NE PRESENTANT PAS DE DANGER POUR LES ENFANTS ET FACILE D'UTILISATION POUR LES PERSONNES AGEES**
- (71) **STICKY BUSINESS LLC** [US/US]; 150 Round Hill Road, Rosalyn Heights, NY 11577 (US).
- (72) **BOLNICK, Richard**; 125 Gassa Boulevard, Farmingdale, NY 11735 (US).
- (74) **TSAVARIS, John, E., II**; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B41C 1/10, C09D 161/06**
- (11) **WO 03/080340** (13) A1
- (21) PCT/EP03/02800
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) en (26) en
- (30) VA2002 A 000029 **22 Mar/mar 2002 IT (22.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **COMPOSITIONS FOR POSITIVE HEAT SENSITIVE LITHOGRAPHIC PRINTING PLATES**
- **COMPOSITIONS POUR PLAQUES A IMPRESSION LITHOGRAPHIQUE, SENSIBLES A LA CHALEUR ET POSITIVES**
- (71) **LAMBERTI SPA** [IT/IT]; Via Piave, 18, I-21041 Albizzate (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NORCINI, Gabriele** [IT/IT]; Via Bruscischi, 923, I-21020 Comabbio (IT). **ROMAGNANO, Stefano** [IT/IT]; Via Volta, 4, I-21013 Gallarate (IT). **VISCONTI, Marco** [IT/IT]; Via Bicocca, 82, I-21100 Varese (IT). **LI BASSI, Giuseppe** [IT/IT]; Via Stretti, 4, I-21026 Gavirate (IT).
- (74) **LAMBERTI SPA**; Via Piave, 18, I-21041 Albizzate (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement
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- (51)⁷ **B41F 5/18, 5/24**
- (11) **WO 03/080341** (13) A1
- (21) PCT/ES02/00135
- (22) **20 Mar/mar 2002 (20.03.2002)**
- (25) es (26) es
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **FLEXOGRAPHIC PRINTER WITH ENCLOSURES AT A REGULATED TEMPERATURE AND VAPOUR EXTRACTION**
- **IMPRIMANTE FLEXOGRAPHIQUE AVEC ENCEINTES A TEMPERATURE REGULEE ET A EXTRACTION DE VAPEURS**
- (71) **COMEXI, SA** [ES/ES]; Pol. Industrial de Girona, Avenida Mas Pins, E-17457 Riudellots de la Selva (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **XIFRA I BOADA, Manuel** [ES/ES]; Pol. Industrial de Girona, Avenida Mas Pins, E-17457 Riudellots de la Selva (ES). **JULIA I FERRER, Joaquim** [ES/ES]; Pol. Industrial de Girona, Avenida Mas Pins, E-17457 Riudellots de la Selva (ES). **SAHUN PERES, Jordi** [ES/ES]; Pol. Industrial de Girona, Avenida Mas Pins, E-17457 Riudellots de la Selva (ES). **PUIG I VILA, Jordi** [ES/ES]; Pol. Industrial de Girona, Avenida Mas Pins, E-17457 Riudellots de la Selva (ES).
- (74) **MANRESA VAL, Manuel**; Rambla Catalunya, 32, E-08007 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM 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)⁷ **B41F 33/14, 33/00, 33/06, 31/02, 31/12, 13/60, B65H 45/28**
- (11) **WO 03/080342** (13) A1
- (21) PCT/IP03/03526
- (22) **24 Mar/mar 2003 (24.03.2003)**

- (25) ja (26) ja
- (30) 2002-83874 **25 Mar/mar 2002** JP
(25.03.2002)
- (30) 2002-97806 **29 Mar/mar 2002** JP
(29.03.2002)
- (30) 2002-97811 **29 Mar/mar 2002** JP
(29.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MISREGISTRATION WHEN PRINTING SPEED IS CHANGED, CUTTING MISREGISTRATION, OR PINTER IN WHICH VARIATION OF PRINTING DENSITY CAN BE CONTROLLED
- DEFAUT DE CADRAGE LORS DU CHANGEMENT DE LA VITESSE D'IMPRESSION, SUPPRESSION DU DEFAUT DE CADRAGE, OU IMPRIMANTE DANS LAQUELLE LA VARIATION DE LA DENSITE D'IMPRESSION PEUT ETRE CONTROLEE
- (71) MITSUBISHI HEAVY INDUSTRIES, LTD. [JP/JP]; 16-5, Konan 2-chome, Minato-ku, Tokyo 108-8215 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NOBUKAWA, Satoshi [JP/JP]; c/o Paper & Printing Machinery Division, MITSUBISHI HEAVY INDUSTRIES, LTD., 5007, Itozaki-cho, Mihara-shi, Hiroshima 729-0393 (JP). MAKINO, Shigeo [JP/JP]; c/o Paper & Printing Machinery Division MITSUBISHI HEAVY INDUSTRIES, LTD., 5007, Itozaki-cho, Mihara-shi, Hiroshima 729-0393 (JP). SENOO, Shinichiro [JP/JP]; c/o Paper & Printing Machinery Division MITSUBISHI HEAVY INDUSTRIES, LTD., 5007, Itozaki-cho, Mihara-shi, Hiroshima 729-0393 (JP). HAMAMOTO, Yoshitaka [JP/JP]; c/o Paper & Printing Machinery Division MITSUBISHI HEAVY INDUSTRIES, LTD., 5007, Itozaki-cho, Mihara-shi, Hiroshima 729-0393 (JP).
- (74) SANADA, Tamotsu; Kichijoji-Hirose Bldg. 5th Floor, 10-31, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).
- (81) CN US.
-
- (51)⁷ B41F 35/00
- (11) WO 03/080343 (13) A1
- (21) PCT/EP03/03040
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) de (26) de
- (30) 102 13 647.5 **27 Mar/mar 2002** DE
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR CLEANING A WASHING DEVICE OF AN OFFSET PRINTING MACHINE AND CLEANING DEVICE FOR CARRYING OUT SAID METHOD
- PROCEDE DE NETTOYAGE D'UN DISPOSITIF DE LAVAGE D'UNE IMPRIMANTE OFFSET ET DISPOSITIF DE NETTOYAGE CORRESPONDANT
- (71, 72) LEUFGENS, Hermann [DE/DE]; Bauschenberg 59, 52223 Stolberg (DE).
- (74) KOHLMANN, Kai; Donatusstrasse 1, 52078 Aachen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ B41J 2/01
- (11) WO 03/080344 (13) A1
- (21) PCT/JP03/02680
- (22) 6 Mar/mar 2003 (06.03.2003)
- (25) ja (26) ja
- (30) 2002-85923 **26 Mar/mar 2002** JP
(26.03.2002)
- (30) 2002-141099 **16 May/mai 2002** JP
(16.05.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • THREE-Dimensionally PRINTED IMAGE CREATING METHOD AND THREE-Dimensionally PRINTED ARTICLE
- PROCEDE DE CREATION D'IMAGE IMPRIMEE TRIDIMENSIONNELLE ET ARTICLE IMPRIME TRIDIMENSIONNEL
- (71) MASTERMIND CO., LTD. [JP/JP]; 9828-16, Aza Imaizumi, Oaza Kataoka, Shiojiri-shi, Nagano 399-0711 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OZAWA, Chizuo [JP/JP]; c/o MASTERMIND CO., LTD., 9828-16, Aza Imaizumi, Oaza Kataoka, Shiojiri-shi, Nagano 399-0711 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B41J 2/045, 2/055, 2/16
- (11) WO 03/080345 (13) A1
- (21) PCT/JP03/03657
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ja (26) ja
- (30) 2002-84121 **25 Mar/mar 2002** JP
(25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD OF ASSEMBLING INK JET HEAD UNIT
- PROCEDE D'ASSEMBLAGE D'UNE UNITE DE TETES D'IMPRESSION PAR JET D'ENCRE
- (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) KITAHARA, Toshihiro [JP/JP]; 2-5-24, Ichibancho, Tachikawa-shi, Tokyo 190-0033 (JP). HASHIMOTO, Tatsutoshi [JP/JP]; 2-15-37-203, Oyamadarakuradai, Machida-shi, Tokyo 194-0204 (JP). HASHI, Hiroshi [JP/JP]; 2-13-17-501, Izumi, Suginami-ku, Tokyo 168-0063 (JP). YOKOYAMA, Noriko [JP/JP]; 1861-12, Kobikicho, Hachioji-shi, Tokyo 193-0934 (JP).
- (74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigasaki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B41J 2/175, 29/38
- (11) WO 03/080346 (13) A1
- (21) PCT/FR03/00878
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) fr (26) fr
- (30) 02/03605 **22 Mar/mar 2002** FR
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HYDROELECTRIC COUPLING FOR A PRINthead AND A PRINTER EQUIPPED WITH ONE SUCH COUPLING
- RACCORD HYDRO-ELECTRIQUE POUR TETE D'IMPRIMANTE ET IMPRIMANTE EQUIPEE
- (71) IMAJE S.A. [FR/FR]; 9, rue Gaspard Monge, F-26501 BOURG LES VALENCE CEDEX (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COLOMBAT, Thierry [FR/FR]; Ancienne gare, F-07800 LA VOULTE S/RHONE (FR). COCAGNE, Julien [FR/FR]; 17 rue Frédéric Chopin, F-26000 VALENCE (FR).
- (74) DU BOISBAUDRY, Dominique; c/o Brevalex, 3 rue du Docteur Lancereaux, 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

Published / Publiée : (c)

(51)⁷ B41J 2/32, 29/02, 29/377

(11) WO 03/080347 (13) A1

(21) PCT/FR03/00874

(22) 19 Mar/mar 2003 (19.03.2003)

(25) fr (26) fr

(30) 02/03504 21 Mar/mar 2002 FR
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • THERMAL PRINTING MECHANISM,
IN PARTICULARLY APPLICABLE TO
PAYMENT TERMINALS
• MECANISME D-IMPRESSON THER-
MIQUE, NOTAMMENT APPLICABLE
AUX TERMINAUX DE PAIEMENT

(71) SOCIÉTÉ APS ENGINEERING SARL
[FR/FR]; 2 Bis Rue Dupont de l'Èure,
F-75020 Paris (FR).

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les États désignés sauf US)

(72, 75) MONTAGUTELLI, Denis, Claude,
Jean [FR/FR]; 3, rue Jean Jacques Rousseau,
F-93100 Montreuil Sous Bois (FR).

(74) Cabinet AGROS INNOVATION & AS-
SOCIES et al. / etc.; 5 bis avenue Gilles,
F-94340 Joinville le Pont (FR).

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

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

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(51)⁷ B41J 2/335

(11) WO 03/080348 (13) A1

(21) PCT/FR03/00875

(22) 19 Mar/mar 2003 (19.03.2003)

(25) fr (26) fr

(30) 02/03505 21 Mar/mar 2002 FR
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • THERMAL PRINTING HEAD COM-
PRISING A GUIDE MEMBER FOR
THE PRINT TAPE CONFIGURED AS

PROTECTIVE COVER FOR A FLEX-
IBLE CONTROL PRINTED CIRCUIT
BOARD

- TETE D'IMPRESSON THERMIQUE
COMPORTANT UN ORGANE DE GUI-
DAGE DE LA BANDE A IMPRIMER
QUI EST COMFORME EN CAPOT
DE PROTECTION D'UN CIRCUIT IM-
PRIME SOUPLE DE PILOTAGE

(71) SOCIETE APS ENGINEERING SARL
[FR/FR]; 2 bis, rue Dupont de l'Èure,
F-75020 Paris (FR).

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les États désignés sauf US)

(72, 75) MONTAGUTELLI, Denis, Claude,
Jean [FR/FR]; 3, rue Jean Jacques Rousseau,
F-93100 Montreuil Sous Bois (FR).

(74) Cabinet Argos Innovation & Associes et al.
/ etc.; 5bis avenue Gilles, F-94340 Joinville
Le Pont (FR).

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

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

Published / Publiée : (c)

(51)⁷ B41J 3/36, 15/04, 32/00

(11) WO 03/080349 (13) A1

(21) PCT/JP03/03765

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(30) 2002/89529 27 Mar/mar 2002 JP
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • CASSETTE, AND METHOD AND
TOOL DEVICE FOR DISASSEMBLING
THE CASSETTE

- CASSETTE ET SON PROCEDE ET SON
OUTIL DE DEMONTAGE

(71) BROTHER KOGYO KABUSHIKI
KAISHA [JP/JP]; 15-1, Naeshiro-cho,
Mizuho-ku, Nagoya-shi, Aichi 467-8561
(JP).

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

(72, 75) HORIUCHI, Takashi [JP/JP];
c/o BROTHER KOGYO KABUSHIKI
KAISHA, 15-1, Naeshiro-cho, Mizuho-ku,
Nagoya-shi, Aichi 467-8561 (JP).

NONO-
MURA, Yoshihito [JP/JP]; c/o BROTHER
KOGYO KABUSHIKI KAISHA, 15-1,
Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi
467-8561 (JP). KATO, Tsutomu [JP/JP];
c/o BROTHER KOGYO KABUSHIKI
KAISHA, 15-1, Naeshiro-cho, Mizuho-ku,
Nagoya-shi, Aichi 467-8561 (JP). TAKA-
HASHI, Toshio [JP/JP]; c/o BROTHER
KOGYO KABUSHIKI KAISHA, 15-1,
Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi
467-8561 (JP).

(74) MATSUOKA, Shuhei; Shin-Toshi-Cen-
ter Bldg. 5F, 24-1, Tsurumaki 1-chome,
Tama-shi, Tokyo 206-0034 (JP).

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

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

(51)⁷ B41J 3/36, 15/04, 32/00

(11) WO 03/080350 (13) A1

(21) PCT/JP03/03767

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(30) 2002/89525 27 Mar/mar 2002 JP
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • CASSETTE

- CASSETTE

(71) BROTHER KOGYO KABUSHIKI
KAISHA [JP/JP]; 15-1, Naeshiro-cho,
Mizuho-ku, Nagoya-shi, Aichi 467-8561
(JP).

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

(72, 75) HORIUCHI, Takashi [JP/JP];
c/o BROTHER KOGYO KABUSHIKI
KAISHA, 15-1, Naeshiro-cho, Mizuho-ku,
Nagoya-shi, Aichi 467-8561 (JP).

NONO-
MURA, Yoshihito [JP/JP]; c/o BROTHER
KOGYO KABUSHIKI KAISHA, 15-1,
Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi
467-8561 (JP). KATO, Tsutomu [JP/JP];
c/o BROTHER KOGYO KABUSHIKI
KAISHA, 15-1, Naeshiro-cho, Mizuho-ku,
Nagoya-shi, Aichi 467-8561 (JP). TAKA-
HASHI, Toshio [JP/JP]; c/o BROTHER
KOGYO KABUSHIKI KAISHA, 15-1,
Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi
467-8561 (JP).

(74) MATSUOKA, Shuhei; Shin-Toshi-Cen-
ter Bldg. 5F, 24-1, Tsurumaki 1-chome,
Tama-shi, Tokyo 206-0034 (JP).

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

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

(51)⁷ B41J 13/00, 13/10

(11) WO 03/080351 (13) A1

(21) PCT/JP03/02165

(22) 26 Feb/fév 2003 (26.02.2003)

(25) ja (26) ja

(30) 2002-84903 26 Mar/mar 2002 JP
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PRINTER

• IMPRIMANTE

(71) BROTHER KOGYO KABUSHIKI KAISHA [JP/JP]; 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP).

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

(72, 75) YAMAMOTO, Minoru [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP). SEO, Keiji [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP). OKUMURA, Takashi [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP). NAOE, Mutsuo [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP). TAIRA, Hiroshi [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP). SHIMADA, Katsuhiko [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP). YAMANASHI, Motoaki [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP).

(74) MATSUOKA, Shuhei; Shin-Toshi-Center Bldg. 5F, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B41J 15/02, 3/36

(11) WO 03/080352 (13) A1

(21) PCT/JP03/03766

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(30) 2002/89528 27 Mar/mar 2002 JP
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CASSETTE

• CASSETTE

(71) BROTHER KOGYO KABUSHIKI KAISHA [JP/JP]; 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP).

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

(72, 75) HORIUCHI, Takashi [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP). NONOMURA, Yoshihito [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP). KATO, Tsutomu [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP). TAKAHASHI, Toshio [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP).

(74) MATSUOKA, Shuhei; Shin-Toshi-Center Bldg. 5F, 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

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

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

(51)⁷ B41J 17/36, 17/32, 32/00, 35/36

(11) WO 03/080353 (13) A1

(21) PCT/JP03/03663

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 2002-89208 27 Mar/mar 2002 JP
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PRINTING DEVICE

• DISPOSITIF D'IMPRESSION

(71) BROTHER KOGYO KABUSHIKI KAISHA [JP/JP]; 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP).

(72) SHIBATA, Satoshi; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP). FUKUOKA, Mutsuo; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP).

(74) MATSUOKA, Shuhei; c/o MATSUOKA & Co., Shin-Toshi-Center Bldg. 5F 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

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

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

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

(51)⁷ B41J 29/46, 29/20

(11) WO 03/080354 (13) A1

(21) PCT/JP03/02167

(22) 26 Feb/fév 2003 (26.02.2003)

(25) ja (26) ja

(30) 2002-84791 26 Mar/mar 2002 JP
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PRINTER

• IMPRIMANTE

(71) BROTHER KOGYO KABUSHIKI KAISHA [JP/JP]; 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP).

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(72, 75) SEO, Keiji [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP). YAMANASHI, Motoaki [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP). YAMAMOTO, Minoru [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP).

(74) MATSUOKA, Shuhei; Shin-Toshi-Center Bldg. 5F, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B41J 29/46, 17/32, 32/00

(11) WO 03/080355 (13) A1

(21) PCT/JP03/03722

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 2002-089202 27 Mar/mar 2002 JP
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PRINTING APPARATUS

• APPAREIL D'IMPRESSION

(71) BROTHER KOGYO KABUSHIKI KAISHA [JP/JP]; 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP).

(72) ISOZAKI, Atsushi; c/o Brother Kogyo Kabushiki Kaisha, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP). KUNO, Hiroshi; c/o Brother Kogyo Kabushiki Kaisha, 15-1, Naeshiro-cho,

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(74) **KOIZUMI, Shin** et al. / etc.; 6F, Sigma Yushima Bldg., 37-4, Yushima 3-chome, Bunkyo-ku, Tokyo 113-0034 (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B41M 5/00, C08J 7/04

(11) WO 03/080356 (13) A1

(21) PCT/EP03/02868

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 0207089.4 26 Mar/mar 2002 GB (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PRINTABLE FILM
• FILM IMPRIMABLE

(71) **UCB, S.A.** [BE/BE]; Allée de la Recherche, 60, B-1070 Bruxelles (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUTTON, Neill** [GB/GB]; UCB Films, Station Road, Wigton, Cumbria CA7 9BG (GB). **SOUTHWARD, Richard** [GB/GB]; UCB Films, Station Road, Wigton, Cumbria CA7 9BG (GB).

(74) **KIRK, Martin** et al. / etc.; UCB, S.A., Intellectual Property Department, Allée de la Recherche, 60, B-1070 Bruxelles (BE).

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

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

Published / Publiée : (c)

(51)⁷ B41M 5/00, C09D 7/12

(11) WO 03/080357 (13) A1

(21) PCT/US03/08364

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/365,617 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COATING COMPOSITION COMPRISING COLLOIDAL SILICA AND GLOSSY INK JET RECORDING SHEETS PREPARED THEREFROM

• COMPOSITION DE REVETEMENT A BASE DE SILICE COLLOIDALE ET FEUILLES D'ENREGISTREMENT BRILLANTES A JET D'ENCRE PREPAREES A BASE DE CETTE COMPOSITION

(71) **W.R. GRACE & CO.-CONN.** [US/US]; 7500 Grace Drive, Columbia, MD 21044 (US).

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

(72, 75) **FRUGE, Daniel, Ray** [US/US]; 2413 Brickton Road, Wilmington, DE 19803 (US). **MICHOS, Demetrius** [GR/US]; 13649 Highland Road, Clarksville, MD 21029 (US).

(74) **BUNCH, William, D.**; W. R. GRACE & CO.-CONN., 7500 Grace Drive, Columbia, MD 21044 (US).

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

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

Declaration / Déclaration :

(s) for the following designation / pour la désignation suivante : US

(51)⁷ B41M 5/00

(11) WO 03/080358 (13) A1

(21) PCT/US03/08563

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/365,616 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COATING COMPOSITION COMPRISING COLLOIDAL SILICA AND GLOSSY INK JET RECORDING SHEETS PREPARED THEREFROM

• COMPOSITION DE REVETEMENT COMPRENANT UNE SILICE COLLOIDALE ET FEUILLES GLACEES POUR JET D'ENCRE FABRIQUEES A PARTIR DE CETTE COMPOSITION

(71) **W. R. GRACE & CO.-CONN.** [US/US]; 7500 Grace Drive, Columbia, MD 21044 (US).

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

(72, 75) **FRUGE, Daniel, Ray** [US/US]; 2413 Brickton Road, Wilmington, DE 19803 (US). **MICHOS, Demetrius** [GR/US]; 13649 Highland Road, Clarksville, MD 21029 (US).

(74) **BUNCH, William, D.**; W. R. Grace & Co.-Conn., 7500 Grace Drive, Columbia, MA 21044 (US).

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

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

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Declaration / Déclaration :

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(51)⁷ B41M 5/035, D06P 5/00

(11) WO 03/080359 (13) A1

(21) PCT/EP02/03687

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PROCESS FOR THE TREATMENT OF TRANSFER PRINTED PAPER AND THE PRINTED PAPER THUS OBTAINED

• PROCEDE POUR LE TRAITEMENT DE PAPIER IMPRIME PAR TRANSFERT ET PAPIER IMPRIME AINSI OBTENU

(71, 72) **PICONI, Corrado** [IT/IT]; Viale Rimembranze, 9, I-21053 Castellanza (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARIOTTI, Renato** [IT/IT]; Via Mantegazza, 28, I-20015 Parabiago (IT). **MENGATO, Daniela** [IT/IT]; Via Verdi, 24, I-20020 Dairago (IT).

(74) **DE GREGORI, Antonella** et al. / etc.; Ing. Barzanò & Zanardo Milano S.p.A., Via Borgonuovo, 10, I-20121 Milan (IT).

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

(84) AP (GH GM 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 HU 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)⁷ B41M 5/26, B42D 15/00

(11) WO 03/080360 (13) A1

(21) PCT/JP03/03202

(22) 17 Mar/mar 2003 (17.03.2003)

(25) ja (26) ja

(30) 2002-088979 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CUT COPYING PAPER FOR PRINTER

- PAPIER COUPÉ POUR COPIES POUR IMPRIMANTE
- (71) BROTHER KOGYO KABUSHIKI KAISHA [JP/JP]; 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOSHINO, Terumasa [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP). YAMAMOTO, Minoru [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP). SEO, Keiji [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP).
- (74) MATSUOKA, Shuhei; Shin-Toshi-Center Bldg. 5F, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B41M 5/38, 3/14, 3/06, 1/14, 1/18, 3/00
- (11) WO 03/080361 (13) A1
- (21) PCT/GB03/01193
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 0206677.7 21 Mar/mar 2002 GB (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • IMPROVEMENTS IN OR RELATING TO THERMAL TRANSFER PRINTING
• AMELIORATIONS APPORTEES A OU ASSOCIEES A L'IMPRESSION PAR TRANSFERT THERMIQUE
- (71) IMPERIAL CHEMICAL INDUSTRIES PLC [GB/GB]; 20 Manchester Square, London W1U 3AN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HANN, Richard, Anthony [GB/GB]; 46 Berners Street, Ipswich IP1 3LU (GB).
- (74) KEITH W NASH & CO; 90-92 Regent Street, Cambridge CB2 1DP (GB).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ B41N 1/14, B41C 1/10, B41F 7/02
- (11) WO 03/080362 (13) A1
- (21) PCT/JP03/03361
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) ja (26) ja
- (30) 2002-81844 22 Mar/mar 2002 JP (22.03.2002)
- (30) 2002-226540 2 Aug/août 2002 JP (02.08.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR REGENERATING LITHOGRAPHIC PRINTING PLATE, REGENERATING DEVICE, PRINTER, LITHOGRAPHIC PRINTING PLATE AND ITS PRODUCTION METHOD, AND LAYERED STRUCTURE BODY AND ITS PRODUCTION METHOD
• PROCEDE PERMETTANT DE REGENERER UNE PLAQUE D'IMPRESION LITHOGRAPHIQUE, DISPOSITIF DE REGENERATION, IMPRIMANTE, PLAQUE D'IMPRESION LITHOGRAPHIQUE ET PROCEDE DE FABRICATION ASSOCIE, ET CORPS DE STRUCTURE STRATIFIEE ET PROCEDE DE FABRICATION ASSOCIE
- (71) MITSUBISHI HEAVY INDUSTRIES, LTD. [JP/JP]; 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8315 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUDA, Yasuharu [JP/JP]; c/o Paper & Printing Machinery Division MITSUBISHI HEAVY INDUSTRIES, LTD., 5007, Itozaki-cho, Mihara-shi, Hiroshima 729-0393 (JP). SAKURAI, Hideaki [JP/JP]; c/o Paper & Printing Machinery Division, MITSUBISHI HEAVY INDUSTRIES LTD., 5007, Itozaki-cho, Mihara-shi, Hiroshima 729-0393 (JP). YASUI, Toyooki [JP/JP]; c/o HIROSHIMA Research & Development Center, MITSUBISHI HEAVY INDUSTRIES LTD., 6-22, Kan-on-shin-machi 4-chome, Nishi-ku, Hiroshima-shi, Hiroshima 733-8553 (JP). OHTO, Toyoshi [JP/JP]; c/o Mihara Ryoju Engineering Co. Ltd., 1-1, Kotobuki-cho, Mihara-shi, Hiroshima 729-0328 (JP).
- (74) SANADA, Tamotsu; Kichijoji-Hirose Bldg. 5th Floor, 10-31, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (b)
-
- (51)⁷ B42B
- (11) WO 03/080363 (13) A2
- (21) PCT/GB03/01260
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) en (26) en
- (30) 0206988.8 25 Mar/mar 2002 GB (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • IMPROVEMENTS IN AND RELATING TO BINDING APPARATUS
• AMELIORATIONS APPORTEES A UN APPAREIL DE RELIURE
- (71) JAMES BURN INTERNATIONAL LIMITED [GB/GB]; Douglas Road, Esher, Surrey KT10 8BD (GB).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IDSUND, Ake [SE/SE]; Varm-landsvagen 177, S-123 48 Farsta (SE).
- (74) FINDLAY, Alice, Rosemary; 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B42D 15/00, 15/10, B41M 3/14
- (11) WO 03/080364 (13) A1
- (21) PCT/EP03/02905
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 02007000.9 27 Mar/mar 2002 EP (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SECURITY PAPER AND OTHER SECURITY ITEMS
• PAPIER DE SECURITE ET AUTRES ARTICLES DE SECURITE
- (71) LANDQART [CH/CH]; Kantonsstrasse, CH-7302 Landquart (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOCHER, Christoph [CH/CH]; Hauptstrasse 27, CH-3254 Messen (CH).
- (74) BREMI, Tobias; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ B42D 15/00
- (11) WO 03/080365 (13) A2
- (21) PCT/EP03/03059
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) de (26) de

- (30) 102 13 794.3 **27 Mar/mar 2002** DE
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SECURITY ELEMENT
• ELEMENT DE SECURITE
- (71) GIESECKE & DEVRIENT GMBH [DE/DE]; Prinzregentenstrasse 159, 81677 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHNEIDER, Walter [DE/DE]; Stadlberg 11, 83714 Miesbach (DE).
- (74) KLUNKER, SCHMITT-NILSON, HIRSCH; Winzererstrasse 106, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B60B
- (11) WO 03/080366 (13) A2
- (21) PCT/US03/08267
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 60/365,618 **20 Mar/mar 2002** US
(20.03.2002)
- (30) 10/101,188 **20 Mar/mar 2002** US
(20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MODULAR DRIVE AXLE ASSEMBLY FOR MOTOR VEHICLES
• ENSEMBLE ESSIEU MOTEUR MODULAIRE POUR VEHICULES A MOTEUR
- (71) DANA CORPORATION [US/US]; P.O. Box 904, Toledo, OH 43697 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ALLMANDINGER, Timothy, B. [US/US]; 2917 East 1100 North, Roanoke, IN 46783 (US). HOEFER, Sean, K. [US/US]; 657 Fery Street, Wabash, IN 46992 (US). MASER, Gregory, J. [US/US]; 9622 Carine Cove, Ft. Wayne, IN 46835 (US). NANUA, Parvinder, S. [US/US]; 10622 Mohave Court, Ft. Wayne, IN 46804 (US). STUART, Edward, E. [US/US]; 4750 Flat Rock Trail, Payne, OH 45880 (US). IRWIN, Earl, J. [US/US]; 12409 Burning Tree Road, Ft. Wayne, IN 46845 (US).
- (74) STAVISH, Matthew, W. et al. / etc.; LINIAK, BERENATO & WHITE, 6550 Rock Spring Drive, Suite 240, Bethesda, MD 20817 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
- LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B60B 7/14
- (11) WO 03/080367 (13) A1
- (21) PCT/ES03/00138
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) es (26) es
- (30) P 200200704 **25 Mar/mar 2002** ES
(25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HUB CAP WITH BUILT-IN RIM-FIXING SCREWS
• ENJOLIVEUR DOTE DE VIS DE FIXATION A LA JANTE INTEGRES
- (71) ZANINI AUTO GRUP, S.A. [ES/ES]; Marineta, 2-5, Po. Ind. Llevant, Polígono Industrial Llevant, E-08150 Parets del Vallés (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CALDES SABANES, José [ES/ES]; Ricardo Villa, 6-6^D, E-08017 Barcelona (ES). MAYER PUJADAS, Augusto [ES/ES]; Montserrat, 17 - 1^O - 1^A, E-08190 Sant Cugat del Vallés (ES).
- (74) UNGRÍA LÓPEZ, Javier; Avenida Ramón y Cajal, 78, E-28043 Madrid (ES).
- (81) BR CA CN CZ JP KR MX US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ B60B 25/02, 3/16, 23/00
- (11) WO 03/080368 (13) A1
- (21) PCT/JP03/03416
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) ja (26) ja
- (30) 2002/81702 **22 Mar/mar 2002** JP
(22.03.2002)
- (30) 2002/298006 **10 Oct/oct 2002** JP
(10.10.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • VEHICLE WHEEL
• ROUE DE VEHICULE
- (71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Minami Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP). ZENIYA ALUMINUM ENGINEERING, LIMITED [JP/JP]; 176-1, Teshima-Minami 2-chome, Ikeda-shi, Osaka 563-0035 (JP). DAIDO KOGYO CO., LTD. [JP/JP]; 1-197, Kumasaka-cho, Kaga-shi, Ishikawa 922-0842 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HANDA, Akio [JP/JP]; c/o Kabushiki Kaisha Honda, Gijutsu Kenkyusho, 4-1,
- Chuo 1-chome, Wako-shi, Saitama 351-8555 (JP). YAMAGUCHI, Atsuko [JP/JP]; c/o Kabushiki Kaisha Honda, Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-8555 (JP). MAKI, Yuji [JP/JP]; c/o Kabushiki Kaisha Honda, Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-8555 (JP). SUZUKI, Shoji [JP/JP]; c/o Zeniya Aluminum Engineering, Limited, 176-1, Teshima-Minami 2-chome, Ikeda-shi, Osaka 563-0035 (JP). AMAKI, Kiyoshi [JP/JP]; c/o Zeniya Aluminum Engineering, Limited, 176-1, Teshima-Minami 2-chome, Ikeda-shi, Osaka 563-0035 (JP). NISHIMOTO, Toshio [JP/JP]; c/o Daido Kogyo Co., Ltd., 1-197, Kumasaka-cho, Kaga-shi, Ishikawa 922-0842 (JP).
- (74) SHIMODA, Yo-ichiro et al. / etc.; Meisan Tameike Bldg., 1-12, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) CA US.
-
- (51)⁷ B60B 35/04
- (11) WO 03/080369 (13) A1
- (21) PCT/FR03/00967
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) fr (26) fr
- (30) 02/03830 **27 Mar/mar 2002** FR
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SPINDLE WITH PLATE, PLATE FOR SAME AND PRODUCTION METHOD THEREOF
• FUSEE A PLATEAU, PLATEAU POUR CELLE-CI ET PROCEDE DE FABRICATION
- (71) VALMEX [FR/FR]; Rue Ferdinand Der-vaux, F-59690 Vieux Conde (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEROUX, Maxime [FR/FR]; 320, rue Pierre Delcourt, F-59970 Odomez (FR). LEHELLE, Bruno [FR/FR]; 1, rue Plancher Lecocq, F-59990 Sebourg (FR). AUGE, Jean-Luc [FR/FR]; 1, rue Simon Vouet, F-78560 Le Port Marly (FR).
- (74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60C 19/12, B29C 73/22 // B29L 30:00

(11) WO 03/080370 (13) A1

(21) PCT/JP03/03586

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(30) 2002-82375 25 Mar/mar 2002 JP
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TUBELESS TIRE

- PNEUMATIQUE SANS CHAMBRE A AIR

(71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP). THE YOKOHAMA RUBBER CO., LTD. [JP/JP]; 36-11, Shimbashi 5-chome, Minato-ku, Tokyo 105-8685 (JP).

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

(72, 75) MAKINO, Satoshi [JP/JP]; c/o HONDA GIKEN KOGYO KABUSHIKI KAISHA, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). TOYOSHIMA, Takayuki [JP/JP]; c/o HONDA GIKEN KOGYO KABUSHIKI KAISHA, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). WATANABE, Koji [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). FUKUTOMI, Takashi [JP/JP]; c/o THE YOKOHAMA RUBBER CO., LTD. HIRATSUKA FACTORY, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-8601 (JP). YAMAGUCHI, Yoichi [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).

(74) ISONO, Michizo; c/o ISONO INTERNATIONAL PATENT OFFICE, Sabo-kaikan annex, 7-4, Hirakawa-cho 2-chome, Chiyoda-ku, Tokyo 102-0093 (JP).

(81) US.

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

(51)⁷ B60C 23/04

(11) WO 03/080371 (13) A2

(21) PCT/EP03/03093

(22) 25 Mar/mar 2003 (25.03.2003)

(25) de (26) de

(30) 102 13 266.6 25 Mar/mar 2002 DE
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TYRE PRESSURE MONITORING SYSTEM

- SYSTEME DE SURVEILLANCE DE LA PRESSION DES PNEUS

(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) HAMMERSCHMIDT, Dirk [DE/AT]; Federaunerstr. 22, A-9586 Fünitz (AT).

(74) ZINKLER, Franz et al. / etc.; Patentanwälte, Schoppe, Zimmermann, Stöckeler & Zinkler, Postfach 246, 82043 Pullach bei München (DE).

(81) CN US.

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

(51)⁷ B60F 3/00, B62D 61/12

(11) WO 03/080372 (13) A1

(21) PCT/GB03/01154

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 0206903.7 23 Mar/mar 2002 GB
(23.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • VEHICLE WITH RETRACTABLE WHEEL

- VEHICULE A ROUES RETRACTABLES

(71) COVELINK MARINE LIMITED [GB/GB]; Royle Works, Staindrop, Co. Durham DL2 3NH (GB). BRITISH WATERWAYS BOARD [GB/GB]; Willow Grange, Church Road, Watford WD1 3QA (GB).

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

(72, 75) ROYLE, David, Albert, Cyril [GB/GB]; Covellink Marine Limited, Royle Works, Staindrop, Co Durham DL2 3NH (GB).

(74) HARRISON GODDARD FOOTE; Orlando House, 11c Compstall Road, Marple Bridge, Stockport SK6 5HH (GB) 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ B60G

(11) WO 03/080373 (13) A2

(21) PCT/US03/08271

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/365,388 18 Mar/mar 2002 US
(18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • VARIABLE RESPONSE BUSHING

- COUSSINET A REPOSE VARIABLE

(71, 72) SMITH, S., Gregory [US/US]; Nine Gates Rd., Yorklyn, DE 19736 (US). BEITZEL, Jeffrey [US/US]; 570 Executive Dr., Troy, MI 48083 (US).

(74) GOMEZ, Brian, A. et al. / etc.; Huntley & Associates, L.L.C., 1105 N. Market Street, P.O. Box 948, Wilmington, DE 19899-0948 (US).

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

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

(51)⁷ B60H 1/00

(11) WO 03/080374 (13) A1

(21) PCT/FR03/00852

(22) 17 Mar/mar 2003 (17.03.2003)

(25) fr (26) fr

(30) 02/03579 21 Mar/mar 2002 FR
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FLEXIBLE MAINTENANCE OF DUCTS INTEGRATED INTO THE HOUSING OF AN INSTALLATION IN A MOTOR VEHICLE

- MAINTIEN FLEXIBLE DE CONDUITS INTEGRE AU BOITIER D'UNE INSTALLATION DE VEHICULE AUTOMOBILE

(71) VALEO CLIMATISATION [FR/FR]; 8, rue Louis-Lormand, F-78321 La Verrière (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEAL, Fransisco [ES/FR]; C/o Valeo Climatization, 8, rue Louis-lormand, F-78321 La Verrière (FR).

(74) LEVEILLE, Christophe; Valeo Climatization, 8, rue Louis-Lormand, F-78321 La Verrière (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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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(51)⁷ **B60H 3/00**
(11) **WO 03/080375** (13) A1
(21) PCT/EP03/03100
(22) **25 Mar/mar 2003 (25.03.2003)**
(25) de (26) de
(30) 102 13 195.3 **25 Mar/mar 2002 DE**
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • AIR TREATMENT SYSTEM FOR A VEHICLE
• INSTALLATION DE TRAITEMENT D'AIR POUR VEHICULE
(71) **BEHR GMBH & CO.** [DE/DE]; Mauerstrasse 3, 70469 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BOSCHERT, Björn** [DE/DE]; Wacholderweg 7, 71254 Ditzingen (DE). **FREY, Marcus** [DE/DE]; Steinacher Strasse 1, 71404 Korb (DE). **GRÖMMER, Christian** [DE/DE]; Sântisblick 8, 88719 Stetten (DE). **RINCKLEB, Tilo** [DE/DE]; Reutlinger Strasse 44, 71732 Tamm (DE).

(74) **BEHR GMBH & CO.**; Intellectual Property, G-IP, Mauerstrasse 3, 70469 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

Declarations / Déclarations :
(u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ **B60J 3/04**
(11) **WO 03/080376** (13) A1
(21) PCT/CA03/00010
(22) **10 Jan/jan 2003 (10.01.2003)**
(25) en (26) en
(30) 2,384,684 **26 Mar/mar 2002 CA**
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • ACTIVE TYPE SUN LENS AND FRAME VEHICLE SUNGLASSES
• LENTILLE SOLAIRE ACTIVE ET VIERE SOLAIRE INTEGREE AU VEHICULE
(71, 72) **SHE, Xiao-Dong, Jack** [CA/CA]; 311 Bell Street-South, Apartment 609, Ottawa, Ontario K1S 4K1 (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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

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(t) for all designations / pour toutes les désignations

(51)⁷ **B60J 7/20**
(11) **WO 03/080377** (13) A1
(21) PCT/EP03/02797
(22) **18 Mar/mar 2003 (18.03.2003)**
(25) de (26) de
(30) 102 13 337.9 **25 Mar/mar 2002 DE**
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • REAR COVER FOR A CABRIOLET VEHICLE
• CAPOT ARRIERE POUR VOITURE DECAPOTABLE
(71) **CTS FAHRZEUG-DACHSYSTEME GMBH** [DE/DE]; Am Radeland 125, 21079 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WAGNER, Tobias** [DE/DE]; Cuxhavener Str. 273 K, 21149 Hamburg (DE).
(74) **MÜLLER, Gottfried et al.** / etc.; Wittner & Müller, Ochsenberg 16, 73614 Schorndorf (DE).
(81) US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **B60J 10/00, 10/06, 10/08**
(11) **WO 03/080378** (13) A1
(21) PCT/EP03/02792
(22) **18 Mar/mar 2003 (18.03.2003)**
(25) de (26) de
(30) 102 12 724.7 **21 Mar/mar 2002 DE**
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • SEAL ELEMENT FOR A VEHICLE COMPONENT
• ELEMENT D'ETANCHEITE POUR UN COMPOSANT DE VEHICULE
(71) **CTS FAHRZEUG-DACHSYSTEME GMBH** [DE/DE]; Am Radeland 125, 21079 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAISCH, Dieter** [DE/DE]; Finkenweg 20, 71277 Rutesheim (DE).
(74) **MÜLLER, Gottfried et al.** / etc.; Wittner & Müller, Ochsenberg 16, 73614 Schorndorf (DE).
(81) US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **B60K**
(11) **WO 03/080379** (13) A2
(21) PCT/US03/07808
(22) **14 Mar/mar 2003 (14.03.2003)**
(25) en (26) en
(30) 10/100,502 **18 Mar/mar 2002 US**
(18.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)

(54) • POWER TAKE OFF ASSEMBLY, DRIVE ASSEMBLY AND SAW USING POWER TAKE OFF ASSEMBLY
• ENSEMBLE PRISE DE FORCE, ENSEMBLE D'ENTRAINEMENT ET SCIE UTILISANT CET ENSEMBLE PRISE DE FORCE
(71) **ELECTROLUX PROFESSIONAL OUT-DOOR PRODUCTS, INC.** [US/US]; 18013 Cleveland Parkway, Suite 100, Cleveland, OH 44135-0920 (US).
(72) **BARATTA, Anthony**; 2565 West 237th Street, Torrance, CA 90505 (US). **PETERSON, Stan**; 935 NE 108th Street, Kansas City, MO 64155 (US). **CUEVAS, Luciano**; 12132 Canyon Hill Avenue, Sylmar, CA 91342 (US). **FERRIS, Matt**; 2103 Gold Rush Avenue, Palmdale, CA 93551 (US).

(74) **HENRICKS, James, A.**; Henricks, Slavin & Homes, 840 Apollo Street, Suite 200, El Segundo, CA 90245-4737 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **B60K 15/035, F16K 24/04**
(11) **WO 03/080380** (13) A1
(21) PCT/DE03/00856
(22) **17 Mar/mar 2003 (17.03.2003)**
(25) de (26) de
(30) 102 12 952.5 **22 Mar/mar 2002 DE**
(22.03.2002)
(30) 102 50 923.9 **31 Oct/oct 2002 DE**
(31.10.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • VALVE
• SOUPAPE
(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BAHL, Benoit** [FR/FR]; 35 rue Harpe, 57620 Götzenbruck (FR).
(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
(81) BR CN JP KR US.

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

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Declarations / Déclarations :

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(u) for / pour US only / seulement

(51)⁷ B60K 31/00

(11) WO 03/080382 (13) A1

(21) PCT/DE02/03626

(22) 25 Sep/sep 2002 (25.09.2002)

(25) de (26) de

(30) 102 12 985.1 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND DEVICE FOR SIGNALING DANGEROUS SITUATIONS IN A MOTOR VEHICLE

• PROCEDE ET DISPOSITIF POUR SIGNALER UNE SITUATION DANGEREUSE 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) SCHLICK, Michael [DE/DE]; Schwabstrasse 43, 71229 Leonberg (DE). HOETZEL, Juergen [DE/DE]; Reifeldstrasse 9, 61197 Florstadt (DE). SOHNKE, Thorsten [DE/DE]; Rheingastrasse 57a, 65719 Hofheim (DE). WEBER, Dirk [DE/DE]; Bahnhofstrasse 66, 71701 Schwieberdingen (DE). KUTTENBERGER, Alfred [DE/DE]; Hugo-Wolf-Strasse 4, 71696 Moeglingen (DE).

(81) US.

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

(51)⁷ B60K 37/00

(11) WO 03/080383 (13) A1

(21) PCT/EP03/03191

(22) 27 Mar/mar 2003 (27.03.2003)

(25) de (26) de

(30) 102 14 038.3 27 Mar/mar 2002 DE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR MOUNTING AN INSTRUMENT CLUSTER AND DASHBOARD

• DISPOSITIF DE MAINTIEN D'UN COMBINE D'INSTRUMENTS ET TABLEAU DE BORD

(71) SAI AUTOMOTIVE SAL GMBH [DE/DE]; Daimlerstrasse 1, 76744 Wörth/Rhein (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DOLL, Volker [DE/DE]; Weinstrasse 27, 76829 Ranschbach (DE). ADEL, Andreas [DE/DE]; Frimusweg 12a, 76764 Rheinabern (DE).

(74) RICHARDT, Markus et al. / etc.; Unter den Eichen 7, 65195 Wiesbaden (DE).

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

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

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(51)⁷ B60K 37/06

(11) WO 03/080384 (13) A1

(21) PCT/DE02/03925

(22) 17 Oct/oct 2002 (17.10.2002)

(25) de (26) de

(30) 102 12 684.4 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • OPERATING UNIT FOR A DRIVER ASSISTANCE SYSTEM

• UNITÉ DE COMMANDE POUR UN SYSTÈME D'ASSISTANCE À LA CONDUITE

(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) BRAEUCHLE, Goetz [DE/DE]; Schuetzenweg 2, 74934 Reichartshausen (DE). HEINEBRODT, Martin [DE/DE]; Breitscheidstr. 133, 70176 Stuttgart (DE). BOECKER, Juergen [DE/DE]; Pforzheimer Str. 350, 70499 Stuttgart (DE). GEHRKE, Helmar-Steffen [DE/DE]; Rieter Strasse 45, 71735 Eberdingen/Hochdorf (DE). GUENTHER, Clemens [DE/DE]; Roemerstrasse 40, 76275 Ettlingen (DE). IRION, Albrecht [DE/DE]; Schaedleweg 2, 70563 Stuttgart (DE).

(81) JP KR US.

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

(51)⁷ B60K 41/08, F16H 61/04

(11) WO 03/080385 (13) A1

(21) PCT/IB03/01098

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 10/107,512 27 Mar/mar 2002 US (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DRIVELINE TORQUE INTERRUPT SYSTEM

• SYSTEME INTERRUPTEUR DU COUPLE DE LA CHAÎNE CINEMATIQUE D'UN VEHICULE

(71) EATON CORPORATION [US/US]; Eaton Center, 1111 Superior Avenue, Cleveland, OH 44114-2584 (US).

(72) GENISE, Thomas, Alan; 449 N. Lafayette, Dearborn, MI 48128 (US).

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

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

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(51)⁷ B60N 2/34, 2/20

(11) WO 03/080386 (13) A1

(21) PCT/ES02/00138

(22) 21 Mar/mar 2002 (21.03.2002)

(25) es (26) es

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • VEHICLE SEAT WHICH CAN BE TRANSFORMED INTO A BED

• SIEGE POUR VEHICULES, TRANSFORMABLE EN LIT

(71) GRUPO ANTOLIN-INGENIERIA, S.A. [ES/ES]; Ctra. Madrid-Irún, Km. 244, 8, E-09007 Burgos (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUINEA PEÑA, José Antonio [ES/ES]; C/ Benedictinas de San José, 11 - 5° B, E-09003 Burgos (ES). SANTESTEBAN OTAZU, Raul [ES/ES]; C/ Padre Arregui, 17 - 1° D, E-09007 Burgos (ES).

(74) CARPINTERO LOPEZ, Francisco; Herrero & Asociados, S.L., Alcalá, 35, E-28014 Madrid (ES).

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

(84) AP (GH GM 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 HU 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)⁷ B60N 2/46

(11) WO 03/080387 (13) A1

(21) PCT/DE03/00998

(22) 26 Mar/mar 2003 (26.03.2003)

(25) de (26) de

(30) 102 13 727.7 26 Mar/mar 2002 DE (26.03.2002)

(30) 102 45 697.6 30 Sep/sep 2002 DE (30.09.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • ELBOW REST FOR VEHICLE DOORS
• ACCOUDOIR DESTINE A DES PORTIERES DE VEHICULES

(71, 72) EIDENS, Udo [DE/DE]; Schwinningstrasse 1A, 52076 Aachen (DE). KAPITZA, Peter [DE/DE]; Feuerweg 9a, 21244 Buchholz (DE).

(74) PATENTANWÄLTE JOSTARNDT - THUL; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declarations / Déclarations :

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(51)⁷ B60P 7/08, B65H 75/44

(11) WO 03/080388 (13) A1

(21) PCT/EP03/03122

(22) 26 Mar/mar 2003 (26.03.2003)

(25) de (26) de

(30) 202 04 780.6 26 Mar/mar 2002 DE (26.03.2002)

(30) 202 17 365.8 12 Nov/nov 2002 DE (12.11.2002)

(30) 202 19 239.3 12 Dec/déc 2002 DE (12.12.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • WINDING DEVICE FOR A CLAMPING BELT

- DISPOSITIF DE BOBINAGE POUR SANGLE DE SERRAGE

(71, 72) VON STACKELBERG, Matthias [DE/DE]; Freiheitstrasse 55, 78224 Singen (DE). RÄDLE, Norbert [DE/DE]; Friedrich-Ebert-Platz 1, 78224 Singen (DE).

(74) HIEBSCH, Gerhard, F. et al. / etc.; Hiebsch Behrmann, Heinrich-Weber-Platz 1, 78224 Singen (DE).

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

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B60Q 1/02

(11) WO 03/080389 (13) A1

(21) PCT/KR03/00601

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ko (26) en

(30) 20-2002-0009104 27 Mar/mar 2002 KR (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AIR VENT

- OUVERTURE D'AERATION

(71, 72) CHUNG, In-Seog [KR/KR]; 4-1401 Imgwang Apt., 1162 Maetan 3-dong, Paldal-gu, Suwon-si, Kyunggido 442-804 (KR).

(74) MOON, Seung-Young; 402 Teheran Building, 825-33, Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

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

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

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(51)⁷ B60Q 9/00

(11) WO 03/080390 (13) A1

(21) PCT/EP03/02665

(22) 14 Mar/mar 2003 (14.03.2003)

(25) de (26) de

(30) 102 12 756.5 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MOTOR VEHICLE WITH LANE-SWITCHING ASSISTANCE SYSTEM

- VÉHICULE ÉQUIPÉ D'UN SYSTÈME D'ASSISTANCE POUR CHANGER DE VOIE

(71) AUDI AG [DE/DE]; 85045 Ingolstadt (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) POPKEN, Markus [DE/DE]; Mozartstr. 2, 85139 Wettstetten (DE). VUKOTICH, Alejandro [DE/DE]; Elias-Holl-Str. 48, 85049 Ingolstadt (DE).

(74) THIELMANN, Frank; c/o Audi AG, 85045 Ingolstadt (DE).

(81) JP US.

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

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(51)⁷ B60R

(11) WO 03/080391 (13) A2

(21) PCT/SE03/00464

(22) 20 Mar/mar 2003 (20.03.2003)

(25) sv (26) en

(30) 0200909-0 22 Mar/mar 2002 SE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MULTI-FUNCTION DEVICE FOR A VEHICLE

- DISPOSITIF MULTIFONCTIONNEL CONÇU POUR UN VEHICULE

(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) RUNEFELT, Daniel [SE/SE]; Västergatan 25, 5 tr, S-151 45 Södertälje (SE). SIDENVALL, Carl [SE/SE]; Professorsvägen 25:3, S-977 54 Luleå (SE).

(74) SJÖGREN, Stina; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B60R

(11) WO 03/080392 (13) A2

(21) PCT/US03/08004

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 10/100,820 19 Mar/mar 2002 US (19.03.2002)

(30) 10/100,928 19 Mar/mar 2002 US (19.03.2002)

(30) 10/115,857 6 Jun/juin 2002 US (06.06.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DUAL FLOW INFLATOR FOR A VEHICULAR AIRBAG SYSTEM

- GONFLEUR A FLUX DOUBLE POUR SYSTÈME D'AIRBAGS DE VEHICULES

(71) AUTOLIV ASP, INC. [US/US]; 3350 Airport Road, Ogden, UT 84405 (US).

(72) RINK, Karl; 1277 Gold Hill Road, Princeton, ID 83857 (US). GREEN, David; 632 West 300 North, Brigham City, UT 84302 (US). YOUNG, Anthony; 794 West Highway 38, Malad, ID 83252 (US). DINSDALE, Paul; 1324 West 1200 North, Farr West, UT 84404 (US). WILSON, Tom; 631 North 2450 West, West Point, UT 84015 (US).

(74) METCALF, Craig; Madson & Metcalf, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B60R

(11) WO 03/080393 (13) A2

(21) PCT/US03/08240

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/104,237 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AIRBAG TETHER RETAINER

• ELEMENT DE RETENUE DE SANGLE D'ATTACHE D'AIRBAG

(71) AUTOLIV ASP, INC. [US/US]; 3350 Airport Road, Ogden, UT 84405 (US).

(72) DOMINISSINI, David; 15116 White, Allen Park, MI 48101 (US). JOHNSON, Brian; 3381 West Newark Road, Lapeer, MI 48446 (US).

(74) METCALF, Craig; Madson & Metcalf, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B60R 5/04, B60P 1/02

(11) WO 03/080394 (13) A2

(21) PCT/EP03/03072

(22) 25 Mar/mar 2003 (25.03.2003)

(25) de (26) de

(30) 102 13 307.7 25 Mar/mar 2002 DE (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • LOADING BASE FOR A VEHICLE AND LOADING DEVICE

• PLANCHER DE CHARGEMENT POUR UN VEHICULE ET DISPOSITIF DE CHARGEMENT

(71) SAI AUTOMOTIVE SAL GMBH [DE/DE]; Daimler Strasse 1, 76744 Wörth am Rhein (DE).

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

(72, 75) NICK, Albrecht [DE/DE]; Rischmühlensriede 8A, 38550 Isenbützel (DE). THOMA, Wulf [DE/DE]; Helenriede 4, 38518 Gifhorn (DE). SCHWARZ, Werner [DE/DE]; In den Baumäckern 5a, 76865 Insheim (DE).

(74) RICHARDT, Markus et al. / etc.; Unter den Eichen 7, 65195 Wiesbaden (DE).

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

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

(51)⁷ B60R 9/10

(11) WO 03/080395 (13) A1

(21) PCT/FR03/00798

(22) 13 Mar/mar 2003 (13.03.2003)

(25) fr (26) fr

(30) 02/03660 25 Mar/mar 2002 FR (25.03.2002)

(30) 02/12448 8 Oct/oct 2002 FR (08.10.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BICYCLE CARRIER WHICH CAN BE ATTACHED TO A VEHICLE

• PORTE-VELOS RAPPORABLE A UN VEHICULE

(71) SIEPA FRANCE S.A. - SOCIETE D'INNOVATION ET D'ETUDES POUR L'AUTOMOBILE [FR/FR]; Tours Bureaux du Broc Center, 1ère Avenue 5600 M, F-06510 LE BROC (FR).

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

(72, 75) GIROD, Frédéric [FR/FR]; C/O Office Méditerranéen de Brevets d'Invention, et de Marques, Cabinet HAUTIER, 24 rue Masséna, F-06000 NICE (FR). LALLEMENT, Olivier [FR/FR]; C/O Office Méditerranéen de Brevets d'Invention, et de Marques, Cabinet HAUTIER, 24 rue Masséna, F-06000 NICE (FR).

(74) HAUTIER, Jean-Louis et al. / etc.; C/O Office Méditerranéen de Brevets d'Invention, et de Marques, Cabinet HAUTIER, 24 rue Masséna, F-06000 NICE (FR).

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

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

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

Published / Publiée : (c)

(51)⁷ B60R 11/02

(11) WO 03/080396 (13) A1

(21) PCT/NL03/00224

(22) 25 Mar/mar 2003 (25.03.2003)

(25) nl (26) en

(30) 1020262 27 Mar/mar 2002 NL (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MODULAR ELECTRONIC DEVICE

• DISPOSITIF ELECTRONIQUE MODULAIRE

(71) WILDE, DE, Bouwe, Guustaaf, Dirk [NL/NL]; P.O.Box 132, NL-2160 AC Lisse (NL).

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

(72, 75) WILDE, DE, Jim, Sven, Anthony [NL/NL]; P.O.Box 132, NL-2160 AC Lisse (NL). WILDE, DE, Tom, Marnix, Alexander [NL/NL]; P.O.Box 132, NL-2160 AC Lisse (NL).

(74) VERNOUT, Robert; Sweelinckplein 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 (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 SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B60R 13/02, B32B 3/14

(11) WO 03/080397 (13) A1

(21) PCT/US03/08049

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 10/100,830 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A MULTICOLORED COVERSTOCK

• REVETEMENT MULTICOLORE

(71) POLYONE CORPORATION [US/US]; PolyOne Center, Avon Lake, OH 44012 (US).

(72) CAMPBELL, Ewen, A.; 665 Bellview Avenue, Winchester, VA 22601 (US). BRILLHART, David, R.; 135 Peach Avenue, Mount Jackson, VA 22842 (US). BROMLEY, Dennis, J.; 304 South Stewart Street, Winchester, VA 22601 (US). RANDOLPH, Addam, P.; 172 Arbutus Lane, Martinsburg, WV 25401

- (US). RATLIEF, Gregory, B.; 346 Green Spring Drive, Winchester, VA 22603 (US).
- (74) HORNICKEL, John, H. et al. / etc.; PolyOne Corporation, PolyOne Center, Avon Lake, OH 44012 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for all designations / pour toutes les désignations
-
- (51)⁷ B60R 19/18, 19/34
- (11) WO 03/080398 (13) A1
- (21) PCT/FR03/00953
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) fr (26) fr
- (30) 02/03768 26 Mar/mar 2002 FR (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • BUMPER BEAM WITH SHOCK ABSORBER FOR MOTOR VEHICLE
• POUTRE PARE-CHOCS AVEC ABSORBEUR D'ENERGIE POUR VEHICULE AUTOMOBILE
- (71) VALEO THERMIQUE MOTEUR [FR/FR]; 8, rue Louis Lormand, F-78321 La Verrière (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GUINEHUT, Sébastien [FR/FR]; 64, boulevard Edgar Quinet, F-75014 Paris (FR). LESTAVEL, Jérôme [FR/FR]; 16, rue de l'Etoile, F-75017 Paris (FR).
- (74) ROLLAND, Jean-Christophe; Valeo Thermique Moteur, 8, rue Louis Lormand, F-78321 La Verrière (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ B60R 21/00, 21/01
- (11) WO 03/080399 (13) A1
- (21) PCT/DE02/03621
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) de (26) de
- (30) 102 12 902.9 23 Mar/mar 2002 DE (23.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND ARRANGEMENT FOR CONTROLLING RETAINING MEANS WHICH CAN BE CONTROLLED IN AN ESPECIALLY REVERSIBLE MANNER
• PROCÉDE ET DISPOSITIF DE COMMANDE DE SYSTEMES DE RETENUE QUI PEUVENT ETRE COMMANDES NOTAMMENT DE FAÇON REVERSIBLE
- (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) SCHLICK, Michael [DE/DE]; Schwabstrasse 43, 71229 Leonberg (DE). HOETZEL, Juergen [DE/DE]; Reitfeldstrasse 9, 61197 Florstadt (DE). SOHNKE, Thorsten [DE/DE]; Rheingaustrasse 57a, 65719 Hofheim (DE). WEBER, Dirk [DE/DE]; Bahnhofstrasse 66, 71701 Schwieberdingen (DE). KUTTENBERGER, Alfred [DE/DE]; Hugo-Wolf-Strasse 4, 71696 Moeglingen (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)⁷ B60R 21/01
- (11) WO 03/080400 (13) A1
- (21) PCT/DE02/03623
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) de (26) de
- (30) 102 12 963.0 23 Mar/mar 2002 DE (23.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND SYSTEM FOR ACTUATING RESTRAINING MEANS
• PROCÉDE ET DISPOSITION POUR AMORCER DES DISPOSITIFS DE RETENUE
- (71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHLICK, Michael [DE/DE]; Schwabstrasse 43, 71229 Leonberg (DE). HOETZEL, Juergen [DE/DE]; Reitfeldstrasse 9, 61197 Florstadt (DE). SOHNKE, Thorsten [DE/DE]; Rheingaustrasse 57a, 65719 Hofheim (DE). WEBER, Dirk [DE/DE]; Bahnhofstrasse 66, 71701 Schwieberdingen (DE). KUTTENBERGER, Alfred [DE/DE]; Hugo-Wolf-Strasse 4, 71696 Moeglingen (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)⁷ B60R 21/16, 21/22
- (11) WO 03/080401 (13) A1
- (21) PCT/SE03/00295
- (22) 24 Feb/fév 2003 (24.02.2003)
- (25) en (26) en
- (30) 0207033.2 25 Mar/mar 2002 GB (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A METHOD OF ASSEMBLING AN AIRBAG, AND AN AIRBAG
• PROCÉDE POUR ASSEMBLER UN AIRBAG, ET AIRBAG CORRESPONDANT
- (71) AUTOLIV DEVELOPMENT AB [SE/SE]; S-447 83 Vårgårda (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KISMIR, Altay [CA/CA]; 129 Queen Street, P.O. Box 2137, Tilbury, Ontario N0P 2L0 (CA). STOW, David [CA/SE]; Lange-fjällgatan 5C, S-416 78 Gothenburg (SE).
- (74) MEULLER, Erik; Autoliv Development AB, SE-447 83 Vårgårda (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 SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B60R 21/16
- (11) WO 03/080402 (13) A1
- (21) PCT/SE03/00399
- (22) 11 Mar/mar 2003 (11.03.2003)
- (25) en (26) en
- (30) 0207244.5 27 Mar/mar 2002 GB (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • AN AIR-BAG
• AIRBAG
- (71) AUTOLIV DEVELOPMENT AB [SE/SE]; S-447 83 Vårgårda (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAYLOR, Ian [GB/GB]; 42 Brownlow Street, Whitechurch, Shropshire SY13 1QS (GB).
- (74) MEULLER, Erik; Autoliv Development AB, S-447 83 Vårgårda (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 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R 21/22, 21/16

- (11) WO 03/080403 (13) A1
(21) PCT/US03/08234
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 10/104,591 21 Mar/mar 2002 US (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • SIDE-IMPACT, VARIABLE THICKNESS VEHICULAR AIRBAG
• COUSSIN GONFLABLE DE SECURITE LATÉRAL D'ÉPAISSEUR VARIABLE POUR VÉHICULE
(71) AUTOLIV ASP, INC. [US/US]; 3350 Airport Road, Ogden, UT 84405 (US).
(72) ROBERTS, Brad; 20055 Blackfoot Drive, Clinton Township, MI 48038 (US). KAPRELIAN, Deanna; 58 Lincoln Street, Apt. 3, Mount Clemens, MI 48043 (US).
(74) METCALF, Craig; Madson & Metcalf, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R 22/28, 22/34

- (11) WO 03/080404 (13) A1
(21) PCT/JP02/02805
(22) 22 Mar/mar 2002 (22.03.2002)
(25) ja (26) ja
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • SEAT BELT RETRACTOR
• REFRACTEUR DE CEINTURE DE SECURITE
(71) ASHIMORI INDUSTRY CO., LTD. [JP/JP]; 10-18, Kitahorie 3-chome, Nishi-ku, Osaka-shi, Osaka 550-0014 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) INAGAWA, Yasuhiro [JP/JP]; 16-16-304, Saideraminamigaoka, Suita-shi, Osaka 565-0837 (JP). HAYASHI, Shizuna [JP/JP]; 19-18-102, Higashishojaku, Settsu-shi, Osaka 566-0025 (JP). SHINODA, Humihiko [JP/JP]; 3-7-24, Hibarigaoka, Takarazuka-shi, Hyogo 665-0805 (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) KR US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ B60R 22/46

- (11) WO 03/080405 (13) A2
(21) PCT/DE03/00426
(22) 13 Feb/fév 2003 (13.02.2003)
(25) de (26) de
(30) 102 12 996.7 22 Mar/mar 2002 DE (22.03.2002)
(30) 102 23 363.2 25 May/mai 2002 DE (25.05.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD AND DEVICE FOR ACTUATING A RESTRAINING MEANS IN A VEHICLE
• PROCEDE ET DISPOSITIF POUR AMORCER UN DISPOSITIF 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) THEISEN, Marc [DE/DE]; Elser Ring 43, 74354 Besigheim (DE).
(81) JP US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ B60R 25/02, B62D 5/04

- (11) WO 03/080406 (13) A2
(21) PCT/FR03/00879
(22) 19 Mar/mar 2003 (19.03.2003)
(25) fr (26) fr
(30) 02/03706 25 Mar/mar 2002 FR (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • STEERING SYSTEM RELEASE DEVICE FOR A VEHICLE WITH ELECTRIC POWER STEERING
• DISPOSITIF DE DÉBLOCAGE DE DIRECTION, POUR VÉHICULE ÉQUIPÉ D'UNE DIRECTION ASSISTÉE ÉLECTRIQUE
(71) SOCIETE DE MECANIQUE D'IRIGNY [FR/FR]; Zone Industrielle du Broteau, Rue du Broteau, F-69540 IRIGNY (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) CLAPEAU, Vincent [FR/FR]; 85 Rue Falguière, F-75015 PARIS (FR).
(74) CABINET GERMAIN & MAUREAU; B.P.6153, F-69466 LYON Cedex 06 (FR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GAGN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R 25/02

- (11) WO 03/080407 (13) A1
(21) PCT/JP03/03489
(22) 24 Mar/mar 2003 (24.03.2003)
(25) ja (26) ja
(30) 2002-81722 22 Mar/mar 2002 JP (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • ELECTRIC STEERING LOCK DEVICE
• DISPOSITIF DE VERROUILLAGE DE DIRECTION ELECTRIQUE
(71) KABUSHIKI KAISHA TOKAI RIKI DENKI SEISAKUSHO [JP/JP]; 260, Toyota 3-chome, Ohguchi-cho, Niwa-gun, Aichi 480-0195 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) OKUNO, Masanari [JP/JP]; c/o KABUSHIKI KAISHA TOKAI RIKI DENKI SEISAKUSHO, 260, Toyota 3-chome, Ohguchi-cho, Niwa-gun, Aichi 480-0195 (JP). FUNAYAMA, Tomoyuki [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). ASAHI, Toshio [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). KAKEGAWA, Tomoo [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).
(74) ONDA, Hironori; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu 500-8731 (JP).
(81) DE GB US.
(51)⁷ B60R 25/02
(11) WO 03/080408 (13) A1
(21) PCT/JP03/03490
(22) 24 Mar/mar 2003 (24.03.2003)
(25) ja (26) ja
(30) 2002-81723 22 Mar/mar 2002 JP (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • ELECTRIC STEERING LOCK DEVICE
• DISPOSITIF DE VERROUILLAGE DE DIRECTION ELECTRIQUE
(71) KABUSHIKI KAISHA TOKAI RIKI DENKI SEISAKUSHO [JP/JP]; 260, Toyota 3-chome, Ohguchi-cho, Niwa-gun, Aichi 480-0195 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SUZUKI, Noriyuki [JP/JP]; c/o KABUSHIKI KAISHA TOKAI RIKI DENKI SEISAKUSHO, 260, Toyota 3-chome, Ohguchi-cho, Niwa-gun, Aichi 480-0195 (JP). FUNAYAMA, Tomoyuki [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). ASAHI, Toshio [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). KAKEGAWA, Tomoo [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).
(74) ONDA, Hironori; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu 500-8731 (JP).

(81) DE GB US.

(51)⁷ B60S 1/40

(11) WO 03/080409 (13) A1

(21) PCT/EP03/02754

(22) 17 Mar/mar 2003 (17.03.2003)

(25) de (26) de

(30) 102 12 441.8 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • WIPER DEVICE COMPRISING A FLAT WIPER BLADE AND WIPER ARM

- DISPOSITIF D'ESSUIE-GLACE COMPRENANT UN BALAI D'ESSUIE-GLACE PLAT ET UN BRAS D'ESSUIE-GLACE

(71) VALEO SYSTEMES D'ESSUYAGE [FR/FR]; 8 rue Louis Lormand, ZA de l'Agiot, F-78321 La Verrière (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHOLL, Wolfgang [DE/DE]; Forststrasse 29, 74376 Gemmrigheim (DE). FINK, Andreas [DE/DE]; Pfarrstrasse 8, 71723 Grossbottwar (DE). SCHREMMER, Gerhard [DE/DE]; Köngisberger Str. 9, 74321 Bietigheim-Bissingen (DE). ERNST-MEIER, Heiko [DE/DE]; Westendstrasse 83, 74321 Bietigheim-Bissingen (DE).

(74) JAHN, Wolf-Diethart; Valeo Wischersysteme GmbH, Poststrässle 10, 74321 Bietigheim-Bissingen (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 SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

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(51)⁷ B60S 13/00, 13/02, B66F 7/06, 19/00, B60B 33/06, B64F 1/24

(11) WO 03/080410 (13) A1

(21) PCT/AU03/00343

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) PS 1303 22 Mar/mar 2002 AU (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A WHEELED ARRANGEMENT

- MECANISME A ROUES

(71, 72) CARTER, William, Shane [AU/AU]; 30 Fairway Drive, Safety Beach, Victoria 3936 (AU).

(74) GRIFFITH HACK PATENT & TRADE MARK ATTORNEYS; 509 St Kilda Road, MELBOURNE, Victoria 3004 (AU).

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

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

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

(51)⁷ B60T

(11) WO 03/080411 (13) A2

(21) PCT/EP03/03090

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 102 13 249.6 25 Mar/mar 2002 DE (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • OPERATING MECHANISM FOR A PARKING BRAKE

- MECANISME DE FONCTIONNEMENT POUR UN FREIN A MAIN

(71) FICO CABLES, S.A. [ES/ES]; C/ de Josep Pujol, s/n, E-08191 Rubi (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TERRADAS PRAT, Jaume [ES/ES]; C/ Rosselló, 492 2^o 2a, E-08025 Barcelona (ES). VIDAL JORNET, Jordi [ES/ES]; C/ Galvani 110 3^o 3a Terrassa, E-08025 Barcelona (ES). CALLEJÓN I AGRAMUNT, Ismael [ES/ES]; Centre d'Enginyeria d'Automoció (UPC), Av. Diagonal 647, E-08025 Barcelona (ES). ALVAREZ FLÓREZ, Jesús [ES/ES]; Centre d'Enginyeria d'Automoció (UPC), Av. Diagonal 647, E-08025 Barcelona (ES).

(74) WEGNER, Hans; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Galileiplatz 1, 81679 München (DE).

(81) CN JP US.

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

(51)⁷ B60T 7/04, 7/10, 11/04, 11/08, 13/74

(11) WO 03/080412 (13) A1

(21) PCT/EP03/03055

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 102 12 879.0 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • OPERATING MECHANISM FOR A PARKING BRAKE

- MECANISME D'ACTIONNEMENT D'UN FREIN DE STATIONNEMENT

(71) FICO CABLES, S.A. [ES/ES]; C/ de Josep Pujol, s/n, E-08191 Rubi (Barcelona) (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TERRADAS PRAT, Jaume [ES/ES]; C/Rosello 492 2^o 2a, E-08025 Barcelona (ES). VIDAL JORNET, Jordi [ES/ES]; C/ Galvani 110 3^o 3a Terrassa, E-08025 Barcelona

(ES). CALLEJÓN I AGRAMUNT, Ismael [ES/ES]; Centre d'Enginyeria d'Automoció (UPC), Av. Diagonal 647, E-08025 Barcelona (ES). ALVAREZ FLÓREZ, Jesús [ES/ES]; Centre d'Enginyeria d'Automoció (UPC), Av. Diagonal 647, E-08025 Barcelona (ES).

(74) HESS, Peter, K.; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Galileiplatz 1, 81679 München (DE).

(81) CN JP MX US.

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

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(51)⁷ B60T 13/22, 13/68, F03D 7/02

(11) WO 03/080413 (13) A1

(21) PCT/EP03/03046

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 102 13 096.5 23 Mar/mar 2002 DE (23.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HYDRAULIC BRAKE SYSTEM FOR A WIND ENERGY PLANT

- SYSTEME DE FREINAGE HYDRAULIQUE POUR INSTALLATION EOLIIENNE

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UPHUES, Ulrich [DE/DE]; Dannenbergstr. 3, 30459 Hannover (DE).

(74) HILLERINGMANN, Jochen et al. / etc.; Deichmannhaus am Dom, 50667 Cologne (DE).

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

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

(51)⁷ B60T 13/22, 13/68, F03D 7/02

(11) WO 03/080414 (13) A1

(21) PCT/EP03/03047

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 102 13 097.3 23 Mar/mar 2002 DE (23.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HYDRAULIC BRAKE SYSTEM FOR A WIND ENERGY PLANT

- SYSTEME DE FREIN HYDRAULIQUE DESTINE A UNE INSTALLATION D'ENERGIE EOLIIENNE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

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

(72, 75) **UPHUES, Ulrich** [DE/DE]; Dannenbergstr. 3, 30459 Hannover (DE).

(74) **HILLERINGMANN, Jochen et al.** / etc.; Deichmannhaus am Dom, 50667 Cologne (DE).

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

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

(51)⁷ **B60T 13/74, F16D 65/21**

(11) **WO 03/080415** (13) A1

(21) PCT/EP03/02970

(22) **21 Mar/mar 2003 (21.03.2003)**

(25) de (26) de

(30) 102 12 618.6 **21 Mar/mar 2002 DE (21.03.2002)**

(30) 102 28 115.7 **24 Jun/juin 2002 DE (24.06.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **ELECTRICALLY ACTUATABLE VEHICLE BRAKE AND METHOD FOR CONTROLLING AN ELECTRICALLY ACTUATABLE VEHICLE BRAKE**
• **FREIN AUTOMOBILE ELECTRIQUE ET PROCEDE DE COMMANDE D'UN FREIN AUTOMOBILE ELECTRIQUE**

(71) **LUCAS AUTOMOTIVE GMBH** [DE/DE]; Carl-Spaeter-Strasse 8, 56070 Koblenz (DE).

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

(72, 75) **GODLEWSKY, Gregor** [DE/DE]; Erich-Reger-Strasse 9, 56170 Bendorf (DE). **MAUR, Thomas** [DE/DE]; Gartenstrasse 1a, 56191 Weitersburg (DE). **KELLER, Michael** [DE/DE]; Rotenfels Strasse 7, 55595 Traisen (DE). **LEITER, Ralf** [DE/DE]; Konrad-Adenauer-Strasse 18, 56179 Valendar (DE). **KINDER, Ralf** [DE/DE]; Helfensteinstrasse 65, 56337 Eitelborn (DE). **POERTZGEN, Gregor** [DE/DE]; Merkenbildchenweg 23, 56068 Koblenz (DE).

(74) **SCHMIDT, Steffen, J.**; Wuesthoff & Wuesthoff, Patent- und Rechtsanwälte, Schweigerstr. 2, 81541 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **B60T 17/08**

(11) **WO 03/080416** (13) A1

(21) PCT/EP03/02972

(22) **21 Mar/mar 2003 (21.03.2003)**

(25) de (26) de

(30) 102 14 033.2 **27 Mar/mar 2002 DE (27.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **SPRING BRAKE ACCUMULATOR CYLINDER**
• **CYLINDRE DE FREIN A ACCUMULATEUR**

(71) **KNORR-BREMSE** [DE/DE]; Systeme für Nutzfahrzeuge GmbH, Moosacher Str. 80, 80809 München (DE).

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

(72, 75) **FANTAZI, Alain** [FR/FR]; 13, allée des Epinettes Les coteaux, F-14160 Dives sur mer (FR). **HEMERY, Franck** [FR/FR]; 6, rue de la Malbaie, F-14600 Honfleur (FR).

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

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

(51)⁷ **B60T 17/08**

(11) **WO 03/080417** (13) A1

(21) PCT/TR02/00035

(22) **17 Jul/juil 2002 (17.07.2002)**

(25) en (26) en

(30) 2002/00761 **21 Mar/mar 2002 TR (21.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **INTERNALLY VENTILATED CHAMBER OF SPRING BRAKE ACTUATOR**
• **CHAMBRE D'UN CYLINDRE DE FREIN A RESSORT VENTILEE A L'INTERIEUR**

(71) **ARFESAN ARKAN FREN ELEMENLARI SAN. VE TIC. A.S.** [TR/TR]; Organize Sanayi Bolgesi, Ihsandede Cad. 300.Sok. Gebze, 41480 Kocaeli (TR).

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

(72, 75) **ARKAN, Ahmet** [TR/TR]; Organize Sanayi Bolgesi, Ihsandede Cad. 300.Sok. Gebze, 41480 Kocaeli (TR). **BILSEN, Serkan** [TR/TR]; Organize Sanayi Bolgesi, Ihsandede Cad. 300.Sok. Gebze, 41480 Kocaeli (TR). **AKIN, Ahmet** [TR/TR]; Organize Sanayi Bolgesi, Ihsandede Cad. 300.Sok. Gebze, 41480 Kocaeli (TR).

(74) **AKSOY, Melike**; 1. Cad. 5/6, Bahcelievler, 06570 Ankara (TR).

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

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

(51)⁷ **B60T 17/08**

(11) **WO 03/080418** (13) A1

(21) PCT/TR02/00036

(22) **17 Jul/juil 2002 (17.07.2002)**

(25) en (26) en

(30) 2002/00762 **21 Mar/mar 2002 TR (21.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **SPRING BRAKE ACTUATOR WHICH ACCOMODATES DOUBLE O-RING ON ITS ADAPTER PLATE FOR IMPROVED SEALING**
• **CYLINDRE DE FREIN A RESSORT ET A PLAQUE D'ADAPTATION POUR VUE DE DEUX JOINTS TORIQUES POUR UNE MEILLEURE ETANCHÉITÉ**

(71) **ARFESAN ARKAN FREN ELEMENLARI SAN. VE TIC. A.S.** [TR/TR]; Gebze Organize Sanayi Bolgesi, Ihsandede Cad. 300.Sok. Gebze, 41480 KOCAELI (TR).

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

(72, 75) **ARKAN, Ahmet** [TR/TR]; Gebze Organize Sanayi Bolgesi, Ihsandede Cad. 300.Sok. Gebze, 41480 KOCAELI (TR). **BILSEN, Serkan** [TR/TR]; Gebze Organize Sanayi Bolgesi, Ihsandede Cad. 300.Sok. Gebze, 41480 KOCAELI (TR). **AKIN, Ahmet** [TR/TR]; Gebze Organize Sanayi Bolgesi, Ihsandede Cad. 300.Sok. Gebze, 41480 KOCAELI (TR).

(74) **AKSOY, Melike**; 1. Cadde 5/6, Bahcelievler, 06570 ANKARA (TR).

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

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

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

(51)⁷ B62D

(11) WO 03/080419 (13) A2
(21) PCT/US03/07550
(22) 13 Mar/mar 2003 (13.03.2003)
(25) en (26) en
(30) 60/366,307 20 Mar/mar 2002 US
(20.03.2002)
(30) 10/376,843 28 Feb/fév 2003 US
(28.02.2003)
(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A METHOD FOR CONFORMING A SIGNAL TO A FAULT REQUIREMENT USING A COMMAND LIMITING SCHEME
• PROCEDE POUR CONFORMER UN SIGNAL A UNE EXIGENCE DE FAUTES AU MOYEN D'UN SCHEMA DE LIMITATION DE COMMANDE

(71) DELPHI TECHNOLOGIES, INC. [US/US]; P.O. Box 5052, Mail code: 480-410-202, Troy, MI 48007-5052 (US).

(72) CHANDY, Ashok; 13489 Firestone Drive, Fenton, MI 48430 (US).

(74) FUNKE, Jimmy, L.; Delphi Technologies, Inc., Legal Staff, Post Office Box 5052, Mail Code: 480-410-202, Troy, MI 48007-5052 (US).

(81) JP.

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

(51)⁷ B62D 15/02, B60R 16/02

(11) WO 03/080420 (13) A1
(21) PCT/DE03/00607
(22) 26 Feb/fév 2003 (26.02.2003)
(25) de (26) de
(30) 102 13 224.0 25 Mar/mar 2002 DE
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • STEERING COLUMN MODULE FOR A MOTOR VEHICLE
• MODULE DE COLONNE DE DIRECTION CONÇU POUR UN VEHICULE AUTOMOBILE

(71) DELPHI TECHNOLOGIES, INC. [US/US]; 5725 Delphi Drive, Troy, MI 48007 (US).

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

(72, 75) RUDOLPH, Gerd [DE/DE]; Hauptstrasse 22, 55459 Aspisheim (DE). BESIER, Holger [DE/DE]; Schulstrasse 5, 65375 Oestrich-Winkel (DE).

(74) BECKER, Bernd; Patentanwälte Becker & Aue, Saarlandstrasse 66, 55411 Bingen (DE).

(81) US.

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

Published / Publiée : (c)

(51)⁷ B62D 29/04, F16B 5/02

(11) WO 03/080421 (13) A1
(21) PCT/EP03/02338
(22) 7 Mar/mar 2003 (07.03.2003)
(25) de (26) de
(30) 102 13 168.6 23 Mar/mar 2002 DE
(23.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PLASTIC FENDER FOR A MOTOR VEHICLE AND DEVICE FOR FASTENING THE SAME
• AILE DE VOITURE EN MATIERE PLASTIQUE ET DISPOSITIF DE FIXATION ASSOCIE

(71) BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT [DE/DE]; Petuelring 130, 80809 Muenchen (DE). DYNAMIT NOBEL KUNSTSTOFF GMBH [DE/DE]; Jahnstrasse 18, 91781 Weissenburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEHNER, Joachim [DE/DE]; Milbinger Strasse 4, 83098 Brannenburg (DE). FRIES, Bernd [DE/DE]; Schoenau 12, 91781 Weissenburg (DE).

(74) SCHERNHAMMER, Herbert et al. / etc.; c/o BMW AG, Patentabteilung AJ-3, 80788 Muenchen (DE).

(81) JP US.

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

(51)⁷ B62M 3/04, 3/06

(11) WO 03/080422 (13) A1
(21) PCT/IT02/00192
(22) 26 Mar/mar 2002 (26.03.2002)
(25) it (26) en
(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IMPROVED PEDAL UNIT FOR BICYCLES
• ENSEMBLE PEDALIER AMELIORE POUR BICYCLETTES

(71, 72) POLVANESI, Enos [IT/IT]; 1, Piazza 8 Marzo, I-52045 Foiano Della Chiana (IT).

(74) BARDINI, Marco, Luigi et al. / etc.; Società Italiana Brevetti S.p.A., 25, Corso dei Tintori, I-50122 Firenze (IT).

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

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

(51)⁷ B63B

(11) WO 03/080423 (13) A1
(21) PCT/PH02/00004
(22) 1 Mar/mar 2002 (01.03.2002)

(25) en (26) en
(43) 2 Oct/oct 2003 (02.10.2003)

(54) • STILTED CATAMARAN-TYPE VESSEL
• NAVIRE SURELEVE DE TYPE CATAMARAN

(71, 72) VINCI, Kenny, I. [US/PH]; Sainz Residence, 229-G Elisabeth Pond Ext., Cebu City, Cebu, Philippine 6000 (PH).

(74) BULILAN, Neptali, L.; Security Bank Centre, 11th Floor, 6776 Ayala Avenue, Makati City 1226 (PH).

(81) AU CN ES FI GB ID JP NZ OM PH PT SE TN ZM.

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

(51)⁷ B63B

(11) WO 03/080424 (13) A2
(21) PCT/SE03/00495
(22) 26 Mar/mar 2003 (26.03.2003)
(25) sv (26) en
(30) 0200930-6 26 Mar/mar 2002 SE
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • WATERBORNE VESSEL FOR SPORT AND LEISURE AND BOAT HULL INTENDED FOR A WATERBORNE VESSEL

• VAISSEAU MARIN DE SPORT ET DE LOISIRS ET COQUE DE BATEAU DESTINEE A UN VAISSEAU MARIN

(71) ALOT FRITID [SE/SE]; Sjövik 323, S-662 91 Åmål (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NORDSTRÖM, Mikael [SE/SE]; Sjövik 323, S-662 91 Åmål (SE). ENGLUND, Mikael [SE/SE]; Lilla Koppom Ollestugan, S-670 41 Koppom (SE). HANSSON, Henrik [SE/SE]; Stora vägen 36, Laxvik, S-305 95 Halmstad (SE).

(74) KYLIN, Peter et al. / etc.; Hynell Patenttjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (SE).

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

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

(51)⁷ B63B 9/06, B63C 3/06

(11) WO 03/080425 (13) A1
(21) PCT/FR03/00723

- (22) 6 Mar/mar 2003 (06.03.2003)
- (25) fr (26) fr
- (30) 02/03637 22 Mar/mar 2002 FR (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • STRUCTURE FOR THE TRANSPORT, INSTALLATION AND DISMANTLEMENT OF A BRIDGE OF A FIXED OIL PLATFORM AND METHOD FOR IMPLEMENTING SAID STRUCTURE
- STRUCTURE DE TRANSPORT, D'INSTALLATION ET DE DEMANTEMENT D'UN PONT D'UNE PLATE-FORME PETROLIERE FIXE ET PROCEDE DE MISE EN OEUVRE D'UNE TELLE STRUCTURE
- (71) TECHNIP-COFLEXIP [FR/FR]; Immeuble Technip, La Défense 6, 170, place Henri Régnauld, F-92973 PARIS LA DEFENSE CEDEX (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) THOMAS, Pierre-Armand [FR/FR]; Tour Défense 2000 - Apt 203, 23, rue Louis Pouey, F-92800 PUTEAUX (FR). TEIEN, Pal [NO/NO]; Kallumlia 14, N-1526 MOSS (NO).
- (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B63B 27/14
- (11) WO 03/080426 (13) A1
- (21) PCT/GR03/00011
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 20020100144 21 Mar/mar 2002 GR (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • REMOTE CONTROLLED ELECTRO-MECHANICAL MECHANISM FOR RAISING-LOWERING SCALES OF ACCESS OR GANGWAYS
- MECANISME ELECTROMECHANIQUE COMMANDE A DISTANCE POUR DES PASSERELLES OU DES PLANCHES D'EMBARQUEMENT POUVANT SE LEVER OU S'ABAISSE
- (71, 72) ZAFIRIDIS, Evangelos [GR/GR]; 3 Pergamou Street, GR-502 00 Ptolemaida Kozanis (GR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B63B 43/18
- (11) WO 03/080428 (13) A1
- (21) PCT/GB03/01192
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 0207056.3 26 Mar/mar 2002 GB (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B63B 29/02
- (11) WO 03/080427 (13) A1
- (21) PCT/FI03/00217
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 20020588 27 Mar/mar 2002 FI (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SYSTEM AND METHOD IN WATER-CRAFT OR OTHER STRUCTURE
- SYSTEME ET PROCEDE POUR NAVIRE OU AUTRE STRUCTURE
- (71) KVAERNER MASA-YARDS OY [FI/FI]; Munkkisaarekatu 1, FIN-00150 Helsinki (FI). PIKKIO WORKS OY [FI/FI]; Kollamäentie 2, FIN-21500 Piikkiö (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ELORANTA, Sauli [FI/FI]; Paattistentie 368, FIN-21310 Vahto (FI). ROUTA, Tuomas [FI/FI]; Jääskeläntie 8, FIN-02660 Espoo (FI). WACKER, Jarmo [FI/FI]; Aisakatu 7 as. 6, FIN-20780 Kaarina (FI).
- (74) AWEK INDUSTRIAL PATENTS LTD OY; P.O.Box 230 (John Stenbergin ranta 2), FIN-00101 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (54) • MARINE CRAFT IMPACT PROTECTION
- PROTECTION CONTRE LES CHOCS POUR EMBARCATION MARINE
- (71) GIBBS TECHNOLOGIES LIMITED [—/—]; La Motte Chambers, St Helier, Jersey, JE1 1BJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LOCKE, Adrian, John [GB/GB]; 7 Alten Road, Waterlooville, Hampshire PO7 6DR (GB).
- (74) CHURCH, Simon, John et al. / etc.; Lewis & Taylor, 144 New Walk, Leicester LE1 7JA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ B63H 11/00
- (11) WO 03/080429 (13) A1
- (21) PCT/US03/07876
- (22) 13 Mar/mar 2003 (13.03.2003)
- (25) en (26) en
- (30) 10/100,330 18 Mar/mar 2002 US (18.03.2002)
- (30) Not furnished / non communiqué 13 Mar/mar 2003 US (13.03.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • AUXILIARY KEEL SYSTEM FOR MARINE CRAFTS POWERED BY JET PROPULSION SYSTEMS
- SYSTEME DE QUILLE AUXILIAIRE POUR EMBARCATIONS MARINES
- (71, 72) WALKOWIAK, Jeffrey, T. [US/US]; 5005 93rd Avenue North, Pinellas Park, FL 33782 (US).
- (74) LAPOINTE, Dennis, G.; Mason Law, P.A., Suite 500, 17757 U.S. Highway 19 North, Clearwater, FL 33764-6559 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B64C 11/38

(11) WO 03/080430 (13) A1

(21) PCT/US03/05770

(22) 25 Feb/fév 2003 (25.02.2003)

(25) en (26) en

(30) 10/102,478 19 Mar/mar 2002 US
(19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ACTUATION SYSTEM FOR A CONTROLLABLE PITCH PROPELLER
• SYSTEME D'ACTIONNEMENT POUR UNE HELICE A PAS REGLABLE

(71) HAMILTON SUNDSTRAND CORPORATION [US/US]; One Hamilton Road, Windsor Locks, CT 06096-1010 (US).

(72) AREL, David, V.; 45 Fern Hollow Drive, Granby, CT 06035 (US). PERKINSON, Robert; 10 Cricket Lane, Somers, CT 06071 (US). DANIELSON, David; 32 Randall Drive, Suffield, CT 06078-1224 (US).

(74) STEPHENSON, Gregory, R.; Hamilton Sundstrand Corporation, One Hamilton Road, MS 1-1-BC18, Windsor Locks, CT 06096-1010 (US).

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

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

(51)⁷ B64C 17/00, A01K 91/00, A63H 3/06, A63B 21/06

(11) WO 03/080431 (13) A1

(21) PCT/US03/08191

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 10/100,604 18 Mar/mar 2002 US
(18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ADJUSTABLE WEIGHT BALLASTS FOR WEIGHING DOWN DIFFERENTLY SIZED LIGHTER-THAN-AIR BALLOONS
• LEST A POIDS REGLABLE POUR ALOURDIR DES BALLONS A TAILLE VARIABLE PLUS LEGERES QUE L'AIR

(71, 72) ISAACS, Michael, S. [US/US]; 175 Fal-mouth Street, Brooklyn, NY 12235 (US).

(74) GREENSPAN, Myron et al. / etc.; Lackenbach Siegel LLP, One Chase Road, Scarsdale, NY 10583 (US).

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

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

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

(51)⁷ B64C 23/00, B64D 33/02, F02C 7/042

(11) WO 03/080432 (13) A1

(21) PCT/US03/08046

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 10/105,038 20 Mar/mar 2002 US
(20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • APPARATUS AND METHOD FOR VARIATION OF A WALL SKIN
• APPAREIL ET PROCEDE POUR VARIATION DE PEAU DE PAROI

(71) THE BOEING COMPANY [US/US]; P.O. Box 3707, M.S. 13-08, Seattle, WA 98124-2207 (US).

(72) DUNNE, James, P.; 293 Portwind Place, Ballwin, MO 63031 (US). KILIAN, Kevin, J.; 640 N. Woodlawn Avenue, Kirkwood, MO 63122 (US). PITT, Dale, M.; 8507 Maylor, Afton, MO 63123 (US). WHITE, Edward, V.; 10 Wolf Ridge Court, Street, Charles, MO 63303 (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 SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

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

(51)⁷ B64C 27/68, 27/74

(11) WO 03/080433 (13) A1

(21) PCT/BE03/00051

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 2002/0214 25 Mar/mar 2002 BE
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR STEERING A HELICOPTER
• DISPOSITIF DE COMMANDE D'UN HELICOPTERE

(71, 72) VAN DE ROSTYNE, Alexander [BE/BE]; Avenue de Québec 50, B-1330 Rixensart (BE).

(74) DONNE, E.; Bureau M.F.J. Bockstaal NV, Arenbergstraat 13, B-2000 Antwerpen (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B64C 31/06, 3/46

(11) WO 03/080434 (13) A1

(21) PCT/EP03/03051

(22) 24 Mar/mar 2003 (24.03.2003)

(25) de (26) de

(30) 102 13 401.4 26 Mar/mar 2002 DE
(26.03.2002)(30) 102 26 518.6 14 Jun/juin 2002 DE
(14.06.2002)(30) 102 50 756.2 31 Oct/oct 2002 DE
(31.10.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TUBEKITE WITH AN IMPROVED AERODYNAMIC PROFILE
• VOILE A BOUDIN A PROFIL D'ATTAQUE AMELIORE

(71, 72) KOZIEL, Georg [DE/DE]; Gottlieb-Olpp-Strasse 6, 72076 Tübingen (DE).

(74) KOCHER, Klaus-Peter; Moltkestrasse 24, 72810 Gomaringen (DE).

(81) AU US.

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

Published / Publiée : (c)

(51)⁷ B64C 37/00, B60F 5/00

(11) WO 03/080435 (13) A1

(21) PCT/ES02/00232

(22) 16 May/mai 2002 (16.05.2002)

(25) es (26) es

(30) P 200200683 22 Mar/mar 2002 ES
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AUTOCOPTER, LAND MOTOR VEHICLE WHICH CAN BE CONVERTED INTO AN AIRMOBILE

• AUTOCOPTERE VEHICULE AUTOMOBILE TERRESTRE A MOTEUR RECONVERTIBLE EN APPAREIL AERIEN

(71, 72) GOMEZ LOPEZ, Jose, Luis [ES/ES]; C/Escalinata N° 1-1° B, Madrid 28013 (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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM 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 HU 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), (n)

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(v) for the following designations / pour les désignations suivantes : AE AU BR DE GB JP KR RU SE US EP (DE FR GB GR IT SE)

(51)⁷ B64C 39/04, 37/02

(11) WO 03/080436 (13) A1

(21) PCT/EP03/02992

(22) 21 Mar/mar 2003 (21.03.2003)

(25) fr (26) fr

(30) 02/03641 22 Mar/mar 2002 FR (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TRIPLE-FUSELAGE AIRCRAFT AND FAMILIES OF AIRCRAFT OF SAID TYPE

• AVION A TROIS FUSELAGES ET FAMILLES D'AVIONS DE CE TYPE

(71) SOPRAVIA INC. [CA/CA]; 115 Chemin Cote Sainte-Catherine, Suite 705, Outremont, Québec H2V4R3 (CA).

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

(72, 75) ARMAND, Georges [FR/CA]; 115 Chemin Cote Sainte-Catherine, Suite 705, Outremont, Québec H2V4R3 (CA).

(74) LE BRUSQUE, Maurice; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B64D

(11) WO 03/080437 (13) A2

(21) PCT/US03/08009

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/365,482 18 Mar/mar 2002 US (18.03.2002)

(30) 60/394,119 3 Jul/juil 2002 US (03.07.2002)

(30) 10/391,039 17 Mar/mar 2003 US (17.03.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND SYSTEM FOR MOUNTING RADIO AVIONICS

• PROCEDE ET SYSTEME DE MONTAGE DE COMPOSANTS D'AVIONIQUE RADIO

(71, 72) LANDES, Mark, James [US/US]; 13141 Hubbard Avenue, Sylmar, CA 91342 (US). L'ESPERANCE, Victor, D. [US/US]; 228 W. Bonita Avenue, Claremont, CA 91711 (US).

(74) STONEMAN, Martin, L.; Stoneman Law Offices, Ltd., 3113 North 3rd Street, Phoenix, AZ 85012-2601 (US).

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

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

(51)⁷ B64D 25/12, 25/10

(11) WO 03/080438 (13) A1

(21) PCT/ES03/00125

(22) 17 Mar/mar 2003 (17.03.2003)

(25) es (26) es

(30) U 200200503 22 Mar/mar 2002 ES (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AIRCRAFT EJECTION DEVICE FOR PASSENGERS AND CARGO

• DISPOSITIF D'ÉJECTION DE PASSAGERS ET DE CHARGES DANS DES AÉRONEFS

(71, 72) MANZANO GOICOECHEA, Ricardo [ES/ES]; Barrio Bernagoitia, 15, E-48340 Amorebieta, Vizcaya (ES).

(74) IZQUIERDO FACES, José; Iparraguirre, 42-3^o izda., E-48011 Bilbao (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declarations / Déclarations :

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

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

(51)⁷ B64G 1/28, G05D 1/08, G01C 19/02

(11) WO 03/080439 (13) A1

(21) PCT/FR03/00855

(22) 18 Mar/mar 2003 (18.03.2003)

(25) fr (26) fr

(30) 02/03569 21 Mar/mar 2002 FR (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CONTROL MOMENT GYRO FOR ATTITUDE CONTROL OF A SPACE-CRAFT

• ACTIONNEUR GYROSCOPIQUE DE PILOTAGE DE L'ATTITUDE D'UN VEHICULE SPATIAL

(71) ASTRUM SAS [FR/FR]; 37, avenue Louis Breguet, F-78140 Velizy Villacoublay (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEFENDINI, Ange [FR/FR]; Les Toulzas, F-31380 Montjoire (FR). GUAY, Pascal [FR/FR]; 4 Impasse de la Garrigue, F-31140 Saint-Loup Cammas (FR). FAUCHEUX, Philippe [FR/FR]; 5, rue Antoine Berbie Blaize, F-31150 Gagnac sur Garonne (FR).

(74) LOISEL, Bertrand et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B65B 9/20

(11) WO 03/080440 (13) A1

(21) PCT/US03/06834

(22) 6 Mar/mar 2003 (06.03.2003)

(25) en (26) en

(30) 10/100,360 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • VERTICAL MULTIPACK

• EMBALLAGE MULTIPLE VERTICAL

(71) **RECOT, INC.** [US/US]; 5000 Hopyard Road, Suite 460, Pleasanton, CA 94588 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KNOERZER, Anthony, Robert** [US/US]; 8100 Greensboro Drive, Plano, TX 75025 (US). **KOHL, Garrett, William** [US/US]; 902 Sonora Drive, Allen, TX 75013 (US). **TUCKER, Steven, Kenneth** [US/US]; 412 E. Ellen Avenue, Hurst, TX 76503 (US).

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

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

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

Declarations / Déclarations :

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

(51)⁷ **B65B 9/20**

(11) **WO 03/080441** (13) A1

(21) PCT/US03/07505

(22) **12 Mar/mar 2003 (12.03.2003)**

(25) en (26) en

(30) 10/100,370 **18 Mar/mar 2002 US (18.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • VERTICAL STAND-UP POUCH
• SACHET A MAINTIEN VERTICAL

(71) **RECOT, INC.** [US/US]; 5000 Hopyard Road, Suite 460, Pleasanton, CA 94588 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BARTEL, Lawrence, Joseph** [US/US]; 313 South Prairie, Pilot Point, TX 76258 (US). **KNOERZER, Anthony, Robert** [US/US]; 8100 Greensboro Drive, Plano, TX 75025 (US). **KOHL, Garrett, William** [US/US]; 902 Sonora Drive, Allen, TX 75013 (US). **TUCKER, Steven, Kenneth** [US/US]; 412 E. Ellen Avenue, Hurst, TX 76503 (US).

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

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

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

Published / Publiée : (a)

Declarations / Déclarations :

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

(51)⁷ **B65B 11/50**

(11) **WO 03/080442** (13) A2

(21) PCT/FR03/00935

(22) **25 Mar/mar 2003 (25.03.2003)**

(25) fr (26) fr

(30) 02/03682 **25 Mar/mar 2002 FR (25.03.2002)**

(30) 02/04314 **8 Apr/avr 2002 FR (08.04.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • METHOD AND DEVICE FOR ASSEMBLING A BLISTER SHEET AND A LINERBOARD
• PROCEDE ET DISPOSITIF D'ASSEMBLAGE D'UN BLISTER ET D'UNE CARTONNETTE

(71) **PAKER** [FR/FR]; Z.A. de Chartres-Gellainville, 5, rue Gustave Eiffel, F-28630 Gellainville (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PASTERNICKI, Michel** [FR/FR]; 11, rue Stourm, F-78730 Saint-Arnoult (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 20, rue des Chazelles, F-75847 Paris Cedex 17 (FR).

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

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **B65B 11/54, 59/00**

(11) **WO 03/080443** (13) A1

(21) PCT/EP03/02771

(22) **17 Mar/mar 2003 (17.03.2003)**

(25) en (26) en

(30) BO2002A000155 **27 Mar/mar 2002 IT (27.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • FILM FOLDING AND SUPPLYING APPARATUS FOR STRETCH FILM PACKAGING MACHINES
• APPAREIL D'ALIMENTATION ET DE PLIAGE DE FILM POUR MACHINES D'EMBALLAGE A FILM ETIRABLE

(71) **A.W.A.X. PROGETTAZIONE E RICERCA S.R.L.** [IT/IT]; Via Per Sasuolo, 1863, I-41058 Vignola (IT). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RIMONDI, Renato** [IT/IT]; Via De Gasperi, 1, I-40053 Bazzano (IT).

(74) **PORSIA, Attilio** et al. / etc.; Succ. Ing. Fischetti & Weber, Via Caffaro, 3/2, I-16124 Genova (IT).

(81) CN US.

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

(51)⁷ **B65B 11/54**

(11) **WO 03/080444** (13) A1

(21) PCT/EP03/02772

(22) **17 Mar/mar 2003 (17.03.2003)**

(25) en (26) en

(30) BO2002A000154 **27 Mar/mar 2002 IT (27.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • MOVABLE GRIPPER FOR STRETCH FILM PACKAGING MACHINES
• PINCE MOBILE POUR MACHINES D'EMBALLAGE A FILM ETIRABLE

(71) **A.W.A.X. PROGETTAZIONE E RICERCA S.R.L.** [IT/IT]; Via Per Sasuolo, 1863, I-41058 Vignola (IT). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RIMONDI, Renato** [IT/IT]; Via De Gasperi, 1, I-40053 Bazzano (IT).

(74) **PORSIA, Attilio** et al. / etc.; Succ. Ing. Fischetti & Weber, Via Caffaro, 3/2, I-16124 Genova (IT).

(81) CN US.

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

(51)⁷ **B65B 13/18, 13/28, 27/10**

(11) **WO 03/080445** (13) A1

(21) PCT/IP03/02742

- (22) 7 Mar/mar 2003 (07.03.2003)
- (25) ja (26) ja
- (30) 2002-67449 12 Mar/mar 2002 JP
(12.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • REINFORCING BAR BINDING MACHINE
• FICELEUSE DE BARRES DE RENFORT
- (71) MAX CO., LTD. [JP/JP]; 6-6, Nihonbashihakozaki-cho, Chuo-ku, Tokyo 103-8502 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ISHII, Shuichi [JP/JP]; c/o Max Co., Ltd., 6-6, Nihonbashihakozaki-cho, Chuo-ku, Tokyo 103-8502 (JP). OKUBO, Shinichi [JP/JP]; c/o Max Co., Ltd., 6-6, Nihonbashihakozaki-cho, Chuo-ku, Tokyo 103-8502 (JP). ITAGAKI, Osamu [JP/JP]; c/o Max Co., Ltd., 6-6, Nihonbashihakozaki-cho, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B65B 39/00, 69/00, B65D 90/56
- (11) WO 03/080446 (13) A1
- (21) PCT/GB03/00856
- (22) 27 Feb/fév 2003 (27.02.2003)
- (25) en (26) en
- (30) 0206775.9 22 Mar/mar 2002 GB
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MATERIALS HANDLING EQUIPMENT
• APPAREIL DE DISTRIBUTION DE CONTENEUR EN VRAC
- (71) FLOMAT BAGFILLA INTERNATIONAL LIMITED [GB/GB]; Unit 2, Peakdale Road, Brookfield, Glossop, Derbyshire SK13 9LQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) POULTON, Barrie, Armstrong [GB/GB]; 42 Pittville Court, Albert Road, Cheltenham, Gloucestershire GL52 3JA (GB).
- (74) COLLINGWOOD, Anthony, Robert et al. / etc.; Lloyd Wise, McNeight & Lawrence, Regent House, Heaton Lane, Stockport, Cheshire SK4 1BS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ B65B 55/02
- (11) WO 03/080448 (13) A1
- (21) PCT/US03/08481
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) en (26) en
- (30) 10/100,153 18 Mar/mar 2002 US
(18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND PACKAGING SYSTEM FOR PACKAGING A STERILIZED ITEM
• PROCEDE ET SYSTEME DE CONDITIONNEMENT POUR UN ARTICLE STERILISE
- (71, 72) BANKS, Percival, C. [US/US]; 1301 Quarry Ct. Ste. 204, Richmond, CA 94801 (US).
- (74) BRUCKER, H, Michael; 5855 Doyle Street, Ste. 110, Emeryville, CA 94608 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ B65C 9/18, 9/28
- (11) WO 03/080449 (13) A1
- (21) PCT/IB03/00921
- (22) 13 Mar/mar 2003 (13.03.2003)
- (25) en (26) en
- (30) BO2002A000144 22 Mar/mar 2002 IT
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DEVICE FOR APPLYING ADHESIVE LABELS
• DISPOSITIF D'APPLICATION D'ETIQUETTES ADHESIVES
- (71) ICA SPA [IT/IT]; Via del litografo 7, I-40138 Bologna (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RAPPARINI, Gino [IT/IT]; Via del litografo 7, I-40138 Bologna (IT).
- (74) TROMBETTI, Gioia; Via Portazza 8, I-40139 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 SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ B65D
- (11) WO 03/080450 (13) A2
- (21) PCT/EP03/02722
- (22) 15 Mar/mar 2003 (15.03.2003)
- (25) de (26) de
- (30) 202 04 882.9 27 Mar/mar 2002 DE
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)

- (54) • HOLDER FOR A DRINK CONTAINER
• SUPPORT DESTINE A UN CONTENANT DE BOISSON

(71) FISCHER AUTOMOTIVE SYSTEMS GMBH [DE/DE]; Industriestrasse 103, 72160 Horb (DE).

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

(72, 75) SCHAAL, Falk [DE/DE]; Oberer Sulzberg 7, 72275 Alpirsbach (DE). BIECK, Torsten [DE/DE]; Schellenbergstr. 11, 72178 Waldachtal (DE).

(74) JUNG, Eugen; Fischer Automotive Systems GmbH, Patente/Lizenzen, Weinhalde 14-18, 72178 Waldachtal (DE).

(81) BR CN JP KR PL US.

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

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : BR CN JP KR PL EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ B65D

(11) WO 03/080451 (13) A2

(21) PCT/US03/08495

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 0206565.4 20 Mar/mar 2002 GB (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BASKET CARRIER FOR BOTTLES AND BLANK THEREFOR

• PORTE-BOUTEILLES ET DECOUPE A CET EFFET

(71) MEADWESTVACO PACKAGING SYSTEMS LLC [US/US]; One High Ridge Park, Stamford, CT 06905 (US).

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

(72, 75) BAKX, Martinus, C., M. [NL/NL]; Patijnweg 74, NL-4416 LS Goes (NL).

(74) SUZUKI, Tsugihiko; The Mead Corporation, 4850D North Church Lane, Smyrna, GA 30080 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B65D 1/02

(11) WO 03/080452 (13) A1

(21) PCT/JP03/03802

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(30) 2002-088301 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYNTHETIC RESIN BOTTLE

• BOUTEILLE EN RESINE SYNTHETIQUE

(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) ONODA, Yuko [JP/JP]; c/o Yoshino Kogyosho Co., Ltd., Osaka Plant, 6-9, Unobel-chome, Ibaraki-shi, Osaka 567-0042 (JP). OZAWA, Tomoyuki [JP/JP]; c/o Yoshino Kogyosho Co., Ltd., 2-6, Ojima 3-chome, Koto-ku, Tokyo 136-8531 (JP). TOMIYAMA, Shigeru [JP/JP]; c/o Yoshino Kogyosho Co., Ltd., 2-6, Ojima 3-chome, Koto-ku, Tokyo 136-8531 (JP). NAKAYAMA, Tadayori [JP/JP]; c/o Yoshino Kogyosho Co., Ltd., Matsudo Plant, 310, Minoridai, Matsudo-shi, Chiba 270-2297 (JP). TANAKA, Fuminori [JP/JP]; c/o Yoshino Kogyosho Co., Ltd., Matsudo Plant, 310, Minoridai, Matsudo-shi, Chiba 270-2297 (JP). ASARI, Tsutomu [JP/JP]; c/o Yoshino Kogyosho Co., Ltd., Matsudo Plant, 310, Minoridai, Matsudo-shi, Chiba 270-2297 (JP).

(74) WATANABE, Kazutoyo; 25-8, Nakano 2-chome, Nakano-ku, Tokyo 164-0001 (JP).

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

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

Declarations / Déclarations :

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

(51)⁷ B65D 5/24

(11) WO 03/080453 (13) A1

(21) PCT/US03/08331

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/364,767 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FOLDER CONTAINER AND METHOD

• CONTENEUR PLIANT ET PROCEDE ASSOCIE

(71) MEADWESTVACO CORPORATION [US/US]; Law Department, 4850D North Church Lane, Smyrna, GA 30080 (US).

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

(72, 75) HARALDSSON, Rune, K. [US/US]; , UT (US).

(74) BOWMAN, Donald, L. et al. / etc.; 11101 Johns Hopkins Road, Laurel, MD 20723 (US).

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

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

(51)⁷ B65D 5/74, B31B 1/84

(11) WO 03/080454 (13) A1

(21) PCT/EP02/14810

(22) 31 Dec/déc 2002 (31.12.2002)

(25) de (26) de

(30) 102 13 030.2 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • RECLOSABLE POURING ELEMENT
• ELEMENT VERSEUR REFERMABLE

(71) SIG COMBIBLOC SYSTEMS GMBH [DE/DE]; Russtrasse 58, 52441 Linnich (DE).

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

(72, 75) BERGER, Jörg [DE/DE]; Anton-Kohlhaas-Weg 2, 52428 Jülich (DE). DAMMERS, Matthias [DE/DE]; Blumenratherstrasse 118, 52477 Alsdorf (DE). JANSEN, Heinz [DE/DE]; Hescheld 36, 53940 Hellenthal (DE). SPELTEN, Franz-Willi [DE/DE]; Marktstrasse 47, 41844 Wegberg (DE).

(74) COHAUSZ & FLORACK (24); 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 NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B65D 19/38

(11) WO 03/080455 (13) A1

(21) PCT/US03/07551

(22) 13 Mar/mar 2003 (13.03.2003)

- (25) en (26) en
- (30) 10/102,193 **20 Mar/mar 2002** US
(20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DISPOSABLE/RECYCLABLE PALLET AND METHOD
• PALETTE JETABLE/RECYCLABLE ET PROCEDE ASSOCIE
- (63) US 10/102,193 (CON)
20 Mar/mar 2002 (20.03.2002)
- (71) COORS BREWING COMPANY [US/US]; 12th and East Streets, Golden, CO 80401 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LUCAS, Philip, J. [US/US]; 187 Antler Lane, Golden, CO 80403 (US). MAYER, Leo, W. [US/US]; 578 S. Alkire, Lakewood, CO 80228 (US).
- (74) GALLOWAY, Peter, D. et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ B65D 30/20, 33/06, 33/36
- (11) WO 03/080456 (13) A1
- (21) PCT/US03/08344
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 10/104,413 **21 Mar/mar 2002** US
(21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • STANDUP BAG AND METHOD OF MANUFACTURING SAME
• SAC A MAINTIEN VERTICAL ET PROCEDE DE FABRICATION ASSOCIE
- (71) HB CREATIVE, LLC [US/US]; Ten Pictsweet Drive, Bells, TN 38006 (US).
- (72) TANKERSLEY, James I.; Ten Pictsweet Drive, Bells, Tennessee 38006 (US).
- (74) ZIVIN, Norman, H.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B65D 33/24, 33/25, A44B 19/16, 19/26
- (11) WO 03/080457 (13) A1
- (21) PCT/AU03/00344
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) PS 1302 **22 Mar/mar 2002** AU
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • BAG WITH CRIMPED PORTION TO RETAIN SLIDER
• SAC PRESENTANT UNE PARTIE DEFORMEE RETENANT LE CURSEUR
- (71) INTERNATIONAL CONSOLIDATED BUSINESS PTY LTD [AU/AU]; Level 9, 51 Queen Street, Melbourne, Victoria 3000 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WITHERS, Philip, Craig [AU/AU]; 93/28 SouthGate Avenue, SouthBank, Victoria 3006 (AU).
- (74) GRIFFITH HACK; Level 3, 509 St. Kilda Road, Melbourne, Victoria 3004 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B65D 33/34
- (11) WO 03/080459 (13) A1
- (21) PCT/US03/06891
- (22) 7 Mar/mar 2003 (07.03.2003)
- (25) en (26) en
- (30) 10/102,003 **20 Mar/mar 2002** US
(20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • RECLOSABLE POLYMERIC BAGS WITH TAMPER EVIDENT FEATURES
• SACS POLYMERIQUES REFERMABLES DOTES DE CARACTERISTIQUES D'ALTERATION EVIDENTE
- (71) PACTIV CORPORATION [US/US]; 1900 W. Field Court, Lake Forest, IL 60045 (US).
- (72) REHWINKEL, Gary, E.; 22 Royal Drive, Fairport, NY 14450 (US).
- (74) GATZ, John, C. et al. / etc.; Jenkins & Gilchrist, 225 W. Washington Street, Suite 2600, Chicago, IL 60606-3418 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(t) for all designations / pour toutes les désignations
-
- (51)⁷ B65D 43/04
- (11) WO 03/080460 (13) A1
- (21) PCT/US03/08545
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 60/365,530 **20 Mar/mar 2002** US
(20.03.2002)
- (71) IDEMITSU UNITECH CO., LTD. [JP/JP]; 2-1, Koishikawa 1-chome, Bunkyo-ku, Tokyo 112-0002 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TANAKA, Kenichi [JP/JP]; 215-2, Kazurayama, Susono-shi, Shizuoka 410-1103 (JP). TAKAMURA, Ikuo [JP/JP]; 215-2, Kazurayama, Susono-shi, Shizuoka 410-1103 (JP).

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CONTAINER WITH STACKABLE BASE
• RECIPIENT AVEC BASE EMPILABLE
- (71) GRAHAM PACKAGING COMPANY, L. P. [US/US]; 2401 Pleasant Valley Road, York, PA 17402 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TRUDE, Gregory, Alan [US/US]; 94 Church Street, Seven Valleys, PA 17360 (US).
- (74) BURDETT, James, R. et al. / etc.; VENABLE, BAETJER, HOWARD & CIVILETTI, LLP, 1201 New York Avenue, Suite 1000, P.O. Box 34385, Washington, DC 20043-9998 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B65D 47/08, 51/16, 81/32
- (11) WO 03/080461 (13) A1
- (21) PCT/EP02/03151
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) de (26) de
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MULTI-CHAMBER CONTAINER COMPRISING A SUBSTANCE DISPENSING DEVICE
• RECEPACLE A CHAMBRES MULTIPLES POURVU D'UN DISPOSITIF DE DISTRIBUTION DE SUBSTANCE
- (71) BEIERSDORF AG [DE/DE]; Unnastrasse 48, 20253 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FELTEN, Bernhard [DE/DE]; Quellenweg 16A, 25421 Pinneberg (DE). PRIES, Holger [DE/DE]; Pferdemarkstrasse 6, 26789 Leer (DE).
- (74) BEIERSDORF AG; Unnastrasse 48, 20245 Hamburg (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : 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)⁷ B65D 47/32, 47/28
- (11) WO 03/080462 (13) A1
- (21) PCT/EP02/03152
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) de (26) de
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • VALVE DEVICE FOR OPENING A CONTAINER COMPRISING A RE-AERATION MECHANISM
• DISPOSITIF A VALVES DESTINE A L'OUVERTURE D'UN CONTENANT POURVU D'UN MECANISME DE RE-TROVENTILATION
- (71) BEIERSDORF AG [DE/DE]; Unnastrasse 48, 20253 Hamburg 20 (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FELTEN, Bernhard [DE/DE]; Quellenweg 16A, 24521 Pinneberg (DE). PRIES, Holger [DE/DE]; Pferdemarkstrasse 6, 26789 Leer (DE).
- (74) BEIERSDORF AG; Unnastrasse 48, 20245 Hamburg (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : 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)⁷ B65D 47/42, A45D 34/04
- (11) WO 03/080463 (13) A1
- (21) PCT/FR03/00680
- (22) 4 Mar/mar 2003 (04.03.2003)
- (25) fr (26) fr
- (30) 02/03503 21 Mar/mar 2002 FR (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PRODUCT DISPENSING DEVICE AND CONTAINER EQUIPPED THEREWITH
• DISPOSITIF D'APPLICATION DE PRODUIT ET RECIPIENT AINSI ÉQUIPÉ
- (71, 72) GERBRON, Jacques [FR/FR]; 19 avenue Carnot, F-06500 Menton (FR).
- (74) HAUTIER, Jean-Louis et al. / etc.; C/O Office Méditerranéen de Brevets d'Invention, et de Marques, Cabinet Hautier, 24, rue Masséna, F-06000 Nice (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ B65D 55/02, A61B 10/00, B01L 3/00, B65D 77/04, 79/02, 81/26, 55/06, G09F 3/00
- (11) WO 03/080464 (13) A1
- (21) PCT/GB03/00596
- (22) 11 Feb/fév 2003 (11.02.2003)
- (25) en (26) en
- (30) 0206456.6 19 Mar/mar 2002 GB (19.03.2002)
- (30) 10/120,155 11 Apr/avr 2002 US (11.04.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PACKAGING
• EMBALLAGE
- (71) ROYAL MAIL GROUP PLC [GB/GB]; 148 Old Street, London EC1V 9HQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WILLIAMSON, Alistair, John [GB/GB]; 30 High Lane, Chorlton Cum Hardy, Manchester M21 9DZ (GB).
- (74) MUSKER, David, Charles et al. / etc.; R.G.C. Jenkins & Co., 26 Caxton Street, London SW1H 0RJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ B65D 81/34, A23L 1/18, 1/164
- (11) WO 03/080465 (13) A1
- (21) PCT/US03/08203
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 60/365,433 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FLAVOURED POPCORN PRODUCT
• PRODUIT A BASE DE MAIS A ECLATER AROMATISE
- (71) CONAGRA FOODS, INC. [US/US]; 7450 Metro Boulevard, Edina, MN 55439 (US).
- (72) JENSEN, Michael, Laurence; 739 Ione Street, Spring Lake Park, MN 55432 (US). OHMAN, Nancy, Nelson; 7215 Brittany, Inver Grove Heights, MN 55077 (US). CHRISTENSEN, Deborah, L.; 9327 Kingsview Court, Maple Grove, MN 55369 (US). SCHILMOELLER, Lance, Bernard; 3469 Orchard Lane, Minnetonka, MN 55305 (US).
- (74) BRUESS, Steven, C.; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

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

Published / Publiée : (c)

(51)⁷ B65D 83/00

(11) WO 03/080466 (13) A1

(21) PCT/EP03/02917

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 02006773.2 25 Mar/mar 2002 EP
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PACKAGING ASSEMBLY

• ENSEMBLE CONDITIONNEMENT

(71) SOCIETE DES PRODUITS NESTLE
S.A. [CH/CH]; P.O. Box 353, CH-1800
Vevey (CH).

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

(72, 75) BOURGUIGNON, Michel [FR/FR]; 3,
rue du Château, F-14740 Lasson (FR).

(74) THOMAS, Alain; 55, avenue Nestlé,
CH-1800 Vevey (CH).

(81) AU BR CA CN CO CZ HU IL IN JP KR MX
NZ PH PL RU SK US ZA.

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

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AU BR CA CN CO CZ
HU IL IN JP KR MX NZ PH PL RU SK ZA EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PT RO SE SI SK TR)

(t) for the following designations / pour les
désignations suivantes : AU BR CA CN CO CZ
HU IL IN JP KR MX NZ PH PL RU SK ZA EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PT RO SE SI SK TR)
(u) for / pour US only / seulement

(51)⁷ B65D 83/02, A61J 1/00

(11) WO 03/080467 (13) A1

(21) PCT/AU03/00361

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) PS 1357 25 Mar/mar 2002 AU
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A MEDICAL SYRINGE CONTAINER

• RECEPTACLE DE SERINGUES MEDI-
CALES

(71) OCCUPATIONAL & MEDICAL INNO-
VATIONS LTD [AU/AU]; Unit 1, 12 Booran
Drive, Slacks Creek, Queensland 4127 (AU).

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

(72, 75) KIEHNE, Bruce, Leigh [AU/AU]; 1
Belinda Crescent, Springwood, Queensland
4127 (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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

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

(51)⁷ B65D 83/04

(11) WO 03/080468 (13) A1

(21) PCT/US03/08376

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 10/100.610 18 Mar/mar 2002 US
(18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CHILD RESISTANT SENIOR
FRIENDLY MEDICAMENT LABEL

• ETIQUETTE POUR MEDICAMENT
A L'EPREUVE DES ENFANTS ET
FACILE A UTILISER PAR LES PER-
SONNES AGEES

(71) STICKY BUSINESS LLC [US/US]; 150
Round Hill Road, Roslyn Heights, NY 11577
(US).

(72) BOLNICK, Martin; 7161 Woodbridge
Circle, Boca Raton, FL (US). BOLNICK,
Richard; 150 Round Hill Road, Roslyn
Heights, NY 11577 (US).

(74) TSAVARIS, John, E., II; 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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B65D 83/06

(11) WO 03/080469 (13) A1

(21) PCT/US03/06079

(22) 26 Feb/fév 2003 (26.02.2003)

(25) en (26) en

(30) 10/101,000 19 Mar/mar 2002 US
(19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ROTATABLE COMPACT CASE WITH
NON-REMOVABLE PILL PACKAGE
INSERT

• BOITE COMPACTE ROTATIVE AVEC
EMBALLAGE DE PILULES NON AMO-
VIBLE

(71) COMAR, INC. [US/US]; One Comar Place,
Buena, NJ 08310 (US).

(72) DONEGAN, Michael, Patrick; 313 Ipswich
Lane, Williamstown, NJ 08094 (US).

(74) RENZ, Eugene, E., Jr.; Eugene E. Renz, Jr.,
P.C., 205 North Monroe Street, Post Office
Box 2056, Media, PA 19063 - 9056 (US).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B65D 83/60

(11) WO 03/080470 (13) A2

(21) PCT/FR03/00927

(22) 24 Mar/mar 2003 (24.03.2003)

(25) fr (26) fr

(30) 02/03923 26 Mar/mar 2002 FR
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FLUID PRODUCT DISPENSER

• DISTRIBUTION DE PRODUIT FLUIDE

(71) VALOIS SAS [FR/FR]; B.P. G, Le Prieuré,
F-27110 Le Neubourg (FR).

(72) GARCIA, Firmin; 37 bis, avenue Aristide
Briand, F-27000 Evreux (FR). MILIAN,
Alex; Les Baux de Breteuil, Rue Thierry,
F-27160 Breteuil sur Iton (FR). UGUEN,
Fabienne; 5, chemin Mare Aube, F-27120
Le Val David (FR).

(74) CAPRI SAS; 94, avenue Mozart, F-75016
Paris (FR).

(81) BR CN JP.

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

(51)⁷ B65D 85/00, A45C 11/20

(11) WO 03/080471 (13) A1

(21) PCT/CN03/00089

(22) 28 Jan/jan 2003 (28.01.2003)

(25) zh (26) zh

(30) 02213288.0 11 Mar/mar 2002 CN
(11.03.2002)

(30) 02255632.X 25 Nov/nov 2002 CN
(25.11.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SEALED FOOD BOX

• BOITE ALIMENTAIRE HERMETIQUE-
MENT CLOSE

(71, 72) CAI, Cangyang [CN/CN]; Quanzhou
Meiyang Plastic metals Products Co., Ltd,
Fengweipu, Erlangxiangwei, East Street,
Quanzhou, Fujian 362000 (CN).

(74) SHOUCHUANG JUNHE PATENT
AGENT CO., LTD. XIAMEN; 5F, Labour

Force Market Building, No.191 Changqing Road, Xiamen, Fujian 361012 (CN).

(81) AT AU BR CA CZ DE DK ES FI GB ID IL IN IS JP KP KR MN MX NZ PH PL RO RU SE SG US VN.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ B65D 85/00

(11) WO 03/080472 (13) A1

(21) PCT/US03/08403

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 60/364,484 16 Mar/mar 2002 US (16.03.2002)

(30) 60/365,064 16 Mar/mar 2002 US (16.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • EVACUATION KIT

• TROUSSE D'EVACUATION

(71) HUMANSKALE CORP. [US/US]; 11 East 26th Street, 8th Floor, New York, NY 10010 (US).

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

(72, 75) KILDUFF, Edward [US/US]; 128 Wooster Street, New York, NY 10012 (US). PLAWNER, Mark [US/US]; 11 East 26th Street, 8th Floor, New York, NY 10010 (US). CHAPMAN, Dean [US/US]; 128 Wooster Street, New York, NY 10012 (US). KING, Robert [US/US]; 11 East 26th Street, 8th Floor, New York, NY 10010 (US).

(74) SCOTT, Walter; c/o Coudert Brothers LLP, 1114 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ B65D 85/10, 77/04, 3/26, 3/04, 5/02

(11) WO 03/080473 (13) A1

(21) PCT/EP03/02858

(22) 19 Mar/mar 2003 (19.03.2003)

(25) de (26) de

(30) 102 13 768.4 27 Mar/mar 2002 DE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CIGARETTE PACKAGING

• EMBALLAGE DE CIGARETTES

(71) SCHMERMUND VERPACKUNGSTECHNIK GMBH [DE/DE]; Brüggerfelder Strasse 16-18, 58285 Gevelsberg (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRUHN, Krister [SE/DE]; Alte Landstrasse 16, 23843 Neritz (DE). DÜSSELDORF, Klaus [DE/DE]; Ochsenkamp 63, 58285 Gevelsberg (DE).

(74) RÖHL, Wolf, Horst; Rethelstr. 123, 40237 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B65D 85/10, 5/18, B65B 19/22

(11) WO 03/080474 (13) A1

(21) PCT/EP03/50075

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) BO2002A000138 21 Mar/mar 2002 IT (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • RIGID CONTAINER FOR TOBACCO ITEMS AND METHOD OF PRODUCING SUCH A CONTAINER

• CONTENANT RIGIDE POUR ARTICLES A BASE DE TABAC ET SON PROCEDE DE FABRICATION

(71) G.D SOCIETÀ 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) SPATAFORA, Mario [IT/IT]; Via del Lavoro, 56, I-40100 BOLOGNA (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

Published / Publiée : (c)

(51)⁷ B65D 90/14, 88/12

(11) WO 03/080475 (13) A1

(21) PCT/CH02/00254

(22) 10 May/mai 2002 (10.05.2002)

(25) de (26) de

(30) 492/02 21 Mar/mar 2002 CH (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CONTAINER WITH HYDRAULIC SUPPORTS

• CONTENEUR A SUPPORTS HYDRAULIQUES

(71) PROSPECTIVE CONCEPTS AG [CH/CH]; Rietstrasse 50, CH-8702 Zollikon (CH).

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(72, 75) REINHARD, Andreas [CH/CH]; Frankengasse 23, CH-8001 Zürich (CH). OCH, Mathias [CH/CH]; Monda 3, CH-6654 Cavigliano (CH).

(74) SALGO, R.C.; Rütistrasse 103, CH-8636 Wald (CH).

(81) AU BR CA CN CZ HU IN JP KR MX NO NZ PL SI SK US ZA.

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

Published / Publiée : (a)

(51)⁷ B65D 90/22, 90/00

(11) WO 03/080476 (13) A1

(21) PCT/US03/08962

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 60/366,225 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SHADE ASSEMBLY FOR STORAGE TANK AND METHOD OF USE THEREOF

• ENSEMBLE A OMBRAGER POUR RESERVOIR DE STOCKAGE ET PROCEDE D'UTILISATION DE CELUI-CI

(71, 72) FORBIS, Jack, R., Sr. [US/US]; 283 Sundown Drive, Waco, TX 76712 (US). FORBIS, Ann, R. [US/US]; 283 Sundown Drive, Waco, TX 76712 (US).

(74) LECOINTE, Michelle, M.; Baker Botts L.L.P., Suite 1500, 98 San Jacinto Boulevard, 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 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

- NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **B65F 1/16**
- (11) **WO 03/080477** (13) A1
- (21) PCT/GB03/01201
- (22) **19 Mar/mar 2003 (19.03.2003)**
- (25) en (26) en
- (30) 0206499.6 **19 Mar/mar 2002 GB (19.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CONTAINER FOR WASTE MATERIAL
• CONTENEUR POUR DECHETS
- (71) **RMC (U.K.) Limited** [GB/GB]; RMC House, Coldharbour Lane, Thorpe, Egham, Surrey TW20 8TD (GB). **KING'S (I.P.) Limited** [GB/GB]; 60 North Street, Nazeing, Essex EN9 2NW (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CLARK, Gary** [GB/GB]; 7 Cowles, Cheshunt, Herts EN7 6HA (GB). **KING, Gerald** [GB/GB]; 60 North Street, Nazeing, Essex EN9 2NW (GB).
- (74) **SETNA, Rohan, Piloo et al.** / etc.; Boulton Wade Tennant, Verulam Gardens, 79 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65G**
- (11) **WO 03/080478** (13) A2
- (21) PCT/US03/08335
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) en (26) en
- (30) 60/365,109 **18 Mar/mar 2002 US (18.03.2002)**
- (30) Not furnished / **18 Mar/mar 2003 US non communiqué (18.03.2003)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • RECLAIMER DEVICE AND METHOD THEREOF
• DISPOSITIF DE REPRISE ET PROCEDE ASSOCIE
- (71, 72) **WALLER, Chris** [US/US]; Rockwood International, System Supply, Inc., 5950 H State Bridge Road, #231, Duluth, GA 30097 (US). **NILSSON, Bengt** [SE/US]; Rockwood International, System Supply, Inc., 5950 H State Bridge Road, #231, Duluth, GA 30097 (US). **HOOD, Kevin** [US/US]; Rockwood International, System Supply, Inc., 5950 H State Bridge Road, #231, Duluth, GA 30097 (US).
- (74) **MYERS, Joel**; Myers & Kaplan, Intellectual Property Law, LLC, 1827 Powers Ferry Road, Building 3, Suite 200, Atlanta, GA 30339 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65G**
- (11) **WO 03/080479** (13) A2
- (21) PCT/US03/08372
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) en (26) en
- (30) 60/366,372 **20 Mar/mar 2002 US (20.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SYSTEMS AND METHODS INCORPORATING AN END EFFECTOR WITH A ROTATABLE AND/OR PIVOTABLE BODY AND/OR AN OPTICAL SENSOR HAVING A LIGHT PATH THAT EXTENDS ALONG A LENGTH OF THE END EFFECTOR
• SYSTEMES ET PROCEDES INCORPORANT UN APPAREIL DE MANIPULATION DE BORD AVEC CORPS ROTATIF ET/OU PIVOTANT ET/OU UN CAPTEUR OPTIQUE DONT LE TRAJET LUMINEUX S'ETEND SUR UNE LONGUEUR DE L'APPAREIL DE MANIPULATION DE BORD
- (71) **FSI INTERNATIONAL, INC.** [US/US]; 3455 Lyman Boulevard, Chaska, MN 55318 (US).
- (72) **SIMONDET, Sean, D.**; 8550 McGuire Circle, Shakopee, MN 55379 (US).
- (74) **KAGAN, David, B. et al.** / etc.; KAGAN BINDER, PLLC, Suite 200 Maple Island Building, 221 Main Street North, Stillwater, MN 55082 (US).
- (81) CN JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ **B65G 7/04**
- (11) **WO 03/080480** (13) A1
- (21) PCT/FR03/00886
- (22) **20 Mar/mar 2003 (20.03.2003)**
- (25) fr (26) fr
- (30) 02/03603 **22 Mar/mar 2002 FR (22.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DEVICE FOR DISPLACING A BULKY LOAD
• DISPOSITIF POUR LE DEPLACEMENT D'UNE CHARGE VOLUMINEUSE
- (71) **SARL INSTALLATIONS MAGASINS GERARD ROCQUET (IMGR)** [FR/FR]; Route de St. Pons, F-34360 Saint-Chinian (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROCQUET, Gérard** [FR/FR]; Route de St. Pons, F-34360 Saint-Chinian (FR).
- (74) **RHEIN, Alain**; Cabinet Brev & Sud, 2460, avenue Albert Einstein, F-34000 Montpellier (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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **B65G 25/08, 25/10, B65F 3/14, B65B 13/20, 63/02**
- (11) **WO 03/080481** (13) A1
- (21) PCT/AU03/00349
- (22) **21 Mar/mar 2003 (21.03.2003)**
- (25) en (26) en
- (30) PS 1251 **21 Mar/mar 2002 AU (21.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INCREMENTAL MATERIAL URGING SYSTEM
• SYSTEME DE COMPACTAGE DE MATIERES PAR PETITS PAS
- (71) **BYRNE TRAILER MANUFACTURING (WAGGA WAGGA) PTY LTD** [AU/AU]; 278 Hammond Avenue, Wagga Wagga, NSW 2650 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BYRNE, Laurence, Michael** [AU/AU]; 278 Hammond Avenue, Wagga Wagga, NSW 2650 (AU).
- (74) **WALLINGTON-DUMMER**; GPO Box 3888, Sydney, NSW 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)

- (51)⁷ B65G 45/00
(11) WO 03/080482 (13) A1
(21) PCT/US03/06789
(22) 7 Mar/mar 2003 (07.03.2003)
(25) en (26) en
(30) 2002-76694 19 Mar/mar 2002 JP
(19.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • CHIP DISCHARGE SYSTEM

• SYSTEME D'EVACUATION DE CO-PEAUX

- (71) MAYFRAN INTERNATIONAL [US/US]; P.O. Box 43038, 6650 Beta Drive, Cleveland, OH 44143-0038 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (71, 72) NISHIGUCHI, Shigeru [JP/JP]; 11-21, Fukawa Konan-Cho, Kouga-Gun, Shiga 520-3322 (JP).

- (74) KENT DANIELS, E., Jr.; Fay, Sharpe, Fagan, Minnich & McKee, 1100 Superior Avenue, 7Th Floor, Cleveland, OH 44114-2579 (US).

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

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

- (51)⁷ B65G 47/06, 47/56, B66B 9/00
(11) WO 03/080483 (13) A1
(21) PCT/DK03/00204
(22) 26 Mar/mar 2003 (26.03.2003)
(25) da (26) en
(30) PA 2002 00471 27 Mar/mar 2002 DK
(27.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
(54) • APPARATUS, DEVICE AND METHOD FOR HANDLING OF PRODUCT UNITS
• APPAREIL, DISPOSITIF ET PROCEDE DE MANIPULATION D'UNITES DE PRODUITS

- (71) SLAGTERIERNES FORSKNINGSSINSTITUT [DK/DK]; Maglegaardsvej 2, DK-4000 Roskilde (DK).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) JEPSEN, Erik, Lund [DK/DK]; Bringekrogen 38, DK-3500 Værløse (DK). FOLKMANN, Peter [DK/DK]; Engdraget 7, DK-4140 Borup (DK). THOEGERSEN, Klaus [DK/DK]; Skovbakkevej 30, DK-2920 Charlottenlund (DK).

- (74) SLAGTERIERNES FORSKNINGSSINSTITUT; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

- (51)⁷ B65G 47/50, B65H 19/12
(11) WO 03/080484 (13) A1
(21) PCT/DE02/04748
(22) 24 Dec/déc 2002 (24.12.2002)
(25) de (26) de
(30) 102 13 459.6 26 Mar/mar 2002 DE
(26.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
(54) • GOODS TRANSPORT SYSTEM AND METHOD FOR OPERATING A GOODS TRANSPORT SYSTEM
• SYSTÈME DE TRANSPORT DE MARCHANDISES ET PROCÉDÉ POUR FAIRE FONCTIONNER UN SYSTÈME DE TRANSPORT DE MARCHANDISES

- (71) KOENIG & BAUER AKTIENGESELLSCHAFT [DE/DE]; Friedrich-Koenig-Strasse 4, 97080 Würzburg (DE).
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- (72, 75) LEHRIEDER, Erwin, Paul, Josef [DE/DE]; Rittershäuser Strasse 3, 97253 Gaukönigshofen (DE).

- (74) KOENIG & BAUER AKTIENGESELLSCHAFT; Patente - Lizenzen, Friedrich-Koenig-Strasse 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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- (51)⁷ B65H 1/26, B41J 13/00
(11) WO 03/080485 (13) A1
(21) PCT/JP03/03201
(22) 17 Mar/mar 2003 (17.03.2003)
(25) ja (26) ja
(30) 2002-088899 27 Mar/mar 2002 JP
(27.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
(54) • PAPER SHEET PACKAGE
• EMBALLAGE DE FEUILLES DE PAPIER

- (71) BROTHER KOGYO KABUSHIKI KAISHA [JP/JP]; 15-1, Naeshiro-cho,

Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) YAMAMOTO, Minoru [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP). SEO, Keiji [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP). SUGIYAMA, Koji [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8561 (JP).

- (74) MATSUOKA, Shuhei; Shin-Toshi-Center Bldg. 5F, 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

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

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

- (51)⁷ B65H 5/00
(11) WO 03/080486 (13) A1
(21) PCT/JP03/02678
(22) 6 Mar/mar 2003 (06.03.2003)
(25) ja (26) ja
(30) 2002-60179 6 Mar/mar 2002 JP
(06.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
(54) • IMAGE FORMING DEVICE AND METHOD OF CLEANING THE IMAGE FORMING DEVICE
• DISPOSITIF DE FORMATION D'IMAGE ET PROCEDE DE NETTOYAGE DU DISPOSITIF DE FORMATION

- (71) BROTHER KOGYO KABUSHIKI KAISHA [JP/JP]; 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-0841 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) NAKASHIMA, Atsuhisa [JP/JP]; c/o Brother Kogyo Kabushiki Kaisha, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-0841 (JP).

- (74) ADACHI, Tsutomu; Nagoyaseni Bldg. 7F, 9-27, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP).

- (81) JP US.

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(11) WO 03/080487 (13) A1
(21) PCT/JP03/02453
(22) 3 Mar/mar 2003 (03.03.2003)
(25) ja (26) ja

- (30) 2002-56812 **4 Mar/mar 2002** JP
(04.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CONVEYING BELT AND CONVEYING MECHANISM
• BANDE ET MECANISME DE CONVOYAGE
- (71) **BROTHER KOGYO KABUSHIKI KAISHA** [JP/JP]; 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-0841 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAKASHIMA, Atsuhisa** [JP/JP]; c/o Brother Kogyo Kabushiki Kaisha, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 467-0841 (JP).
- (74) **ADACHI, Tsutomu**; Nagoyaseni Bldg. 7F, 9-27, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP).
- (81) JP US.
- Published / Publiée : (c)
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- (51)⁷ **B65H 19/12**
- (11) **WO 03/080488** (13) A2
- (21) PCT/DE03/00617
- (22) **26 Feb/fév 2003 (26.02.2003)**
- (25) de (26) de
- (30) 102 13 462.6 **26 Mar/mar 2002** DE
(26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • AUTOMATIC REEL CHANGER COMPRISING A REEL STAND AND A METHOD FOR DISPOSING OF RESIDUAL REEL CASINGS
• CHANGEUR DE BOBINES COMPRENANT UN PORTE-BOBINE ET PROCEDE D'ELIMINATION DE MANDRINS RESTANTS
- (71) **KOENIG & BAUER AKTIENGESELLSCHAFT** [DE/DE]; Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEHRIEDER, Erwin, Paul, Josef** [DE/DE]; Rittershäuser Str. 3, 97253 Gaukönigshofen (DE). **LIEBLER, Gert** [DE/DE]; Schützenrain 8, 97237 Altertheim (DE). **OLBORT, Josef, Herbert** [DE/DE]; Siebenbürgenstr. 9, 97350 Mainbernheim (DE).
- (74) **KOENIG & BAUER AKTIENGESELLSCHAFT**; Patente - Lizenzen, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65H 35/00**
- (11) **WO 03/080490** (13) A2
- (21) PCT/CA03/00398
- (22) **20 Mar/mar 2003 (20.03.2003)**
- (25) en (26) en
- (30) 60/366,251 **22 Mar/mar 2002** US
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND APPARATUS FOR OVERLAPPING SHEETS IN A SHEET FEEDER AND PROVIDING THE OVERLAPPED SHEETS TO A PRINTING PRESS
• PROCEDE ET APPAREIL PERMETTANT DE SUPERPOSER DES FEUILLES DANS UN MARGEUR ET DE PRESENTER LES FEUILLES SUPERPOSEES A UNE PRESSE A IMPRIMER
- (71) **MAGNUM MANUFACTURING LIMITED** [CA/CA]; 34 Magnum Dr., Schomberg, Ontario L0G 1T0 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SPELLER, Michael** [CA/CA]; 34 Magnum Dr., Schomberg, Ontario L0G 1T0 (CA).
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- (51)⁷ **B65H 29/40**
- (11) **WO 03/080489** (13) A2
- (21) PCT/DE03/00671
- (22) **28 Feb/fév 2003 (28.02.2003)**
- (25) de (26) de
- (30) 102 13 461.8 **26 Mar/mar 2002** DE
(26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DEVICE FOR DELIVERING PRINTED PRODUCTS AND MACHINE AND METHOD FOR PROCESSING PRINTED PRODUCTS
• DISPOSITIF POUR TRANSFERER DES PRODUITS IMPRIMES, ET MACHINE ET PROCEDE POUR TRAITER DES PRODUITS IMPRIMES
- (71) **KOENIG & BAUER AKTIENGESELLSCHAFT** [DE/DE]; Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RATZ, Holger** [DE/DE]; Mozartstr. 58, 67227 Frankenthal (DE).
- (74) **KOENIG & BAUER AKTIENGESELLSCHAFT**; Patente - Lizenzen, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B66B**
- (11) **WO 03/080491** (13) A2
- (21) PCT/FI03/00207
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) fi (26) en
- (30) 20020559 **22 Mar/mar 2002** FI
(22.03.2002)
- (30) 20021101 **7 Jun/juin 2002** FI
(07.06.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ELEVATOR AND GUIDE FIXING BRACKET FOR AN ELEVATOR
• ASCENSEUR ET SUPPORT DE FIXATION DE GUIDAGE POUR ASCENSEUR
- (71) **KONE CORPORATION** [FI/FI]; Kartanontie 1, FIN-00330 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VALJUS, Petteri** [FI/FI]; Maununevantie 2 D 17, FIN-00430 Helsinki (FI). **ANTTILA, Aripekka** [FI/FI]; Kartanontie 12 A 9, FIN-04400 Järvenpää (FI). **MUSTALAHTI, Jorma** [FI/FI]; Raivaajantie 3, FIN-05620 Hyvinkää (FI). **AULANKO, Esko** [FI/FI]; Käenkatu 6 C 33, FIN-04230 Kerava (FI).
- (74) **KONE CORPORATION**; Patent Department, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B66B 1/06, 1/44, 11/02**
- (11) **WO 03/080492** (13) A1
- (21) PCT/IP03/03279
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) ja (26) ja

- (30) 2002-80982 **22 Mar/mar 2002** JP
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DOUBLE DECK ELEVATOR
• ASCENSEUR A DOUBLE CAGE
- (71) TOSHIBA ELEVATOR KABUSHIKI KAISHA [JP/JP]; 5-27, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUJITA, Yoshiaki [JP/JP]; 205, Rekuseru-Mansion, 18-23, Hachiman-cho 2-chome, Fuchu-shi, Tokyo 183-0016 (JP).
KONDO, Naoki [JP/JP]; 2-27-41, Shukugawara, Tama-ku, Kawasaki-shi, Kanagawa 214-0021 (JP).
- (74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) CN KR SG US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ B66B 7/06
- (11) WO 03/080493 (13) A1
- (21) PCT/JP03/03103
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) ja (26) ja
- (30) 2002-081936 **22 Mar/mar 2002** JP
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ROPE-SWING PREVENTION DEVICE, METHOD FOR DETECTING TIME TO REPAIR AND REPLACE THE DEVICE, AND METHOD FOR MANUFACTURING THE DEVICE
• DISPOSITIF EMPECHANT LE BALANCEMENT DU CABLE D'UN ASCENSEUR, PROCEDE POUR DETECTER LE MOMENT DE REPARATION ET DE REMPLACEMENT DU DISPOSITIF, PROCEDE DE FABRICATION DU DISPOSITIF
- (71) TOSHIBA ELEVATOR KABUSHIKI KAISHA [JP/JP]; 5-27, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (72) KIMURA, Hiroyuki; 18-5, Irie 1-chome, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0014 (JP). OSADA, Akira; 504, Shiki-Tsunashima-Mansion, 11-6, Saiwaicho 2-chome, Shiki-shi, Saitama 353-0005 (JP). KOBAYASHI, Hidehiko; 2-4-4, Nishimoto-machi, Kokubunji-shi, Tokyo 185-0023 (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 SG.
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- (51)⁷ B66B 9/04
- (11) WO 03/080494 (13) A1
- (21) PCT/GB03/01048
- (22) 12 Mar/mar 2003 (12.03.2003)
- (25) en (26) en
- (30) 0206883.1 **23 Mar/mar 2002** GB
(23.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ELEVATOR ASSEMBLY
• ENSEMBLE ELEVATEUR
- (71) DEL EQUIPMENT (UK) LTD [GB/GB]; Unit 2, Avenue 3, Station Lane, Witney, Oxon OX28 4BP (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SPARROWHAWK, Kenneth, Michael [GB/GB]; Laureston Cottage, Main Road, Curbridge, Oxon OX29 7NT (GB).
- (74) JOHNSTONE, Helen; Eric Potter Clarkson, Park View House, 58 The ropewalk, Nottingham NG1 5DD (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B66B 13/12, 13/22
- (11) WO 03/080495 (13) A1
- (21) PCT/CH03/00182
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) de (26) de
- (30) 02405242.5 **27 Mar/mar 2002** EP
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SHAFT MONITORING SYSTEM FOR AN ELEVATOR
• SYSTEME DE CONTROLE DE CAGE DESTINE A UN ASCENSEUR
- (71) INVENTIO AG [CH/CH]; Seestrasse 55, Postfach, CH-6052 Hergiswil (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DEPLAZES, Romeo [CH/CH]; Bahnhofstrasse 22, CH-5647 Oberruetli (CH). ANGST, Philipp [CH/CH]; Alte Baarerstrasse 3, CH-6300 Zug (CH).
- (74) INVENTIO AG; Seestrasse 55, Postfach, CH-6052 Hergiswil (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ B66D 1/44, 1/50, 1/08, 5/26
- (11) WO 03/080496 (13) A1
- (21) PCT/DE03/00312
- (22) 4 Feb/fév 2003 (04.02.2003)
- (25) de (26) de
- (30) 102 13 010.8 **22 Mar/mar 2002** DE
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CONTROL
• COMMANDE
- (71) BOSCH REXROTH AG [DE/DE]; Heidehofstrasse 31, 70184 Stuttgart (DE).
- (72) HABERMANN, Heinz; Gerbergasse 5, 97816 Lohr am Main (DE).
- (74) WINTER BRANDL FÜRNISS HÜBNER RÖSS KAISER POLTE; Bavariaring 10, 80336 München (DE).
- (81) JP KR NO.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
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- (51)⁷ B66F 9/065, 9/075, 9/08, 9/14
- (11) WO 03/080497 (13) A1
- (21) PCT/JP03/03284
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) ja (26) ja
- (30) 2002-81800 **22 Mar/mar 2002** JP
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SELF-PROPELLED WORKING MACHINE
• ENGIN DE TRAVAIL AUTOPROPULSE
- (71) HITACHI CONSTRUCTION MACHINERY CO., LTD. [JP/JP]; 5-1, Koraku 2-chome, Bunkyo-ku, Tokyo 112-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUGAYA, Makoto [JP/JP]; 6-31-5, Nakadai, Narita-shi, Chiba 286-0015 (JP). TOYOOKA, Tsukasa [JP/JP]; 374-126, Yamano, Ogawa-machi, Higashiibaraki-gun, Ibaraki 311-3413 (JP). NAKANISHI, Masashi [JP/JP]; Tsukubaryo, 2-4-1, Inayoshiminami, Chiyoda-machi, Niihari-gun, Ibaraki 315-0055 (JP). GOKITA, Osamu [JP/JP]; 7-406, Chiyoda House, 1828, Niihari, Chiyoda-machi, Niihari-gun, Ibaraki 315-0051 (JP).
- (74) HIROSE, Kazuhiko; 4F, Ohkura Bldg., 1-2, Nishishinjuku 3-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ B67D 5/06, 5/33
- (11) WO 03/080498 (13) A1
- (21) PCT/NO03/00096

- (22) **21 Mar/mar 2003 (21.03.2003)**
- (25) no (26) en
- (30) 20021485 **25 Mar/mar 2002 NO (25.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A SECURING DEVICE FOR A FUELING PISTOL
• DISPOSITIF DE FIXATION DESTINE A UN PISTOLET A CARBURANT
- (71, 72) **BERG, Viggo** [NO/NO]; Skogveien 2, N-8300 Svolvær (NO). **SOMMERSETH, Kåre** [NO/NO]; Valgbergsveien 2486, N-8370 Leknes (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B67D 5/33, 5/02**
- (11) **WO 03/080499** (13) A1
- (21) PCT/US03/06458
- (22) **4 Mar/mar 2003 (04.03.2003)**
- (25) en (26) en
- (30) 02252051.4 **21 Mar/mar 2002 EP (21.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DISPENSING APPARATUS WITH CODING MEANS
• APPAREIL DE DISTRIBUTION AVEC MOYENS DE CODAGE
- (71) **JOHNSON DIVERSEY, INC.** [US/US]; Neil E. Hamilton, M/S 509, 8310 16th Street, Sturtevant, WI 53177 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CROSSDALE, Garry, William** [GB/GB]; c/o DiverseyLever Equipment Ltd., Osier Drive Sherwood Park, Annesley, Nottinghamshire NG15 0DS (GB). **ONUFRIYK, Brian, Peter** [GB/GB]; c/o DiverseyLever Equipment Ltd., Osier Drive Sherwood Park, Annesley, Nottinghamshire NG15 0DS (GB). **PERCIVAL, Dean Alan** [GB/GB]; c/o DiverseyLever Equipment Ltd., Osier Drive Sherwood Park, Annesley, Nottinghamshire NG15 0DS (GB).
- (74) **JOHNSON DIVERSEY, INC.**; 8310 16th Street, M/S 509, Sturtevant, WI 53177 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B67D 5/372, G01F 23/292, B60K 15/077**
- (11) **WO 03/080500** (13) A1
- (21) PCT/SE02/00681
- (22) **5 Apr/avr 2002 (05.04.2002)**
- (25) en (26) en
- (30) 0200925-6 **26 Mar/mar 2002 SE (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND SYSTEM FOR REFUELLING
• PROCEDE ET SYSTEME DE RAVITAILLEMENT EN CARBURANT
- (71) **IDENTIC AB** [SE/SE]; Box 143, S-186 23 Vallentuna (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KÄLLBERG, Sylvid** [SE/SE]; Värmlandsvägen 16, S-186 35 Vallentuna (SE).
- (74) **ALBIHNS STOCKHOLM AB et al.** / etc.; Box 5581, 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 VN YU ZA ZM ZW.
- (84) AP (GH GM 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B67D 5/42, G01F 11/00, B65D 83/00, 83/06, 83/14, 83/60, 83/68, 83/70, 83/72, 83/76, 47/10**
- (11) **WO 03/080501** (13) A1
- (21) PCT/US02/08876
- (22) **21 Mar/mar 2002 (21.03.2002)**
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PRESSURIZED PISTON PUSHER
• POUSSOIR DE PISTON SOUS PRESION
- (71, 72) **TSAUR, Garry** [US/US]; 19222 Tranbarger Street, Rowland Heights, CA 91748 (US).
- (74) **NIEH, Joe**; Suite 475, 17800 Castleton Street, City of Industry, CA 91748 (US).
- (81) AU BR CA CH CN CZ DE DZ ES GB ID IL IN JP KE KR NZ PL PT RO RU SG TR TZ UA US VN 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declarations / Déclarations :
(r) for all designations / pour toutes les désignations
(s) for all designations / pour toutes les désignations
(u) for / pour US only / seulement
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- (51)⁷ **B82B 3/00**
- (11) **WO 03/080502** (13) A1
- (21) PCT/IS03/00015
- (22) **25 Mar/mar 2003 (25.03.2003)**
- (25) en (26) en
- (30) 6323 **25 Mar/mar 2002 IS (25.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A METHOD AND APPARATUS FOR PROCESSING NANOSCOPIC STRUCTURES
• PROCEDE ET DISPOSITIF PERMETTANT DE TRAITER DES STRUCTURES NANOSCOPIQUES
- (71, 72) **OLAFSSON, Sveinn** [IS/IS]; Vogatunga 14, IS-200 Kopavogur (IS).
- (74) **A & P ARNASON**; Efstaleiti 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ **C01B 3/00**
- (11) **WO 03/080503** (13) A1
- (21) PCT/GB03/01197
- (22) **21 Mar/mar 2003 (21.03.2003)**
- (25) en (26) en
- (30) 0206701.5 **21 Mar/mar 2002 GB (21.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR PRODUCING SYNGAS WITH RECYCLING OF WATER
• PRODUCTION DE GAZ DE SYNTHESE AVEC FAIBLE CONSOMMATION D'EAU
- (71) **JACOBS ENGINEERING U.K. LIMITED** [GB/GB]; Knollys House, 17 Addiscombe Road, Croydon CR0 6SR (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCOTT, Stephen, Bruce, John [GB/GB]; 38 Orchard Gardens, Cranleigh, Surrey GU6 7LG (GB).

(74) WISE, Stephen, J. et al. / etc.; Raworth, Moss & Cook, Raworth House, 36 Sydenham Road, Croydon CR0 2EF (GB).

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

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

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(51)⁷ C01B 3/32

(11) WO 03/080504 (13) A1

(21) PCT/JP03/03671

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(30) 2002-89685 27 Mar/mar 2002 JP (27.03.2002)

(30) 2002-139079 14 May/mai 2002 JP (14.05.2002)

(30) 2002-227865 5 Aug/août 2002 JP (05.08.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR FORMING HYDROGEN USING HYDROCARBON OR OXYGEN-CONTAINING COMPOUND AS MATERIAL AND DISCHARGE ELECTRODE FOR USE THEREIN

• DISPOSITIF POUR PRODUIRE DE L'HYDROGENE AU MOYEN D'HYDROCARBURE OU D'UN COMPOSE CONTENANT DE L'OXYGENE COMME SUBSTANCE ET ELECTRODE DE DECHARGE UTILISEE DANS CE DISPOSITIF

(71) JISOUKEN CO., LTD. [JP/JP]; Shuwa No.2 Toranomon Building 6F, 21-19, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

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

(72, 75) HONMA, Mitsuo [JP/JP]; 26-10, Benten 2-chome, Urayasu-shi, Chiba 279-0026 (JP).

(74) YOSHIDA, Yoshiharu; Shuwa No.2 Toranomon Building 6F, 21-19, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AU CA CN KR RU US.

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

Published / Publiée : (b)

(51)⁷ C01B 3/48, 3/58, 3/38

(11) WO 03/080505 (13) A1

(21) PCT/DE03/00968

(22) 24 Mar/mar 2003 (24.03.2003)

(25) de

(30) 102 13 326.3 25 Mar/mar 2002 DE (25.03.2002)

(30) 202 11 546.1 12 Jul/juil 2002 DE (12.07.2002)

(30) 102 40 953.6 2 Sep/sep 2002 DE (02.09.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR THE GENERATION OF HYDROGEN

• DISPOSITIF DE PRODUCTION D'HYDROGENE

(71) VIESSMANN WERKE GMBH & CO. KG [DE/DE]; Viessmannstrasse 1, 35107 Allendorf (DE). SUED-CHEMIE AG [DE/DE]; Lenbachplatz 6, 80333 Muenchen (DE).

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

(72, 75) ZARTENAR, Nicolas [DE/DE]; Astenweg 3, 35091 Coelbe (DE). BRITZ, Peter [DE/DE]; In der Hute 1, 35108 Allendorf (DE). WANNINGER, Klaus [DE/DE]; Am Eglsee 2, 83059 Kolbermoor (DE).

(74) WOLF, Michael; An der Mainbruecke 16, 63456 Hanau (DE).

(81) AE AG AL AU BA BB BG BR 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 MG MK MN MX NO NZ OM PH PL RO SG SK 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C01B 11/00

(11) WO 03/080506 (13) A2

(21) PCT/US03/07828

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 10/102,382 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR GENERATING AQUEOUS CHLORINE DIOXIDE SOLUTIONS

• DISPOSITIF DE PRODUCTION DE SOLUTIONS AQUEUSES DE DIOXYDE DE CHLORE

(71) ENGELHARD CORPORATION [US/US]; 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830-0770 (US).

(72) KOERMER, Gerald, S.; 1 Thackeray Drive, Roseland, NJ 07068 (US). SPERONELLO, Barry, K.; 15 Carriage Trail, Belle Mead, NJ 08502 (US). HRATKO, Linda; 10 Marlboro Lane, Colonia, NJ 07067 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C01B 13/11, 13/02

(11) WO 03/080507 (13) A1

(21) PCT/DE03/00940

(22) 21 Mar/mar 2003 (21.03.2003)

(25) de (26) de

(30) 102 12 543.0 21 Mar/mar 2002 DE (21.03.2002)

(30) 102 12 542.2 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR OPERATING AN OZONE GENERATOR AND CORRESPONDING OZONE GENERATOR

• PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN OZONISEUR, ET OZONISEUR CORRESPONDANT

(71) TEM!GMBH [DE/DE]; Kirchenstrasse 15, 63820 Hausen (DE).

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

(72, 75) RUMP, Hanns [DE/DE]; Kirchenweg 15, 63840 Hausen/Bayern (DE). SUPPLY, Carsten [DE/DE]; Kreisstrasse 4, 44267 Dortmund (DE). PREUSS, Reiner [DE/DE]; Möllerstrasse 43, 44137 Dortmund (DE). PATZER, Reinhard [DE/DE]; Stralsunderstrasse 21, 59427 Unna (DE). GERHART, Jessica [DE/DE]; Biesenkamp 24, 59427 Unna (DE).

(74) NITZ, Astrid; Goldbacher Strasse 14, 63739 Aschaffenburg (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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ C01B 31/04, H01M 4/58, 4/02, 10/40

(11) WO 03/080508 (13) A1

(21) PCT/JP03/01297

(22) 7 Feb/fév 2003 (07.02.2003)

(25) ja (26) ja

(30) 2002-88798 27 Mar/mar 2002 JP (27.03.2002)

(30) 2002-297734 10 Oct/oct 2002 JP (10.10.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOPHASE SPHERULE GRAPHATIZED SUBSTANCE, NEGATIVE PLATE MATERIAL USING SAME, NEGATIVE PLATE, AND LITHIUM ION SECONDARY CELL
- SUBSTANCE GRAPHITISEE EN SPHERULES EN METHOPHASE, MATERIAU DE PLAQUE NEGATIVE UTILISANT CETTE SUBSTANCE, PLAQUE NEGATIVE ET ELEMENT D'ACCUMULATEUR SECONDAIRE AUX IONS DE LITHIUM
- (71) JFE STEEL CORPORATION [JP/JP]; 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
- (72) EGUCHI, Kunihiko; c/o Technical Research Laboratories, KAWASAKI STEEL CORPORATION, 1, Kawasakicho, Chuo-ku, Chiba-shi, Chiba 260-0835 (JP). HATANO, Hitomi; c/o Technical Research Laboratories, KAWASAKI STEEL CORPORATION, 1, Kawasakicho, Chuo-ku, Chiba-shi, Chiba 260-0835 (JP). IJIRI, Makiko; c/o Technical Research Laboratories, KAWASAKI STEEL CORPORATION, 1, Kawasakicho, Chuo-ku, Chiba-shi, Chiba 260-0835 (JP). TAKAGI, Yoshinori; c/o Chiba Works, KAWASAKI STEEL CORPORATION, 1, Kawasakicho, Chuo-ku, Chiba-shi, Chiba 260-0835 (JP).
- (74) OCHIAI, Kenichiro; c/o Intellectual Property Department, JFE Steel Corporation, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
- (81) CN KR.
-
- (51)⁷ C01B 33/149, B41M 5/00
- (11) WO 03/080509 (13) A1
- (21) PCT/JP03/03589
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ja (26) ja
- (30) 2002/85027 26 Mar/mar 2002 JP (26.03.2002)
- (30) 2003/45455 24 Feb/fév 2003 JP (24.02.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COMPOSITE SOL, PROCESS FOR PRODUCING THE SAME, AND INK-JET RECORDING MEDIUM
- SOL COMPOSITE, SON PROCEDE DE PRODUCTION, ET SUPPORT D'ENREGISTREMENT A JET D'ENCRE
- (71) NISSAN CHEMICAL INDUSTRIES, LTD. [JP/JP]; 7-1, Kandanishiki-cho 3-chome, Chikoda-ku, Tokyo 101-0054 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OIWAMOTO, Masaki [JP/JP]; c/o Nissan Chemical Industries, Ltd. Specialty Materials Research Laboratories, 11-1, Kitasode, Sodegaura-shi, Chiba 299-0266 (JP). KATO, Hirokazu [JP/JP]; c/o Nissan Chemical Industries, Ltd. Specialty Materials Research Laboratories, 11-1, Kitasode, Sodegaura-shi, Chiba 299-0266 (JP).
- (74) HANABUSA, Tsuneo et al. / etc.; c/o Hanabusa Patent Office, Shin-Ochanomizu Urban Trinity, 2, Kandasurugadai 3-chome, Chiyoda-ku, Tokyo 101-0062 (JP).
- (81) CA CN KR NO US.
- (84) EP (AT BE CH DE ES FI FR GB IT NL SE).
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- (51)⁷ C01B 39/38, 39/40
- (11) WO 03/080510 (13) A1
- (21) PCT/IN02/00055
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROCESS FOR THE PREPARATION OF ZSM-5 CATALYST
- PROCÉDÉ DE PRÉPARATION D'UN CATALYSEUR ZSM-5
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) KULKARNI, Shivanand, Janardan; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). NAMA, Narendar; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). PAVULURI, Srinivasu; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). RAGHAVAN, Kondapuram, Vijaya; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN).
- (74) HARIHARAN, Subramaniam et al. / etc.; Subramaniam, Nataraj & Associates, E-556 Greater Kailash II, New Delhi 110 048 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG 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)⁷ C01D 15/00, C01B 25/455, 25/445
- (11) WO 03/080511 (13) A1
- (21) PCT/IN02/00056
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SOLID STATE THERMAL METHOD FOR THE SYNTHESIS OF LITHIUM HEXAFLURO PHOSPHATE
- PROCEDE THERMIQUE PERMETTANT DE REALISER LA SYNTHESE DE LITHIUM HEXAFLURO PHOSPHATE A L'ETAT SOLIDE
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) ANGAIAH, Subramaniam; Dept. of Industrial Chemistry, Alagappa University, Karaikudi 630 003, Tamil Nadu (IN). THIAGARJAN, Vasudevan; Alagappa University, Karaikudi 630 003, Tamil Nadu (IN).
- RAMAIYER, Gangadharan; Alagappa University, Karaikudi 630 003, Tamil Nadu (IN).
- (74) HARIHARAN, Subramaniam et al. / etc.; Subramaniam, Nataraj & Associates, E-556, Greater Kailash II, New Delhi 110 048 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG 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)⁷ C01F 5/22, C01B 13/36, B01D 61/14
- (11) WO 03/080512 (13) A1
- (21) PCT/EP03/02859
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) de (26) de
- (30) 102 13 310.7 25 Mar/mar 2002 DE (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND DEVICE FOR PRODUCING A METAL HYDROXIDE
- PROCEDE ET DISPOSITIF DE PRODUCTION D'UN HYDROXYDE METALLIQUE
- (71) IMB + FRINGS WATERSYSTEMS GMBH [DE/DE]; Horbeller Strasse 15, 50858 Köln (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINDEMANN, Dr. Johannes [DE/DE]; Rolandsmühle, 53619 Rheinbreitbach (DE). MANDERSCHIED, Karl [DE/DE]; Jakobstrasse 6, 50354 Hürth-Fischchenich (DE). SCHNEIDER, Manfred [DE/DE]; Handwerkerstr. 9, 66740 Saarlouis (DE).
- (74) TONGBHOYAI, Dr. Martin; Patentanwälte Freischem, An Gross St. Martin 2, 50667 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C01G
- (11) WO 03/080513 (13) A2
- (21) PCT/US03/08816
- (22) 20 Mar/mar 2003 (20.03.2003)

- (25) en (26) en
- (30) 60/366,146 **20 Mar/mar 2002** US
(20.03.2002)
- (30) 60/390,302 **20 Jun/juin 2002** US
(20.06.2002)
- (30) 60/390,303 **20 Jun/juin 2002** US
(20.06.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NANOSTRUCTURE COMPOSITES
• COMPOSITES A NANOSTRUCTURES
- (71) **THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA** [US/US]; Center for Technology Transfer, 3160 Chestnut Street, Suite 200, Philadelphia, PA 19104 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JOHNSON, Alan, T.** [US/US]; Philadelphia, PA (US). **WINEY, Karen, I.** [US/US]; Philadelphia, PA (US). **GAMA, Gennaro, J.** [BR/US]; Athens, GA (US). **BEIRCUK, Michael, J.** [US/US]; Cambridge, MA (US). **HONE, James** [US/US]; Pasadena, CA (US). **HAGGENMUELLER, Reto** [US/US]; 2614 South Street, Philadelphia, PA 19146 (US).
- (74) **SLAVITT, Joshua, R.** 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C01G 1/00, 33/00, 35/00**
- (11) **WO 03/080514** (13) A1
- (21) PCT/JP02/10282
- (22) **2 Oct/oct 2002 (02.10.2002)**
- (25) ja (26) ja
- (30) 2002-085737 **26 Mar/mar 2002** JP
(26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROCESS FOR PRODUCING MICRO-MESOPOROUS METAL OXIDE HAVING REGULATED PORES FORMED BY NOVEL TEMPLATE REMOVAL METHOD
• PROCEDE DE PRODUCTION D'OXYDE METALLIQUE MICRO-MESOPOREUX PRESENTANT DES PORES CONTROLES FORMES PAR UN PROCEDE NOUVEAU DE RETRAIT DE GABARIT
- (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) **DOMEN, Kazunari** [JP/JP]; 4-2-3-1201, Sagami-cho, Sagami-hara-shi, Kanagawa 228-0803 (JP). **NOMURA, Junko** [JP/JP]; c/o Kondo, 1-7-35, Kamisoyagi, Yamato-shi, Kanagawa 242-0029 (JP). **RI, Byonjin** [KR/JP]; 2-10-31, Tuskushino, Machida-shi., Tokyo 194-0001 (JP).
- (74) **MIYAMOTO, Harumi**; Hougaku Bldg. 7F, 19-14, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CA US.
-
- (51)⁷ **C01G 9/03**
- (11) **WO 03/080515** (13) A1
- (21) PCT/EP03/02421
- (22) **10 Mar/mar 2003 (10.03.2003)**
- (25) en (26) en
- (30) 102 12 680.1 **22 Mar/mar 2002** DE
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NANOSCALE ZINC OXIDE, PROCESS FOR ITS PRODUCTION AND USE
• OXYDE DE ZINC NANOMETRIQUE, PROCEDE DE PRODUCTION ET D'UTILISATION DE CELUI-CI
- (71) **DEGUSSA AG** [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KATUSIC, Stipan** [DE/DE]; Berliner Ring 20, 65779 Kelkheim (DE). **MICHAEL, Günther** [DE/DE]; Hugo-Dümler-Strasse 24, 63791 Karlstein (DE). **KRESS, Peter** [DE/DE]; Helgenweg 7, 63579 Freigericht (DE). **VARGA, Geoffrey, J.** [US/DE]; Schulstrasse 8, 63579 Freigericht-Neuses (DE). **STAAB, Edwin** [DE/DE]; Kirchstrasse 4a, 63826 Geiselbach (DE). **WEBER, Winfried** [DE/DE]; Danborner Weg 24, 65597 Hünfelden (DE).
- (74) **DEGUSSA AG**; Intellectual Property Management, PATENTE und MARKEN, Standort Hanau, Postfach 13 45, 63403 Hanau (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ **C01G 41/04**
- (11) **WO 03/080516** (13) A1
- (21) PCT/JP03/03424
- (22) **20 Mar/mar 2003 (20.03.2003)**
- (25) ja (26) ja
- (30) 2002-080009 **22 Mar/mar 2002** JP
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TUNGSTATE COMPOUND AND METHOD FOR PRODUCTION THEREOF
• COMPOSE DE TUNGSTATE ET PROCEDE DE PRODUCTION DE CE DERNIER
- (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) **DOHKE, Kiyotaka** [JP/JP]; 4063, Oaza Sano, Oita-shi, Oita 870-0315 (JP). **YOSHIOKA, Tamayoshi** [JP/JP]; 8-13, Tajiridanchi, Fujigaokanishi-ku, Oita-shi, Oita 870-1143 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C01G 51/00, 51/04, H01M 4/52**
- (11) **WO 03/080517** (13) A1
- (21) PCT/IN02/00066
- (22) **26 Mar/mar 2002 (26.03.2002)**
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SOLID STATE THERMAL SYNTHESIS OF LITHIUM COBALTATE
• SYNTHESE THERMIQUE EN PHASE SOLIDE DU COBALTATE DE LITHIUM
- (71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) **RAMASWAMY, Chandrasekaran**; Department of Industrial Chemistry, Alagappa University, Karaikudi 630 003, Tamil nadu (IN). **ARIYANAN, Mani**; Alagappa University, Karaikudi 630 003, Tamil Nadu (IN). **THIAGARAJAN, Vasudevan**; Alagappa University, Karaikudi 630 003, Tamil Nadu (IN). **RAMAIIYER, Gangadharan**; Alagappa University, Karaikudi 630 003, Tamil Nadu (IN).
- (74) **HARIHARAN, Subramaniam** et al. / etc.; Subramaniam, Nataraj & Associates, E-556 Greater Kailash II, New Delhi 110 048, Maharashtra (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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)⁷ C02F 1/28, 1/62, 1/64, B01J 20/18
- (11) WO 03/080518 (13) A1
- (21) PCT/JP03/03400
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) ja (26) ja
- (30) 2002-080577 22 Mar/mar 2002 JP (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • REMOVER FOR HEAVY METALS CONTAINED IN WATER
• EXTRACTEUR DE METAUX LOURDS CONTENUS DANS L'EAU
- (71) TAKEDA CHEMICAL INDUSTRIES, LTD. [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 540-8645 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MOURI, Motoya [JP/JP]; c/o LIFE-ENVIRONMENT COMPANY TAKEDA CHEMICAL INDUSTRIES, LTD., 17-85, Juso-honmachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8686 (JP). YANAGI, Juichi [JP/JP]; c/o LIFE-ENVIRONMENT COMPANY TAKEDA CHEMICAL INDUSTRIES, LTD., 17-85, Juso-honmachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8686 (JP).
- (74) TANI, Yoshitaka; 3F, Koei Bldg., 1-13, Awajimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0047 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C03B 8/02, 19/12
- (11) WO 03/080520 (13) A1
- (21) PCT/US03/07859
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) en (26) en
- (30) 60/364,534 15 Mar/mar 2002 US (15.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR MAKING THIN FUSED GLASS ARTICLES
• PROCEDE DE PRODUCTION D'ARTICLES MINCES DE VERRE DE SILICE
- (71) YAZAKI CORPORATION [JP/JP]; 17th Floor, Mita-Kokusai Building, 4-28, 1-Chome, Mita, Minato-ku, Tokyo (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GANGULI, Rahul [IN/US]; 3401 Calle Tecate, Camarillo, CA 93012 (US).
- (74) CAGLAR, Oral; Sheppard Mullin Richter & Hampton LLP, 333 South Hope Street, 48th Floor, Los Angeles, CA 90071 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C02F 1/56, 1/58
- (11) WO 03/080519 (13) A1
- (21) PCT/JP03/03518
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) ja (26) ja
- (30) 2002-82356 25 Mar/mar 2002 JP (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD OF WASTEWATER TREATMENT
• PROCEDE DE TRAITEMENT DES EAUX USEES
- (71) MITSUBISHI GAS CHEMICAL COMPANY, INC. [JP/JP]; 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8324 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YOKOKAWA, Tetsuya [JP/JP]; 3-17-25, Okamura, Isogo-ku, Yokohama-shi, Kanagawa 235-0021 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C03B 29/00, 29/04
- (11) WO 03/080521 (13) A1
- (21) PCT/US03/08393
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 10/101,516 20 Mar/mar 2002 US (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • APPARATUS AND METHOD FOR BENDING AND/OR TEMERING GLASS
• DISPOSITIF ET PROCEDE DESTINES A BOMBER ET/OU TREMPER LE VERRE
- (71) GUARDIAN INDUSTRIES CORP. [US/US]; 2300 Harmon Road, Auburn Hills, MI 48326-1714 (US). CENTRE LUXEMBOURGEOIS DE RECHERCHES POUR LE VERRE ET LA CERAMIQUE S.A. (C.R.V.C.) [LU/LU]; Zone Industrielle Wolser, Grand Duche de Luxembourg, L-3452 Dudelange (LU).
- (72) NEUMAN, George; 3828 Highlander Way East, Ann Arbor, MI 48108 (US). HEYEN, Andre; Rue de Leudelange 84, Bertrange, Luxembourg L-8079 (LU).
- (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C03B 37/012, 37/025
- (11) WO 03/080522 (13) A1
- (21) PCT/EP03/02271
- (22) 6 Mar/mar 2003 (06.03.2003)
- (25) en (26) en
- (30) 102 13 048.5 22 Mar/mar 2002 DE (22.03.2002)
- (30) 102 14 029.4 27 Mar/mar 2002 DE (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR PRODUCING AN OPTICAL FIBER AND OPTICAL FIBER
• PRODUCTION D'UNE FIBRE OPTIQUE ET FIBRE OPTIQUE OBTENUE
- (71) HERAEUS TENEVO AG [DE/DE]; Quarzstrasse 8, 63450 Hanau (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FABIAN, Heinz [DE/DE]; Westring 29, 63762 Grossostheim (DE). MILLER, Thomas, J. [US/US]; 3735 Banyon Lane, Alpharetta, GA 30022 (US).
- (74) STAUDT, Armin; Edith-Stein-Strasse 22, 63075 Offenbach/Main (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 MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

Published / Publiée : (c)

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

(51)⁷ C03B 37/023

(11) WO 03/080523 (13) A2

(21) PCT/IB03/00705

(22) 25 Feb/fév 2003 (25.02.2003)

(25) en (26) en

(30) 60/367,255 25 Mar/mar 2002 US (25.03.2002)

(30) 10/352,105 28 Jan/jan 2003 US (28.01.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR EFFICIENT COOLING OF OPTICAL FIBER DURING ITS MANUFACTURE
• PROCEDE ET DISPOSITIF POUR LE REFROIDISSEMENT EFFICACE DE FIBRE OPTIQUE, EN COURS DE FABRICATION

(71) L'AIR LIQUIDE - SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(72) GHANI, M., Usman; 410 Assembly Drive, Bolingbrook, IL 60440 (US). MARIN, Ovidiu; 2040 Carriage Hill Road, Lisle, IL 60532 (US). QUEILLE, Philippe; 12, rue Dumont d'Urville, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

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

(51)⁷ C03B 37/027

(11) WO 03/080524 (13) A1

(21) PCT/GB03/01298

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 0206573.8 20 Mar/mar 2002 GB (20.03.2002)

(30) 0209001.7 19 Apr/avr 2002 GB (19.04.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD OF DRAWING MICROSTRUCTURED GLASS OPTICAL FIBRES FROM A PREFORM

• PROCEDE D'ETIRAGE DE FIBRES OPTIQUES DE VERRE MICROSTRUCTUREES A PARTIR D'UNE PREFORME

(71) BLAZEPHOTONICS LIMITED [GB/GB]; Finance Office, University of Bath, The Avenue, Claverton Down, Bath BA2 7AY (GB).

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

(72, 75) RUSSELL, Philip, St. John [GB/GB]; Shepherds Mead, Southstoke, Bath BA2 7EB (GB). MANGAN, Brian, Joseph [GB/GB]; Flat 5, 41 Grosvenor Place, Bath BA1 6BA (GB). KNIGHT, Jonathan, Cave [GB/GB]; Canteen Cottage, Canteen Lane, Wellow, Bath BA2 8PY (GB). KILBRIDE, Ian, Patrick [GB/GB]; 45 Eden Vale Road, Westbury, Wiltshire BA13 3NY (GB). BIRKS, Timothy, Adam [GB/GB]; 14 Horsecombe Brow, Combe Down, Bath BA2 5QY (GB).

(74) CRITTEN, Matthew, Peter et al. / etc.; Abel & Inray, 20 Red Lion Street, London WC1R 4PQ (GB).

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

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

(51)⁷ C03C 3/06, C03B 20/00

(11) WO 03/080525 (13) A1

(21) PCT/JP03/03618

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(30) 2002-83476 25 Mar/mar 2002 JP (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYNTHETIC QUARTZ GLASS MEMBER AND PROCESS FOR PRODUCING THE SAME

• ELEMENT DE VERRE DE QUARTZ SYNTHETIQUE ET PROCEDE DE PRODUCTION DE CELUI-CI

(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) MIZUGUCHI, Masafumi [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

FUJIWARA, Seishi [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). KOMINE, Norio [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) KAWAKITA, Kijuro; Shinjuku MM Building, 1-15, Shinjuku 5-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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C03C 3/06, C03B 20/00

(11) WO 03/080526 (13) A1

(21) PCT/JP03/03759

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(30) 2002-89667 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYNTHETIC QUARTZ GLASS
• VERRE AU QUARTZ DE SYNTHESE

(71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). ASAHI GLASS CO.,LTD [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8306 (JP).

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

(72, 75) HOSONO, Hideo [JP/JP]; 2786-4-212, Shimotsuruma, Yamato-shi, Kanagawa 242-0001 (JP). KAJIHARA, Kouichi [JP/JP]; Room 306, Bellwood Mizonokuchi, 8-9, Hisamoto 3-chome, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0011 (JP). HIRANO, Masahiro [JP/JP]; 5-6, Matsubara 5-chome, Setagaya-ku, Tokyo 156-0043 (JP). IKUTA, Yoshiaki [JP/JP]; 202, 20-19, Kuwano 1-chome, Koriyama-shi, Fukushima 963-8025 (JP). KIKUKAWA, Shinya [JP/JP]; 24-7, Noukendai 2-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0057 (JP).

(74) NISHI, Yoshiyuki; Nishi Patent Office, Suite 211, 26-32, Nakahara 4-chome, Isogo-ku, Yokohama-shi, Kanagawa 235-0036 (JP).

(81) US.

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

(51)⁷ C03C 3/087, 4/02, 4/08

(11) WO 03/080527 (13) A1

(21) PCT/FR03/00868

(22) 19 Mar/mar 2003 (19.03.2003)

(25) fr (26) fr
(30) 02/03873 27 Mar/mar 2002 FR
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMPOSITION OF GLASS FOR THE PRODUCTION OF GLAZING

• COMPOSITION DE VERRE DESTINEE A LA FABRICATION DE VITRAGE

(71) SAINT-GOBAIN GLASS FRANCE [FR/FR]; 18, avenue d'Alsace, F-92400 Courbevoie (FR).

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

(72, 75) TEYSSEDE, Laurent [FR/FR]; 57, rue Auguste Lançon, F-75013 Paris (FR). SACHOT, Dominique [FR/FR]; 2, allée des Colibris, F-77330 Ozoire la Ferrière (FR).

(74) SAINT-GOBAIN RECHERCHE; 39, quai Lucien Lefranc, F-93300 Aubervilliers (FR).

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

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

Published / Publiée : (c)

(51)⁷ C03C 17/00, 17/34

(11) WO 03/080528 (13) A1

(21) PCT/EP03/03168

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 02076132.6 25 Mar/mar 2002 EP
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COATED SUBSTRATE

• SUBSTRAT REVETU

(71) GLAVERBEL [BE/BE]; Chaussée de la Hulpe 166, B-1170 Brussels (BE).

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

(72, 75) BOUESNARD, Olivier [BE/BE]; Glaverbel - Centre R & D, Rue de l'Aurore 2, B-6040 Jumet (BE). PILLOY, Georges [BE/BE]; Glaverbel - Center R & D, Rue de l'Aurore 2, B-6040 Jumet (BE). POELS, Jean-Pierre [BE/BE]; Glaverbel - Center R & D, Rue de l'Aurore 2, B-6040 Jumet (BE).

(74) FARMER, Guy et al. / etc.; Glaverbel, Intellectual Property Dept., Center R & D, Rue de l'Aurore, 2, B-6040 Jumet (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 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 HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C03C 17/00

(11) WO 03/080529 (13) A1

(21) PCT/EP03/03169

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 02076133.4 25 Mar/mar 2002 EP
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD OF FORMING A COATING FILM

• PROCEDE DE FORMATION DE FILM DE REVETEMENT

(71) GLAVERBEL [BE/BE]; Chaussée de la Hulpe, 166, B-1170 Brussels (BE).

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

(72, 75) BOUESNARD, Olivier [BE/BE]; Glaverbel - Centre R & D, Rue de l'Aurore, 2, B-6040 Jumet (BE). PILLOY, Georges [BE/BE]; Glaverbel - Centre R & D, Rue de l'Aurore, 2, B-6040 Jumet (BE). POELS, Jean-Pierre [BE/BE]; Glaverbel - Centre R & D, Rue de l'Aurore, 2, B-6040 Jumet (BE).

(74) FARMER, Guy et al. / etc.; Glaverbel Centre R & D, Department Intellectual Property, Rue de l'Aurore, 2, B-6040 Jumet (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 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 HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

Declaration / Déclaration :

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(51)⁷ C03C 17/34

(11) WO 03/080530 (13) A1

(21) PCT/JP03/03578

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(30) 2002-85445 26 Mar/mar 2002 JP
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • GLASS SUBSTRATE AND PROCESS FOR PRODUCING THE SAME

• SUBSTRAT DE VERRE ET PROCESUS DE PRODUCTION DE CE SUBSTRAT

(71) NIPPON SHEET GLASS CO., LTD. [JP/JP]; 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP).

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

(72, 75) FUJISAWA, Akira [JP/JP]; c/o NIPPON SHEET GLASS CO., LTD., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP). KIYOHARA, Koichiro [JP/JP]; c/o NIPPON SHEET GLASS CO., LTD., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP). ICHIKI, Kiyotaka [JP/JP]; c/o NIPPON SHEET GLASS CO., LTD., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP). YAMAMOTO, Toru [JP/JP]; c/o NIPPON SHEET GLASS CO., LTD., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (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) JP US.

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

Published / Publiée : (c)

(51)⁷ C04B 12/04

(11) WO 03/080531 (13) A1

(21) PCT/RU02/00111

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ru (26) ru

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BINDING AGENT FOR RADIATION PROTECTION BUILDING MATERIALS

• LIANT POUR MATERIAUX DE CONSTRUCTION ANTIRADIOACTIFS

(71) MOSCOWSKY GOSUDARSTVENNY STROITELNY UNIVERSITET (MGSU) [RU/RU]; Yaroslavlshoe shosse, 26, Moscow, 129337 (RU).

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

(72, 75) GOLTISOV, Alexey Nikolaevich [RU/RU]; ul. Golubinskaya, 25-2-138, Moscow, 117463 (RU). ENGOVATOV, Igor Anatolievich [RU/RU]; ul. Malaya Botanicheskaya, 3-6, Moscow, 117421 (RU).

ZAITSEVA, Elena Igorevna [RU/RU]; ul. Veernaya, 3-5-286, Moscow, 119503 (RU). LAVDANSKY, Pavel Alexandrovich [RU/RU]; Stary Petrovsko-Razumovsky proezd, 6/8-1-25, Moscow, 125083 (RU).

RUMYANTSEV, Boris Mikhailovich [RU/RU]; ul. Pavla Romanova, 18-2-26, Moscow, 109193 (RU). FISUN, Oleg Ivanovich [RU/RU]; Kashirskoe shosse, 78/2-77, Moscow, 115409 (RU).

(74) KURAPOV, Gennady Petrovich; Patent Attorneys "Transtechology", Leningradsky prospekt, 23, Moscow, 125040 (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) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ C04B 22/08, 7/24
 (11) WO 03/080532 (13) A1
 (21) PCT/JP03/03315
 (22) 19 Mar/mar 2003 (19.03.2003)
 (25) ja (26) ja
 (30) 2002/81004 22 Mar/mar 2002 JP (22.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • CEMENT ADMIXTURE
 • ADJUVANT DE CIMENT
- (71) TAIHEIYO CEMENT CORPORATION [JP/JP]; 3-8-1, NISHI-KANDA, CHIY-ODA-KU, Tokyo 101-8357 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SAWAKI, Daisuke [JP/JP]; C/O TAIHEIYO CEMENT CORPORATION RESEARCH & DEVELOPMENT CENTER, 2-4-2, OSAKU, SAKURA-SHI, Chiba 285-8655 (JP). HARASAWA, Shuuichi [JP/JP]; C/O TAIHEIYO CONSULTANT CO., LTD. RESEARCH & DEVELOPMENT CENTER, 2-4-2, OSAKU, SAKURA-SHI, Chiba 285-8655 (JP). HONMA, Kenichi [JP/JP]; C/O TAIHEIYO CEMENT CORPORATION RESEARCH & DEVELOPMENT CENTER, 2-4-2, OSAKU, SAKURA-SHI, Chiba 285-8655 (JP). ICHIKAWA, Makihiko [JP/JP]; C/O TAIHEIYO CEMENT CORPORATION RESEARCH & DEVELOPMENT CENTER, 2-4-2, OSAKU, SAKURA-SHI, Chiba 285-8655 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C04B 33/13, 35/18
 (11) WO 03/080534 (13) A1
 (21) PCT/IN02/00067
 (22) 26 Mar/mar 2002 (26.03.2002)
 (25) en (26) en
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • PROCESS FOR THE PRODUCTION OF CERAMIC TILES
 • PROCEDE DE PRODUCTION DE CARREAUX DE CERAMIQUE
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) DAS, Swapan, Kumar; Central Glass & Ceramic Research Institute, Calcutta, West Bengal (IN). SINGH, Karun, Kant; National Metallurgical Laboratory, Jamshedpur, Bihar (IN). KUMAR, Sanjay; National Metallurgical Laboratory, Jamshedpur, Bihar (IN). DAS, Uma, Sunker; National Metallurgical Laboratory, Jamshedpur, Bihar (IN).
- (74) HARIHARAN, Subramaniam et al. / etc.; Subramaniam, Nataraj & Associates, E-556 Greater Kailash II, New Delhi 110 048, Maharashtra (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C04B 28/36, 12/00, B28C 7/00, C08G 75/00
 (11) WO 03/080533 (13) A1
 (21) PCT/JP03/02627
 (22) 6 Mar/mar 2003 (06.03.2003)
 (25) ja (26) ja
 (30) 2002/83356 25 Mar/mar 2002 JP (25.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • METHOD FOR PRODUCING MATERIAL CONTAINING MODIFIED SULFUR
 • PROCEDE DE PRODUCTION D'UN MATERIAU CONTENANT DU SOUFRE MODIFIE
- (71) NIPPON OIL CORPORATION [JP/JP]; 3-12, Nishi-Shinbashi 1-chome, Minato-ku, Tokyo 105-8412 (JP). IDOMCO CORPORATION [JP/JP]; 36-1, Nishi-Shinbashi 2-chome, Minato-ku, Tokyo 105-0003 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HASHIMOTO, Hiroshi [JP/JP]; 1-9-25, Shinden, Ichikawa-shi, Chiba 272-0035 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C04B 35/58, C21B 7/20
 (11) WO 03/080536 (13) A1
 (21) PCT/JP03/03890
 (22) 27 Mar/mar 2003 (27.03.2003)
 (25) ja (26) ja
 (30) 2002-89044 27 Mar/mar 2002 JP (27.03.2002)
 (30) 2002-89094 27 Mar/mar 2002 JP (27.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • TITANIUM BORIDE BASED SINTERED PRODUCT AND METHOD FOR PRODUCING THE SAME, AND LINER USING THE SAME
 • PRODUIT FRITTE A BASE DE BORURE DE TITANE, PROCEDE DE PRODUCTION ET REVETEMENT L'UTILISANT
- (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) MATSUBAYASHI, Shigeharu [JP/JP]; C/O NIPPON STEEL CORPORATION, Technical Development Bureau, 20-1, Shin-tomi, Futtusu-shi, Chiba 293-8511 (JP). NOSE, Tetsuro [JP/JP]; C/O NIPPON

STEEL CORPORATION, Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). KURITA, Yasushi [JP/JP]; C/O NIPPON STEEL CORPORATION, YAWATA WORKS, 1-1, Tobihata-cho, Tobata-ku, Kitakyushu-shi, Fukuoka 804-8501 (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 BR CA CN KR US.

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

(51)⁷ C04B 35/628, 33/04, 35/14

(11) WO 03/080537 (13) A1

(21) PCT/EP03/02855

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) MO2002A000065 21 Mar/mar 2002 IT (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CERAMIC MIXTURE, RELATIVE METHOD AND PRODUCTION SYSTEM AND CERAMIC PRODUCTS OBTAINED FROM SAID MIXTURE

• MELANGE CERAMIQUE, PROCEDE ET SYSTEME DE PRODUCTION CORRESPONDANTS, PRODUITS CERAMIQUES OBTENUS A PARTIR DE CE MELANGE

(71) MIRAGE GRANITO CERAMICO S.P.A. [IT/IT]; Via Giardini, 225, I-41026 Pavullo nel Frignano (IT).

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

(72, 75) CHIODI, Maurizio [IT/IT]; Via Castagneto, 85, I-41026 Pavullo nel Frignano (IT).

(74) LUPPI, Luigi; Luppi & Crugnola S.r.l., Viale Corassori, 54, I-41100 Modena (IT).

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

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

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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE

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

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ C04B 35/83, 35/80, 35/573, F16D 69/02

(11) WO 03/080538 (13) A1

(21) PCT/EP03/03041

(22) 24 Mar/mar 2003 (24.03.2003)

(25) de (26) de

(30) 102 13 013.2 22 Mar/mar 2002 DE (22.03.2002)

(30) 102 22 258.4 16 May/mai 2002 DE (16.05.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMPOSITE CERAMIC BODY AND METHOD FOR PRODUCING THE SAME

• CORPS EN CERAMIQUE COMPOSITE ET SON PROCEDE DE PRODUCTION

(71) SCHUNK KOHLENSTOFFTECHNIK GMBH [DE/DE]; Rodheimer Strasse 59, 35452 Heuchelheim (DE).

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

(72, 75) EBERT, Marco [DE/DE]; Marburger Str. 34, 35083 Wetter (DE). HENRICH, Martin [DE/DE]; Zielhausweg 4, 35582 Wetzlar (DE). KEHR, Dietrich [DE/DE]; Krofdorfer Str. 53, 35444 Biebertal (DE). SCHEIBEL, Thorsten [DE/DE]; Am Haingraben 19, 61231 Bad Nauheim (DE). WEISS, Roland [DE/DE]; Talstr. 59, 45625 Hüttenberg (DE).

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

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

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

(51)⁷ C04B 38/00, 35/64, B28B 3/26, B01J 35/04, B01D 53/86, 53/94

(11) WO 03/080539 (13) A1

(21) PCT/JP03/02734

(22) 7 Mar/mar 2003 (07.03.2003)

(25) ja (26) ja

(30) 2002/89272 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HONEYCOMB STRUCTURAL BODY, METHOD OF MANUFACTURING THE STRUCTURAL BODY, AND METHOD OF MEASURING OUTER PERIPHERAL DISTORTION OF THE STRUCTURAL BODY

• CORPS A STRUCTURE EN NID D'ABEILLES, SON PROCEDE DE FABRICATION, ET PROCEDE DE MESURE DE LA DISTORSION PERIPHERIQUE EXTERNE DE CE CORPS

(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) FUKAO, Kaname [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). YOSHIDA, Shinya [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). NAKAMURA, Tomoo [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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C04B 38/00, 35/52, 35/573, 35/80, F16D 69/02, 65/12

(11) WO 03/080540 (13) A2

(21) PCT/US03/08105

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 10/101,035 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MELT-INFILTRATED PITCH-PAN PRE-FORMS

• PREFORMES DE POLYACRYLONITRILE-BRAI A INFILTRATION PAR FUSION

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) GRAY, Paul, E.; 3437 Blue Ball Road, North East, MD 21901 (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 NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C06B 33/00

(11) WO 03/080541 (13) A1

(21) PCT/IB03/01015

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 2002/2329 22 Mar/mar 2002 ZA (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • EXOTHERMIC COMBUSTIBLE PRODUCTS

• PRODUITS COMBUSTIBLES A REACTION EXOTHERMIQUE

(71) CSIR [ZA/ZA]; Scientia, 0001 Pretoria (ZA). METLITE ALLOYS GAUTENG (PROPRIETARY) LIMITED [ZA/ZA]; 18 Ampere Road, Labore, 1540 Brakpan (ZA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) DE VILLIERS, Roger [ZA/ZA]; 20 Robyn Street, Kroonpark, 0601 Potgietersrus (ZA). BOTHA, Coenraad, Frederik [ZA/ZA]; 277 Kei Avenue, Sinoville, 0182 Pretoria (ZA).

(74) VAN DER WALT, Louis, Stephanus; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ C07B

(11) WO 03/080542 (13) A2

(21) PCT/EP03/02415

(22) 10 Mar/mar 2003 (10.03.2003)

(25) de (26) de

(30) 102 12 885.5 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR PRODUCING 3-HYDROXY-2-METHYLBENZOIC ACID

• PROCEDE DE PRODUCTION D'ACIDE 3-HYDROXY-2-METHYLBENZOIQUE

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

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(72, 75) MÜLLER-HAUCK, Friedrich [DE/DE]; Bendorfer Feld 4, 25557 Bendorfer (DE). SCHERER, Johannes [DE/DE]; Felix-von-Roll-Str. 21, 51375 Leverkusen (DE). SCHROEDER, Gerhard [DE/DE]; Achtern Knick 5, 25693 St.Michaelisdonn (DE). BEHRE, Horst [DE/DE]; Zur alten Linde 12, 51519 Odenthal (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

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

(51)⁷ C07B 37/10, C07F 7/18, C07D 477/14, 487/04, 499/04, 503/02, 505/02, 501/02

(11) WO 03/080543 (13) A1

(21) PCT/JP03/03737

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(30) 2002-86575 26 Mar/mar 2002 JP (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PROCESS FOR PRODUCING CYCLIC COMPOUND

• PROCEDE DE PRODUCTION DE COMPOSE CYCLIQUE

(71) NIPPON SODA CO., LTD. [JP/JP]; 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (JP). SUNTORY LIMITED [JP/JP]; 1-40, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8203 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANEKO, Akira [JP/JP]; c/o Nihongi Plant, Nippon Soda Co., Ltd., 950, Oaza Fujisawa, Nakago-mura, Nakakubiki-gun, Niigata 949-2392 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C07B 59/00

(11) WO 03/080544 (13) A1

(21) PCT/GB03/01332

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 0206750.2 22 Mar/mar 2002 GB (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • RADIOFLUORINATION METHODS

• PROCEDES DE RADIOFLUORATION

(71) AMERSHAM PLC [GB/GB]; Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).

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(72, 75) CUTHBERTSON, Alan [GB/NO]; Amersham Health AS, Nycoveien 2, Postboks 4220 Nydalen, N-0401 Oslo (NO). SOLBAKKEN, Magne [NO/NO]; Amersham Health AS, Nycoveien 2, Postboks 4220 Nydalen, N-0401 Oslo (NO). ARUKWE, Joseph, Maduabuchi [NG/NO]; Amersham Health AS, Nycoveien 2, Postboks 4220 Nydalen, N-0401 Oslo (NO). KARLSEN, Hege [NO/NO]; Amersham Health AS, Nycoveien 2, Postboks 4220 Nydalen, N-0401 Oslo (NO).

(74) HAMMETT, Audrey, Grace, Campbell et al. / etc.; Amersham plc, Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).

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

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

Published / Publiée : (c)

(51)⁷ C07C

(11) WO 03/080545 (13) A2

(21) PCT/US03/08899

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/366,961 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • SUBSTITUTED PHENYLACETIC ACIDS
• ACIDES PHENYLACETIQUES SUBSTITUES

(71) **METABOLEX, INC.** [US/US]; 3876 Bay Center Place, Hayward, CA 94545-3619 (US).

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(72, 75) **ZHAO, Zuchun** [CN/US]; 865 Montevino Drive, Pleasanton, CA 94566 (US). **CHEN, Xin** [CN/US]; 140 Shoreline Circle #378, San Ramon, CA 94583 (US). **WANG, Jianchao** [CA/US]; 22281 Center Street, Apt. 38, Castro Valley, CA 94546 (US). **SUN, Hongbin** [CN/US]; 825 Orchard Avenue, Apt. 41, Hayward, CA 94544 (US). **LIANG, Jack, Shih-Chieh** [US/US]; 465 Stierlin Road, Apt. 31, Mountain View, CA 94043 (US).

(74) **KEZER, William, B.** 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C07C 2/00

(11) **WO 03/080546** (13) A1

(21) PCT/US03/08078

(22) **17 Mar/mar 2003 (17.03.2003)**

(25) en (26) en

(30) 60/366,068 **19 Mar/mar 2002 US (19.03.2002)**

(30) 607410,214 **11 Sep/sep 2002 US (11.09.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • GAS TO LIQUID CONVERSION PROCESS

• PROCEDE DE CONVERSION DE GAZ EN LIQUIDE

(71) **ENERGY TECHNOLOGIES GROUP, INC.** [US/US]; 8451 Delaware Street, Thornton, CO 80260 (US).

(72) **SHERWOOD, Steven, P.**; 10182 Foxridge Circle, Highlands Ranch, CO 80126 (US).

(74) **CONNELL, Gary, J.** et al. / etc.; Sheridan Ross P.C., Suite 1200, 1560 Broadway, Denver, 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

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

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

(51)⁷ C07C 2/86, 2/66

(11) **WO 03/080547** (13) A1

(21) PCT/IN02/00060

(22) **21 Mar/mar 2002 (21.03.2002)**

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PROCESS FOR THE PREPARATION OF DIMETHYLCUMENES

• PROCEDE DE PREPARATION DE DIMETHYLCUMENES

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

(72) **PATRA, Chitta, Ranjan**; National Chemical Laboratory, Pune 411 008, Maharashtra (IN). **KUMAR, Rajiv**; National Chemical Laboratory, Pune 411 008, Maharashtra (IN).

(74) **HARIHARAN, Subramaniam** et al. / etc.; Subramaniam, Nataraj & Associates, E 556 Greater Kailash II, New Delhi 110 048 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH 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)⁷ C07C 7/13, 11/06, B01D 53/04, 53/047

(11) **WO 03/080548** (13) A1

(21) PCT/US03/06030

(22) **28 Feb/feb 2003 (28.02.2003)**

(25) en (26) en

(30) 10/100,978 **19 Mar/mar 2002 US (19.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SEPARATION OF PROPYLENE FROM HYDROCARBON MIXTURES

• SEPARATION DU PROPYLENE DE MELANGES D'HYDROCARBURES

(71) **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(72) **REYES, Sebastian, C.**; 9 Mohawk Trail, Branchburg, NJ 08876 (US). **KRISHNAN, Venkatesan, V.**; 9B Holly Cove, Mount Laurel, NJ 08054 (US). **DE MARTIN, Gregory, J.**; 5 Braintree Court, Flemington, NJ 08822 (US). **SINFELT, John, H.**; P.O. Box 364, Oldwick, NJ 08858 (US). **STROHMAIER,**

Karl, G.; 47 Rockport Road, Port Murray, NJ 07865 (US). **SANTIESTEBAN, Jose, G.**; 2065 Quayle Court, Bethlehem, PA 18020 (US).

(74) **WANG, Joseph, C.** et al. / etc.; Exxonmobil Research and Engineering Company, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C07C 17/21, 17/395, 17/10, C09K 5/04

(11) **WO 03/080549** (13) A1

(21) PCT/JP03/02728

(22) **7 Mar/mar 2003 (07.03.2003)**

(25) en (26) en

(30) 2002-064830 **11 Mar/mar 2002 JP (11.03.2002)**

(30) 60/364,035 **15 Mar/mar 2002 US (15.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PROCESS FOR THE PRODUCTION OF FLUOROETHANE AND USE OF THE PRODUCED FLUOROETHANE

• PROCEDE DE PRODUCTION DE FLUOROETHANE, ET UTILISATION DU FLUOROETHANE OBTENU

(71) **SHOWA DENKO K. K.** [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP).

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(72, 75) **KAGA, Kazunari** [JP/JP]; C/O Production & Technology Control Department, Gases & Chemicals Division, SHOWA DENKO K.K., 5-1, Ogimachi, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0867 (JP). **OHNO, Hiromoto** [JP/JP]; C/O Production & Technology Control Department, Gases & Chemicals Division, SHOWA DENKO K.K., 5-1, Ogimachi, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0867 (JP). **OHI, Toshio** [JP/JP]; C/O SHOWA DENKO K.K., 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

- NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07C 29/16, 45/50
- (11) WO 03/080550 (13) A1
- (21) PCT/EP02/12857
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (30) 60/332,809 14 Nov/nov 2001 US (14.11.2001)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HYDROFORMYLATION PROCESS
• PROCEDE D'HYDROFORMYLATION
- (71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
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- (72, 75) ARNOLDY, Peter [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). ELLISON, Robert, Hardy [US/US]; 7202 Granvia, Houston, TX 77083 (US). KUIPERS, Herman, Pieter, Charles, Eduard [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). MOENE, Robert [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). VAN DER STEEN, Frederik, Hendrik [NL/NL]; Badhuisweg 3, NL-1031 CM 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 HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07C 43/215, 43/205, 41/30
- (11) WO 03/080551 (13) A1
- (21) PCT/IN02/00073
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FORMATION OF NEOLIGNAN BY DDQ MEDIATED DIMERISATION OF DIHYDROASARONE
• FORMATION DE NEOLIGNAN PAR DIMERISATION DE DIHYDROASARONE MEDIEE PAR DDQ
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; an Indian Registered body incorporated under the Registration of Societies Act (Act XXI of 1860)², Rafi Marg, 110 001 New Delhi (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SINHA, Arun, Kumar [IN/IN]; Institute of Himalayan Bioresource Technology, Post Box No.6, Palampur, 176 061 Himachal Pradesh (IN). JOSHI, Bhupendra, Prasad [IN/IN]; Institute of Himalayan Bioresource Technology, P.O. Box No.6, Palampur, 176 061 Himachal Pradesh (IN). ACHARYA, Ruchi [IN/IN]; Institute of Himalayan Bioresource Technology, P.O. Box No.6, Palampur, 176 061 Himachal Pradesh (IN).
- (74) GABRIEL, DEVADOSS, CALAB; KUMARAN & SAGAR, 84-C, C6 LANE, OFF CENTRAL AVENUE, SAINIK FARMS, 110 062 NEW DELHI (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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); (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); (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)
-
- (51)⁷ C07C 49/683, 49/753, 205/45, 405/00, 45/72, 45/67, 45/66, 45/65, A61K 31/12, 31/5575, A61P 31/12, C07C 45/51
- (11) WO 03/080552 (13) A2
- (21) PCT/GB03/01281
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) en (26) en
- (30) 0207028.2 25 Mar/mar 2002 GB (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A NEW SYNTHETIC METHOD AND NOVEL CHEMICAL COMPOUNDS
• NOUVEAU PROCEDE DE SYNTHESE ET NOUVEAUX COMPOSES CHIMIQUES
- (71) CHARTERHOUSE THERAPEUTICS LTD [GB/GB]; 98 Ferndene Road, London SE24 0AA (GB).
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- (72, 75) IQBAL, Mazhar [GB/GB]; Department of Chemistry, Liverpool University, Liverpool, Lancashire L69 7ZD (GB). EVANS, Paul [GB/GB]; Department of Chemistry, Liverpool University, Liverpool, Lancashire L69 7ZD (GB). ROBERTS, Stanley, Michael [GB/GB]; Department of Chemistry, Liverpool University, Liverpool, Lancashire L69 7ZD (GB).
- (74) KILLIN, Stephen et al. / etc.; Venner, Shipley & Co., 20 Little Britain, London EC1A 7DH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 49/753, 49/747, 251/38, 255/56, 69/757, 35/21, 45/54, A61K 31/122, 31/15, A61P 7/02, C07D 207/02, 277/02
- (11) WO 03/080553 (13) A1
- (21) PCT/EP03/02532
- (22) 12 Mar/mar 2003 (12.03.2003)
- (25) de (26) de
- (30) 102 13 228.3 25 Mar/mar 2002 DE (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CYCLOPENTENE DERIVATIVES
• DERIVES DE CYCLOPENTENE
- (71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HÜBSCH, Walter [DE/DE]; Wildsteig 22, 42113 Wuppertal (DE). BREUNING, Matthias [DE/DE]; Am Hubland, 97074 Würzburg (DE). SCHMIDT, Gunter [DE/DE]; Pahlkestr. 63, 42115 Wuppertal (DE). ALBRECHT, Barbara [DE/DE]; Heidestr. 9, 42289 Wülfrath (DE). PERZBORN, Elisabeth [DE/DE]; Am Tescher Busch 13, 42327 Wuppertal (DE). FAESTE, Christiane [DE/NO]; Munkedamsveien 74, N-0270 Oslo (NO). BÄRFACKER, Lars [DE/DE]; Bachstr. 98, 46149 Oberhausen (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 NI NO NZ OM PH PL PT
RU RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
- Declaration / Déclaration :
(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)
- (51)⁷ C07C 69/00
- (11) WO 03/080554 (13) A2
- (21) PCT/JP03/03814
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) en (26) en
- (30) 2002-088694 27 Mar/mar 2002 JP
(27.03.2002)
- (30) 2002-088695 27 Mar/mar 2002 JP
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • GLYCEROL ESTER DERIVATIVE
• DERIVE D'ESTER DE GLYCEROL
- (71) FUJI PHOTO FILM CO., LTD. [JP/JP];
210, Nakanuma, Minami-ashigara-shi, Kana-
gawa 250-0193 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) TAKAHASHI, Kazunobu [JP/JP];
c/o FUJI PHOTO FILM CO., LTD., 210,
Nakanuma, Minami-ashigara-shi, Kana-
gawa 250-0193 (JP). KITAGUCHI, Hiroshi
[JP/JP]; c/o FUJI PHOTO FILM CO., LTD.,
210, Nakanuma, Minami-ashigara-shi, Kana-
gawa 250-0193 (JP). AIKAWA, Kazuhiro
[JP/JP]; c/o FUJI PHOTO FILM CO., LTD.,
210, Nakanuma, Minami-ashigara-shi, Kana-
gawa 250-0193 (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 KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC
SD SE SG SK SL TJ TM TN TR TT TZ UA
UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07C 211/08, 211/17, 211/09, 211/18,
229/06, 233/64, 215/00, 311/17, C07D
213/82, C07C 209/18, C07D 233/44, 295/15,
263/28, A61K 31/13
- (11) WO 03/080556 (13) A1
- (21) PCT/CN02/00029
- (22) 21 Jan/jan 2002 (21.01.2002)
- (25) zh (26) zh
- (30) 01 1 01656.6 19 Jan/jan 2001 CN
(19.01.2001)
- CI CM GA GN GQ GW ML MR NE SN TD
TG).
- (51)⁷ C07C 201/12, 205/37, 67/307, 69/63,
C07D 311/24
- (11) WO 03/080555 (13) A1
- (21) PCT/JP03/02182
- (22) 27 Feb/fév 2003 (27.02.2003)
- (25) ja (26) ja
- (30) 2002-53315 28 Feb/fév 2002 JP
(28.02.2002)
- (30) 2002-53316 28 Feb/fév 2002 JP
(28.02.2002)
- (30) 2002-169675 11 Jun/juin 2002 JP
(11.06.2002)
- (30) 2002-169676 11 Jun/juin 2002 JP
(11.06.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROCESS FOR PRODUCING
CHROMONE COMPOUND
• PROCEDE DE PRODUCTION DE COM-
POSE CHROMONE
- (71) SUMITOMO CHEMICAL COMPANY,
LIMITED [JP/JP]; 5-33, Kitahama 4-chome,
Chuo-ku, Osaka-shi, Osaka 541-8550 (JP).
ONO PHARMACEUTICAL CO., LTD.
[JP/JP]; 1-5, Doshomachi 2-chome, Chuo-ku,
Osaka-shi, Osaka 541-8526 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) HIBINO, Hiroaki [JP/JP]; 3-1-29-252,
Kentoku-machi, Oita-shi, Oita 870-0025 (JP).
OHTSUKA, Susumu [JP/JP]; 2-1-3-341,
Kuwata-cho, Ibaraki-shi, Osaka 567-0841
(JP). MIYAMOTO, Yasunobu [JP/JP];
3-1-29-114, Kentoku-machi, Oita-shi, Oita
870-0025 (JP). YOSHIDA, Tomoyasu
[JP/JP]; 237-513, Koikebaru, Oita-shi, Oita
870-0147 (JP). OKUMOTO, Itsuo [JP/JP];
1-5-2, Technoport, Yamagishi, Mikuni-cho,
Sakai-gun, Fukui 913-0032 (JP).
- (74) AOYAMA, Tamotsu et al. / etc.; AOYAMA
& PARTNERS, IMP Building, 3-7, Shi-
romi 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 KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC
SD SE SG SK SL TJ TM TN TR TT TZ UA
UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07C 211/35, 211/37, C07D 209/04,
333/46, A61P 25/24, 25/28
- (11) WO 03/080557 (13) A1
- (21) PCT/EP03/02812
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) de (26) de
- (30) 01 1 01655.8 19 Jan/jan 2001 CN
(19.01.2001)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • AMINE DERIVATIVE WITH POTAS-
SIUM CHANNEL REGULATORY
FUNCTION, ITS PREPARATION AND
USE
• DERIVE D'AMINE A FONCTION
REGULATRICE DES CANAUX POTAS-
SIQUES, SA PREPARATION ET SON
UTILISATION
- (71) INSTITUTE OF PHARMACOLOGY
AND TOXICOLOGY ACADEMY OF
MILITARY MEDICAL SCIENCES
P.L.A. [CN/CN]; No. 27, Taiping Road,
Beijing 100850 (CN).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) WANG, Hai [CN/CN]; No. 27, Taiping
Road, Beijing 100850 (CN). YANG, Rifang
[CN/CN]; No. 27, Taiping Road, Beijing
100850 (CN). LONG, Chaoliang [CN/CN];
No. 27, Taiping Road, Beijing 100850 (CN).
YUN, Liuhong [CN/CN]; No. 27 Taiping
Road, Beijing 100850 (CN). CUI, Wenyu
[CN/CN]; No. 27 Taiping Road, Beijing
100850 (CN). WANG, Lin [CN/CN]; No.
27, Taiping Road, Beijing 100850 (CN).
FENG, Huasong [CN/CN]; No. 27, Taiping
Road, Beijing 100850 (CN). GAO, Qixiu
[CN/CN]; No. 27, Taiping Road, Beijing
100850 (CN). LU, Xinqiang [CN/CN]; No.
27, Taiping Road, Beijing 100850 (CN).
LI, Fulin [CN/CN]; No. 27, Taiping Road,
Beijing 100850 (CN). HU, Gang [CN/CN];
No. 27, Taiping Road, Beijing 100850 (CN).
LIU, Lijun [CN/CN]; No. 27, Taiping Road,
Beijing 100850 (CN). TANG, Xingchun
[CN/CN]; No. 27, Taiping Road, Beijing
100850 (CN). ZHAO, Rusheng [CN/CN];
No. 27, Taiping Road, Beijing 100850 (CN).
YAN, Yuan [CN/CN]; No. 27, Taiping
Road, Beijing 100850 (CN). HE, Huamei
[CN/CN]; No. 27, Taiping Road, Beijing
100850 (CN). LIU, Wei [CN/CN]; No. 27,
Taiping Road, Beijing 100850 (CN).
- (74) CCPIT PATENT AND TRADEMARK
LAW OFFICE; 8/F, Vantone New World
Plaza, 2 Fuchengmenwai Steet, Beijing
100037 (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 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).
- Published / Publiée : (c)

(30) 102 13 051.5 **23 Mar/mar 2002** DE
(23.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SUBSTITUTED 4-AMINOCYCLOHEXANOLS
• 4-AMINOCYCLOHEXANOLS SUBSTITUES

(71) GRÜNENTHAL GMBH [DE/DE]; Zieglerstrasse 6, 52078 Aachen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUNDERMANN, Bernd [DE/DE]; Oppenhoffallee 83-85, 52066 Aachen (DE). HENNIES, Hagen-Heinrich [DE/DE]; Eicherscheid 56, 52152 Simmerath (DE). ENGLBERGER, Werner [DE/DE]; Sonnenweg 1, 52223 Stolberg (DE). KÖGEL, Babette-Yvonne [DE/DE]; Am Daens 28, 52379 Langerwehe-Hamich (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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ C07C 211/54, 211/57, 211/58 // G03G 5/06

(11) WO 03/080558 (13) A1

(21) PCT/JP03/03752

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(30) 2002-089490 **27 Mar/mar 2002** JP
(27.03.2002)

(30) 2002-089491 **27 Mar/mar 2002** JP
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • NOVEL 1,3,5-TRIS(ARYLAMINO)BENZENE
• NOUVEAU 1,3,5-TRIS(ARYLAMINO)BENZÈNE

(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)

(71, 72) SHIROTA, Yasuhiko [JP/JP]; 5-7, Daikoku-cho 3-chome, Toyonaka-shi, Osaka 561-0827 (JP).

(72, 75) AKASHI, Nobutaka [JP/JP]; c/o Bando Chemical Industries, Ltd., 2-15, Meiwadori 3-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0883 (JP). NORISADA, Hideki [JP/JP]; c/o Bando Chemical Industries, Ltd., 2-15, Meiwadori 3-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0883 (JP). HAYASHI, Tomoko [JP/JP]; c/o Bando Chemical Industries, Ltd., 2-15, Meiwadori 3-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0883 (JP).

(74) MAKINO, Itsuro; Family Sangyo Daisan Building, 3-3, Showa-cho 2-chome, Abeno-ku, Osaka-shi, Osaka 545-0011 (JP).

(81) CN KR US.

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

Published / Publiée : (c)

(51)⁷ C07C 211/61, H01L 51/30

(11) WO 03/080559 (13) A1

(21) PCT/JP03/03615

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) NO. 2002-088918 **27 Mar/mar 2002** JP
(27.03.2002)

(30) NO. 2003-006796 **15 Jan/jan 2003** JP
(15.01.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • OLIGOFUORENYLENE COMPOUNDS
• COMPOSES D'OLIGOFUORENYLENE

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAITOH, Akihito [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). HIRAOKA, Mizuho [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). SUZUKI, Koichi [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). SENOO, Akihiro [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). TANABE, Hiroshi [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). YAMADA, Naoki [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). NEGISHI, Chika [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). KASAHARA, Maki [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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

Published / Publiée : (c)

(51)⁷ C07C 213/02, 215/42

(11) WO 03/080560 (13) A1

(21) PCT/IN02/00131

(22) 13 Jun/juin 2002 (13.06.2002)

(25) en (26) en

(30) 208/mas/2002 **26 Mar/mar 2002** IN
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MANUFACTURE OF PHENYL ETHYLAMINE COMPOUNDS, IN PARTICULAR VENLAFAXINE
• PREPARATION DE COMPOSES DE PHENYL-ETHYLAMINE, NOTAMMENT DE VENLAFAXINE

(71) GLOBAL BULK DRUGS & FINE CHEMICALS PVT. LTD. [IN/IN]; digwal Village, Kohir Mandal, Medak District, PIN, Andhra Pradesh 502 321 (IN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAIGAL, Jagdish, Chand [IN/IN]; Sejal CHSL, Apt N° 304, Vira Desai Ngr. Near Link Road, Nr. Indian Oil Ngr., Andheri (West), Mumbai, Maharashtra, 400 058 (IN). GUPTA, Rajender, Pershad [IN/IN]; Row House n° 5, Hill Garden, Opp. Tickujiniwadi, Manapada, Thane, Maharashtra 400 607 (IN). PANDIT, Vilas, Vasant [IN/IN]; A-3 Santoor, Pandurangwadi, Road n° 4, Goregaon (East), Mumbai, Maharashtra 400 063 (IN). DESAI, Anand, Jagannath [IN/IN]; B/8 Neelkanth Chaya, RB Mehta Road, Ghatkopar (East), Mumbai, Maharashtra 400 077 (IN). MEHTA, Navnet, Vinodrai [IN/IN]; 20 C J New Kapole Nivas, Haveli Compound M G Road, Ghatkopar (East) Mumbai, Maharashtra 400 077 (IN). RANE, Shrikant, Hambirrao [IN/IN]; A/204, Ratnasagar CSHL, Near Sudama Soc., Kalwa (West), Thane, Maharashtra 400 605 (IN).

(74) MAJUMDAR, Subhatosh et al. / etc.; S. Majumdar & Co., 5, Harish Mukherjee Road, Calcutta 700 025 (IN).

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

(84) AP (GH GM 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)⁷ C07C 217/52, 213/00, 213/02, 215/42

(11) WO 03/080561 (13) A1

(21) PCT/JP02/10687

(22) 15 Oct/oct 2002 (15.10.2002)

(25) ja (26) ja

- (30) 2002-88321 **27 Mar/mar 2002** JP
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROCESS FOR PREPARATION OF VOGLIBOSE
• PROCEDE DE PREPARATION DE VOGLIBOSE
- (71) SAWAI PHARMACEUTICAL CO., LTD. [JP/JP]; 4-25, Akagawa 1-chome, Asahi-ku, Osaka-shi, Osaka 535-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHOGAKI, Takeshi [JP/JP]; c/o Sawai Pharmaceutical Co., Ltd., 4-25, Akagawa 1-chome, Asahi-ku, Osaka-shi, Osaka 535-0005 (JP). KAKITA, Takao [JP/JP]; c/o Sawai Pharmaceutical Co., Ltd., 4-25, Akagawa 1-chome, Asahi-ku, Osaka-shi, Osaka 535-0005 (JP). YAGI, Suguru [JP/JP]; c/o Sawai Pharmaceutical Co., Ltd., 4-25, Akagawa 1-chome, Asahi-ku, Osaka-shi, Osaka 535-0005 (JP).
- (74) HOSODA, Yoshinori; c/o Hosoda International Patent Office, OMM Building 5th Floor, P.O.Box 26, 7-31, Otemae 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6591 (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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07C 227/08
(11) WO 03/080562 (13) A1
(21) PCT/EP03/02228
(22) 5 Mar/mar 2003 (05.03.2003)
(25) de (26) de
(30) 102 12 525.2 **21 Mar/mar 2002** DE
(21.03.2002)
(30) 102 59 911.4 **20 Dec/déc 2002** DE
(20.12.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PRODUCTION OF AMINOCROTONATES
• PRODUCTION D'AMINO-CROTONATES
- (71) SOLVAY FLUOR UND DERIVATE GMBH [DE/DE]; Hans-Böckler-Allee 20, 30173 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). BRAUKMÜLLER, Saskia [DE/DE]; Am Klärwerk 1, 31157 Sarstedt (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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 235/06, 235/16, C07D 235/12, 211/60, A61K 31/165, 31/167, A61P 7/02
(11) WO 03/080564 (13) A1
(21) PCT/US03/07506
(22) 12 Mar/mar 2003 (12.03.2003)
(25) en (26) en
(30) 60/365,932 **20 Mar/mar 2002** US
(20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MENTHOL SUBSTITUTED ANTI-THROMBOTIC PAI-1 INHIBITORS
• INHIBITEURS DE FACTEUR PAI-1 ANTI-THROMBOTIQUE A BASE DE MENTHOL SUBSTITUE
- (71) SCHERING AKTIENGESELLSCHAFT [DE/DE]; Muellerstrasse 178, 13342 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BAUER, Shawn [US/US]; 836 Maple Avenue, South San Francisco, CA 94080 (US). MOHAN, Raju [US/US]; 3125 Caminito Ricardo, Encinitas, CA 92024 (US). SHAW, Kenneth, J. [US/US]; 4 Buddy Lane, Brookside, NJ 07926 (US). WU, Qingyu [CN/US]; 1153 Camino Vallecito, Lafayette, CA 94549 (US). YE, Bin [CN/US]; 23 Williams Drive, Moraga, CA 94556 (US). BUCKMAN, Brad, O. [US/US]; 2042 Leimert Boulevard, Oakland, CA 94602 (US). GHANNAM, Ameen [US/US]; 422 Long Hill Road, Briarcliff Manor, NY 10510 (US). GRIEDEL, Brian, D. [US/US]; 2224 Pinehurst Court, El Cerrito, CA 94530 (US). KHIM, Seock-kyu [KR/US]; 148 Overlook Terrace, Hercules, CA 94547 (US). ZHAO, Zuchun [CN/US]; 865 Montevino Drive, Pleasanton, CA 94566 (US).
- (74) SHAW, Melissa, A.; Berlex Biosciences, 2600 Hilltop Drive, P.O. Box 4099, Richmond, CA 94804 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ C07C 253/30, 255/37
(11) WO 03/080565 (13) A1
(21) PCT/IN02/00132
(22) 13 Jun/juin 2002 (13.06.2002)
(25) en (26) en
(30) 209/mas/2002 **26 Mar/mar 2002** IN
(26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROCESS FOR THE MANUFACTURE OF SUBSTITUTED PHENYLACETONITRILES
• PROCEDE DE PREPARATION PHENYL-ACETONITRILES SUBSTITUES
- (71) GLOBAL BULK DRUGS & FINE CHEMICALS PVT. LTD. [IN/IN]; Diggwal Village, Kohir Mandal, Medak District, PIN, Andhra Pradesh, 502 321 (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SAIGAL, Jagdish, Chand [IN/IN]; Sejal CHSL, Apt N° 304, Vira Desai Ngr. Near Link Road, Nr. Indian Oil Ngr., Andheri (West), Mumbai, Maharashtra, 400 058 (IN). GUPTA, Rajender, Pershad [IN/IN]; Row House n° 5, Hill Garden, Opp. Tickujiniwadi, Manapada, Thane, Maharashtra 400 607 (IN). GORULE, Vinayak, Shankar [IN/IN]; A/603 "Priyanka" Bldg., Near

- Mhada Colony, Mulund (East), Mumbai, Maharashtra, 400 081 (IN). **PANDIT, Vilas, Vasant** [IN/IN]; A-3 Santoor, Pandurangwadi, Road n° 4, Goregaon (East), Mumbai, Maharashtra 400 063 (IN). **JOSHI, Rajesh, Dilip** [IN/IN]; A/103, Lodha Shivaji Ngr., CHSL, Lodha Heritage, C L Marg, Achole Road, Nallasopara (East), Thane, Maharashtra (IN).
- (74) **MAJUMDAR, Subhatosh** et al. / etc.; S. Majumdar & Co., 5, Harish Mukherjee Road, Calcutta 700 025 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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)⁷ C07C 259/06, C07D 207/46, C07C 59/347, C07K 5/06, C07C 309/17, C07F 5/02, A61K 31/194, 31/16, 31/33
- (11) WO 03/080566 (13) A2
- (21) PCT/GB03/01239
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 0206711.4 21 Mar/mar 2002 GB (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HIF HYDROXYLASE INHIBITORS
• INHIBITEURS D'HYDROXYLASE HIF
- (71) **ISIS INNOVATION LIMITED** [GB/GB]; Ewert House, Ewert Place, Summertown, Oxford OX2 7SG (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHOFIELD, Christopher, Joseph** [GB/GB]; Dyson Perrins Laboratory, University of Oxford, South Parks Road, Oxford OX1 3QY (GB). **MAXWELL, Patrick, Henry** [GB/GB]; Imperial College of Science, Technology & Medicine, Hammer-smith Campus, Du Cane Road, London W12 0NN (GB). **PUGH, Christopher, William** [GB/GB]; University of Oxford, Wellcome Trust Centre for Human Genetics, Roosevelt Drive, Oxford OX3 7BN (GB). **RATCLIFFE, Peter, John** [GB/GB]; Wellcome Trust Centre for Human Genetics, Roosevelt Drive, Oxford OX3 7BN (GB).
- (74) **ELLIS-JONES, Patrick, George, Armine** 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 271/22
- (11) WO 03/080567 (13) A2
- (21) PCT/EP03/03152
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) en (26) en
- (30) 60/367,818 27 Mar/mar 2002 US (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INTERMEDIATES FOR THE SYNTHESIS OF DISCODERMOLIDE AND RELATED ANALOGUES AND METHODS FOR THEIR PREPARATION
• PRODUITS INTERMÉDIAIRES DESTINÉS À LA SYNTHÈSE DE LA DISCODERMOLIDE ET DE SES ANALOGUES, ET LEURS PROCÉDES DE PRÉPARATION
- (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).
(for all designated States except / pour tous les États désignés sauf AT)
- (72, 75) **CHEN, Weichun** [US/US]; 104 Fellswood Drive, Livingston, NJ 07039 (US). **FRANCAVILLA, Charles** [US/US]; 801 Church Street, Apt 1240, Mountain View, CA 94041 (US). **JAGOE, Christopher, Turchik** [US/US]; 60 Minton Avenue, Chatham, NJ 07928 (US). **KINDER, Frederick, Ray, Jr.** [US/US]; 37 Olyphant Drive, Morristown, NJ 07960 (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 LR LS LT LU LV MA MD MG MK MN MX NO NZ OM PH PL PT RO RU SC SE SG 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 HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ C07C 323/20, C07D 295/145, A61K 31/10, A61P 29/00
- (11) WO 03/080568 (13) A2
- (21) PCT/EP03/02850
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) MI2002A000597 22 Mar/mar 2002 IT (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROBUCOL DERIVATIVES
• DERIVES DU PROBUCOL
- (71) **NICOX** S.A. [FR/FR]; 2455, route des Dolines, B.P. 313 _____, F-06906 Sophia Antipolis (FR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DEL SOLDATO, Piero** [IT/IT]; Via E. Toti, 22, I-20152 Monza (IT). **SANTUS, Giancarlo** [IT/IT]; Via Zuara, 8, I-20146 Milano (IT). **ONGINI, Ennio** [IT/IT]; Via Fratelli Cervi, Residenza Sorgente, I-20090 Segrate (IT).
- (74) **BARCIELLI, Giovanna**; Nicox Research Institute S.r.l., Via Ariosto, 21, I-20091 Bresso (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D
- (11) WO 03/080569 (13) A2
- (21) PCT/US03/08375
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 60/365,576 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • EGFR LIGANDS AND METHODS OF USE
• LIGANDS DU RECEPTEUR DU FACTEUR DE CROISSANCE EPIDERMIQUE (R-EGF), ET PROCÉDES D'UTILISATION
- (71) **THE PENN STATE RESEARCH FOUNDATION** [US/US]; 304 Old Main, University Park, PA 16802-7000 (US).
- (72) **DEBINSKI, Waldemar**; 231 Cedar Avenue, Hershey, PA 17033-1517 (US).
- (74) **KIM, Stanley, A.**; Akerman, Senterfitt, Post Office 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D
- (11) WO 03/080570 (13) A2
- (21) PCT/US03/08611
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en

- (30) 60/365,550 **20 Mar/mar 2002** US
(**20.03.2002**)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • RECOMBINANT EXPRESSION VECTORS FOR FUNCTIONAL NA_v1.9 SODIUM CHANNELS
• VECTEURS D'EXPRESSION DE RECOMBINAISON POUR CANAUX SODIUM NA<SB>V</SB>1.9 FONCTIONS
- (71) **TRANSMOLECULAR, INC.** [US/US]; 3800 Colonnade Parkway, Suite 240, Birmingham, AL 35243 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GONDA, Matthew, A.** [US/US]; 3800 Colonnade Parkway, Suite 240, Birmingham, AL 35243 (US). **GREENWOOD, John, D.** [US/US]; 3800 Colonnade Parkway, Suite 240, Birmingham, AL 35243 (US).
- (74) **SMYTH, Robert, J. 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 205/08, C07F 7/18, B01J 27/125, 27/135, 31/12 // C07B 61/00**
- (11) **WO 03/080571** (13) A1
- (21) PCT/JP03/01615
- (22) **17 Feb/fév 2003 (17.02.2003)**
- (25) ja (26) ja
- (30) 2002-82560 **25 Mar/mar 2002** JP
(**25.03.2002**)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROCESS FOR PRODUCING AZETIDINONE COMPOUNDS
• PROCEDE DE PRODUCTION DE COMPOSES AZETIDINONE
- (71) **TAKASAGO INTERNATIONAL CORPORATION** [JP/JP]; 37-1, Kamata 5-chome, Ohta-ku, Tokyo 144-8721 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MATSUMOTO, Takaji** [JP/JP]; c/o Central Research Laboratory of TAKASAGO INTERNATIONAL CORPORATION, 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa 254-0073 (JP). **MURAYAMA, Toshiyuki** [JP/JP]; c/o Central Research Laboratory of TAKASAGO INTERNATIONAL CORPORATION, 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa 254-0073 (JP). **MOROI, Takashi** [JP/JP]; c/o Central Research Laboratory of TAKASAGO INTERNATIONAL CORPORATION, 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa 254-0073 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 207/20, A61K 31/10, A61P 31/10**
- (11) **WO 03/080572** (13) A1
- (21) PCT/IB02/01207
- (22) **25 Mar/mar 2002 (25.03.2002)**
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A NOVEL ANTIFUNGAL MOLECULE 2-(3,4-DIMETHYL-2,5-DIHYDRO-1H-PYRROL-2-YL)- METHYLETHYL PENTANOATE
• NOUVELLE MOLECULE ANTIFONGIQUE DE 2-(3,4-DIMETHYL-2,5-DIHYDRO-1H-PYRROL-2-YL)- METHYLETHYL PENTANOATE
- (71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHARMA, Ganda, Lal** [IN/IN]; Centre for Biochemical Technology, Mall Road, Near Jubili Hall, University Campus, Delhi 110 007 (IN). **RAJESH, R.** [IN/IN]; Centre for Biochemical Technology, Mall Road, New Jubili Hall, University Campus, Delhi 110 007 (IN). **ALI, Mohammad** [IN/IN]; Hamdard College of Pharmacy, Jamia Hamdard, Hamdard Nagar, New Delhi 110 062 (IN).
- (74) **GABRIEL, DEVADOSS, CALAB;** Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
-
- (51)⁷ **C07D 211/58, 451/04, 401/12, 403/12, A61K 31/4468, 31/46, A61P 29/00, 31/12**
- (11) **WO 03/080574** (13) A1
- (21) PCT/SE03/00480
- (22) **24 Mar/mar 2003 (24.03.2003)**
- (25) en (26) en
- (30) 0200919-9 **25 Mar/mar 2002** SE
(**25.03.2002**)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PIPERIDINE OR 8-AZA-BICYCLO[3.2.1]OCT-3-YL DERIVATIVES USEFUL AS MODULATORS OF CHEMOKINE RECEPTOR ACTIVITY (ESPECIALLY CCR5)
- SK SL TJ TM TN TR TT TZ UA UG US 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)

- DERIVES DE PIPERIDINE OU 8-AZA-BICYCLO[3.2.1]OCT-3-YLE CONVENANT COMME MODULATEURS DE L'ACTIVITE DES RECEPTEURS DE LA CHIMIOKINE (PLUS PARITICULIEREMENT CCR5)

(71) **ASTRAZENECA AB** [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CUMMING, John** [GB/GB]; AstraZeneca R & D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).

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

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

Declarations / Déclarations :

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

(u) for / pour US only / seulement

(51)⁷ C07D 213/48, 333/16 // 213/30

(11) WO 03/080575 (13) A1

(21) PCT/JP03/03568

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(30) 2002-86974 26 Mar/mar 2002 JP (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- PROCESS FOR PRODUCING HETEROCYCLIC ALDEHYDE
- PROCEDE DE PRODUCTION D'ALDEHYDE HETEROCYCLIQUE

(71) **KOEI CHEMICAL CO., LTD.** [JP/JP]; 12-13, Hanatennishi 2-chome, Joto-ku, Osaka-shi, Osaka 536-0011 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIOMI, Yasuhiro** [JP/JP]; c/o KOEI CHEMICAL CO., LTD., 12-13, Hanatennishi 2-chome, Joto-ku, Osaka-shi, Osaka 536-0011 (JP). **UNO, Osamu** [JP/JP]; c/o

KOEI CHEMICAL CO., LTD., 12-13, Hanatennishi 2-chome, Joto-ku, Osaka-shi, Osaka 536-0011 (JP). **OHTA, Akio** [JP/JP]; c/o KOEI CHEMICAL CO., LTD., 12-13, Hanatennishi 2-chome, Joto-ku, Osaka-shi, Osaka 536-0011 (JP). **SUNAKAMI, Takeshi** [JP/JP]; c/o KOEI CHEMICAL CO., LTD., 12-2, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).

(74) **ASAHINA, Sohta et al.** / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

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

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

(51)⁷ C07D 213/82, A01N 43/40

(11) WO 03/080576 (13) A2

(21) PCT/US03/08179

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/365,765 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- PYRIDINYL AMIDES AND ADVANCED COMPOSITIONS THEREOF FOR USE AS FUNGICIDES

- PYRIDINYL AMIDES ET COMPOSITIONS A BASE DE PYRIDINYL AMIDE POUVANT ETRE UTILISEES AVANTAGEUSEMENT COMME FONGICIDES

(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) **FOOR, Stephen, Ray** [US/US]; 508 Hemingway Drive, Hockessin, DE 19707 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C07D 215/28, C07C 255/26, A01N 43/42, 37/34

(11) WO 03/080577 (13) A2

(21) PCT/EP03/02920

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 0486/02 21 Mar/mar 2002 CH (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- ORGANIC COMPOUND

- COMPOSES ORGANIQUES

(71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

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

(71) **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

(only for / seulement pour AT)

(72, 75) **DUCRAY, Pierre** [FR/FR]; 8, rue des alliés, F-68128 Village-Neuf (FR). **GOEBEL, Thomas** [DE/DE]; Lettenweg 28B, 79539 Lörrach (DE).

(74) **GROS, Florent**; Novartis AG, Corporate Intellectual Property, 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 NI NO NZ OM PH PL PT RO RU SC SE SG 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 HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C07D 215/38, 215/40, 217/22, 217/24, 217/26, 237/28, 401/12, 401/14, 521/00, A61K 31/4709, 31/472, 31/4725, 31/501, 31/506, A61P 29/00

(11) WO 03/080578 (13) A1

(21) PCT/GB03/01302

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 0206876.5 22 Mar/mar 2002 GB (22.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HETEROAROMATIC UREA DERIVATIVES AS VR-1 RECEPTOR MODULATORS FOR TREATING PAIN
- DERIVES HETEROAROMATIQUES D'UREE EN TANT QUE MODULATEURS DU RECEPTEUR VR-1 POUR TRAITER LA DOULEUR
- (71) MERCK SHARP & DOHME LIMITED [GB/GB]; Hertford Road, Hoddesdon, Hertfordshire EN11 9BU (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BROWN, Rebecca, Elizabeth [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). DOUGHTY, Victoria, Alexandra [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). HOLLINGWORTH, Gregory, John [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). JONES, A., Brian [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). LINDON, Matthew, John [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). MOYES, Christopher, Richard [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). ROGERS, Lauren [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB).
- (74) HORGAN, James, Michael, Frederic; European Patent Department, Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 215/38, 215/16, 217/02, 401/12, 405/12, 409/12, 417/12, A61K 31/47
- (11) WO 03/080579 (13) A1
- (21) PCT/SE03/00481
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) en (26) en
- (30) 0200920-7 25 Mar/mar 2002 SE (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NOVEL ADAMANTANE DERIVATIVES
- NOUVEAUX DERIVES D'ADAMANTANE
- (71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FORD, Rhonan [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB). LEROUX, Frederic [FR/FR]; 20 rue du Rhin, F-68300 Saint Louis (FR). STOCKS, Michael [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB).
- (74) GLOBAL INTELLECTUAL PROPERTY; AstraZeneca AB, S-151 85 Södertälje (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (u) for / pour US only / seulement
-
- (51)⁷ C07D 215/40, A61K 31/47, A61P 25/00, C07D 487/04, 487/08
- (11) WO 03/080580 (13) A2
- (21) PCT/EP03/03197
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) en (26) en
- (30) 0207289.0 27 Mar/mar 2002 GB (27.03.2002)
- (30) 0225678.2 4 Nov/nov 2002 GB (04.11.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NOVEL COMPOUNDS
- COMPOSES
- (71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AHMED, Mahmood [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). JOHNSON, Christopher, Norbert [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). JONES, Martin, C [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). MACDONALD, Gregor, James [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). MOSS, Stephen, Frederick [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). THOMPSON, Mervyn [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). WADE, Charles, Edward [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). WITTY, David [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).
- (74) VALENTINE, Jill, Barbara; GlaxoSmithKline, CN925.1, 980 Great West Road, Brentford, Middlesex TW8 9GS (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07D 221/12, 401/06, 401/04, 401/12, 401/14, 409/14, 471/04, 487/04, A61K 31/473, A61P 25/00, 9/00 // (C07D 471/04, 221:00, 209:00) (C07D 487/04, 235:00, 231:00)
- (11) WO 03/080581 (13) A1
- (21) PCT/JP03/03579
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) en (26) en
- (30) PS 1374 26 Mar/mar 2002 AU (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PHENANTHRIDINONES AS PARP INHIBITORS
- PHENANTHRIDINONES UTILISEES COMME INHIBITEURS DE PARP
- (71) FUJISAWA PHARMACEUTICAL CO., LTD. [JP/JP]; 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAMAMOTO, Hirofumi [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). MUKOYOSHI, Koichiro [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). HATTORI, Kouji [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP).
- (74) NOGAWA, Shintaro; Minamimorimachi Park Bldg., 1-3, Nishitenma 5-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 JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07D 221/20, 401/12, 417/12, 405/12, C07H 7/06, A61K 31/4747, A61P 35/00, 33/00
- (11) WO 03/080582 (13) A2
- (21) PCT/EP03/02922
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) de (26) de
- (30) 102 13 580.0 26 Mar/mar 2002 DE (26.03.2002)
- (30) 102 48 451.1 17 Oct/oct 2002 DE (17.10.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FREDERICAMYCIN DERIVATIVES
• DERIVES DE FREDERICAMYCINE
- (71) BIOLEADS GMBH [DE/DE]; Waldhofer Strasse 104, 69123 Heidelberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ABEL, Ulrich [DE/DE]; Angelweg 2, 69121 Heidelberg (DE). SIMON, Werner [DE/DE]; In der Leihwiese 29, 55595 Hüfelsheim (DE).
- (74) SCHMIDT-EVERS, Jürgen; Mitscherlich & Partner, Sonnenstrasse 33, 80331 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 251/60
- (11) WO 03/080584 (13) A1
- (21) PCT/EP03/02867
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) MI2002A000615 25 Mar/mar 2002 IT (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROCESS FOR THE PRODUCTION OF MELAMINE FROM UREA, AND PARTICULARLY FOR THE SEPARATION OF MELAMINE FROM OFF-GAS
• PROCEDE DE PRODUCTION DE MELAMINE A PARTIR DE L'UREE ET EN PARTICULIER, DE SEPARATION DE LA MELAMINE DU GAZ DE DEGAGEMENT
- (71) EUROTECNICA GROUP S.A. [CH/CH]; Rue Général Dufour 153, CH-2052 Bienne (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARMEGIANI, Massimo [IT/IT]; Via Secchia 10, I-21057 Olgiate Olona (IT). NOE, Sergio [IT/IT]; Via Triulziana 34, I-20097 San Donato Milanese (IT). SANTUCCI, Roberto [IT/IT]; Via Birago 2, I-21050 Gorla Maggiore (IT).
- (74) DE GREGORI, Antonella et al. / etc.; Ing. Barzano' & Zanardo, Milano S.p.A., Via Borgonuovo, 10, I-20121 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 231/20, A61K 31/4152, A61P 9/00, 9/04, C07C 231/22
- (11) WO 03/080583 (13) A1
- (21) PCT/JP03/03813
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) ja (26) ja
- (30) 2002-087499 27 Mar/mar 2002 JP (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MEDICINE FOR PREVENTION AND/OR THERAPY OF CARDIOMYOPATHY
• MEDICAMENT POUR PREVENIR ET/OU TRAITER UNE CARDIOMYOPATHIE
- NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 277/46, 277/56, 401/12, 417/12, 417/14, 513/04, 417/06, A61K 31/426, 31/427, 31/433, 31/437, 31/4439, 31/506, A61P 3/04, 3/10, 43/00
- (11) WO 03/080585 (13) A1
- (21) PCT/JP03/03656
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ja (26) ja
- (30) 2002-85720 26 Mar/mar 2002 JP (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NOVEL AMINOBENZAMIDE DERIVATIVE
• DERIVE AMINOBENZAMIDE
- (71) BANYU PHARMACEUTICAL CO., LTD. [JP/JP]; 2-3, Nihombashi Honcho 2-chome, Chuo-ku, Tokyo 103-8416 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NISHIMURA, Teruyuki [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). IINO, Tomoharu [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). NAGATA, Yasufumi [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP). EIKI, Junichi [JP/JP]; c/o BANYU PHARMACEUTICAL CO., LTD. Tsukuba Research Institute, 3, Okubo, Tsukuba-shi, Ibaraki 300-2611 (JP).
- (74) BANYU PHARMACEUTICAL CO., LTD.; 2-3, Nihombashi Honcho 2-chome, Chuo-ku, Tokyo 103-8416 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07D 295/20, 211/18, 211/58, 211/16, 211/82, 211/26, A61K 31/495, A61P 35/00, 29/00, 37/06
- (11) WO 03/080586 (13) A1
- (21) PCT/US03/08139
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) en (26) en
- (30) 10/103,434 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • N-SULFONYLUREA APOPTOSIS PROMOTERS

• PROMOTEURS DE L'APOPTOSE DE LA N-SULFONYLUREE

- (71) **ABBOTT LABORATORIES** [US/US]; Dept. 377/AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).
- (72) **ELMORE, Steven, W.**; 6405 Lone Tree Court, Gurnee, IL 60031 (US). **PARK, Cheol-Min**; 1407 Almaden Lane, Gurnee, IL 60031 (US). **WANG, Xilu**; 34056 Sulkey Drive, Grayslake, IL 60030 (US).
- (74) **STEELE, Gregory, W. et al. / etc.**; Dept 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 HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ C07D 305/14, C07F 7/18, G01N 33/48

(11) WO 03/080587 (13) A1

(21) PCT/EP03/02634

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 02076113.6 21 Mar/mar 2002 EP (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • LABELLED TAXANES

• TAXANES MARQUES

(71) **PHARMACIA ITALIA SPA** [IT/IT]; Via Robert Koch, 1.2, I-20152 Milan (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIRIBONE, Danilo** [IT/IT]; Via Giuseppe Carozzi, 5/4, I-20147 Milan (IT). **FONTANA, Erminia** [IT/IT]; Piazza 106 Brigata Garibaldi, 12, I-20014 Nerviano (MI) (IT).

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

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

Published / Publiée : (c)

(51)⁷ C07D 307/83, 309/10, 313/04, A61K 31/366, A61P 25/32

(11) WO 03/080588 (13) A1

(21) PCT/US03/08736

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/367,297 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CYCLIC 1-(ACYLOXY)-ALKYL PRODRUGS OF GABA ANALOGS, COMPOSITIONS AND USES THEREOF

• PROMEDICAMENTS 1-(ACYLOXY)-ALKYLE CYCLIQUE D'ANALOGUES DE L'ACIDE GAMMA-AMINO BUTYRIQUE, LEURS COMPOSITIONS ET LEURS UTILISATIONS

(71) **XENOPORT** [US/US]; 3410 Central Expressway, Santa Clara, CA 95051 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GALLOP, Mark, A.** [NZ/US]; 511 Orange Avenue, Los Altos, CA 94022 (US). **XIANG, Jia-Ning** [CN/US]; 707 De Soto Drive, Palo Alto, CA 94303 (US). **YAO, Fenmei** [CN/US]; 2185B Stanford Avenue., Mountain View, CA 94040 (US). **BHAT, Laxminarayan** [IN/US]; 2326 California Street, Apt. #20, Mountain View, CA 94040 (US).

(74) **ABRAMS, Samuel, B. 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C07D 307/87, A61K 31/343

(11) WO 03/080589 (13) A1

(21) PCT/GB03/01032

(22) 11 Mar/mar 2003 (11.03.2003)

(25) en (26) en

(30) 0206708.0 21 Mar/mar 2002 GB (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PURIFIED CITALOPRAM SALTS
• SELS DE CITALOPRAM PURIFIES

(71) **CIPLA LTD** [IN/IN]; 289 Bellasis Road, Mumbai Central, Mumbai 400 008 (IN).
(for all designated States except / pour tous les États désignés sauf US)

(71) **WAIN, Christopher, Paul** [GB/GB]; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).
(only for / seulement pour MW)

(72, 75) **HAMIED, Yusuf, Khwaja** [IN/IN]; 2nd Floor, Windsor Villa, Westfield Estate, Off Bhulabhai Desai Road, Mumbai 400 026 (IN). **KANKAN, Rajendra, N.** [IN/IN]; A-3/5, NBD Society, NSS Road, Ghatkopar, Mumbai 400 084, Maharashtra (IN). **RAO, Dharmaraj, R.** [IN/IN]; 204 Shriji Krupa Swaminarayannagar, Pokharan Road #1, Thane 400 601, Maharashtra (IN).

(74) **WAIN, Christopher, Paul et al. / etc.**; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).

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

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 307/87

(11) WO 03/080590 (13) A1

(21) PCT/IB03/01641

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 02252047.2 21 Mar/mar 2002 EP (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PROCESS FOR THE ISOLATION OF HIGH PURITY CRYSTALLINE CITALOPRAM BASE

• PROCEDE D'ISOLEMENT D'UNE BASE DE CITALOPRAM CRISTALLINE DE HAUTE PURETE

(71) **MAX INDIA LIMITED** [IN/IN]; 56 Industrial Area, Nanjangud 571 301, Karnataka (IN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BABU, Ambati, Narahari** [IN/IN]; 3rd Cross, Gange Road, Kuvempu Nagar, Mysore- 570 023, Karnataka (IN). **GOUD, Vuddamari, Srinivas** [IN/IN]; D. No. 2166, 6th Cross, K Block, Kuvempu Nagar, Mysore- 570 023, Karnataka (IN). **GAONKAR, Santosh, Laxman** [IN/IN]; No. 5342/1 Basavanagudi Block, Nanjangud, Mysore- 571 301, Karnataka (IN). **THOMAS, Saji** [IN/IN]; D. No. 622., 3rd Main, 9th Cross, Aravind Nagar, Mysore- 571 301, Karnataka (IN). **MANJUNATHA, Sular, G.** [IN/IN]; D. No. 491 A-B, Chitabanu Road, Kuvempu Nagar, Mysore- 570 023, Karnataka (IN). **KULKARNI, Ahsok, Krishna** [IN/IN]; #1447, C & D Block, Sanje Ravi Road, Mysore 570 023, Karnataka (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 309/10

(11) WO 03/080591 (13) A1

(21) PCT/SI03/00009

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

- (30) P-200200086 **26 Mar/mar 2002** SI
(26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROCESS FOR THE PREPARATION OF 4-OXYTETRAHYDROPYRAN-2-ONES
• PROCEDE DE PREPARATION DE 4-OXYTETRAHYDROPYRAN-2-ONES
- (71) KRKA TOVARNA ZDRAVIL, D.D., NOVO MESTO [SI/SI]; Smarjeska cesta 6, 8501 Novo mesto (SI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZUPANCIC, Silvo [SI/SI]; Seidlova 34, 8000 Novo mesto (SI). KRASOVEC, Dusan [SI/SI]; Sentrupert 82, 8232 Sentrupert (SI). ZUPET, Pavel [SI/SI]; Mlinarska 15, 8000 Novo mesto (SI).
- (74) PATENTNA PISARNA D.O.O.; Copova 14, POB 1725, 1001 Ljubljana (SI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 311/28, 311/34, 311/26, C07H 17/04, 17/06, A61K 31/352, 31/35
- (11) WO 03/080593 (13) A1
- (21) PCT/CN03/00206
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) zh (26) zh
- (30) PCT/CN02/00186 **22 Mar/mar 2002** CN
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HYDROPHILIC POLYMERS-FLAVONOIDS CONJUGATES AND PHARMACEUTICAL COMPOSITIONS COMPRISING THEM
• CONJUGUES HYDROPHILES DE POLYMERES-FLAVONOIDES ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT
- (71) BEIJING JIANKAI TECHNOLOGY CO., LTD. [CN/CN]; Building C-4F Shangdi Xinxilu No.2 Pioneering Park, Haidian District, Beijing 100085 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JI, Shishan [CN/CN]; Huaye Building 1209, Tsinghua University, Beijing 100084 (CN). ZHU, Dequan [CN/CN]; Huaye Building 2611, Tsinghua University, Beijing 100084 (CN).
- (74) NTD PATENT & TRADEMARK AGENCY LIMITED BEIJING OFFICE; 10th Floor, Block A Investment Plaza 27 Jinrongdajie, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ C07D 309/38, A61K 31/366, A61P 9/10, 9/12, 11/00, 13/12, 17/00, 17/02, 17/14, 29/00, 43/00
- (11) WO 03/080592 (13) A1
- (21) PCT/JP03/03392
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) ja (26) ja
- (30) 2002-88574 **27 Mar/mar 2002** JP
(27.03.2002)
- (30) 2002-88575 **27 Mar/mar 2002** JP
(27.03.2002)
- (30) 2002-290843 **3 Oct/oct 2002** JP
(03.10.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • 2-PYRONE COMPOUNDS AND USE THEREOF
• COMPOSÉS 2-PYRONE ET UTILISATION DE CEUX-CI
- (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) TAKAHASHI, Junya [JP/JP]; 4-3-84, Fushimidai, Inagawa-cho, Kawabe-gun, Hyogo 666-0262 (JP). HIGASHI, Kiyoshi [JP/JP]; 6-2-33-706, Tani-machi, Chuo-ku, Osaka-shi, Osaka 542-0012 (JP).
- (74) ENOMOTO, Masayuki et al. / etc.; c/o Sumitomo Chemical Intellectual Property Service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP).
- (25) en (26) en
- (30) 10/100,638 **19 Mar/mar 2002** US
(19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SUBSTITUTED CHROMAN DERIVATIVES HAVING CYTOCHROME P450RAI INHIBITORY ACTIVITY
• DERIVES CHROMANS SUBSTITUES PRESENTANT UNE ACTIVITE INHIBITRICE DU CYTOCHROME P450RAI
- (71) ALLERGAN, INC. [US/US]; 2525 Dupont Drive, Irvine, CA 92612 (US).
- (72) VASUDEVAN, Jayasree; 1220 S. Night Star Way, Anaheim, CA 92808 (US). WANG, Liming; 24 Del Ventura, Irvine, CA 92606 (US). LIU, Xiaoxia; 1342 Walnut Avenue, No. 103, Tustin, CA 92780 (US). TSANG, Kwok-Yin; 1 Pollena, Irvine, CA 92606 (US). YUAN, Yang-Dar; 19212 Sierra Isabella, Irvine, CA 91612 (US). CHANDRARATNA, Roshantha, A.; 25241 Buckskin, Laguna Hills, CA 92653 (US).
- (74) JOHNSON, Brent, A. et al. / etc.; c/o Allergan, Inc., 2525 Dupont Drive, Irvine, CA 92612 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 311/92, C09K 9/00
- (11) WO 03/080595 (13) A1
- (21) PCT/EP03/02870
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) de (26) de
- (30) 102 12 717.4 **21 Mar/mar 2002** DE
(21.03.2002)
- (30) 102 12 991.6 **22 Mar/mar 2002** DE
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • BLUE 3H-NAPHTHO-[2,1-B]-PYRAN DERIVATIVES AND USE THEREOF
• DERIVES BLEUS DE 3H-NAPHTHO[2,1-B]-PYRANNE ET UTILISATION DE CES DERIVES
- (71) RODENSTOCK GMBH [DE/DE]; Isartalstrasse 43, 80469 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MANN, Claudia [DE/DE]; Volkartstrasse 21, 80634 München (DE). MELZIG, Manfred [DE/DE]; Sommerstrasse 20, 82234 Wessling (DE). WEIGAND, Udo [DE/DE]; Menzingerstrasse 21, 80638 München (DE).
- (74) HOCK, Joachim; Müller-Boré & Partner, Grafinger Strasse 2, 81671 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
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- Published / Publiée : (c)
- (51)⁷ C07D 311/58, A61K 31/353, A61P 17/00
- (11) WO 03/080594 (13) A1
- (21) PCT/US03/07612
- (22) 11 Mar/mar 2003 (11.03.2003)

- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C07D 401/12, A01N 43/42, C07D 495/04
(11) WO 03/080596 (13) A2
(21) PCT/US03/05383
(22) 20 Feb/fév 2003 (20.02.2003)
(25) en (26) en
(30) 60/365,767 19 Mar/mar 2002 US (19.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • BICYCLIC FUSED PYRIDINYL AMIDES AND ADVANTAGEOUS COMPOSITIONS THEREOF FOR USE AS FUNGICIDES
• AMIDES PYRIDINYLE FUSIONNES BICYCLIQUES ET COMPOSITIONS INTERESSANTES DE CES DERNIERS UTILES EN TANT QUE FONGICIDES
- (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) BISAHA, John, Joseph [US/US]; 511 Runnymede Road, Hockessin, DE 19702 (US). HAY, James, Volney [US/US]; 17 Deer Track Lane, Newark, DE 19711 (US). FOOR, Stephen, Ray [US/US]; 508 Hemingway Drive, Hockessin, DE 19702 (US). WALKER, Michael, Paul [US/US]; 137 Thompson Circle, Landenberg, PA 19350 (US). CLARK, David, Alan [GB/US]; 109 Stoney Ridge Road, Landenberg, PA 19350 (US).
- (74) HEISER, David, E.; E. I. Du Pont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 401/14, 209/08
(11) WO 03/080597 (13) A1
(21) PCT/DK03/00208
(22) 26 Mar/mar 2003 (26.03.2003)
- (25) en (26) en
(30) PA 2002 00480 27 Mar/mar 2002 DK (27.03.2002)
(30) 60/368,434 27 Mar/mar 2002 US (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD FOR MANUFACTURE OF SERTINDOLE
• PROCEDE DE FABRICATION DE SERTINDOLE
- (71) H. LUNDBECK A/S [DK/DK]; Otiliavej 9, DK-2500 Valby-Copenhagen (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZANON, Jacopo [IT/IT]; Cannaregio, 2399, I-30100 Venezia (IT). VILLA, Marco [IT/IT]; Via Riello, 7A, I-35123 Padova (IT). CIARDELLA, Francesco [IT/IT]; Via Di-ano, 11, I-35125 Padova (IT).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 403/06, A61K 31/4196, A61P 25/06
(11) WO 03/080598 (13) A1
(21) PCT/DE03/01020
(22) 21 Mar/mar 2003 (21.03.2003)
(25) de (26) de
(30) 102 14 228.9 22 Mar/mar 2002 DE (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DEUTERATED SUBSTITUTED INDOLES AND MEDICAMENTS CONTAINING SAID COMPOUNDS
• INDOLES SUBSTITUES DEUTERISES ET MEDICAMENTS CONTENANT CES COMPOSES
- (71) BDD Group Holding AG [CH/CH]; Bahnhofstrasse 23, CH-6300 Zug (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ALKEN, Rudolf-Giesbert [DE/DE]; Schillerstrasse 86, 16341 Zepernick (DE).
- (74) SCHUBERT, Klemens; Neue Promenade 5, 10178 Berlin-Mitte (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 NI NO NZ OM PH PL PT RO RU SC SD
- SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C07D 405/06, A61K 31/4025, A61P 13/00
(11) WO 03/080599 (13) A1
(21) PCT/IB03/01043
(22) 17 Mar/mar 2003 (17.03.2003)
(25) en (26) en
(30) 0207104.1 26 Mar/mar 2002 GB (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • STABLE HYDRATE OF A MUSCARINIC RECEPTOR ANTAGONIST
• HYDRATE STABLE D'ANTAGONISTE DE RECEPTEUR MUSCARINIQUE
- (71) NOVARTIS INTERNATIONAL PHARMACEUTICAL LTD. [—/—]; Hurst Holme, 12 Trott Road, Hamilton HM11 (BM).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DUNN, Peter, James [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). MATTHEWS, John, George [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent, CT13 9NJ (GB). NEWBURY, Trevor, Jack [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). O'CONNOR, Garry [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent, CT13 9NJ (GB).
- (74) HAYLES, James, R.; Pfizer Limited, Ramsgate Road, Sandwich, Kent, CT13 9NJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 407/10, 407/14
(11) WO 03/080600 (13) A1
(21) PCT/BR03/00045
(22) 25 Mar/mar 2003 (25.03.2003)
(25) en (26) en
(30) PI 0201237-5 25 Mar/mar 2002 BR (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • PROCESS TO OBTAIN DIBENZYLBU-TYROLACTONIC LIGNANS; PROCESS

TO OBTAIN SYNTHETIC DERIVATIVES FROM LIGNANES BEARING ANTI-CHAGAS CHEMOPROPHYLACTIC AND THERAPEUTICAL ACTIVITIES

- PROCEDE PERMETTANT D'OBTENIR DES LIGNANES DIBENZYL BUTYROLACTONIQUES ; PROCEDE PERMETTANT D'OBTENIR DES DERIVES SYNTHETIQUES DE LIGNANES PRESENTANT DES ACTIVITES THERAPEUTIQUES ET CHIMIO-PREVENTIVES ANTI-CHAGAS

(71) FUNDAÇÃO DE AMPARO À PESQUISA DO ESTADO DE SÃO PAULO [BR/BR]; Rua Pio XI, 1500, Lapa, São Paulo (BR).

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(72, 75) SILVA, Márcio, Luis, Andrade [BR/BR]; Rua Demar Tozzi, 521, Franca (BR). ALBUQUERQUE, Sérgio [BR/BR]; Av. das Sibipirunas, 221, Ribeirão Preto (BR). SOUZA, Gustavo, Henrique, Bianco [BR/BR]; Rua Coronel André Vilela, 10, Pedregulho (BR). BASTOS, Jairo, Kenupp [BR/BR]; Av. Caramuru, 1280 - ap 61, República, Ribeirão Preto (BR). SILVA, Rosângela [BR/BR]; Rua Domingos Valério, 61, Santa Luzia, Jaboticabal (BR).

(74) ADV. PIETRO ARIBONI S/C; Rua Guararapes, 1909 - 7o andar, Brooklin, 04561-004 São Paulo (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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07D 409/12, 205/04, C07K 5/06, C07D 207/16

(11) WO 03/080601 (13) A1

(21) PCT/KR03/00558

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 10-2002-0015627 22 Mar/mar 2002 KR (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • NEW CRYSTALLINE FORMS OF (2S)-N-5-[AMINO(IMINO)METHYL]-2-THIENYLMETHYL-1-(2R)-2-[(CARBOXYMETHYL)AMINO]-3,3-DIPHENYLPROPANOYL-2-PYRROLIDINE CARBOXAMIDE NH₂O

- NOUVELLES FORMES CRISTALLINES DE

(2S)-N-5-[AMINO(IMINO)METHYL]-2-THIENYLMETHYL-1-(2R)-2-[(CARBOXYMETHYL)AMINO]-3,3-DIPHENYLPROPANOYL-2-PYRROLIDINE CARBOXAMIDE . NH<SB>2</SB>O

(71) LG LIFE SCIENCES LTD. [KR/KR]; LG Twin Tower, East Tower, 20, Yoido-dong, Youngdungpo-ku, Seoul 150-010 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Aeri [KR/KR]; R & D Park, LG Life Sciences Ltd., 104-1 Moongi-dong, Yuseong-gu, Taejeon 305-380 (KR). PARK, Jae-Hyeon [KR/KR]; R & D Park, LG Life Sciences Ltd., 104-1 Moongi-dong, Yuseong-gu, Taejeon 305-380 (KR). YOON, Suk-Kyoon [KR/KR]; R & D Park, LG Life Sciences Ltd., 104-1 Moongi-dong, Yuseong-gu, Taejeon 305-380 (KR). KIM, Bong-Chan [KR/KR]; R & D Park, LG Life Sciences Ltd., 104-1 Moongi-dong, Yuseong-gu, Taejeon 305-380 (KR). KIM, Sung-Ji [KR/KR]; R & D Park, LG Life Sciences Ltd., 104-1 Moongi-dong, Yuseong-gu, Taejeon 305-380 (KR). CHO, Kwan-Hyung [KR/KR]; R & D Park, LG Life Sciences Ltd., 104-1 Moongi-dong, Yuseong-gu, Taejeon 305-380 (KR).

(74) CHOI, Kyu-Pal; 4F, Halla Classic Building, 824-11 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 409/12, 205/04, C07K 5/06, C07D 207/16, C07H 19/01, C07C 57/30

(11) WO 03/080602 (13) A1

(21) PCT/KR03/00559

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 10-2002-0015661 22 Mar/mar 2002 KR (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MALEIC ACID SALT OF (2S)-N-5-[AMINO(IMINO)METHYL]-2-THIENYLMETHYL-1-(2R)-2-[(CARBOXYMETHYL)AMINO]-3,3-DIPHENYLPROPANOYL-2-PYRROLIDINE CARBOXAMIDE AND A PROCESS FOR

- SEL D'ACIDE MALEIQUE DE (2S)-N-5-[AMINO(IMINO)METHYL]-2-THIENYLMETHYL-1-(2R)-2-[(CARBOXYMETHYL)AMINO]-3,3-DIPHENYLPROPANOYL-2-PYRROLIDINE CARBOXAMIDE ET PROCEDE DE PREPARATION CORRESPONDANT

(71) LG LIFE SCIENCES LTD. [KR/KR]; LG Twin Tower, East Tower, 20, Yoido-dong, Youngdungpo-ku, Seoul 150-010 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Aeri [KR/KR]; R & D Park, LG Life Sciences Ltd., 104-1 Moongi-dong, Yuseong-gu, Taejeon 305-380 (KR). PARK, Jae-Hyeon [KR/KR]; R & D Park, LG Life Sciences Ltd., 104-1 Moongi-dong, Yuseong-gu, Taejeon 305-380 (KR). YOON, Suk-Kyoon [KR/KR]; R & D Park, LG Life Sciences Ltd., 104-1 Moongi-dong, Yuseong-gu, Taejeon 305-380 (KR). PARK, Cheol-Won [KR/KR]; R & D Park, LG Life Sciences Ltd., 104-1 Moongi-dong, Yuseong-gu, Taejeon 305-380 (KR). CHO, Kwan-Hyung [KR/KR]; R & D Park, LG Life Sciences Ltd., 104-1 Moongi-dong, Yuseong-gu, Taejeon 308-380 (KR).

(74) CHOI, Kyu-Pal; Halla Classic Building 4F, 824-11 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 409/14, A61K 31/5513, A61P 7/02, 9/00, 9/10, 43/00

(11) WO 03/080603 (13) A1

(21) PCT/JP03/03816

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(30) 2002-088128 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BENZODIAZEPINE DERIVATIVE

- DERIVE DE BENZODIAZEPINE

(71) AJINOMOTO CO., INC. [JP/JP]; 15-1, Kyobashi 1-Chome, Chuo-Ku, Tokyo 104-0031 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKAYANAGI, Masaru [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). TOKUMASU, Munetaka [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). NIWA, Seiji [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). SUGIKI, Masayuki [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). SAKURAI, Kuniya [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). TAKEHANA, Shunji [JP/JP]; c/o AJINOMOTO CO.,

- INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). **TASHIRO, Kazumi** [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). **SAITOU, Yuki** [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). **TAKAHASHI, Mitsuo** [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). **TATARA, Akinori** [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). **TAKENAKA, Kaoru** [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP). **HIRASHIMA, Haruko** [JP/JP]; c/o AJINOMOTO CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0801 (JP).
- (74) **NAKAMURA, Minoru et al.** / etc.; Shin-Tokyo Bldg., 3-1, Marunouchi 3-Chome, Chiyoda-Ku, Tokyo 100-8355 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 413/04
(11) **WO 03/080604** (13) A1
(21) PCT/EP03/03028
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 0206657.9 21 Mar/mar 2002 GB (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DIHYDROISOXAZOLYL SUBSTITUTED TETRAHYDROFURAN COOMPOUNDS AS INTERMEDIATES IN THE PREPARATION OF 2-(PURIN-9-YL) - TETRAHYDROFURAN DERIVATIVES
• COMPOSES DE TETRAHYDROFURAN DE DIHYDROISOXAZOLYLE SUBSTITUES UTILISES EN TANT QU'INTERMEDIAIRE DANS LA PREPARATION DE DERIVES DE 2-(PURINE-9-YL) - TETRAHYDROFURAN
- (71) **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WADE, Charles, Edward** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). **WHITEHEAD, Andrew** [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).
- (74) **THORNLEY, Rachel, M**; GlaxoSmithKline, 980 Great West Road, Brentford, Essex TW8 9GS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C07D 417/12
(11) **WO 03/080605** (13) A1
(21) PCT/KR02/00542
(22) 28 Mar/mar 2002 (28.03.2002)
(25) ko (26) en
(30) 2002/15755 22 Mar/mar 2002 KR (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • THIAZOLIDINEDIONE DERIVATIVES AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME
• DERIVES DE THIAZOLIDINEDIONE ET COMPOSITION PHARMACEUTIQUE LES CONTENANT
- (71) **CHONG KUN DANG PHARMACEUTICAL CORP.** [KR/KR]; 368, Chungjungro 3-ga, Seodaemun-gu, 120-756 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HONG, CHUNG-IL** [US/US]; 4446, West Bertea Ave., Chicago, IL 60641-1097 (US). **AHN, Soon-Kil** [KR/KR]; 11-1213, Eunma APT, Daechi 2-dong, Kangnam-gu, 135-778 Seoul (KR). **KIM, Bok-Young** [KR/KR]; 103-905, Sungwon APT, Guwoon-dong, Kwonsun-gu, Suwon-si, 441-340 Kyunggi-do (KR). **AHN, Joong-Bok** [KR/KR]; 111-704, Samil APT, #427-1, Sandong-ri, Eumbong-myun, Asan-si, 336-863 Chungnam (KR). **LEE, Do-Young** [KR/KR]; 621-65, Yonghyun 5-dong, Nam-gu, 402-025 Incheon (KR). **LEE, Hong-Woo** [KR/KR]; 21-1705, Hanyang APT, #880, Bono 2-dong, Ansan-si, 425-730 Kyunggi-do (KR). **SHIN, Jae-Soo** [KR/KR]; 101-303, Hanshin APT, #60-7, Jamwon-dong, Seocho-gu, 137-797 Seoul (KR).
- (74) **LEE, Byung-Hyun**; RM 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07D 451/14
(11) **WO 03/080606** (13) A1
(21) PCT/IB03/01058
(22) 21 Mar/mar 2003 (21.03.2003)
(25) en (26) en
(30) P200200713 26 Mar/mar 2002 ES (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • PROCESS FOR PREPARING A PHARMACEUTICALLY ACTIVE COMPOUND (GRANISETRON)
• PROCEDE DE PREPARATION D'UN COMPOSE PHARMACEUTIQUEMENT ACTIF (GRANISETRON)
- (71) **LABORATORIOS VITA, S.A.** [ES/ES]; Av. Barcelona, 69, Pol. Ind. de la Fontanta, 08970 SANT JOAN DESPI (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DALMASES BARJOAN, Pere** [ES/ES]; Pi i Maragall 7, 08980 SANT FELIU DE LLOBREGAT (ES). **PUIG TORRES, Salvador** [ES/ES]; Av. Icaria 149, 2º 1ª, 08005 BARCELONA (ES).
- (74) **PONTI SALES, Adelaida**; OFICINA PONTI, Consell de Cent 322, 08007 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(t) for all designations / pour toutes les désignations

(51)⁷ C07D 471/04, 473/00, A61K 31/4427, 31/52, A61P 25/00 // (C07D 471/04, 235:00, 221:00)

(11) WO 03/080607 (13) A1

(21) PCT/EP03/03076

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 02007049.6 27 Mar/mar 2002 EP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • NOVEL ALKOXYPYRIDINE-DERIVATIVES

• NOUVEAUX DERIVES D'ALCOXYPYRIDINE

(71) ALTANA PHARMA AG [DE/DE]; Byk-Gulden-Str. 2, 78467 Konstanz (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72) BOER, Rainer; Rebbergstrasse 43, 78464 Konstanz (DE). MARX, Degenhard; Obere Reute 15, 78345 Moos (DE). ELTZE, Manfred; Schützenstrasse 20, 78462 Konstanz (DE). KLEIN, Thomas; Döbelestr. 16, 78462 Konstanz (DE). NAVE, Rüdiger; Friedrichstrasse 46, 78464 Konstanz (DE). GRÄDLER, Ulrich; Winkelstr. 2, 78467 Konstanz (DE). FUCHB, Thomas; Mezgerwaidring 43, 78315 Radolfzell (DE). BARSIG, Johannes; Bleichenweg 11, 78467 Konstanz (DE).

(72, 75) ULRICH, Wolf-Rüdiger [DE/DE]; Alpenstr. 2, 78464 Konstanz (DE).

(74) ALTANA PHARMA AG; Byk-Gulden-Strasse 2, 78467 Konstanz (DE).

(81) AE AL AU BA BR CA CN CO CU DZ EC GE HR ID IL IN IS JP KR LT LV MA MK MX NO NZ PH PL SG TN UA US 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 HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AL AU BA BR CA CN CO CU DZ EC GE HR ID IL IN IS JP KR LT LV MA MK MX NO NZ PH PL SG TN UA VN YU ZA ZW EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C07D 471/04, A61K 31/395, A61P 25/00

(11) WO 03/080608 (13) A2

(21) PCT/EP03/03195

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 0207278.3 27 Mar/mar 2002 GB (27.03.2002)

(30) 0207281.7 27 Mar/mar 2002 GB (27.03.2002)

(30) 0207275.9 27 Mar/mar 2002 GB (27.03.2002)

(30) 0207282.5 27 Mar/mar 2002 GB (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • NOVEL COMPOUNDS

• COMPOSES

(71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).

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(72, 75) JOHNSON, Christopher, Norbert [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

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MOSS, Stephen, Frederick [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

THOMPSON, Mervyn [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

WITTY, David [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) HOCKLEY, Sian, Catherine; GlaxoSmithKline, CN925.1, 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 471/04, A61K 31/437, A61P 25/00, 9/00, 29/00, 37/00 // (C07D 471/04, 231:00, 221:00)

(11) WO 03/080609 (13) A1

(21) PCT/EP03/03198

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 0207249.4 27 Mar/mar 2002 GB (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PYRAZOLOPYRIMIDINES DERIVATIVES

• DERIVES PYRAZOLOPYRIMIDINES

(71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WITHERINGTON, Jason [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) GIDDINGS, Peter, John; GlaxoSmithKline, 980 Great West Road CN925.1, Brentford, Middlesex TW8 9GS (GB).

(74) RUTTER, Keith; GlaxoSmithKline, 980 Great West Road, Brentford, Middlesex UB6 0NN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 471/04, A61K 31/437, A61P 35/00 // (C07D 471/04, 235:00, 221:00)

(11) WO 03/080610 (13) A1

(21) PCT/GB03/01205

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 0206860.9 22 Mar/mar 2002 GB (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IMIDAZOPYRIDINE DERIVATIVES AS KINASE INHIBITORS

• DERIVES D'IMIDAZOPYRIDINE ENTANT QU'INHIBITEURS DE KINASE

(71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAILEY, Nicholas [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

BAMFORD, Mark, James [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

GARLAND, Stephen [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

GOODMAN, Krista, B. [US/US]; GlaxoSmithKline, 709 Swedeland Road, King of Prussia, PA 19406 (US).

HAIFENG, Cui [—/US]; GlaxoSmithKline, 709 Swedeland Road, King of Prussia, PA 19406 (US).

HILFIKER, Mark, A. [US/US]; GlaxoSmithKline, 709 Swedeland Road, King of Prussia, PA 19406 (US).

LEE, Dennis [US/US]; GlaxoSmithKline, 709 Swedeland Road, King of Prussia, PA 19406 (US).

PANCHAL, Terence, Aaron [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

STAVENGER, Robert, A. [US/US]; GlaxoSmithKline, 709 Swedeland Road, King of Prussia, PA 19406 (US).

WILSON, David, Matthew [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

WITHERINGTON, Jason [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) GIDDINGS, Peter, John; GlaxoSmithKline, 980 Great West Road CN925.1, Brentford, Middlesex TW8 9GS (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07D 471/10, A61K 31/438, A61P 1/04, 11/02, 11/06, 13/12, 17/00, 19/02, 25/00, 29/00, 37/02, 37/08, 43/00
- (11) WO 03/080611 (13) A1
- (21) PCT/JP03/03324
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) ja (26) ja
- (30) 2002-80697 22 Mar/mar 2002 JP (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SPIRO DERIVATIVES AND ADHESION MOLECULE INHIBITORS COMPRISING THE SAME AS THE ACTIVE INGREDIENT
- DERIVES SPIRO ET INHIBITEURS DE MOLECULES D'ADHESION LES CONTENANT EN TANT QUE PRINCIPE ACTIF
- (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) ISHIGAKI, Takeshi [JP/JP]; 3-20-1-504, Kamakurayama, Kamakura-shi, Kanagawa 248-0031 (JP). TANIGUCHI, Koji [JP/JP]; 1-31-22-S402, Tsunishi, Kamakura-shi, Kanagawa 248-0034 (JP). KAINOH, Mie [JP/JP]; 633-1-201, Fujisawa, Fujisawa-shi, Kanagawa 251-0052 (JP). MEGURO, Hiroyuki [JP/JP]; 1111-301, Teburo, Kamakura-shi, Kanagawa 248-0036 (JP). ISHIZAKA, Yoko [JP/JP]; 2-14-21, Higiriyama, Konan-ku, Yokohama-shi, Kanagawa 233-0015 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 471/14, A61K 31/55, A61P 31/18 // (C07D 471/14, 243:00, 221:00, 221:00)
- (11) WO 03/080612 (13) A1
- (21) PCT/CA03/00418
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) en (26) en
- (30) 60/367,971 27 Mar/mar 2002 US (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DIPYRIDODIAZEPINONES AS REVERSE TRANSCRIPTASE INHIBITORS
- DIPYRIDODIAZEPINONES EN TANT QU'INHIBITEURS DE LA TRANSCRIPTASE INVERSE
- (71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH [DE/DE]; Binger Strasse 173, 55216 Ingelheim am Rhein (DE).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) O'MEARA, Jeffrey [CA/CA]; 2100 Cunard Street, Laval, Québec H7S 2G5 (CA). SIMONEAU, Bruno [CA/CA]; 2100 Cunard Street, Laval, Québec H7S 2G5 (CA). YOAKIM, Christiane [CA/CA]; 2100 Cunard Street, Laval, Québec H7S 2G5 (CA). DÉZIEL, Robert [CA/CA]; 546 Chester, Mont-Royal, Québec H3R 1W9 (CA). OGILVIE, William, W. [CA/CA]; 1999 Woodglen Crescent, Ottawa, Ontario K1J 6G7 (CA).
- (74) BERNIER, Louise, G.; Boehringer Ingelheim (Canada) Ltd., 2100 Cunard Street, Laval, Québec H7S 2G5 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 473/16, A61P 29/00
- (11) WO 03/080613 (13) A1
- (21) PCT/EP03/03027
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 0206655.3 21 Mar/mar 2002 GB (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROCESS FOR THE PREPARATION OF INTERMEDIATES IN THE SYNTHESIS OF 2-(PURIN-9-YL) - TETRAHYDRO-FURAN-3,4-DIOL DERIVATIVES
- PROCEDES POUR LA PREPARATION D'INTERMEDIAIRES DANS LA SYNTHESE DE DERIVES DE 2-(PURINE-9-YL)-TETRAHYDRO-FURAN-3,4-DIOL
- (71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BLATCHER, Philip [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).
- (74) THORNLEY, Rachel, M.; GlaxoSmithKline, 980 Great West Road, Brentford, Essex TW8 9GS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 487/04, A01N 43/00
- (11) WO 03/080614 (13) A2
- (21) PCT/EP03/02413
- (22) 10 Mar/mar 2003 (10.03.2003)
- (25) de (26) de
- (30) 102 12 886.3 22 Mar/mar 2002 DE (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TRIAZOLOPYRIMIDINES
- TRIAZOLOPYRIMIDINES
- (71) BAYER CROPSCIENCE AKTIENGESELLSCHAFT [DE/DE]; Alfred-Nobel-Str. 50, 40789 Monheim (DE).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BOIE, Christiane [DE/DE]; Landrat-Trimborn-Str. 47, 42799 Leichlingen (DE). DUNKEL, Ralf [DE/DE]; Krischerstr. 22, 40789 Monheim (DE). ELBE, Hans-Ludwig [DE/DE]; Dasnöckel 59, 42329 Wuppertal (DE). GAYER, Herbert [AT/DE]; Sandstr. 66, 40789 Monheim (DE). GEBAUER, Olaf [DE/DE]; Jesuitengasse 111, 50737 Köln (DE). KRÜGER, Bernd-Wieland [DE/DE]; Am Vorend 52, 51467 Bergisch Gladbach (DE). HEINEMANN, Ulrich [DE/DE]; Am Sonnenhang 1, 42799 Leichlingen (DE). VOERSTEN, Arnd [DE/DE]; Salierring 33, 50677 Köln (DE). GUTH, Oliver [DE/DE]; Lohrstr. 72c, 51371 Leverkusen (DE). EBBERT, Ronald [DE/DE]; Nikolaus-Kopernikus-Str. 13, 40789 Monheim (DE). WACHENDORFF-NEUMANN, Ulrike [DE/DE]; Oberer Markweg 85, 56566 Neuwied (DE). MAULER-MACHNIK, Astrid [DE/DE]; Neuenkamper Weg 48, 42799 Leichlingen (DE).
- (74) BAYER CROPSCIENCE AKTIENGESELLSCHAFT; Law & 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations

(51)⁷ C07D 487/04, A01N 43/90, C07C 255/57, 323/62 // (C07D 487/04, 249:00, 239:00)

(11) WO 03/080615 (13) A1

(21) PCT/EP03/02847

(22) 19 Mar/mar 2003 (19.03.2003)

(25) de (26) de

(30) 102 12 739.5 21 Mar/mar 2002 DE (21.03.2002)

(30) 102 15 814.2 10 Apr/avr 2002 DE (10.04.2002)

(30) 102 58 050.2 11 Dec/déc 2002 DE (11.12.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FUNGICIDAL TRIAZOLOPYRIMIDINES, METHODS FOR PRODUCING THE SAME, USE THEREOF FOR COMBATING HARMFUL FUNGI AND AGENTS CONTAINING SAID SUBSTANCES

• TRIAZOLOPYRIMIDINES FONGICIDES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION POUR LUTTER CONTRE DES CHAMPIGNONS NUISIBLES, ET AGENTS LES CONTENANT

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
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(72, 75) TORMO I BLASCO, Jordi [DE/DE]; Carl-Benz-Str. 10-3, 69514 Laudendbach (DE). BLETNER, Carsten [DE/DE]; Richard-Wagner-Str. 48, 68165 Mannheim (DE). MÜLLER, Bernd [DE/DE]; Stockingerstr.7, 67227 Frankenthal (DE). GEWEHR, Markus [DE/DE]; Richard-Wagner-Strasse 2, 68165 Mannheim (DE). GRAMMENOS, Wasilios [DE/DE]; Samuel-Hahnemann Weg

9, 67071 Ludwigshafen (DE). GROTE, Thomas [DE/DE]; Im Hoehnhäuser 18, 67157 Wachenheim (DE). GYPSE, Andreas [DE/DE]; B 4 4, 68159 Mannheim (DE). RHEINHEIMER, Joachim [DE/DE]; Merziger Str.24, 67063 Ludwigshafen (DE). SCHÄFER, Peter [DE/DE]; Römerstr.1, 67308 Ottersheim (DE). SCHIEWECK, Frank [DE/DE]; Lindenweg 4, 67258 Hessheim (DE). SCHWÖGLER, Anja [DE/DE]; Heinrich-Lanz-Str. 3, 68165 Mannheim (DE). AMMERMAN, Eberhard [DE/DE]; Von-Gagern-Str.2, 64646 Heppenheim (DE). STRATHMANN, Siegfried [DE/DE]; Donnersbergstr.9, 67117 Limburgerhof (DE). LORENZ, Gisela [DE/DE]; Erlenweg 13, 67434 Neustadt (DE). STIERL, Reinhard [DE/DE]; Jahnstr. 8, 67251 Freinsheim (DE). SCHÖFL, Ulrich [DE/DE]; Luftschiffing 22c, 68782 Brühl (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 487/04, A61P 9/00

(11) WO 03/080616 (13) A1

(21) PCT/EP03/03171

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 0206723.9 21 Mar/mar 2002 GB (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PYRAZOLOPYRIDAZINE DERIVATIVES, PROCESS FOR PREPARATION AND USE FOR THE INHIBITION OF GSK-3

• DERIVES DE PYRAZOLOPYRIDAZINE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION POUR L'INHIBITION DE GSK-3

(71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WITHERINGTON, Jason [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). WARD, Robert, William [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) RUTTER, Keith; GlaxoSmithKline, 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 487/04, A61K 31/519, A61P 25/00 // (C07D 487/04, 239:00, 231:00)

(11) WO 03/080617 (13) A1

(21) PCT/EP03/03196

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 0207246.0 27 Mar/mar 2002 GB (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • GLAXO GROUP LIMITED
• DERIVES PYRAZOLOPYRIMIDINES

(71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WITHERINGTON, Jason [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) RUTTER, Keith; GlaxoSmithKline, 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 487/04

(11) WO 03/080618 (13) A1

(21) PCT/IB02/01209

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AN IMPROVED PROCESS FOR THE PRODUCTION OF VASICINE
• PROCEDE AMELIORE DE PRODUCTION DE VASICINE

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, 110 001 New Delhi (IN).

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(72, 75) **CHATTOPADHYAY, Sunil, Kumar** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow, 226 015 Uttar Pradesh (IN). **BAGCHI, Guru, Das** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow, 226 015 Uttar Pradesh (IN). **DWIVEDI, Prem, Dutt** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow, 226 015 Uttar Pradesh (IN). **SRI-VASTAVA, Sachin** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow, 226 015 Uttar Pradesh (IN).

(74) **GABRIEL, DEVADOSS, CALAB**; Kuman & Sagar, 84-c, C6 Lane, Off Central Avenue, Sainik Farms, 110 062 New Delhi (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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)

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 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) 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)⁷ C07D 487/04, A61K 31/519, 31/5377, 31/541, 31/551, A61P 1/02, 1/04, 1/08, 11/06, 11/14, 13/00, 19/02, 25/00, 25/04, 25/06, 29/00, 37/08, 39/00, 43/00

(11) WO 03/080619 (13) A1

(21) PCT/JP03/03488

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(30) 2002-084759 26 Mar/mar 2002 JP (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FUSED BICYCLIC PYRIMIDINE DERIVATIVES

• DERIVES DE PYRIMIDINE BICYCLIQUES ET FUSIONNES

(71) **KYORIN PHARMACEUTICAL CO., LTD.** [JP/JP]; 5, Kanda Surugadai 2-chome, Chiyoda-ku, Tokyo 101-8311 (JP).

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(72, 75) **SETO, Shigeki** [JP/JP]; 4-17, Jouhoku 3-chome, Oyama-shi, Tochigi 323-0029 (JP). **TANIOKA, Asao** [JP/JP]; 3-20, Aoge 4-chome, Kuki-shi, Saitama 346-0011 (JP). **IKEDA, Makoto** [JP/JP]; 10-49, Sakuramachi, Koga-shi, Ibaraki 306-0036 (JP). **IZAWA, Shigeru** [JP/JP]; 12-12, Futaba 2-chome, Utsunomiya-shi, Tochigi 321-0164 (JP).

(74) **KISHIDA, Masayuki et al.** / etc.; Room 424, Marunouchi-Yaesu Building, 6-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 487/04, A61K 31/519

(11) WO 03/080620 (13) A1

(21) PCT/NZ03/00050

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 517970 25 Mar/mar 2002 NZ (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • INHIBITORS OF NUCLEOSIDE PHOSPHORYLASES AND NUCLEOSIDASES

• INHIBITEURS DES NUCLEOSIDE PHOSPHORYLASES ET NUCLEOSIDASES

(71) **INDUSTRIAL RESEARCH LIMITED** [NZ/NZ]; Brooke House, 24 Balfour Road, Parnell, Auckland (NZ). **ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY** [US/US]; 1300 Morris Park Avenue, Bronx, New York, NY 10461 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FURNEAUX, Richard Hubert** [NZ/NZ]; 35 Huntington Street, Wilton, Wellington (NZ). **SCHRAMM, Vern L.** [US/US]; 68 Hampton Oval, New Rochelle, New York, NY 10805 (US). **TYLER, Peter Charles** [NZ/NZ]; 143 Creswick Terrace, Northland, Wellington (NZ). **EVANS, Gary Brian** [NZ/NZ]; 50 Pekanga Road, Normandale, Lower Hutt (NZ).

(74) **BALDWIN SHELSTON WATERS**; 342 Lambton Quay, PO Box 852, 6004 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 487/04, C07F 5/05

(11) WO 03/080621 (13) A1

(21) PCT/US03/08301

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 60/365,630 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PROCESS AND INTERMEDIATES TO SUBSTITUTED IMIDAZOPYRIMIDINES

• PROCEDE DE PREPARATION ET PRODUITS INTERMEDIAIRES D'IMIDAZOPYRIMIDINES SUBSTITUEES

(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) **LI, Wenjie** [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **CAI, Dongwei** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **HOERRNER, R., Scott** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **JENSEN, Mark, S.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **LARSEN, Robert, D.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **PETASIS, Nicos, A.** [CY/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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07D 487/22 // (C07D 487/22, 257:00, 209:00, 209:00, 209:00, 209:00)

(11) WO 03/080622 (13) A1

(21) PCT/IN02/00068

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR THE SYNTHESIS OF PORPHYRINS AND CALIX(4)PYRROLES

- PROCEDE DE SYNTHÈSE DE PORPHYRINES ET DE PYRROLES DE CALICE (4)
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) POTHURI, Sita, Devi; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). KONDAPURAM, Vijaya, Raghavan; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). KULKARNI, Shivanand, Janardan; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). MOTKURI, Radha, Kishan; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). VIPPAGUNTA, Radha, Rani; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). MURTY, Mamidanna, Rama, Venkata, Satyanarayana; Indian Institute of Chemical Technology, Hyderabad 500 008, Andhra Pradesh (IN).
- (74) HARIHARAN, Subramaniam et al. / etc.; Subramaniam, Nataraj & Associates, E-556 Greater Kailash II, New Delhi 110 048 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG 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 HU 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)⁷ C07D 491/06 // (C07D 491/06, 307/00, 223/00)
- (11) WO 03/080623 (13) A1
- (21) PCT/AT03/00007
- (22) 9 Jan/jan 2003 (09.01.2003)
- (25) de (26) de
- (30) A 463/2002 25 Mar/mar 2002 AT (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHODS FOR PRODUCING NORGALANTHAMINE, AS WELL AS ISOMERS, SALTS AND HYDRATES THEREOF
- PROCEDES POUR LA PRODUCTION DE NORGALANTHAMINE, SES ISOMERES, SELS ET HYDRATES
- (71) SANOCHEMIA PHARMAZEUTIKA AKTIENGESELLSCHAFT [AT/AT]; Boltzmannngasse 11, A-1090 Wien (AT). (for all designated States except / pour tous les États désignés sauf US)
- (71) JORDIS, Ulrich [AT/AT]; Hofzeile 6, A-1190 Wien (AT). (only for / seulement pour US)
- (72, 75) TREU, Matthias [AT/AT]; Wagramerstrasse 25/3/46, A-1220 Wien (AT). HIRNSCHALL, Manfred [AT/AT]; Ribarzgasse 15, A-1160 Wien (AT). FRÖHLICH, Johannes [AT/AT]; Arbeitergasse 50, A-1050 Wien (AT). CZOLLNER, Laszlo [AT/AT]; Wiener Neustädterstrasse 28, A-2490 Ebenfurth (AT). KÄLZ, Beate [AT/AT]; Gartengasse 21/5/1, A-7035 Steinbrunn (AT). KÄLZ, Thomas [AT/AT]; Gartengasse 21/5/1, A-7035 Steinbrunn (AT). KÜHNHACKL, Peter [AT/AT]; Pezzigasse 15/13, A-1170 Wien (AT).
- (74) BEER, Manfred; Hehenberger, Reinhard, Lindengasse 8, A-1070 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 PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 495/04, 519/00, A61K 31/407, A61P 35/00
- (11) WO 03/080624 (13) A2
- (21) PCT/CA03/00380
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 60/367,265 26 Mar/mar 2002 US (26.03.2002)
- (30) 60/418,698 17 Oct/oct 2002 US (17.10.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NOVEL DITHIOLOPYRROLONES WITH THERAPEUTIC ACTIVITY
- NOUVEAUX DITHIOLOPYRROLONES AYANT UNE ACTION THERAPEUTIQUE
- (71) WELICHEM BIOTECH INC. [CA/CA]; 316-4475 Wayburne Drive, Burnaby, British Columbia V5G 3L1 (CA). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHEN, Genhui [CA/CA]; 4573 Frances, Burnaby, British Columbia V5C 2R6 (CA). LI, Bin [CN/CA]; 4720 Pandora Street, Burnaby, British Columbia V5C 2C3 (CA). LI, Jianxiong [CA/CA]; 117 Buckingham Drive, Port Moody, British Columbia V3H 2T4 (CA). WEBSTER, John [CA/CA]; 5551 Molina Road, North Vancouver, British Columbia V7R 4P3 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 495/04, 513/04, A61K 31/519, A61P 35/00
- (11) WO 03/080625 (13) A1
- (21) PCT/US03/08647
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 10/103,621 21 Mar/mar 2002 US (21.03.2002)
- (30) 10/378,481 3 Mar/mar 2003 US (03.03.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • THIOPYRIMIDINE AND ISOTHIAZOLOPYRIMIDINE KINASE INHIBITORS
- INHIBITEURS DES THIOPYRIMIDINE ET ISOTHIAZOLOPYRIMIDINE KINASES
- (71) ABBOTT LABORATORIES [US/US]; Dept. 377/AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).
- (72) MICHAELIDES, Michael, R.; 4452 West Gavin Lane, Libertyville, IL 60048 (US). DAI, Yujia; 1557 Camden Drive, Gurnee, IL 60031 (US). DAVIDSEN, Steven, K.; 1002 Gracewood Drive, Libertyville, IL 60048 (US). FREY, Robin, R.; 518 E. Austin Avenue, Libertyville, IL 60048 (US). GUO, Yan; 7193 Presidential Drive, Gurnee, IL 60031 (US). JI, Zhiqin; 1103 Tamarack Lane, Libertyville, IL 60048 (US). CURTIN, Michael; 8625 113th AVE., Pleasant Prairie, WI 53158 (US).
- (74) STEELE, Gregory, W. et al. / etc.; Dept 377/AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ C07D 498/04, A61K 31/496, 31/551, 31/553, A61P 1/00, 1/04, 1/08, 11/06, 11/14, 13/00, 13/02, 19/02, 25/02, 25/04, 25/06, 29/00, 43/00, 13/10
- (11) WO 03/080626 (13) A1
- (21) PCT/JP03/03487
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) ja (26) ja
- (30) 2002-084758 26 Mar/mar 2002 JP (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FUSED BICYCLIC PYRIDINE DERIVATIVE AS TACHYKININ RECEPTOR ANTAGONIST

- DERIVE DE PYRIMIDINE BICYCLIQUE ET FUSIONNE COMME ANTAGONISTE DES RECEPTEURS DE TACHYKININE
- (71) KYORIN PHARMACEUTICAL CO., LTD. [JP/JP]; 5, Kanda Surugadai 2-chome, Chiyoda-ku, Tokyo 101-8311 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SETO, Shigeaki [JP/JP]; 4-17, Jouhoku 3-chome, Oyama-shi, Tochigi 323-0029 (JP). TANIOKA, Asao [JP/JP]; 3-20, Aoge 4-chome, Kuki-shi, Saitama 346-0011 (JP). IKEDA, Makoto [JP/JP]; 10-49, Sakuramachi, Koga-shi, Ibaraki 306-0036 (JP). IZAWA, Shigeru [JP/JP]; 12-12, Futaba 2-chome, Utsunomiya-shi, Tochigi 321-0164 (JP).
- (74) KISHIDA, Masayuki et al. / etc.; Room 424, Marunouchi-Yaesu Building, 6-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement
- (51)⁷ C07F 7/08, A01N 55/00, 55/10
- (11) WO 03/080628 (13) A1
- (21) PCT/IB03/01110
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 0207253.6 27 Mar/mar 2002 GB (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SILICONATED PHENYL AMIDES DERIVATIVES USEFUL AS MICROBIOCIDE
• DERIVES PHENYLAMIDES SILICONES UTILISES COMME MICROBIOCIDE
- (71) SYNGENTA PARTICIPATIONS AG [CH/CH]; Intellectual Property Department, Schwarzwaldallee 215, 4058 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EHRENFREUND, Josef [AT/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH). JUNG, Pierre, Joseph, Marcel [FR/FR]; Schwarzwaldallee 215, 4058 Basel (CH). TOBLER, Hans [CH/CH]; Schwarzwaldallee 215, 4058 Basel (CH). WALTER, Harald [DE/CH]; Schwarzwaldallee 215, 4058 Basel (CH).
- (74) OSBORN, Martin, Keith; Intellectual Property Department, Syngenta Limited, P.O. Box 3538, Jealott's Hill Research Centre, Bracknell RG42 6YA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07F 9/02
- (11) WO 03/080629 (13) A2
- (21) PCT/US03/05795
- (22) 25 Feb/fév 2003 (25.02.2003)
- (25) en (26) en
- (30) 60/359,314 25 Feb/fév 2002 US (25.02.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PHOSPHORUS-CONTAINING COMPOUNDS WITH POLYMERIC CHAINS, AND METHODS OF MAKING AND USING THE SAME
• COMPOSES CONTENANT DU PHOSPHORE, A CHAINES POLYMERES, ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES
- (71) GUILFORD PHARMACEUTICALS, INC. [US/US]; 6611 Tributary Street, Baltimore, MD 21224 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRANHAM, Keith [US/US]; 2563 Royal Court, Pelham, AL 35124 (US). CHAUBAL, Mahesh, V. [IN/US]; 7051 Gentle Shade Road #301, Ellicott City, MD 21046 (US). ENGLISH, James, P. [US/US]; 2440 County Road #39, Chelsea, AL 35043 (US). HALL, Donna [US/US]; 198 County Road #707, Verbena, AL 36091 (US). ZHAO, Zhong [US/US]; 3304 Governor Howard Drive, Ellicott City, MD 21043 (US).
- (74) KAVANAUGH, Theresa, C. et al. / etc.; Foley Hoag LLP, 155 Seaport Boulevard, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07F 9/02
- (11) WO 03/080630 (13) A2
- (21) PCT/US03/08449
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 60/365,940 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PHOSPHATE TRANSPORT INHIBITORS
• INHIBITEURS DE TRANSPORT DU PHOSPHATE
- (71) GENZYME CORPORATION [US/US]; One Kendall Square, 1400 Bldg, Cambridge, MA 02139 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOZEFIAK, Thomas** [US/US]; 7 California Park, watertown, MA 02472 (US). **BASTOS, Cecilia, M.** [US/US]; 304 Robert Road, Marlborough, MA 01752 (US). **HUVAL, Chad, C.** [US/US]; 509 Medford Street, Apt. 1, Somerville, MA 02145 (US).

(74) **DAVIS, Steven, G.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., P.O. Box 9133, 530 Virginia Road, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07F 9/30, 9/32

(11) **WO 03/080631** (13) A2

(21) PCT/US03/08587

(22) **21 Mar/mar 2003 (21.03.2003)**

(25) en (26) en

(30) 60/367,156 **21 Mar/mar 2002 US (21.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **PLASMA CARBOXYPEPTIDASE B INHIBITORS**
• **INHIBITEURS DE PLASMA CARBOXYPEPTIDASE B**

(71) **SCHERING AKTIENGESELLSCHAFT** [DE/DE]; Müllerstr. 170-178, D-13342 Berlin (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUCKMAN, Brad, O.** [US/US]; 2042 Leimert Boulevard, Oakland, CA 94602 (US). **EMAYAN, Kumar** [GB/US]; 535 Pierce Street, Apt. 1311, Albany, CA 94706 (US). **ISLAM, Imadul** [US/US]; 165 Caprice Circle, Hercules, CA 94547 (US). **MAY, Karen** [US/US]; 2 Street Francis Circle, Napa, CA 94558 (US). **BRYANT, Judi** [US/US]; 318 Via Recodo, Mill Valley, CA 94941 (US). **MOHAN, Raju** [US/US]; 3125 Caminito Ricardo, Encinitas, CA 92024 (US). **WEST, Christopher, L.** [US/US]; 764 Rincon Road, El Sobrante, CA 94803 (US). **YUAN, Shendong** [CN/US]; 708 Forest Run, Hercules, CA 94547 (US).

(74) **SHAW, Melissa, A.**; Berlex Biosciences, 2600 Hilltop Drive, P.O. Box 4099, Richmond, CA 94804 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07F 9/50, C07C 45/50, 47/02, B01J 31/24 // C07F 15/00

(11) **WO 03/080632** (13) A1

(21) PCT/JP03/00153

(22) **10 Jan/jan 2003 (10.01.2003)**

(25) ja (26) ja

(30) 2002-80629 **22 Mar/mar 2002 JP (22.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **BISPHOSPHINE, PROCESS FOR PRODUCING THE SAME, AND USE THEREOF**

• **BISPHOSPHINE, PROCEDE DE FABRICATION ET UTILISATION**

(71) **KURARAY CO., LTD.** [JP/JP]; 1621, Sakazu, Kurashiki-shi, Okayama 710-8622 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUJI, Tomoaki** [JP/JP]; c/o KURARAY CO., LTD., 2045-1, Sakazu, Kurashiki-shi, Okayama 710-0801 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07F 9/59, A61K 31/675, A61P 3/10, 5/00, 7/00, 7/06, 29/00, 31/00, 31/18, 37/02, 37/08, 43/00

(11) **WO 03/080633** (13) A1

(21) PCT/JP03/03534

(22) **24 Mar/mar 2003 (24.03.2003)**

(25) ja (26) ja

(30) 2002-82581 **25 Mar/mar 2002 JP (25.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **NOVEL SG(A)-AMINO-N-(DIAMINOPHOSPHINYL)LACTAM DERIVATIVE**

• **NOUVEAU DERIVE D'SG(A)-AMINO-N-(DIAMINOPHOSPHINYL)LACTAME**

(71) **NIPPON KAYAKU KABUSHIKI KAISHA** [JP/JP]; 11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo 102-8172 (JP). **ZAIDAN HOJIN BISEIBUTSU KAGAKU KENKYU KAI** [JP/JP]; 14-23, Kamiosaki 3-chome, Shinagawa-ku, Tokyo 141-0021 (JP).

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(72, 75) **ABE, Masatoshi** [JP/JP]; 27-14, Iwabuchimachi, Kita-ku, Tokyo 115-0041 (JP). **NAGAI, Masashi** [JP/JP]; 1-34-3, Kitaharacho, Nishitokyo-shi, Tokyo 188-0003 (JP). **YAMAMOTO, Keiichirou** [JP/JP]; 3-17-1-303, Shimo, Kita-ku, Tokyo 115-0042 (JP). **NISHIMURA, Chihiro** [JP/JP]; 3-15-5-504, Takasu, Mihama-ku, Chiba-shi, Chiba 261-0004 (JP).

(74) **ASAMURA, Kiyoshi** et al. / etc.; Room 331, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C07H 7/06, 1/08, A61K 31/70, A61P 3/10

(11) **WO 03/080634** (13) A1

(21) PCT/IN02/00059

(22) **21 Mar/mar 2002 (21.03.2002)**

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **NOVEL GLUCOPYRANOSIDE AND A PROCESS OF ISOLATION THEREOF FROM PTEROCARPUS MARSUPIUM PHARMACEUTICAL COMPOSITION CONTAINING THE SAME AND USE THEREOF**

• **NOUVEAU GLUCOPYRANOSIDE ET PROCEDE PERMETTANT D'ISOLER CETTE SUBSTANCE A PARTIR DE <I>PTEROCARPUS MARSUPIUM</I>. COMPOSITION PHARMACEUTIQUE RENFERMANT CETTE SUBSTANCE ET SON UTILISATION**

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

(72) **MAURYA, Rakesh**; Regional Research Laboratory, Jammu (IN). **HANDA, Sukhdev, Swami**; Regional Research Laboratory, Jammu (IN). **SINGH, Rajinder**; Regional Research Laboratory, ICMR Centre for Advanced Research, Jammu (IN).

(74) **HARIHARAN, Subramanian** et al. / etc.; Subramanian, Nataraj & Associates, E 556 Greater Kailash II, New Delhi 110 048 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ C07H 15/203, A61K 31/7034, A61P 3/04, 3/10

(11) **WO 03/080635** (13) A1

(21) PCT/JP03/02466

(22) **4 Mar/mar 2003 (04.03.2003)**

(25) ja (26) ja

- (30) 2002-81038 **22 Mar/mar 2002 JP**
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CRYSTALS OF GLUCOPYRANOSY-
LOXYBENZYL BENZENE DERIVA-
TIVE
• CRISTAUX DE DERIVE DE GLUCOPY-
RANOSYLOXYBENZYL BENZENE
- (71) KISSEI PHARMACEUTICAL CO., LTD.
[JP/JP]; 19-48, Yoshino, Matsumoto-shi,
Nagano 399-8710 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) IYOBE, Akira [JP/JP]; 449-2, Kitaha-
taka, Hotaka-machi, Minamiazumi-gun,
Nagano 399-8302 (JP). TERANISHI,
Hirotaka [JP/JP]; Kissei-dainiseiyuryo,
1-2-34, Nomizomokko, Matsumoto-shi,
Nagano 399-0005 (JP). TATANI, Kazuya
[JP/JP]; Sansushi 21-203, 1-3-5, Shimizu,
Matsumoto-shi, Nagano 390-0805 (JP).
YONEKUBO, Shigeru [JP/JP]; Kasa
37A102, 415-1, Meisei, Misato-mura, Mi-
namiazumi-gun, Nagano 399-8101 (JP).
ISAJI, Masayuki [JP/JP]; 1763-189, Hi-
rookagobara, Shiojiri-shi, Nagano 399-0704
(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
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- (51)⁷ C07H 15/256, 1/08
(11) WO 03/080636 (13) A1
(21) PCT/IB02/01208
(22) 25 Mar/mar 2002 (25.03.2002)
(25) en (26) en
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A SIMPLE PROCESS FOR OBTAINING
BETA-AESCIN FROM INDIAN HORSE
CHESTNUT (AESCULUS INDICA)
• PROCESSUS SIMPLE D'OBTENTION
DE BETA-AESCINE A PARTIR DE
MARRONNIER DE L'HIMALAYA
(AESCULUS INDICA)
- (71) COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH [IN/IN]; Rafi
Marg, 110 001 New Delhi (IN).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) SINGH, Bikram [IN/IN]; Institute of Hi-
malayan Bioresource Technology, Palampur,
176 061 Himachal Pradesh (IN).
- (74) GABRIEL, DEVADOSS, CALAB; Ku-
maran & Sagar, 84-c, C6 Lane, Off Central
Avenue, Sainik Farms, 110 062 New Delhi
(IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH 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)⁷ C07H 21/00
(11) WO 03/080638 (13) A2
(21) PCT/IB03/01670
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH 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)⁷ C07H 17/07, 1/08
(11) WO 03/080637 (13) A1
(21) PCT/IN02/00052
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROCESS FOR ISOLATION OF EU-
PALITIN (3-0-BETA-D-GALACTOPY-
RANOSIDE) FROM BOERHAVIA DIF-
FUSA
• PROCEDE D'ISOLEMENT DE L'EU-
PALITINE (3-0-BETA-D-GALACTOPY-
RANOSIDE) DE LA <I>BOERHAVIA
DIFFUSA</I>
- (71) COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH [IN/IN]; Rafi
Marg, New Delhi 110 001 (IN).
- (72) MUNDKINAJEDDU, Deepak; Regional
Research Laboratory, Jammu (IN). MANA-
HAS, Lila, Ram; Regional Research Lab-
oratory, Jammu (IN). MAURYA, Rakesh;
Regional Research Laboratory, Jammu (IN).
HANDA, Sukhdev, Swami; Regional Re-
search Laboratory Jammu, Canal Road,
Jammu (IN).
- (74) HARIHARAN, Subramaniam et al. / etc.;
Subramaniam, Nataraj & Associates, E-556
Greater Kailash II, New Delhi 110 048 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG 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)⁷ C07H 21/02, 21/04, C12P 21/06, C07K
1/00, 2/00, 4/00, 5/00, 7/00, 14/00, 16/00,
17/00
(11) WO 03/080639 (13) A1
(21) PCT/US03/07469
(22) 12 Mar/mar 2003 (12.03.2003)
(25) en (26) en
(30) 10/105,871 **20 Mar/mar 2002 US**
(20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NOVEL COMPOSITIONS AND METH-
ODS IN CANCER ASSOCIATED WITH
ALTERED EXPRESSION OF KCNJ9
• NOUVELLES COMPOSITIONS ET
METHODES DESTINEES AU TRAITE-
MENT DES CANCERS ASSOCIES A
L'EXPRESSION MODIFIEE DE KCNJ9
- (71) SAGRES DISCOVERY [US/US]; 2795
Second Street, Suite 400, Davis, CA 95616
(US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) MORRIS, David, W. [US/US]; 2841
Emerald Bay Drive, Davis, CA 95616 (US).
ENGELHARD, Eric, K. [US/US]; 704
Hudson Street, Davis, CA 95616 (US).
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- (22) 27 Mar/mar 2003 (27.03.2003)
(25) en (26) en
(30) 60/367,853 **27 Mar/mar 2002 US**
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ANTISENSE IAP NUCLEOBASE
OLIGOMERS AND USES THEREOF
• OLIGOMERES NUCLEOBASES D'IAP
ANTISENS ET LEURS UTILISATIONS
- (63) US 60/367,853 (CON)
27 Mar/mar 2002 (27.03.2002)
- (71) AEGERA THERAPEUTICS, INC.
[CA/CA]; 810 Chemin du Golf, Verdun,
Quebec H3E 1A8 (CA).
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les États désignés sauf US)*
- (72, 75) LACASSE, Eric [CA/CA]; 1727 Feath-
erston Drive, Ottawa, Ontario K1H 6P3 (CA).
MCMANUS, Daniel [CA/CA]; 125 Forest-
glade Crescent, Ottawa, Ontario K1G 6A6
(CA). DURKIN, Jonathan, P. [CA/CA]; 15
Columbus Avenue, Ottawa, Ontario K1K 1R2
(CA).
- (74) ROBINSON, J., Christopher et al. / etc.;
Smart & Biggar, Box 11560, Vancouver Cen-
tre, Suite 2200, 650 West Georgia Street, Van-
couver, British Columbia V6B 4N8 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- (51)⁷ C07H 15/256, 1/08
(11) WO 03/080636 (13) A1
(21) PCT/IB02/01208
(22) 25 Mar/mar 2002 (25.03.2002)
(25) en (26) en
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A SIMPLE PROCESS FOR OBTAINING
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DE BETA-AESCINE A PARTIR DE
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- (71) COUNCIL OF SCIENTIFIC AND IN-
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Marg, 110 001 New Delhi (IN).
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- (72, 75) SINGH, Bikram [IN/IN]; Institute of Hi-
malayan Bioresource Technology, Palampur,
176 061 Himachal Pradesh (IN).
- (74) GABRIEL, DEVADOSS, CALAB; Ku-
maran & Sagar, 84-c, C6 Lane, Off Central
Avenue, Sainik Farms, 110 062 New Delhi
(IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
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HR HU ID IL IN IS JP KE KG KP KR KZ
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MN MW MX MZ NO NZ OM PH 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)⁷ C07H 21/00
(11) WO 03/080638 (13) A2
(21) PCT/IB03/01670
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
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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
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ML MR NE SN TD TG).
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- (51)⁷ C07H 17/07, 1/08
(11) WO 03/080637 (13) A1
(21) PCT/IN02/00052
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROCESS FOR ISOLATION OF EU-
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• PROCEDE D'ISOLEMENT DE L'EU-
PALITINE (3-0-BETA-D-GALACTOPY-
RANOSIDE) DE LA <I>BOERHAVIA
DIFFUSA</I>
- (71) COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH [IN/IN]; Rafi
Marg, New Delhi 110 001 (IN).
- (72) MUNDKINAJEDDU, Deepak; Regional
Research Laboratory, Jammu (IN). MANA-
HAS, Lila, Ram; Regional Research Lab-
oratory, Jammu (IN). MAURYA, Rakesh;
Regional Research Laboratory, Jammu (IN).
HANDA, Sukhdev, Swami; Regional Re-
search Laboratory Jammu, Canal Road,
Jammu (IN).
- (74) HARIHARAN, Subramaniam et al. / etc.;
Subramaniam, Nataraj & Associates, E-556
Greater Kailash II, New Delhi 110 048 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
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LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH 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)⁷ C07H 21/02, 21/04, C12P 21/06, C07K
1/00, 2/00, 4/00, 5/00, 7/00, 14/00, 16/00,
17/00
(11) WO 03/080639 (13) A1
(21) PCT/US03/07469
(22) 12 Mar/mar 2003 (12.03.2003)
(25) en (26) en
(30) 10/105,871 **20 Mar/mar 2002 US**
(20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NOVEL COMPOSITIONS AND METH-
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• NOUVELLES COMPOSITIONS ET
METHODES DESTINEES AU TRAITE-
MENT DES CANCERS ASSOCIES A
L'EXPRESSION MODIFIEE DE KCNJ9
- (71) SAGRES DISCOVERY [US/US]; 2795
Second Street, Suite 400, Davis, CA 95616
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- (72, 75) MORRIS, David, W. [US/US]; 2841
Emerald Bay Drive, Davis, CA 95616 (US).
ENGELHARD, Eric, K. [US/US]; 704
Hudson Street, Davis, CA 95616 (US).

(74) **BASU, Shantanu** 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07H 21/04, C12Q 1/68

(11) WO 03/080640 (13) A1

(21) PCT/US03/06900

(22) 7 Mar/mar 2003 (07.03.2003)

(25) en (26) en

(30) 60/363,019 7 Mar/mar 2002 US (07.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • LYMPHATIC AND BLOOD ENDOTHELIAL CELL GENES

• GENES DE CELLULES ENDOTHELIALES SANGUINES ET LYMPHATIQUES

(71) LUDWIG INSTITUTE FOR CANCER RESEARCH [US/US]; 605 Third Avenue, New York, NY 10158 (US). LICENTIA, LTD. [FI/FI]; Erottajankatu 19 B, 6th floor, FIN-00130 Helsinki (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALITALO, Kari [FI/FI]; Molecular/Cancer Biology Laboratory Biomedicum Helsinki, P.O. Box 63 (Haartmaninkatu 8), FIN-00014 University of Helsinki (FI). MAKINEN, Taija [FI/DE]; Department of Molecule Neurobiology, Max-Planck Institute of Neurobiology, Am Klopferspitz 18A, 82152 Martinsried (DE). PETROVA, Tatiana [RU/FI]; Molecular/Cancer Biology Laboratory Biomedicum Helsinki, P.O. Box 63 (Haartmaninkatu 8), FIN-00014 University of Helsinki (FI). SAHARINEN, Pipsa [FI/FI]; Molecular/Cancer Biology Laboratory Biomedicum Helsinki, P.O. Box 63 (Haartmaninkatu 8), FIN-00014 University of Helsinki (FI). SAHARINEN, Juha [FI/FI]; Molecular/Cancer Biology Laboratory Biomedicum Helsinki, P.O. Box 63 (Haartmaninkatu 8), FIN-00014 University of Helsinki (FI).

(74) MERKEL, William, K.; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07J 1/00, A61K 31/585, A61P 35/00

(11) WO 03/080641 (13) A1

(21) PCT/EP03/03226

(22) 27 Mar/mar 2003 (27.03.2003)

(25) de (26) de

(30) 102 14 180.0 27 Mar/mar 2002 DE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • 19-NOR-17ALPHA-PREGNA-1,3,5(10)-TRIEN-17BETA-OLS WITH A 21,16ALPHA-LACTONE RING SUBSTITUTED WITH A LONG CHAIN AT THE 11BETA POSITION

• 19-NOR-17SG(A)-PREGNA-1,3,5(10)-TRIEN-17SG(B)-OLS PRESENTANT UN ANNEAU DE LACTONE 21,16SG(A) ET SUBSTITUES PAR UNE CHAÎNE LONGUE EN POSITION 11SG(B)

(71) SCHERING AKTIENGESELLSCHAFT [DE/DE]; Müllerstrasse 178, 13353 Berlin (DE).

(72) MÜLLER, Gerd; Magdelstieg 132, 07745 Jena (DE). HILLISCH, Alexander; Herderstrasse 28, 07743 Jena (DE). HOFFMANN, Jens; Walterstrasse 13, 16567 Mühlentbeck (DE). FRITZEMEIER, Karl-Heinrich; Rabenstrasse 5a, 13505 Berlin (DE).

(74) ZIEBIG, Dr., Marlene K. et al. / etc.; PATENTANWÄLTE GULDE HENGELHAUPT ZIEBIG & SCHNEIDER, SCHÜTZENSTRASSE 15 - 17, 10117 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07J 41/00, 1/00, A61K 31/585, A61P 5/30

(11) WO 03/080642 (13) A1

(21) PCT/EP03/03221

(22) 27 Mar/mar 2003 (27.03.2003)

(25) de (26) de

(30) 102 14 179.7 27 Mar/mar 2002 DE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • 11BETA-SUBSTITUTED 19-NOR-17ALPHA-PREGNA-1,3,5(10)-TRIEN-

17BETA-OLS WITH A 21,16ALPHA-LACTONE RING

• 19-NOR-17ALPHA-PREGNA-1,3,5(10)-TRIENE-17BETA-OLS SUBSTITUES EN POSITION 11BETA, COMPORTANT UN CYCLE 21,16ALPHA LACTONE

(71) SCHERING AG [DE/DE]; Müllerstrasse 178, 13353 Berlin (DE).

(72) HILLISCH, Alexander; Herderstrasse 28, 07743 Jena (DE). MÜLLER, Gerd; Magdelstieg 132, 07745 Jena (DE). BOHLMANN, Rolf; Kühler Weg 6a, 14055 Berlin (DE). HOFFMANN, Jens; Walterstrasse 13, 16567 Mühlentbeck (DE). FRITZEMEIER, Karl-Heinrich; Rabenstrasse 5a, 13505 Berlin (DE).

(74) ZIEBIG, Marlene, K. et al. / etc.; Patentanwälte Gulde Hengelhaupt Ziebig & Schneider, Schützenstrasse 15 - 17, 10117 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07J 63/00, 75/00, C07C 231/02, 235/76, A61K 31/56, A61P 9/00, 43/00

(11) WO 03/080643 (13) A1

(21) PCT/JP03/03248

(22) 18 Mar/mar 2003 (18.03.2003)

(25) ja (26) ja

(30) 2002-080364 22 Mar/mar 2002 JP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PROCESS FOR PRODUCING TRITERPENE DERIVATIVE

• PROCEDE DE PRODUCTION DE DERIVES DE TRITERPENES

(71) SHIONOGI & CO., LTD. [JP/JP]; 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOIKE, Haruo [JP/JP]; c/o Shionogi & Co., Ltd., 1-3, Kuise Terajima 2-chome, Amagasaki-shi, Hyogo 660-0813 (JP). ODA, Katsuo [JP/JP]; c/o Shionogi & Co., Ltd., 1-3, Kuise Terajima 2-chome, Amagasaki-shi, Hyogo 660-0813 (JP). NISHINO, Yutaka [JP/JP]; c/o Shionogi & Co., Ltd., 1-3, Kuise Terajima 2-chome, Amagasaki-shi, Hyogo 660-0813 (JP). KAKINUMA, Makoto [JP/JP]; c/o Shionogi & Co., Ltd., 1-3, Kuise Terajima 2-chome, Amagasaki-shi, Hyogo 660-0813 (JP).

(74) YAMAUCHI, Hideaki et al. / etc.; Shionogi & Co., Ltd. Intellectual Property Department, 12-4, Sagisu 5-chome, Fukushima-ku, Osaka-shi, Osaka 553-0002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

- HR HU ID IL IN IS JP KE KG KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- (51)⁷ C07K
(11) WO 03/080644 (13) A2
(21) PCT/EP02/03202
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NOVEL METHOD FOR THE DIRECT
AND REGULATED TRANSFER OF GE-
NETIC MATERIAL BETWEEN CELLS
• NOUVEAU PROCEDE PERMETTANT
LE TRANSFERT DIRECT ET RE-
GULE D'UN MATERIAU GENETIQUE
ENTRE DES CELLULES
- (71) GSF - FORSCHUNGSZENTRUM FÜR
UMWELT UND GESUNDHEIT GMBH
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sheim (DE).
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- (72, 75) KARREMAN, Christiaan [NL/DE];
Birkenhof 9, 40225 Düsseldorf (DE).
- (74) VOSSIUS & PARTNER; Siebertstrasse 4,
81675 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K
(11) WO 03/080645 (13) A2
(21) PCT/US02/22674
(22) 15 Jul/juil 2002 (15.07.2002)
(25) en (26) en
(30) 60/305,637 15 Jul/juil 2001 US
(15.07.2001)
(30) 60/345,445 2 Jan/jan 2002 US
(02.01.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • AMPLIFICATION OF NUCLEIC
ACID FRAGMENTS USING NICK-
ING AGENTS
• AMPLIFICATION DE FRAGMENTS
D'ACIDES NUCLEIQUES AU MOYEN
D'AGENTS DE COUPURE SIMPLE
BRIN
- (71) KECK GRADUATE INSTITUTE
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- (72, 75) VAN NESS, Jeffrey [US/US]; 535
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NESS, Lori, K. [US/US]; 535 Watson Drive,
Claremont, CA 91711 (US).
- (74) PARKER, David, W. et al. / etc.; Seed In-
tellectual Property Law Group PLLC, Suite
6300, 701 Fifth Avenue, Seattle, WA 98104-
7092 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K
(11) WO 03/080646 (13) A2
(21) PCT/US03/06679
(22) 4 Mar/mar 2003 (04.03.2003)
(25) en (26) en
(30) 60/361,670 4 Mar/mar 2002 US
(04.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MODIFIED PLASMINOGEN ACTIVA-
TOR INHIBITOR TYPE-1 AND METH-
ODS BASED THEREON
• TYPE 1 MODIFIE D'INHIBITEUR DES
ACTIVATEURS DU PLASMINOGENE
ET PROCEDES BASES SUR CE TYPE
MODIFIE
- (71) MEDICAL COLLEGE OF OHIO
[US/US]; 3000 Arlington Avenue, Toledo,
OH 43614 (US).
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les États désignés sauf US)*
- (72, 75) SWIERCZ, Rafal [US/US]; 1355
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Granitville Court, Toledo, OH 43615 (US).
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- (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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ C07K
(11) WO 03/080647 (13) A2
(21) PCT/US03/08468
(22) 18 Mar/mar 2003 (18.03.2003)
(25) en (26) en
(30) 60/365,202 19 Mar/mar 2002 US
(19.03.2002)
(30) 10/391,363 18 Mar/mar 2003 US
(18.03.2003)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HOMOGENITISATE PRENYL TRANS-
FERASE ("HPT") NUCLEIC ACIDS
AND POLYPEPTIDES, AND USES
THEREOF
• ACIDES NUCLEIQUES ET POLYPEP-
TIDES SE RAPPORTANT A L'ENZYME
HOMOGENITISATE PRENYL TRANS-
FERASE ("HPT"), ET UTILISATIONS
CORRESPONDANTES
- (71) MONSANTO TECHNOLOGY, LLC
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- (74) SILVERT, Donald, J. et al. / etc.; Renessen
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- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- Declarations / Déclarations :
*(s) for all designations / pour toutes les
désignations
(t) for all designations / pour toutes les
désignations
(u) for / pour US only / seulement*
-
- (51)⁷ C07K
(11) WO 03/080648 (13) A2
(21) PCT/US03/08667
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
(30) 60/366,114 20 Mar/mar 2002 US
(20.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • RAAV VECTOR COMPOSITIONS AND METHODS FOR THE TREATMENT OF CHOROIDDAL NEOVASCULARIZATION
- COMPOSITIONS A BASE DE VECTEUR VIRAL ADENO-ASSOCIE DE RECOMBINAISON (RAAV) ET PROCEDES CORRESPONDANTS POUR LE TRAITEMENT DE LA NEOVASCULARISATION CHOROIDIENNE
- (71) UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC. [US/US]; 223 Grinter Hall, P.O. 115500, Gainesville, FL 32611-5500 (US). JOHNS HOPKINS UNIVERSITY [US]; 111 Market Place, Suite 906, Baltimore, MD 21202 (US).
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- (74) MOORE, Mark, D.; Williams, Morgan & Amerson, P.C., 10333 Richmond, Suite 1100, Houston, TX 77042 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07K 1/107, 2/00
- (11) WO 03/080650 (13) A1
- (21) PCT/GB03/01270
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) en (26) en
- (30) 0206981.3 25 Mar/mar 2002 GB (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COMPOUNDS COMPRISING PSEUDO-AMINO ACIDS
- COMPOSES COMPRENANT DES PSEUDO ACIDES AMINES
- (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) BETLEY, Jason, Richard [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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ C07K 1/30, 1/36
- (11) WO 03/080651 (13) A1
- (21) PCT/CA03/00429
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) en (26) en
- (30) 60/366,249 22 Mar/mar 2002 US (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PURIFICATION OF PROTEINS USING IONIC SURFACTANTS AND POLAR SOLVENTS
- PURIFICATION DE PROTEINES AU MOYEN DE TENSIOACTIFS IONIQUES ET DE SOLVANTS POLAIRES
- (71) MCGILL UNIVERSITY [CA/CA]; 817 Sherbrooke Street west, Montreal, Québec H3A 2K6 (CA).
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- (72, 75) SHIN, Youn-Ok [CA/CA]; 1603-3600 Avenue du Parc, Montreal, Québec H2X 3R2 (CA). WEBER, Martin, E. [CA/CA]; 431 Wakefield, Beaconsfield, Québec H9W 3L3 (CA). VERA, Juan, H. [CA/CA]; 6154 Notre Dame de Grace, Montreal, Québec H4B 1K8 (CA).
- (74) OGILVY RENAULT; Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07K 7/08
- (11) WO 03/080652 (13) A1
- (21) PCT/KR03/00602
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) en (26) en
- (30) 10-2002-0016445 26 Mar/mar 2002 KR (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ANTIMICROBIAL PEPTIDE, ITS ANALOGS AND ANTIMICROBIAL COMPOSITION COMPRISING THEM
- PEPTIDE ANTIMICROBIEN, SES ANALOGUES ET COMPOSITION ANTIMICROBIENNE LES CONTENANT
- (71) KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY [KR/KR]; 373-1, Kuseong-Dong, Yuseong-Ku, Daejeon 305-701 (KR).
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(74) **PARK, Jang-Won**; 200, Nonhyun-Dong, Kangnam-Ku, Seoul 135-010 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 14/00 // 17/00

(11) WO 03/080653 (13) A1

(21) PCT/SE03/00507

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 0200968-6 26 Mar/mar 2002 SE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • NOVEL POLYPEPTIDE SCAFFOLDS AND USE THEREOF

• NOUVEAU ECHAFAUDAGES POLYPEPTIDIQUES ET LEUR UTILISATION

(71, 72) **BALTZER, Lars** [SE/SE]; Förtro- ligheten 23, S-412 70 Göteborg (SE).

(72, 75) **DOLPHIN, Gunnar** [SE/SE]; Luftvärmsgatan 4, S-587 34 Linköping (SE). **LIEDBERG, Bo** [SE/SE]; Vasavägen 9B, S-582 20 Linköping (SE). **LUNDSTRÖM, Ingemar** [SE/SE]; Färgaregatan 10, S-582 52 Linköping (SE).

(74) **AWAPATENT AB**; Box 5117, S-200 71 Malmö (SE).

(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 (Utility model / modèle d'utilité) 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C07K 14/195

(11) WO 03/080654 (13) A2

(21) PCT/CA03/00430

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 60/368,015 26 Mar/mar 2002 US (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HELICOBACTER MOTILITY POLYPEPTIDES

• POLYPEPTIDES DE MOTILITE D'HE- LICOBACTER

(71) **NATIONAL RESEARCH COUNCIL OF CANADA** [CA/CA]; 1200 Montreal Road, Ottawa, Ontario K1A 0R6 (CA).

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(72, 75) **AUBRY, Annie, J.** [CA/CA]; 35 rue Ste- Hélène, #1, Hull, Quebec J8X 3G2 (CA). **LO- GAN, Susan, M.** [CA/CA]; 62 Kilbarray Cres- cent, Ottawa, Ontario K1K 0H1 (CA).

(74) **CONN, David, L.** et al. / etc.; Borden Lad- ner Gervais LLP, World Exchange Plaza, 100 Queen Street, Suite 1100, Ottawa, Ontario K1P 1J9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 14/31, 1/22

(11) WO 03/080655 (13) A1

(21) PCT/SE03/00475

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 0200943-9 25 Mar/mar 2002 SE (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A MUTATED IMMUNOGLOBU- LIN-BINDING PROTEIN

• PROTEINE DE LIAISON AL'IMMUNO- GLOBULINE MUTÉE

(71) **AMERSHAM BIOSCIENCES AB** [SE/SE]; Björkgatan 30, S-751 84 Upp- sala (SE).

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(72, 75) **HOBER, Sophia** [SE/SE]; Sveavägen 61, S-113 59 Stockholm (SE).

(74) **KILANDER, Annika** et al. / etc.; Amer- sham Biosciences AB, Björkgatan 30, S-751 84 Uppsala (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 14/325

(11) WO 03/080656 (13) A1

(21) PCT/EP03/03068

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/366,276 22 Mar/mar 2002 US (22.03.2002)

(30) 60/423,999 6 Nov/nov 2002 US (06.11.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • NOVEL BACILLUS THURINGIENSIS INSECTICIDAL PROTEINS

• NOUVELLES PROTEINES INSEC- TICIDES ISSUES DU <I>BACILLUS THURINGIENSIS</I>

(71) **BAYER BIOSCIENCE N.V.** [BE/BE]; Jozef Plateastraat 22, B-9000 Gent (BE).

(72) **ARNAUT, Greta**; Aalterseweg 40, B-9910 Knesselare (BE). **BOETS, Annemie**; Scho- nenberg 6, B-9620 Velzeke (BE). **DE RUD- DER, Karel**; Jos Everaardstraat 22, NL-4564 CM Sint Jansteen (NL). **VANNESTE, Stijn**; Moorselestraat 74, B-8500 Kortrijk (BE). **VAN RIE, Jeroen**; Gravin Johannalaan 10, B-9900 Eeklo (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07K 14/37, 14/39, A61K 35/72

(11) WO 03/080657 (13) A2

(21) PCT/EP03/02551

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 02006829.2 25 Mar/mar 2002 EP (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • YEAST PHEROMONES FOR THE TREATMENT OF INFECTIOUS DISEASES

• PHEROMONES DE LEVURE POUR TRAITER DES MALADIES INFECTIEUSES

(71) MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V. [DE/DE]; Hofgartenstr. 8, 80539 München (DE).

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(72, 75) SEVERIN, Fedor [RU/DE]; Louisenstrasse 67, 01099 Dresden (DE). HYMAN, Anthony [GB/DE]; Regerstrasse 2, 01309 Dresden (DE).

(74) DEHMEL, Albrecht; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 14/415, A61K 39/36, A61P 37/08

(11) WO 03/080658 (13) A1

(21) PCT/SE03/00499

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 0200946-2 27 Mar/mar 2002 SE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • NOVEL ALLERGEN

• NOUVEL ALLERGENE

(71) PHARMACIA DIAGNOSTICS AB [SE/SE]; S-751 82 Uppsala (SE).

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(72, 75) MARKNELL DEWITT, Åsa [SE/SE]; Pharmacia Diagnostics AB, S-751 83 Uppsala (SE). NIEDERBERGER, Verena [AT/AT]; Department of Otorhinolaryngology, Vienna General Hospital, University of Vienna, Vienna (AT). LEHTONEN, Pirjo [SE/SE];

PHARMACIA DIAGNOSTICS AB, S-751 83 Uppsala (SE). SPITZAUER, Susanne [AT/AT]; Institute of Medical and Chemical Laboratory Diagnostics, Vienna General Hospital, University of Vienna, Vienna (AT). SPERR, Wolfgang [AT/AT]; Department of Internal Medicine I, Division of Hematology and Hemostasiology, Vienna General Hospital, University of Vienna, Vienna (AT). VALENT, Peter [AT/AT]; Department of Internal Medicine I, Division of Hematology and Hemostasiology, Vienna General Hospital, University of Vienna, Vienna (AT). VALENTA, Rudolf [AT/AT]; Department of Pathophysiology, Vienna General Hospital, University of Vienna, Vienna (AT). LIDHOLM, Jonas [SE/SE]; Pharmacia Diagnostics AB, S-751 82 Uppsala (SE).

(74) DR LUDWIG BRANN PATENTBYRÅ AB; Box 17192, S-104 62 Stockholm (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 14/47

(11) WO 03/080659 (13) A1

(21) PCT/CA03/00444

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 60/367,513 27 Mar/mar 2002 US (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHODS AND COMPOUNDS FOR PREVENTION AND TREATMENT OF ELEVATED INTRAOCULAR PRESSURE AND RELATED CONDITIONS

• PROCEDES ET COMPOSES POUR LA PREVENTION ET LE TRAITEMENT DE LA PRESSION INTRAOCULAIRE ELEVEE ET ETATS CONNEXES

(71) THERATECHNOLOGIES INC. [CA/CA]; 2310, boulevard Alfred-Nobel, Saint-Laurent, Québec H4S 2A4 (CA).

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(72, 75) PERI, Krishna, G. [CA/CA]; 3130 Toupin Street, Montréal, Québec H4K 1Y8 (CA). MOFFETT, Serge [CA/CA]; 755 Boul. Montpellier, Apt. 608, Saint-Laurent, Québec H4L 4R1 (CA). ABRAN, Daniel [CA/CA]; 2651 Justine Poirier, Vaudreuil-Dorion, Québec J7V 8Z1 (CA).

(74) SHAHINIAN, Serge, S. et al. / etc.; SMART & BIGGAR, 1000 de la Gauchetière Street

West, Suite 3400, Montréal, Québec 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 14/47

(11) WO 03/080660 (13) A2

(21) PCT/DK03/00207

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) PA 2002 00477 27 Mar/mar 2002 DK (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR THE PREPARATION OF RECOMBINANT MAMMALIAN HEPARIN-BINDING PROTEIN (HBP)

• PROCEDE DE PREPARATION D'UNE PROTEINE DE LIAISON A L'HEPARINE (HBP) MAMMIFERE RECOMBI-NEE

(71) LEUKOTECH A/S [DK/DK]; Fruebjergvej 3, DK-2100 Copenhagen (DK).

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(72, 75) WÖLDIKE, Helle, Fabricius [DK/DK]; Stendyssevej 12, DK-3540 Lyngby (DK).

(74) Høiberg A/S; St. Kongensgade 59A, DK-1264 Copenhagen (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

- (51)⁷ C07K 14/47, C12N 15/12, 5/10, C07K 16/18, G01N 33/53, C12Q 1/68, A61K 38/16, 48/00, A01K 67/027
- (11) WO 03/080661 (13) A1
(21) PCT/EP03/02857
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 02006353.3 21 Mar/mar 2002 EP (21.03.2002)
(30) 60/365,815 21 Mar/mar 2002 US (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DIAGNOSTIC AND THERAPEUTIC USE OF HUMAN MAGUIN PROTEINS AND NUCLEIC ACIDS FOR NEURODEGENERATIVE DISEASES
• UTILISATION DE PROTEINES MAGUIN HUMAINES ET D'ACIDES NUCLEIQUES DANS LE DIAGNOSTIC ET LE TRAITEMENT DE PATHOLOGIES NEURODEGENERATIVES
- (71) EVOTEC NEUROSCIENCES GMBH [DE/DE]; Schnackenburgallee 114, 22525 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VON DER KAMMER, Heinz [DE/DE]; Verbindungsstr. 6d, 22607 Hamburg (DE). HANES, Jozef [SK/DE]; Dornkamp 15, 22869 Schenefeld (DE). POHLNER, Johannes [DE/DE]; Quittenweg 11, 22175 Hamburg (DE).
- (74) MEYERS, Hans-Wilhelm et al. / etc.; Postfach 10 22 41, 50462 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K 14/47, 5/103, 7/04, 16/18, C12N 15/12, 5/10, A61P 25/00
- (11) WO 03/080662 (13) A1
(21) PCT/EP03/03121
(22) 26 Mar/mar 2003 (26.03.2003)
(25) en (26) en
(30) 02006861.5 26 Mar/mar 2002 EP (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROTEIN KINASE C MODULATORS, THEIR AMINOACID AND NUCLEOTIDE SEQUENCES AND USES THEREOF
• MODULATEURS DE PROTEINE KINASE C, SEQUENCES D'ACIDES AMINES ET NUCLEOTIDIQUES ET UTILISATIONS DE CEUX-CI
- (71, 72) GANDINI, Enrico [IT/IT]; Via Terranuova, 27, I-44100 Ferrara (IT).
- (74) GERVASI, Gemma; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria, 9, I-20122 Milan (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07K 14/47, C12N 15/12, C07K 16/18, A61K 38/17, C12N 15/11, 5/10, G01N 33/50
- (11) WO 03/080663 (13) A2
(21) PCT/EP03/03150
(22) 26 Mar/mar 2003 (26.03.2003)
(25) en (26) en
(30) 0207224.7 27 Mar/mar 2002 GB (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TENASCIN-W COMPOSITIONS AND USES THEREOF
• COMPOSITIONS A BASE DE TENASCINE-W ET LEURS UTILISATIONS
- (71) NOVARTIS FORSCHUNGSSTIFTUNG, ZWEIGNIEDERLASSUNG FRIEDRICH MIESCHER INSTITUTE FOR BIOMEDICAL RESEARCH [CH/CH]; Maulbeerstrasse 66, CH-4058 Basel (CH).
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- (72, 75) CHIQUET-EHRISMANN, Ruth [CH/CH]; Gstadtstrasse 45, CH-4153 Reinach (CH). SCHERBERICH, Arnaud [FR/FR]; 1, rue des Ecrins, F-68400 Riedisheim (FR).
- (74) NOVARTIS FORSCHUNGSSTIFTUNG, ZWEIGNIEDERLASSUNG FRIEDRICH MIESCHER INSTITUTE FOR BIOMEDICAL RESEARCH; Maulbeerstrasse 66, CH-4058 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 NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K 14/47, C12N 15/12, C12Q 1/68, G01N 33/68
- (11) WO 03/080664 (13) A1
(21) PCT/GB03/01238
(22) 21 Mar/mar 2003 (21.03.2003)
(25) en (26) en
(30) 0206684.3 21 Mar/mar 2002 GB (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • P-REX1, A PTDINS (3, 4, 5) P3-G-BETA-GAMMA-REGULATED GUANINE-NUCLEOTIDE EXCHANGE FACTOR FOR RAC
• PROTEINE P-REX1, FACTEUR D'ECHANGE GUANINE-NUCLEOTIDE POUR RAC REGULE PAR PTDINS (3, 4, 5) P3 ET PAR G-BETA-GAMMA-
- (71) THE BABRAHAM INSTITUTE [GB/GB]; Babraham Hall, Babraham, Cambridge CB2 4AT (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STEPHENS, Len [GB/GB]; Danesbury, Haverhill Road, Horseheath, Cambridge CB1 6QR (GB). HAWKINS, Phillip, Thomas [GB/GB]; 15 St. Laurence Road, Foxton, Cambridgeshire CB2 6SF (GB).
- (74) THORNTON, Neil; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C07K 14/47, C12N 15/62, A61K 39/00
- (11) WO 03/080665 (13) A2
(21) PCT/GB03/01295
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
(30) 0206584.5 20 Mar/mar 2002 GB (20.03.2002)
(30) 0216098.4 11 Jul/juil 2002 GB (11.07.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TREATMENT OF TSE INFECTION
• TRAITEMENT DE L'INFECTION PAR L'ENCEPHALOPATHIE SPONGIFORME TRANSMISSIBLE
- (71) MICROBIOLOGICAL RESEARCH AUTHORITY CAMR [GB/GB]; Porton Down, Salisbury, Wiltshire SP4 0JG (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RAVEN, Neil, David, Hammond [GB/GB]; Microbiological Research Authority, CAMR, Porton Down, Salisbury, Wiltshire SP4 0JG (GB). SUTTON, John, Mark [GB/GB]; Microbiological Research Authority, CAMR, Porton Down, Salisbury,

- Wiltshire SP4 0JG (GB). **MURDOCH, Heather** [GB/GB]; Microbiological Research Authority, CAMR, Porton Down, Salisbury, Wiltshire SP4 0JG (GB).
- (74) **SCHLICH, George, William et al.** / etc.; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C07K 14/62**
- (11) **WO 03/080666** (13) A2
- (21) PCT/IN03/00084
- (22) **26 Mar/mar 2003 (26.03.2003)**
- (25) en (26) en
- (30) 60/367,212 **26 Mar/mar 2002 US (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • AN ADIPOCYTE INSULIN AND A METHOD OF TREATING DIABETES
• ADIPOCYTE INSULINE, ET PROCEDE DE TRAITEMENT DU DIABETE
- (71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, 110 001 New Delhi (IN).
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- (72, 75) **BHATTACHARYA, Samir** [IN/IN]; Indian Institute of Chemical Biology, 4, Raja S.C. Mullick Road, 700 032 Kolkata (IN). **ROY, Sib, Sankar** [IN/IN]; Indian Institute of Chemical Biology, 4, Raja S.C. Mullick Road, 700 032 Kolkata (IN). **DASGUPTA, Subrata** [IN/IN]; Indian Institute of Chemical Biology, 4, Raja S.C. Mullick Road, 700 032 Kolkata (IN). **MUKHERJEE, Mohua** [IN/IN]; Indian Institute of Chemical Biology, 4, Raja S.C. Mullick Road, 700 032 Kolkata (IN).
- (74) **BHOLA, Ravi; KUMARAN & SAGAR, 84-C, C6 LANE, OFF CENTRAL AVENUE, SAINIK FARMS, 110 062 NEW DELHI** (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ **C07K 14/705, A61K 38/17, G01N 33/50, C12Q 1/68, C12N 15/12, C07K 16/28**
- (11) **WO 03/080667** (13) A2
- (21) PCT/GB03/01231
- (22) **21 Mar/mar 2003 (21.03.2003)**
- (25) en (26) en
- (30) 60/366,525 **22 Mar/mar 2002 US (22.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A NOVEL RECEPTOR TREM (TRIGGERING RECEPTOR EXPRESSED ON MYELOID CELLS) AND USES THEREOF
• NOUVEAU RECEPTEUR TREM (RECEPTEUR DECLENCHEUR EXPRIME SUR LES CELLULES MYELOIDES) ET UTILISATIONS CORRESPONDANTES
- (71) **BIOXELL S.P.A.** [IT/IT]; Via Olgettina, 58, I-20132 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **THOMAS, Neil, Ciaron** [GB/IT]; BioXell S.p.A., Via Olgettina, 58, I-20132 Milano (IT).
(only for / seulement pour AL)
- (72, 75) **COLONNA, Marco** [IT/US]; 5096 Waterman, Unit C, St Louis, MO 63108 (US). **PANINA, Paola** [IT/IT]; BioXell S.p.A., Via Olgettina, 58, I-20132 Milano (IT).
- (74) **MURPHY, Colm, Damien et al.** / etc.; Boulton Wade Tennant, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ **C07K 14/705, C12N 15/12, 1/21, 1/19, 5/10, C12P 21/02, C07K 16/28, C12Q 1/68, G01N 33/53**
- (11) **WO 03/080668** (13) A1
- (21) PCT/JP03/03612
- (22) **25 Mar/mar 2003 (25.03.2003)**
- (25) ja (26) ja
- (30) 2002-84559 **25 Mar/mar 2002 JP (25.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NUCLEAR RECEPTOR RXR α ISOFORMS
• ISOFORMES RXR α (A) DE RECEPTEUR NUCLEAIRE
- (71) **FUJISAWA PHARMACEUTICAL CO., LTD.** [JP/JP]; 4-7, Dosho-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOJO, Hitoshi** [JP/JP]; Berumazon-kamogawa 105, 262, Demizu-cho, Kawaramachi-dori Marutamachi-agaru, Kamigyo-ku, Kyoto-shi, Kyoto 602-0862 (JP). **TAJIMA, Kaoru** [JP/JP]; 892-1, Yorii, Yorii-cho, Oozato-gun, Saitama 369-1203 (JP). **FUKAGAWA, Masao** [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Dosho-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). **NISHIMURA, Shintaro** [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Dosho-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). **ISOGAI, Takao** [JP/JP]; 511-12, Omuro, Ami-machi, Inashiki-gun, Ibaraki 300-0303 (JP).
- (74) **SHIMIZU, Hatsushi et al.** / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ **C07K 16/00**
- (11) **WO 03/080669** (13) A2
- (21) PCT/EP03/02990
- (22) **21 Mar/mar 2003 (21.03.2003)**
- (25) en (26) en
- (30) 02006490.3 **22 Mar/mar 2002 EP (22.03.2002)**
- (30) 02021687.5 **27 Sep/sep 2002 EP (27.09.2002)**
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- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ANTI-HPV-16 E7 ANTIBODY AND ITS USE
• ANTICORPS ANTI-HPV-16 E7 (PAPILLOMAVIRUS) ET SES APPLICATIONS
- (71) **AMYNON BIOTECH GMBH** [AT/AT]; Schneeberggasse 76A, A-6020 Innsbruck (AT).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) ZWERSCHKE, Werner, Paul [DE/AT]; Peter-Mayr-Strasse 19, A-6020 Innsbruck (AT). JANSEN-DÜRR, Pidder [DE/AT]; Schneeberggasse 76A, A-6020 Innsbruck (AT). FIEDLER, Marc [AT/AT]; Herzog-Friedrich-Strasse 8, A-6020 Innsbruck (AT). VIERTLER, Johann, Peter [AT/AT]; Haus Nr. 59, A-6149 Mieders (AT). WIDSCHWENDTER, Andreas [AT/AT]; Am Sportplatz 6, A-6200 Jenbach (AT). MÜLLER-HOLZNER, Elisabeth [AT/AT]; Haus Nr. 75, A-6060 Gnadewald (AT). LAICH, Andreas [AT/AT]; Konrad-Strasse 6, A-6020 Innsbruck (AT). FITZKY, Barbara [DE/AT]; Silvester-Jordan-Strasse 9a, A-6094 Axams (AT).
- (74) VOSSIUS & PARTNER; Siebertstrasse 4, 81675 Munich (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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07K 16/18, C12P 21/08, C12N 5/08, 5/18, 15/09, A61L 27/00
- (11) WO 03/080670 (13) A1
- (21) PCT/JP03/03624
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ja (26) ja
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- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ANTIBODY RECOGNIZING PROLIFERATIVE HUMAN LIVER CELLS, PROLIFERATIVE HUMAN LIVER CELLS AND FUNCTIONAL HUMAN LIVER CELLS
- ANTICORPUS RECONNAISSANT DES CELLULES HEPATIQUES HUMAINES PROLIFERATIVES, CELLULES HEPATIQUES HUMAINES PROLIFERATIVES ET CELLULES HEPATIQUES HUMAINES FONCTIONNELLES
- (71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). HIROSHIMA INDUSTRIAL PROMOTION ORGANIZATION [JP/JP]; 7-47, Senda-machi 3-chome, Naka-ku, Hiroshima-shi, Hiroshima 730-0052 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MUKAIDANI, Chise [JP/JP]; 6091-11, Misonou, Saijou-cho, Higashihiroshima-shi, Hiroshima 739-0024 (JP). YOSHIZATO, Katsutoshi [JP/JP]; 22-13, Hachihonmatsu-minami, 7-chome, Higashihiroshima-shi, Hiroshima 739-0144 (JP). YAMASAKI, Chihiro [JP/JP]; 303, 4-34, Saijo-cho 4-chome, Higashihiroshima-shi, Hiroshima 739-0025 (JP).
- (74) NISHIZAWA, Toshio; 6F, Mani-Building, 37-10, Udagawa-cho, Shibuya-ku, Tokyo 150-0042 (JP).
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- (22) 21 Mar/mar 2003 (21.03.2003)
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- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ANTI-RANK MONOCLONAL ANTIBODIES AND PHARMACEUTICAL COMPOSITION CONTAINING THE SAME
- ANTICORPUS MONOCLONAUX ANTI-RANK ET COMPOSITION PHARMACEUTIQUE CONTENANT CEUX-CI
- (71) KOMED CO., LTD. [KR/KR]; 301-2 Bundangtechnopark, 151, Yatap-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-760 (KR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LEE, Zang-Hee [KR/KR]; 107-1103 Samick Apt., Bongseon-dong, Nam-gu, Gwangju 503-060 (KR). KIM, Hong-Hee [KR/KR]; A-1109 Myounggi Apt., Bongseon-dong, Nam-gu, Gwangju 503-060 (KR).
- (74) SON, Min; 17th Floor, City Air Tower, 159-9 Samsung-dong, Gangnam-gu, Seoul 135-973 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 03/080673 (13) A1
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- (22) 18 Mar/mar 2003 (18.03.2003)
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- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COSTIMULATORY MOLECULE AND ITS USE
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- (71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH [DE/DE]; Binger Str. 173, 55216 Ingelheim am Rhein (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KIKUTANI, Hitoshi [JP/JP]; 2-17-B-504, Senriyama-higashi, Suita Osaka 565-0842 (JP). KUMANOOGOH, Atsushi [JP/JP]; 1-8-3-2-604 Satsukigaoka, Ikeda, Osaka 563-0029 (JP). BARSOUMIAN, Edward, Leon [US/JP]; 2-6-18-801 Nishi-Midorigaoka, Tayonaka, Osaka 560-0005 (JP).
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- MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- (11) WO 03/080674 (13) A1
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(20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ANTIBODY DISULFIDE ISOMERS,
USE THEREOF, AND METHODS OF
ANALYZING SAME
- ISOMERES DE DISULFURE D'ANTI-
CORPS, UTILISATION DE CES ISO-
MERES ET PROCEDES D'ANALYSE
DE CES ISOMERES
- (71) PHARMACIA CORPORATION [US/US];
Corporate Patent Department, P.O. Box 1027,
St. Louis, MI 63006 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) MOZIER, Ned, M. [US/US]; 335 White
Pine Drive, St. Charles, MI 63304 (US). DU-
FIELD, Robert, L. [US/US]; 3021 Spacious
Sky Drive, O'Fallon, MI 63366 (US). MO,
Jianming [US/US]; 14335 Windcreek Drive,
Chesterfield, MI 63017 (US). BILD, Gary,
S. [US/US]; 1631 Wilson Forest View Court,
Chesterfield, MO 63005 (US).
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cia Corporation, Corporate Patent Depart-
ment, P.O. Box 1027, St. Louis, MO 63006
(US).
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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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- (11) WO 03/080675 (13) A2
- (21) PCT/AU03/00352
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(03.02.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MONOCLONAL ANTIBODY AGAINST
INTERLEUKIN-13 RECEPTOR ALPHA
1 (IL-13R α 1)
- ANTICORPS MONOCLONAL CONTRE
LE RECEPTEUR ALPHA1 DE L'INTER-
LEUKINE 13 (IL-13RA1)
- (71) AMRAD OPERATIONS PTY LTD
[AU/AU]; 576 Swan Street, Richmond,
Victoria 3121 (AU).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) DUNLOP, Felicity, Meredith [AU/AU];
131 Spring Street, Regent, Victoria 3073
(AU). BACA, Manuel [AU/AU]; 15 Kerry
Close, Viewbank, Victoria 3084 (AU).
NASH, Andrew, Donald [AU/AU]; 185 Peel
Street, Kew, Victoria 3101 (AU). FABRI,
Louis, Jerry [AU/AU]; 41 Phipps Crescent,
Diamond Creek, Victoria 3089 (AU).
- (74) HUGHES, E., John, L. et al. / etc.; Davies
Collison Cave, Level 3, 303 Coronation
Drive, Milton, Queensland 4064 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
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TG).
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21/08, G01N 33/53, 33/577 // (C12N 5/20,
C12R 1:91
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- (25) ja (26) ja
- (30) 2002-083212 25 Mar/mar 2002 JP
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- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ANTIBODY AGAINST TRANSFER-
RIN-CONTAINING IMMUNE COM-
PLEX, PROCESS FOR PRODUCING
THE ANTIBODY, HYBRIDOMA AND
IMMUNOASSAY METHOD
- ANTICORPS CONTRE UN COMPLEXE
IMMUNO CONTENANT DE LA TRANS-
FERINE, METHODE DE PRODUCTION
DE L'ANTICORPS, HYBRIDOME ET
METHODE DE DOSAGE IMMUNOLO-
GIQUE
- (71) NISSUI PHARMACEUTICAL CO., LTD.
[JP/JP]; 11-1, Sugamo 2-chome, Toshima-ku,
Tokyo 170-0002 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) AKABA, Shuichi [JP/JP]; C/O NISSUI
PHARMACEUTICAL CO., LTD., RE-
SEARCH DEPARTMENT, 1075-2, Hoku-
nanmoro, Yuuki-shi, Ibaraki 307-0036 (JP).
- HAMANO, Akiei [JP/JP]; C/O NISSUI
PHARMACEUTICAL CO., LTD., RE-
SEARCH DEPARTMENT, 1075-2, Hoku-
nanmoro, Yuuki-shi, Ibaraki 307-0036 (JP).
- (74) MITSUKUDE, Yoshihiko; T-Kanai Build-
ing, 2-1, Kanda-awaji-cho, Chiyoda-ku,
Tokyo 101-0063 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
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- (11) WO 03/080677 (13) A1
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(24.02.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • LIQUID FOAM BUILDER CONTAIN-
ING HYDROLYZED GRAIN PROTEIN
- ADJUVANT DE MOUSSE LIQUIDE
CONTENANT UNE PROTEINE DE CE-
REALE HYDROLYSEE
- (71) MIDWEST GRAIN PRODUCTS, INC.
[US/US]; 1300 Main Street, Atchison, KS
66002 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) MILLER, Jeremy, T. [US/US]; 3945
N.W. 85th Terrace, Apt. C, Kansas City,
MO 64079 (US). MANINGAT, Clodualdo,
C. [PH/US]; 15995 Country Lane West,
Platte City, MO 64079 (US). BASSI, Sukh
[US/US]; 1502 Hillcrest Court, Atchison,
KS 66002 (US). MAKWANA, Dharmen
[US/US]; 2501 Bent Oak Court, Platte City,
MO 64079 (US). CHINNASWAMY, Ran-
gaswamy [IN/US]; 4640 N. Holly Court,
Kansas City, MO 64116 (US).
- (74) COLLINS, John, M.; Hovey Williams LLP,
Suite 400, 2405 Grand Boulevard, Kansas
City, MO 64108 (US).
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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 NI NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE 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 03/080678 (13) A1
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- (22) 26 Mar/mar 2003 (26.03.2003)
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- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MODIFIED SACCHARIDES HAVING IMPROVED STABILITY IN WATER
• SACCHARIDES MODIFIES PRESENTANT UNE STABILITE AMELIOREE DANS L'EAU
- (71) **CHIRON SRL** [IT/IT]; Via Fiorentina 1, 53100 Siena (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COSTANTINO, Paolo** [IT/IT]; Chiron S.r.l., Via Fiorentina, 1, I-53100 Siena (IT). **BERTI, Francesco** [IT/IT]; Chiron S.r.l., Via Fiorentina, 1, I-53100 Siena (IT). **NORELLI, Francesco** [IT/IT]; Chiron S.r.l., Via Fiorentina, 1, I-53100 Siena (IT). **BARTOLONI, Antonella** [IT/IT]; Chiron S.r.l., Via Fiorentina, 1, I-53100 Siena (IT).
- (74) **MARSHALL, Cameron, John et al.** / etc.; Carpmael & 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(30) 60/360,555 **26 Feb/fév 2002** US
(26.02.2002)
(30) 10/369,407 **20 Feb/fév 2003** US
(20.02.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FROZEN, PREFORMED CURABLE SEAL
• JOINT DURCISSABLE PREFORMEE, GELEE
- (71) **ADVANCED CHEMISTRY AND TECHNOLOGY, INC.** [US/US]; 7341 Anaconda Avenue, Garden Grove, CA 92841 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MULLINS, Dewey, L.** [US/US]; 1941 Leonides Trail, Marietta, GA 30064 (US). **PYREK, Stephane** [US/US]; 1709 Green Lane, Redondo, CA 90278 (US). **JORDAN, David, W.** [US/US]; 10960 Des Moines Avenue, Northridge, CA 91326-2656 (US).
- (74) **GOLDSTEIN, Avery, N. et al.** / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., 280 N. Old Woodward Avenue, Suite 400, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08F 2/44, 20/56, C12P 13/02**
- (11) **WO 03/080680** (13) A1
(21) PCT/JP03/03138
(22) **17 Mar/mar 2003 (17.03.2003)**
(25) ja (26) ja
(30) 2002-081512 **22 Mar/mar 2002** JP
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • AQUEOUS ACRYLAMIDE SOLUTION CONTAINING SACCHARIDE
• SOLUTION AQUEUSE D'ACRYLAMIDE CONTENANT DU SACCHARIDE
- (71) **DIA-NITRIX CO., LTD.** [JP/JP]; 12-5, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MURAO, Kozo** [JP/JP]; c/o Research Laboratory, Dia-Nitrix Co., Ltd., 10-1, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (JP). **SEYA, Masaaki** [JP/JP]; c/o Chemicals Development Laboratories, Mitsubishi Rayon Co., Ltd., 10-1, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (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) AU CN IN KR RU US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
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- (51)⁷ **C08F 6/08, 8/04, C08C 19/02, B01J 38/00, 23/44**
- (11) **WO 03/080681** (13) A1
(21) PCT/JP03/03718
(22) **26 Mar/mar 2003 (26.03.2003)**
(25) ja (26) ja
(30) 2002-85087 **26 Mar/mar 2002** JP
(26.03.2002)
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(27.03.2002)
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(10.07.2002)
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(18.07.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HYDROGENATED CONJUGATED DIENE BASED POLYMER LATEX AND METHOD FOR PRODUCTION THEREOF, AND HYDROGENATED CONJUGATED DIENE BASED POLYMER RUBBER
• LATEX POLYMER A BASE DE DIENE CONJUGUE HYDROGENE ET PROCEDE DE PRODUCTION DE CELUI-CI, ET CAOUTCHOUC POLYMER A BASE DE DIENE CONJUGUE HYDROGENE
- (71) **ZEON CORPORATION** [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAWANAKA, Takafumi** [JP/JP]; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **MITANI, Kozo** [JP/JP]; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **OOURA, Kiyomori** [JP/JP]; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **TAKAHASHI, Kazuhiro** [JP/JP]; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **USUI, Tatsuo** [JP/JP]; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (74) **UCHIDA, Yukio**; Uchida & Associates, Sunny Port Shiba 1005, 5-10, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP).
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- (51)⁷ **C08F 8/04**
- (11) **WO 03/080682** (13) A1
(21) PCT/EP03/02935
(22) **20 Mar/mar 2003 (20.03.2003)**
(25) de (26) de
(30) 102 12 702.6 **21 Mar/mar 2002** DE
(21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • BASE POLYMER OBTAINED BY HYDROGENATION
• POLYMER DE BASE PRODUIT PAR HYDROGENATION
- (71) **STOCKHAUSEN GMBH & CO. KG** [DE/DE]; Bäckerpfad 25, 47805 Krefeld (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOUBEN, Jochen** [DE/DE]; Margeritenstrasse 209, 47906 Kempen (DE). **NEUMANN, Claudius** [DE/DE]; Obere Müller Strasse 10, 64380 Rossdorf (DE). **MERTENS, Richard** [DE/DE]; Dahlerdyk 116a, 47803 Krefeld (DE). **HOELLER, Olaf** [DE/US]; 1142-T Bridford Lake Circle, Greensboro, NC 27407 (US).
- (74) **KAHLHÖFER, Hermann**; PATENTANWÄLTE 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C08F 8/48, G02B 1/04
- (11) WO 03/080683 (13) A1
- (21) PCT/JP03/03608
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ja (26) ja
- (30) 2002-085345 26 Mar/mar 2002 JP (26.03.2002)
- (30) 2002-160806 31 May/mai 2002 JP (31.05.2002)
- (30) 2002-172183 13 Jun/juin 2002 JP (13.06.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • THERMOPLASTIC POLYMER, PROCESS FOR PRODUCING THE SAME, AND MOLDED ARTICLE
- POLYMERE THERMOPLASTIQUE, PROCEDE DE PRODUCTION ASSOCIE, ET ARTICLE MOULE
- (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) MATSUMOTO, Hideki [JP/JP]; 305, Sankutasu Yagoto, 1-119, Omoteyama, Tenpaku-ku, Nagoya-shi, Aichi 468-0069 (JP). TANAKA, Akiko [JP/JP]; 201, KOKI No.8, 2-30-2, Doichi-cho, Mizuho-ku, Nagoya-shi, Aichi 467-0843 (JP). YAMAMOTO, Daisuke [JP/JP]; H202, Toray Narumi-syotaku, 1-82, Ikegamidai, Midori-ku, Nagoya-shi, Aichi 458-0044 (JP). SATO, Daisuke [JP/JP]; D-3-4, Toray Narumi-syotaku, 1-81, Ikegamidai, Midori-ku, Nagoya-shi, Aichi 458-0044 (JP). YAMANAKA, Toru [JP/JP]; 914, Naruoka 3-chome, Midori-ku, Nagoya-shi, Aichi 458-0005 (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 HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ C08F 10/00, 4/642, C07F 17/00
- (11) WO 03/080684 (13) A1
- (21) PCT/EP03/03024
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) de (26) de
- (30) 102 13 191.0 23 Mar/mar 2002 DE (23.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)

- (54) • "CONSTRAINED GEOMETRY" METALLOCENES, METHOD FOR THE PRODUCTION THEREOF AND USE OF THE SAME FOR THE POLYMERIZATION OF OLEFINS
- METALLOCENES ≤A GEOMETRIE CONTRAINTE", LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION POUR LA POLYMERISATION D'OLEFINES
- (71) CELANESE VENTURES GMBH [DE/DE]; 65926 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHULTE, Jörg, Ludwig [DE/DE]; Leipziger Strasse 75, 60487 Frankfurt (DE). SCHOTTEK, Jörg [DE/DE]; Mühlgasse 3, 60486 Frankfurt (DE). DICKNER, Tim [DE/DE]; Solmsstrasse 77, 60486 Frankfurt (DE).
- (74) DÖRR, Klaus, et al. / etc.; Industriepark Höchst, Geb. F 821, 65926 Frankfurt (DE).
- (81) BR CA CN ID JP KR MX US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (c)
- (51)⁷ C08F 22/32, 2/48, 4/00 // C09J 4/04
- (11) WO 03/080685 (13) A1
- (21) PCT/JP03/03268
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) ja (26) ja
- (30) 2002-79998 22 Mar/mar 2002 JP (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PHOTOCURABLE COMPOSITION
- COMPOSITION PHOTODURCISABLE
- (71) THREE BOND CO., LTD. [JP/JP]; 1456, Hazama-machi, Hachioji-shi, Tokyo 193-8533 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MOTOKI, Shigekazu [JP/JP]; c/o Three Bond Co., Ltd., 1456, Hazama-machi, Hachioji-shi, Tokyo 193-8533 (JP). KOJIMA, Kazuhiro [JP/JP]; c/o Three Bond Co., Ltd., 1456, Hazama-machi, Hachioji-shi, Tokyo 193-8533 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C08F 22/38, C08G 69/48, C11D 3/37
- (11) WO 03/080686 (13) A1
- (21) PCT/IT02/00198
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • "POLY-B-CARBOXYACRYLAMIDE POLYMER, USE THEREOF AND PROCESS FOR PREPARING THE SAME"
- POLYMERE POLY-B-CARBOXYACRYLAMIDE, SON UTILISATION ET PROCEDE DE FABRICATION CORRESPONDANT
- (71) EUROTecnica DEVELOPMENT & LICENSING S.P.A. [IT/IT]; Corso Buenos Aires, 63, I-20124 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CODIGNOLA, Franco [IT/IT]; c/o Eurotecnica Development & Licensing S.P.A., Corso Buenos Aires, 63, I-20124 Milano (IT).
- (74) SIMONELLI, Lliaria et al. / etc.; Jacobacci & Partners S.P.A., Via Senato, 8, I-20121 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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 HU 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)⁷ C08F 30/04, H05B 33/14
- (11) WO 03/080687 (13) A1
- (21) PCT/JP03/03616
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ja (26) ja
- (30) 2002-85662 26 Mar/mar 2002 JP (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • POLYMERIC COMPOUND AND ELECTROLUMINESCENT ELEMENT
- COMPOSE POLYMERE ET ELEMENT ELECTROLUMINESCENT
- (71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAMATANI, Jun [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). OKADA, Shinjiro [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). TSUBOYAMA, Akira [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). TAKIGUCHI, Takao [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).

- IGAWA, Satoshi [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaru-ku, 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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08F 122/04
- (11) WO 03/080688 (13) A1
- (21) PCT/US03/05867
- (22) 27 Feb/fév 2003 (27.02.2003)
- (25) en (26) en
- (30) 60/365,586 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A NOVEL PROCESS FOR PRODUCING ANHYDRIDE-CONTAINING POLYMERS FOR RADIATION SENSITIVE COMPOSITIONS
- NOUVEAU PROCEDE DE PRODUCTION DE POLYMERES CONTENANT UN ANHYDRIDE POUR COMPOSITIONS SENSIBLES AU RAYONNEMENT
- (71) ARCH SPECIALTY CHEMICALS, INC. [US/US]; 501 Merritt 7, P.O. Box 5204, Norwalk, CT 06856-5204 (US).
- (72) DILOCKER, Stephanie; 80 Sweet Avenue, Pawtucket, RI 02861 (US). MALIK, Sanjay; 40 Gaywood Avenue, Attleboro, MA 02703 (US). DE, Binod; 63 Thomas Olney Common, Providence, RI 02904 (US). REDDY, Ashok; 3902 Spring Valley Way, Louisville, KY 40241 (US).
- (74) GREELEY, Paul, D.; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., 10th Floor, 1 Landmark Square, Stamford, CT 06901 (US).
- (81) JP KR SG.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
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- (51)⁷ C08F 220/02, 220/18, 4/00, 8/30, 293/00, 265/00, 291/12, C09J 133/02, 133/04, 151/00, 7/02 // (C08F 220/18, 220/14, 220/06, 220/36), 220/18, 220/06, 220/14, 220/36)
- (11) WO 03/080689 (13) A1
- (21) PCT/EP03/01833
- (22) 24 Feb/fév 2003 (24.02.2003)
- (25) de (26) de
- (30) 102 12 831.6 22 Mar/mar 2002 DE (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR PRODUCING COPOLYMERIC POLYACRYLATE PRESURE-SENSITIVE ADHESIVE SUBSTANCES, AND NITROXIDE-MODIFIED POLYACRYLATES AND COMB BLOCK POLYMERS OBTAINED THEREBY
- PROCEDE POUR LA PRODUCTION DE SUBSTANCES AUTO-ADHESIVES DE POLYACRYLATE COPOLYMERES, POLYACRYLATES MODIFIES PAR NITROXYDE ET POLYMERES EN PEIGNE GREFFES AINSI OBTENUS
- (71) TESA AG [DE/DE]; Quickbornstrasse 24, 20253 Hamburg (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUSEMANN, Marc [DE/DE]; Strehlowweg 48, 22605 Hamburg (DE). ZÖLLNER, Stephan [DE/DE]; Osterkamp 11, 22043 Hamburg (DE).
- (74) TESA AG; Quickbornstrasse 24, 20253 Hamburg (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
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- (51)⁷ C08F 283/00, C08G 18/67, C09D 175/16, C03C 25/32
- (11) WO 03/080690 (13) A1
- (21) PCT/NL03/00231
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) en (26) en
- (30) 2002-088363 27 Mar/mar 2002 JP (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CURABLE LIQUID RESIN COMPOSITION
- COMPOSITION DE RESINE LIQUIDE DURCISSABLE
- (71) DSM N.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL). JSR CORPORATION [JP/JP]; JSR Building, 2-11-24, Tsukiji, Chuo-ku, Tokyo 104-8410 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUGIMOTO, Masanobu [JP/JP]; 2-11-24, Tsukiji, Chuo-ku, Tokyo 104-8410 (JP). SUGIMOTO, Hideki [JP/JP]; 2-11-24, Tsukiji, Chuo-ku, Tokyo 104-8410 (JP). SHIGEMOTO, Takeo [JP/JP]; 2-11-24, Tsukiji, Chuo-ku, Tokyo 104-8410 (JP). KOMIYA, Zen [JP/JP]; 2-11-24, Tsukiji, Chuo-ku, Tokyo 104-8410 (JP). UKACHI, Takashi [JP/JP]; 2-11-24, Tsukiji, Chuo-ku, Tokyo 104-8410 (JP).
- (74) HOOGENDAM, G., C.; 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08F 297/02
- (11) WO 03/080691 (13) A1
- (21) PCT/JP03/03590
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ja (26) ja
- (30) 2002-86270 26 Mar/mar 2002 JP (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DIBLOCK COPOLYMER AND PRESURE-SENSITIVE ADHESIVE COMPOSITIONS CONTAINING THE SAME
- COPOLYMERES A DEUX BLOCS ET COMPOSITIONS ADHESIVES AUTO-COLLANTES EN CONTENANT
- (71) KURARAY CO., LTD. [JP/JP]; 1621, Sakazu, Kurashiki-shi, Okayama 710-8622 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORISHITA, Yoshihiro [JP/JP]; c/o Kuraray Co., Ltd., 41, Miyukigaoka, Tsukuba-shi, Ibaraki 305-0841 (JP). HAMADA, Kenichi [JP/JP]; c/o Kuraray Co., Ltd., 41, Miyukigaoka, Tsukuba-shi, Ibaraki 305-0841 (JP). SASAKI, Shigeru [JP/JP]; c/o Kuraray Co., Ltd., 1621, Sakazu, Kurashiki-shi, Okayama 710-8622 (JP).
- (81) CA CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ C08F 297/04, C09J 153/02, C08L 53/02
- (11) WO 03/080692 (13) A1
- (21) PCT/EP03/03172
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) en (26) en
- (30) 02076178.9 26 Mar/mar 2002 EP (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • POLY (STYRENE-BUTADIENE-STYRENE) POLYMERS HAVING A HIGH VINYL CONTENT IN THE BUTADIENE BLOCK AND HOT MELT ADHESIVE COMPOSITIONS COMPRISING SAID POLYMERS
- POLYMERES POLY (STYRENE-BUTADIENE-STYRENE) A TENEUR ELEVEE EN VINYLE DANS LE BLOC BUTADIENE ET COMPOSITIONS D'ADHESIFS THERMOFUSIBLES LES CONTENANT
- (71) KRATON POLYMERS RESEARCH B.V. [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VERMUNICHT, Geert, E., A. [BE/BE]; Avenue Jean Monnet 1, Ottignies, B-1348 Louvain-LaNeuve (BE). VAN DE VLIET, Birgitte, M., L. [BE/BE]; Avenue Jean Monnet 1, Ottignies, B-1348 Louvain-LaNeuve (BE). SOUTHWICK, Jeffrey, G. [US/US]; 1811 Laguna Meadows Lane, Houston, TX 77094 (US).

(74) **BEEZ, Tom et al. / etc.;** 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 OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C08G 18/12, 18/48, G02B 1/04

(11) WO 03/080693 (13) A2

(21) PCT/US02/36469

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(30) 60/332,828 16 Nov/nov 2001 US (16.11.2001)

(30) 10/287,715 5 Nov/nov 2002 US (05.11.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IMPACT RESISTANT POLYURETHANE AND POLYURETHANE PREPOLYMER HAVING LOW NCO/OH RATIO

• POLYURETHANE RESISTANT AUX CHOCS ET PREPOLYMERES DE POLYURETHANE PRESENTANT UN FAIBLE RATIO NCO/OH

(71) **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) **MCDONALD, William H.;** 803 Dog Wood Trail, Cranberry Township, PA 16066 (US).

(74) **MARMO, Carol A. 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08G 18/32, C09D 175/04, C08G 18/80

(11) WO 03/080694 (13) A1

(21) PCT/DE03/00981

(22) 25 Mar/mar 2003 (25.03.2003)

(25) de (26) de

(30) 102 14 028.6 27 Mar/mar 2002 DE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FUNCTIONALIZED POLYURETHANE
• POLYURETHANE FONCTIONNALISE

(71) **PPG INDUSTRIES LACKE GMBH** [DE/DE]; Stackenbergstr. 34, 42329 Wuppertal (DE).

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(72, 75) **HILLE, Dieter** [DE/DE]; In der Schlade 24, 51467 Bergisch Gladbach (DE). **JAHNY, Karsten** [DE/DE]; Wernerstr. 32, 71636 Ludwigsburg (DE). **LAMERS, Paul** [US/DE]; Siemensweg 8, 71711 Steinheim (DE).

(74) **DUNKELBERG, Oliver;** Brandenburg, Dunkelberg & Franke, Trarbacher Str. 21, 47259 Duisburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08G 18/32, C09D 175/04, C08G 18/80

(11) WO 03/080695 (13) A1

(21) PCT/DE03/00982

(22) 25 Mar/mar 2003 (25.03.2003)

(25) de (26) de

(30) 102 14 027.8 27 Mar/mar 2002 DE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • WATER-DILUTABLE CROSS-LINKING AGENT

• AGENT RETICULANT POUVANT ETRE DILUE DANS L'EAU

(71) **PPG INDUSTRIES LACKE GMBH** [DE/DE]; Stackenbergstr. 34, 42329 Wuppertal (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HILLE, Dieter** [DE/DE]; In der Schlade 24, 51467 Bergisch Gladbach (DE). **JAHNY, Karsten** [DE/DE]; Wernerstr. 32, 71636 Ludwigsburg (DE). **LAMERS, Paul** [US/DE]; Siemensweg 8, 71711 Steinheim (DE).

(74) **DUNKELBERG, Oliver;** Brandenburg, Dunkelberg & Franke, Trarbacher Str. 21, 47259 Duisburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C08G 18/61

(11) WO 03/080696 (13) A1

(21) PCT/EP03/00702

(22) 23 Jan/jan 2003 (23.01.2003)

(25) de (26) de

(30) 102 12 658.5 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FOAMS CONTAINING SILICON

• MOUSSES CONTENANT DE LA SILICONE

(71) **CONSORTIUM FÜR ELEKTRO-CHEMISCHE INDUSTRIE GMBH** [DE/DE]; Zielstattstrasse 20, 81379 München (DE).

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(72, 75) **STANJEK, Volker** [DE/DE]; Hofbrunnstrasse 21, 81479 München (DE). **SCHÄFER, Oliver** [DE/DE]; Waldfriedhofstrasse 12, 81377 München (DE). **PACHALY, Bernd** [DE/DE]; Utzenstrasse 1, 84561 Mehring-Öd (DE).

(74) **FRITZ, Helmut et al. / etc.;** Wacker-Chemie GmbH, Zentralbereich PML, Hanns-Seidel-Platz 4, 81737 München (DE).

(81) CN JP PL US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ C08G 18/79, 18/02, C07D 251/34

(11) WO 03/080697 (13) A1

(21) PCT/FR03/00976

(22) 27 Mar/mar 2003 (27.03.2003)

(25) fr (26) fr

(30) 02/03877 27 Mar/mar 2002 FR (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • LOW-VISCOSITY POLYISOCYANATE COMPOSITION HAVING HIGH FUNCTIONALITY AND METHOD FOR PREPARING SAME

• COMPOSITION POLYISOCYANATE DE FAIBLE VISCOSITE POUVANT ETRE FONCTIONNALISEE ET PROCEDE DE PREPARATION

(71) **RHODIA CHIMIE** [FR/FR]; 26 Quai Alphonse Le Gallo, F-92510 BOULOGNE BILLANCOURT (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERNARD, Jean-Marie** [FR/FR]; Route du Large, Saint-Laurent d'Agnay, F-69440 MORNANT (FR).

(74) **BERNASCONI, Jean et al. / etc.;** Cabinet LAVOIX, 2, Place d'Estienne d'Orves, F-75441 PARIS (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ C08G 61/12

(11) WO 03/080698 (13) A1

(21) PCT/GB03/01263

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 0206944.1 23 Mar/mar 2002 GB
(23.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • POLYMERISATION METHOD, POLY-
MERS AND USES THEREOF
• PROCEDE DE POLYMERISATION, PO-
LYMERES ET UTILISATION DE CES
DERNIERS

(71) CRANFIELD UNIVERSITY [GB/GB];
Silsoe, Milton Keynes, Bedfordshire MK45
4DT (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PILETSKY, Sergey, Anatoliyovich
[UA/GB]; 8 Harter Avenue, Cranfield, Bed-
fordshire MK43 0EE (GB). PILETSKA,
Olena, Volodimirivna [UA/GB]; 8 Harter
Avenue, Cranfield, Bedfordshire MK43 0EE
(GB). TURNER, Anthony, Peter, Fran-
cis [GB/GB]; "Elmsfields", 8 Brook End,
North Crawley, Buckinghamshire MK16
9HH (GB). KARIM, Khalku [GB/GB]; 12
Gurney Way, Cambridge, Cambridgeshire
CB4 2ED (GB). CHEN, Beining [GB/GB];
Department of Chemistry, University of
Sheffield, Sheffield, Yorkshire S3 7HF (GB).

(74) STUART, Ian 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ C08G 63/02, C08L 67/04

(11) WO 03/080699 (13) A1

(21) PCT/JP02/02915

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ja (26) ja

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MODIFIER FOR POLYLACTIC ACID
AND POLYLACTIC ACID COMPOSI-
TION CONTAINING THE MODIFIER

• MODIFICATEUR POUR L'ACIDE PO-
LYLACTIQUE ET COMPOSITION
A BASE D'ACIDE POLYLACTIQUE
CONTENANT CE MODIFICATEUR

(71) DAINIPPON INK AND CHEMICALS,
INC. [JP/JP]; 35-58, Sakashita 3-chome,
Itabashi-ku, Tokyo 174-8520 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) IMAMURA, Shouji [JP/JP]; 2-15-13,
Ohsakidai, Sakura-shi, Chiba 285-0817 (JP).
ARIGA, Toshiro [JP/JP]; 1-39-5-B302,
Higashi-abiko, Abiko-shi, Chiba 270-1144
(JP). FURUTA, Hideyuki [JP/JP]; 4-5-1,
Ohmiyadai, Wakaba-ku, Chiba-shi, Chiba
264-0015 (JP). MIHARA, Takashi [JP/JP];
1-27-1-B-308, Ohsakidai, Sakura-shi, Chiba
285-0817 (JP).

(74) SHIGA, Masatake et al. / etc.; OR Bldg.,
23-3, Takadanobaba 3-chome, Shinjuku-ku,
Tokyo 169-8925 (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)⁷ C08G 63/16

(11) WO 03/080700 (13) A1

(21) PCT/JP03/03633

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(30) 2002-082601 25 Mar/mar 2002 JP
(25.03.2002)

(30) 2002-250620 29 Aug/août 2002 JP
(29.08.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HIGH-MOLECULAR POLYOXALATE
AND PROCESS FOR PRODUCTION
THEREOF

• POLYOXALATE A POIDS MOLE-
CULAIRE ELEVE ET PROCEDE DE
PRODUCTION ASSOCIE

(71) UBE INDUSTRIES, LTD. [JP/JP];
1978-96, Oaza kogushi, Ube-shi, Yam-
aguchi 755-8633 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TANAKA, Hideho [JP/JP]; C/O Ube
Laboratory, Corporate Research & Devel-
opment, Ube Industries, Ltd., 1978-5, Oaza
Kogushi, Ube-shi, Yamaguchi 755-8633 (JP).
KURACHI, Kouichiro [JP/JP]; C/O Ube
Laboratory, Corporate Research & Devel-
opment, Ube Industries, Ltd., 1978-5, Oaza
Kogushi, Ube-shi, Yamaguchi 755-8633 (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) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT SE SI
SK TR).

(51)⁷ C08G 63/183, C08K 5/00, C08L 67/02

(11) WO 03/080701 (13) A1

(21) PCT/EP03/01707

(22) 20 Feb/fév 2003 (20.02.2003)

(25) en (26) en

(30) 02006746.8 23 Mar/mar 2002 EP
(23.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • POLYTRIMETHYLENE TEREPHTHA-
LATE RESINS WITH IMPROVED
PROPERTIES

• RESINES DE POLYTRIMETHYLENE
TEREPHTHALATE A PROPRIETES
AMELIOREES

(71) ZIMMER AG [DE/DE]; Borsigallee 1,
60388 Frankfurt am Main (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SEIDEL, Eckhard [DE/DE]; Wil-
helmshöher Strasse 18d, 60389 Frank-
furt (DE). GEMMEL, Bernd [DE/DE];
Stephanusberg 6, 63571 Gelnhausen (DE).
HELDMANN, Karl-Heinz [DE/DE];
Eichendorffstrasse 9, 65479 Raunheim (DE).

(74) MAI, Peter et al. / etc.; John-F-Kennedy-
Strasse 4, 65189 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C08G 63/183

(11) WO 03/080702 (13) A1

(21) PCT/EP03/01712

(22) 20 Feb/fév 2003 (20.02.2003)

(25) en (26) en

(30) 02006746.8 23 Mar/mar 2002 EP
(23.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • POLYTRIMETHYLENE TEREPHTHA-
LATE RESINS WITH IMPROVED
PROPERTIES

• RESINE DE POLYTRIMETHYLENE
TEREPHTHALATE A PROPRIETES
AMELIOREES

(71) ZIMMER AG [DE/DE]; Borsigallee 1,
60388 Frankfurt am Main (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SEIDEL, Eckhard [DE/DE]; Wil-
helmshöher Strasse 18d, 60389 Frank-
furt (DE). GEMMEL, Bernd [DE/DE];
Stephanusberg 6, 63571 Gelnhausen (DE).
HELDMANN, Karl-Heinz [DE/DE];
Eichendorffstrasse 9, 65479 Raunheim (DE).

(74) MAI, Peter et al. / etc.; John-F.-Kennedy-Strasse 4, 65189 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C08G 63/199, 63/553

(11) WO 03/080703 (13) A1

(21) PCT/EP03/01535

(22) 15 Feb/fév 2003 (15.02.2003)

(25) de (26) de

(30) 102 12 706.9 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • UNSATURATED, AMORPHOUS POLYESTERS BASED ON DETERMINED DICIDOL ISOMERS
• POLYESTER AMORPHE INSATURE A BASE DE DICIDOLISOMERES DETERMINES

(71) DEGUSSA AG [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GLÖCKNER, Patrick [DE/DE]; Jahnstrasse 40, 40885 Ratingen (DE). CERRI, Alessandro [IT/DE]; Im Nott 3, 48301 Nottuln (DE). ANDREJEWSKI, Werner [DE/DE]; Bismarckstrasse 105, 46284 Dorsten (DE). FRANZMANN, Giselher [DE/DE]; Markerbenhöhe 22, 58453 Witten (DE). DENKINGER, Peter [DE/DE]; Grauten Ihl 7, 48301 Nottuln (DE).

(74) DEGUSSA AG; Intellectual Property Management, Patente u. Marken, Bau 1042/PB 15, 45764 Marl (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08G 63/54, 63/78, C08L 67/02

(11) WO 03/080704 (13) A1

(21) PCT/US03/06567

(22) 5 Mar/mar 2003 (05.03.2003)

(25) en (26) en

(30) 10/100,152 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PREPARATION OF UNSATURATED POLYESTERS
• PREPARATION DE POLYESTERS INSATURES

(71) ARCO CHEMICAL TECHNOLOGY, L.P. [US/US]; Two Greenville Crossing, 4001 Kennett Pike, Suite 238, Greenville, DE 19807 (US).

(72) YANG, Lau, S.; 2604 North Gate Road, Wilmington, DE 19810 (US). PUCKETT, Paul, Malcolm; 115 Poinciana, Lake Jackson, TX 77566 (US). KARAS, Lawrence, J.; 1010 Rock Creek Road, West Chester, PA 19380 (US). ARMSTEAD, Diandre; 20 Lois Lane, Gilbertsville, PA 19525 (US). ALBANO, Paul, A.; 529 Myrtle Avenue, Gibbstown, NJ 08027 (US).

(74) GUO, Shao 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08G 63/78, 63/85, C08J 11/22, C07F 7/00, C08G 63/82

(11) WO 03/080705 (13) A1

(21) PCT/US03/08487

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/102,162 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CATALYTIC SYSTEMS
• SYSTEMES CATALYTIQUES

(71) CYCLICS CORPORATION [US/US]; 2135 Technology Drive, Schenectady, NY 12308-1143 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WANG, Yi-Feng [US/US]; 6 Anchor Drive, Waterford, NY 12188 (US). PHELPS, Peter, D. [US/US]; 19 Barney Road, Clifton Park, NY 12065 (US).

(74) ZHANG, Yin, P. et al. / etc.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08G 64/00, B65D 1/02, B29C 49/04, 49/06

(11) WO 03/080706 (13) A1

(21) PCT/EP03/02901

(22) 20 Mar/mar 2003 (20.03.2003)

(25) de (26) de

(30) 102 13 230.5 25 Mar/mar 2002 DE (25.03.2002)

(30) 102 29 594.8 2 Jul/juil 2002 DE (02.07.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • POLYCARBONATE HAVING A HIGH EXTENSIONAL VISCOSITY
• POLYCARBONATE A VISCOSITE A L'EXPANSION ELEVEE

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HORN, Klaus [DE/DE]; Bahnhofstr. 13, 41539 Dormagen (DE). HUFEN, Ralf [DE/DE]; Zum Röttgenhof 25, 47239 Duisburg (DE). KRIETER, Markus [DE/DE]; Gravenberger Weg 8, 40764 Langenfeld (DE). DIJKSTRA, Dirk-Jacques [NL/DE]; Friedrich-Weskott-Str. 6, 51373 Leverkusen (DE). HEPPELLE, Jens [DE/DE]; Schildergasse 83, 50667 Köln (DE). MÜNSTEDT, Helmut [DE/DE]; Waldweg 16, 91054 Buckenhof (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC 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 HU IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

- (51)⁷ C08G 69/04, 69/28, 69/36
(11) WO 03/080707 (13) A1
(21) PCT/EP03/03091
(22) 25 Mar/mar 2003 (25.03.2003)
(25) de (26) de
(30) 102 13 263.1 25 Mar/mar 2002 DE (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD AND DEVICE FOR THE CONTINUOUS PRODUCTION OF POLYAMIDE 6,6 AND COPOLYAMIDES THEREOF
• PROCEDE ET DISPOSITIF DE PRODUCTION EN CONTINU DE POLYAMIDE 6,6 ET DE SES COPOLYAMIDES
(71) POLYMER ENGINEERING GMBH [DE/DE]; Breitscheidstrasse 148, 07407 Rudolstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) WILTZER, Karl-Heinz [DE/DE]; Ludwig-Jahn-Strasse 3, 07422 Bad Blankenburg (DE).
(74) FELDKAMP, Rainer et al. / etc.; Garmischer Strasse 4, 80339 München (DE).
(81) CN IN RU US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ C08G 73/02, H01B 1/12
(11) WO 03/080708 (13) A1
(21) PCT/IN02/00058
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • PROCESS FOR THE PREPARATION OF POLYANILINE SALT
• PREPARATION DE SEL DE POLYANILINE
(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
(72) PALANIAPPAN, Srinivasan; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). CHELLACHAMY, Anbalagan, Amarnath; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN).
(74) HARIHARAN, Subramaniam et al. / etc.; Subramaniam, Nataraj & Associates, E 556 Greater Kailash II, New Delhi 110 048 (IN).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08G 73/10, C09D 179/08, C08L 79/08
(11) WO 03/080709 (13) A1
(21) PCT/US03/06720
(22) 5 Mar/mar 2003 (05.03.2003)
(25) en (26) en
(30) 10/063,093 19 Mar/mar 2002 US (19.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • PREPARATION OF POLYIMIDE POLYMERS
• PREPARATION DE POLYMERES DE POLYIMIDE
(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).
(72) LINDWAY, Martin, John; 10633 Drexton Place, Newburgh, IN 47630 (US).
(74) WINTER, Catherine, J. et al. / etc.; General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08G 77/08
(11) WO 03/080710 (13) A1
(21) PCT/FR03/00888
(22) 20 Mar/mar 2003 (20.03.2003)
(25) fr (26) fr
(30) 02/03769 26 Mar/mar 2002 FR (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD FOR PREPARING FUNCTIONALISED POLYORGANOSILOXANE RESINS BY REDISTRIBUTION IN THE PRESENCE OF TRIFLIC ACID AND/OR AT LEAST OF ONE OF ITS DERIVATIVES AND NON-BASIC INERT FILLER
• PROCEDE DE PREPARATION DE RESINES POLYORGANOSILOXANE FONCTIONNALISEES PAR REDISTRIBUTION EN PRESENCE D'ACIDE TRIFLIQUE ET/OU D'AU MOINS L'UN DE SES DERIVES ET DE CHARGE INERTE NON BASIQUE
(71) RHODIA CHIMIE [FR/FR]; 26 Quai Alphonse Le Gallo, F-92100 BOULOGNE-BILLANCOURT (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BOISSON, Fernande [FR/FR]; 155 rue Léon Blum, F-69100 VILLEURBANNE (FR). GAMBUT, Lucile [FR/FR]; 16 rue des Tuilliers, F-69003 LYON (FR). MIGNANI, Gérard [FR/FR]; 2 avenue des Frères Lumière, F-69008 LYON (FR).
(74) CABINET PLASSERAUD et al. / etc.; 84 rue d'Amsterdam, F-75440 PARIS CEDEX 09 (FR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ C08G 77/08
(11) WO 03/080711 (13) A1
(21) PCT/FR03/00889
(22) 20 Mar/mar 2003 (20.03.2003)
(25) fr (26) fr
(30) 02/03771 26 Mar/mar 2002 FR (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD FOR PREPARING FUNCTIONALISED POLYORGANOSILOXANE RESINS BY REDISTRIBUTION IN THE PRESENCE OF AT LEAST ONE TRIFLIC ACID DERIVATIVE
• PROCEDE DE PREPARATION DE RESINES POLYORGANOSILOXANE FONCTIONNALISEES PAR REDISTRIBUTION EN PRESENCE D'AU MOINS UN DERIVE D'ACIDE TRIFLIQUE
(71) RHODIA CHIMIE [FR/FR]; 26 Quai Alphonse le Gallo, F-92100 BOULOGNE-BILLANCOURT (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BOISSON, Fernande [FR/FR]; 155 rue Léon Blum, F-69100 VILLEURBANNE (FR). MIGNANI, Gérard [FR/FR]; 2 avenue des Frères Lumière, F-69008 LYON (FR).
(74) CABINET PLASSERAUD et al. / etc.; 84 rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)

- (51)⁷ C08G 77/14, A61K 7/00, C08G 77/46, A61K 7/48
- (11) WO 03/080712 (13) A1
(21) PCT/JP03/03629
- (22) 25 Mar/mar 2003 (25.03.2003)
(25) ja (26) ja
- (30) 2002-82845 25 Mar/mar 2002 JP (25.03.2002)
- (30) 2003-69389 14 Mar/mar 2003 JP (14.03.2003)
- (30) 2003-69390 14 Mar/mar 2003 JP (14.03.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SILICONE MODIFIED WITH BRANCHED POLYGLYCEROL
• SILICONE MODIFIÉE PAR POLYGLYCEROL RAMIFIÉ
- (71) KAO CORPORATION [JP/JP]; 14-10, Nihonbashi-Kayabacho 1-chome, Chuo-ku, Tokyo 103-8210 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MIYANAGA, Seiichi [JP/JP]; c/o Kao Corporation, Research Laboratories, 1334, Minato, Wakayama-shi, Wakayama 640-8580 (JP).
- (74) FURUYA, Satoshi et al. / etc.; Hamacho-Hanacho Building 6th Floor, 2-17-8, Nihonbashi-Hamacho, Chuo-ku, Tokyo 103-0007 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08G 77/34, A61L 27/18
- (11) WO 03/080713 (13) A1
(21) PCT/US03/08902
- (22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
- (30) 60/366,696 21 Mar/mar 2002 US (21.03.2002)
- (30) 10/165,834 7 Jun/juin 2002 US (07.06.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SUPERCRITICAL FLUID EXTRACTION OF VITREORETINAL SILICONE TAMPONADES
• EXTRACTION PAR FLUIDE SUPERCRITIQUE DE SUBSTITUTS VITREO-RETINIEN A BASE DE SILICONE
- (71) BAUSCH & LOMB INCORPORATED [US/US]; One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).
- (72) KUNZLER, Jay, F.; 6020 Monks Road, Canandaigua, NY 14424 (US). SALAMONE,

- Joseph, C.; 8 Woodcliff Terrace, Fairport, NY 14450 (US). JANI, Dharmendra; 44 Chardonnay Drive, Airport, NY 14450 (US). INDRA, Erik, M.; 111-3 Deerhurst Lane, Webster, NY 14580 (US).
- (74) VACCA, Rita, D. et al. / etc.; Bausch & Lomb, Incorporated, One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR 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 SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ C08G 81/02, C04B 24/26
- (11) WO 03/080714 (13) A1
(21) PCT/EP03/02892
- (22) 19 Mar/mar 2003 (19.03.2003)
(25) de (26) de
- (30) 02006760.9 25 Mar/mar 2002 EP (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • POLYMERS IN A SOLID STATE
• POLYMERES A L'ETAT SOLIDE
- (71) SIKA SCHWEIZ AG [CH/CH]; Tüffenwies 16 - 22, CH-8064 Zürich (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SULSER, Ueli [CH/CH]; Höggerstrasse 12, CH-8102 Oberengstringen (CH). SCHOBER, Irene [AT/CH]; Resedastrasse 20, CH-8008 Zürich (CH). MÄDER, Urs [CH/CH]; Schwalbenweg 81, CH-8500 Frauenfeld (CH). VELTEN, Ulf [DE/CH]; Tellstrasse 19, CH-5000 Aarau (CH).
- (74) SIKA TECHNOLOGY AG; Geschäftsstelle Zürich, Intellectual Property Department, Tüffenwies 16, Postfach, CH-8048 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08J 3/12, 3/03
- (11) WO 03/080715 (13) A1
(21) PCT/US03/05977
- (22) 27 Feb/fév 2003 (27.02.2003)
(25) en (26) en
- (30) 10/100,662 18 Mar/mar 2002 US (18.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • GRINDING PROCESS FOR PLASTIC MATERIAL AND COMPOSITIONS THEREFROM
• PROCEDE DE PULVERISATION D'UN PLASTIQUE ET COMPOSITIONS OBTENUES A PARTIR DE CE PROCEDE
- (71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) NODA, Isao; 1568 Hunter Road, Fairfield, OH 45014 (US). ALLEN, William, Maxwell, Jr.; 6825 Millikin Road, Liberty Township, OH 45044 (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 SC SD SE SG 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 HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ 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 HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations
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- (51)⁷ C08J 5/00, C08F 265/06, 230/08, B29C 39/00 // A47B 77/06, (C08F 265/06, 230:08)
- (11) WO 03/080716 (13) A1
(21) PCT/EP03/00912
- (22) 30 Jan/jan 2003 (30.01.2003)
(25) de (26) de
- (30) 102 14 436.2 27 Mar/mar 2002 DE (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CASTING COMPOUND AND PLASTIC SHAPED BODIES PRODUCED THEREFROM
• MATIERE DE COULAGE ET CORPS MOULES PLASTIQUES PRODUITS A PARTIR DE CETTE MATIERE DE COULAGE

- (71) **BLANCO GMBH + CO KG** [DE/DE]; Flehinger Strasse 59, 75038 Oberderdingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAJEK, Andreas** [DE/DE]; Danziger Ring 13, 74336 Brackenheim (DE). **HECK, Thomas** [DE/DE]; Panoramaweg 9, 74858 Aglasterhausen (DE).
- (74) **WÖSSNER, Gottfried et al. / etc.**; Uhlandstrasse 14c, 70182 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08J 7/04, B60S 1/38**
- (11) **WO 03/080717** (13) A1
- (21) PCT/DE03/00235
- (22) **29 Jan/jan 2003 (29.01.2003)**
- (25) de (26) de
- (30) 102 12 682.8 **22 Mar/mar 2002 DE (22.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **METHOD FOR THE PRODUCTION OF A RUBBER ARTICLE AND CORRESPONDING RUBBER ARTICLE**
- **PROCEDE DE PRODUCTION D'UN ARTICLE EN CAOUTCHOUC, ET ARTICLE EN CAOUTCHOUC 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) **DIERKES, Wilma** [DE/DE]; Am Brisenkamp 8, 48599 Gronau (DE). **WILMS, Christian** [DE/BE]; Pieter Canhoudstraat 86/1, B-3582 Beringen (BE). **GRUHN, Herbert** [DE/DE]; Bunzstrasse 3, 71638 Ludwigsburg (DE). **BAUN, Rainer** [DE/DE]; Mauchentalstrasse 1, 72574 Bad Urach (DE). **SCHMID, Hellmut** [DE/DE]; Allmandklinge 47, 74343 Sachsenheim (DE). **LEUTSCH, Wolfgang** [DE/DE]; Laengenbergweg 1, 77830 Buehlertal (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
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- (51)⁷ **C08J 7/04, 7/16, B32B 17/10, 27/00, 27/20, 27/30, 27/38**
- (11) **WO 03/080718** (13) A1
- (21) PCT/EP03/02988
- (22) **21 Mar/mar 2003 (21.03.2003)**
- (25) de (26) de
- (30) 102 12 961.4 **22 Mar/mar 2002 DE (22.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **PLASTIC FILM WITH A MULTILAYERED INTERFERENCE COATING**
- **FEUILLE EN MATIERE PLASTIQUE A REVETEMENT D'INTERFERENCE MULTICOUCHE**
- (71) **INSTITUT FÜR NEUE MATERIALIEN GEMEINNÜTZIGE GMBH** [DE/DE]; Im Stadtwald, Gebäude 43, 66123 Saarbrücken (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERNI, Anette** [DE/DE]; Höhenstr. 25b, 66894 Kåshofen (DE). **MENNIG, Martin** [DE/DE]; Mittelstr. 5, 66287 Quierschied (DE). **OLIVEIRA, Peter, W.** [DE/DE]; Nauwieser Str. 40, 66111 Saarbrücken (DE). **SCHMIDT, Helmut** [DE/DE]; Im Königsfeld 29, 66130 Saarbrücken-Güdingen (DE).
- (74) **BARZ, Peter**; Patentanwalt, Kaiserplatz 2, 80803 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08J 9/00, 9/14**
- (11) **WO 03/080719** (13) A1
- (21) PCT/US03/08329
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) en (26) en
- (30) 60/365,754 **18 Mar/mar 2002 US (18.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **REINFORCED PHENOLIC FOAM**
- **MOUSSE PHENOLIQUE RENFORCEE**
- (63) US 60/365,754 (CON)
18 Mar/mar 2002 (18.03.2002)
- (71) **UNIVERSITY OF SOUTHERN CALIFORNIA** [US/US]; 3716 S. Hope Street, Suite 313, Los Angeles, CA 90007-4344 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NUTT, Steven** [US/US]; 6 Sunburst, Irvine, CA 92612 (US). **SHEN, Hongbin** [CN/US]; 1201 W. Mission Road, Apt. #21, Alhambra, CA 91803 (US).
- (74) **HARRIS, Scott, C.**; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08K 9/04**
- (11) **WO 03/080720** (13) A1
- (21) PCT/GB03/00718
- (22) **19 Feb/fév 2003 (19.02.2003)**
- (25) en (26) en
- (30) 0206755.1 **22 Mar/mar 2002 GB (22.03.2002)**
- (30) 0226925.6 **16 Nov/nov 2002 GB (16.11.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **FILLER COMPOSITES**
- **COMPOSITES DE REMPLISSAGE**
- (71) **AVECIA LIMITED** [GB/GB]; Hexagon House, Blackley, Manchester M9 8ZS (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROTHON, Roger, Norman** [GB/GB]; 3 Orchard Croft, Guilden Sutton, Chester, Cheshire CH3 7SL (GB). **THETFORD, Dean** [GB/GB]; P.O. Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB). **RICHARDS, Stuart, Nicholas** [GB/GB]; PO Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB). **SCHOFIELD, John, David** [GB/GB]; PO Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB).
- (74) **FAWKES, David, Melville et al. / etc.**; Intellectual Property Group, Avecia Limited, P.O. Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ **C08L 9/08, D21H 19/58**
- (11) **WO 03/080721** (13) A1
- (21) PCT/JP02/02764
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) ja (26) ja
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **METHOD OF ACCELERATING SOLIDIFICATION REACTION OF SBR LATEX EMULSION**
- **PROCEDE PERMETTANT D'ACCELERER LA REACTION DE SOLIDIFICATION D'UNE EMULSION DE LATEX SBR**

- (71) PT. PABRIK KERTAS TJIWI KIMIA TBK. [ID/ID]; Jl. Raya Surabaya-Mojokerto Km-44 P.O.Box 115, 61301 Jawa Timur Mojokerto (ID). SUZUKI, Rikio [JP/JP]; 2-181-5, Kinoshita, Oume-shi, Tokyo 198-0013 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TSUNG, Tsai, Ming [Stateless / apatride/ID]; Jl. Raya Surabaya-Mojokerto Km-44 P.O.Box 115, 61301 Jawa Timur Mojokerto (ID). AN, Chen, Chien [Stateless / apatride/ID]; Jl. Raya Surabaya-Mojokerto Km-44 P.O.Box 115, 61301 Jawa Timur Mojokerto (ID). NURYANTO, [ID/ID]; Jl. Raya Surabaya-Mojokerto Km-44 P.O.Box 115, 61301 Jawa Timur Mojokerto (ID). PRIHARIYADI, Deny [ID/ID]; Jl. Raya Surabaya-Mojokerto Km-44 P.O.Box 115, 61301 Jawa Timur Mojokerto (ID). HERIYANTO, Chandra [ID/ID]; Jl. Raya Surabaya-Mojokerto Km-44 P.O.Box 115, 61301 Jawa Timur Mojokerto (ID).
- (74) ODA, Fujio; 4th FL., Wenping Kanda BLDG. 6-7, Kanda Kajicho 3-chome, Chiyoda-ku, Tokyo 101-0045 (JP).
- (81) CN ID JP KR US.
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- (51)⁷ C08L 13/02, C08F 236/12
(11) WO 03/080722 (13) A1
(21) PCT/JP03/03887
(22) 27 Mar/mar 2003 (27.03.2003)
(25) en (26) en
(30) 2002/88959 27 Mar/mar 2002 JP (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DIP-FORMING COMPOSITION, DIP-FORMED ARTICLE AND PROCESS FOR MAKING SAME
• COMPOSITION DE FORMATION PAR TREMPAGE, ARTICLE AINSI PRODUIT ET PROCÉDE DE FABRICATION
- (71) ZEON CORPORATION [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-1005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OTA, Hisanori [JP/JP]; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP). ONITAKE, Tomomi [JP/JP]; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP). KODAMA, Kazumi [JP/JP]; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (74) UCHIDA, Yukio; Uchida & Associates, Sunny Port Shiba 1005, 5-10, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ C08L 33/04, 51/06, C09K 3/10, F16L 11/04
(11) WO 03/080723 (13) A1
(21) PCT/JP03/03889
(22) 27 Mar/mar 2003 (27.03.2003)
(25) ja (26) ja
- (30) 2002-87947 27 Mar/mar 2002 JP (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • OLEFINIC THERMOPLASTIC ELASTOMER AND MOLDINGS THEREOF
• ELASTOMERE OLEFINIQUE THERMOPLASTIQUE ET MOULAGES OBTEenus AU MOYEN DE CELUI-CI
- (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) SUGIURA, Motoyuki [JP/JP]; 102, Shofukuda, Minowa-cho, Anjo-shi, Aichi 446-0051 (JP). TAMURA, Toru [JP/JP]; 3-211-3, Miyamoto-cho, Handa-shi, Aichi 475-0925 (JP). KANO, Takamitsu [JP/JP]; 10, Aza-Higashishinbata, Oaza-Usaka, Agui-cho, Chita-gun, Aichi 470-2212 (JP). KATO, Toru [JP/JP]; 8, Aza-Nishimon, Taketoyo-cho, Chita-gun, Aichi 470-2345 (JP).
- (74) ONDA, Hironori; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu 500-8731 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C08L 51/04
(11) WO 03/080724 (13) A1
(21) PCT/JP03/03580
(22) 25 Mar/mar 2003 (25.03.2003)
(25) ja (26) ja
(30) 2002-86582 26 Mar/mar 2002 JP (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • RESIN COMPOSITIONS AND MOLDINGS
• COMPOSITIONS DE RESINE ET MOULAGES
- (71) TECHNO POLYMER CO., LTD. [JP/JP]; 18-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MATSUSAKA, Kunio [JP/JP]; c/o Techno Polymer Co., Ltd., 18-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP). MAWATARI, Masaaki [JP/JP]; c/o Techno Polymer Co., Ltd., 18-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
- (74) KOJIMA, Seiji; Atsuta Daidoseimei-Bldg. 2F, 7-26, Jingu 3-chome, Atsuta-ku, Nagoyashi, Aichi 456-0031 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C08L 51/04, C08F 265/04, C08L 77/00, C08K 7/14
(11) WO 03/080725 (13) A1
(21) PCT/US03/08502
(22) 18 Mar/mar 2003 (18.03.2003)
(25) en (26) en
(30) 10/103,028 21 Mar/mar 2002 US (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • FILLED WEATHERABLE COMPOSITIONS HAVING A GOOD SURFACE APPEARANCE
• COMPOSITIONS AVEC CHARGES, STABLES AUX INTEMPERIES ET A BONNE APPARENCE DE SURFACE
- (71) BAYER POLYMERS LLC [US/US]; 100 Bayer Road, Pittsburgh, PA 15205-9741 (US).
- (72) CHANG, Moh-Ching Oliver; 2465 Wedgewood Drive, Wexford, PA 15090 (US).
- (74) PREIS, Aron et al. / etc.; Bayer Polymers LLC, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C08L 63/00, C08K 3/38, 5/50, 5/521, H01L 23/29
(11) WO 03/080726 (13) A1
(21) PCT/JP02/12974
(22) 11 Dec/déc 2002 (11.12.2002)
(25) ja (26) ja
(30) 2002-081363 22 Mar/mar 2002 JP (22.03.2002)
(30) 2002-081347 22 Mar/mar 2002 JP (22.03.2002)
(30) 2002-081386 22 Mar/mar 2002 JP (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • EPOXY RESIN MOLDING MATERIAL FOR ENCAPSULATION AND

ELECTRONIC COMPONENTS AND DEVICES

- MATERIAU DE MOULAGE EN RESINE EPOXY DESTINE A L'ENCAPSULATION ET AUX DISPOSITIFS ET COMPOSANTS ELECTRONIQUES
- (71) **HITACHI CHEMICAL CO., LTD.** [JP/JP]; 1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0449 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **IKEZAWA, Ryouichi** [JP/JP]; c/o HITACHI CHEMICAL CO., LTD., Research & Development Center, 48, Wadai, Tsukuba-shi, Ibaraki 300-4247 (JP). **ABE, Hidenori** [JP/JP]; c/o HITACHI CHEMICAL CO., LTD., Shimodate Works, 1772-1, Oaza Kanakubo, Yuki-shi, Ibaraki 307-0015 (JP). **FUJII, Masanobu** [JP/JP]; c/o HITACHI CHEMICAL CO., LTD., Shimodate Works, 1772-1, Oaza Kanakubo, Yuki-shi, Ibaraki 307-0015 (JP). **HAYASHI, Tomohiro** [JP/JP]; c/o HITACHI CHEMICAL CO., LTD., Shimodate Works, 1772-1, Oaza Kanakubo, Yuki-shi, Ibaraki 307-0015 (JP). **MIYATA, Tomohiro** [JP/JP]; c/o HITACHI CHEMICAL CO., LTD., Shimodate Works, 1772-1, Oaza Kanakubo, Yuki-shi, Ibaraki 307-0015 (JP).
- (74) **MIYOSHI, Hidekazu**; 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **C08L 69/00, C08K 3/34, 5/523**
- (11) **WO 03/080727** (13) A1
- (21) PCT/EP03/02683
- (22) **14 Mar/mar 2003 (14.03.2003)**
- (25) de (26) de
- (30) 102 13 431.6 **26 Mar/mar 2002 DE (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • POLYCARBONATE COMPOSITION WITH MODIFIED SHOCK RESISTANCE, CONTAINING CALCINED TALC
- COMPOSITION DE POLYCARBONATE RENFERMANT DU TALC CALCINE DESTINEE A MODIFIER LA RESISTANCE AU CHOC
- (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).
- (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ **C08L 69/00, C08K 3/34, 5/521, C08L 25/12, 27/12, 33/20**
- (11) **WO 03/080728** (13) A1
- (21) PCT/JP03/03839
- (22) **27 Mar/mar 2003 (27.03.2003)**
- (25) ja (26) ja
- (30) 2002-088309 **27 Mar/mar 2002 JP (27.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FLAME-RETARDANT AROMATIC POLYCARBONATE RESIN COMPOSITION
- COMPOSITION DE RESINE DE POLYCARBONATE AROMATIQUE APYRE
- (71) **TEIJIN CHEMICALS, LTD.** [JP/JP]; 2-2, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIKUCHI, Seiji** [JP/JP]; c/o0-21-203, Moroguchi, Tsurumi-ku, Osaka-shi, Osaka 538-0051 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ **C08L 69/00, C08K 5/01**
- (11) **WO 03/080729** (13) A1
- (21) PCT/US03/08557
- (22) **19 Mar/mar 2003 (19.03.2003)**
- (25) en (26) en
- (30) 60/366,137 **19 Mar/mar 2002 US (19.03.2002)**
- (30) Not furnished / non communiqué **18 Mar/mar 2003 US (18.03.2003)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • RESINOUS COMPOSITIONS, METHOD OF MANUFACTURE THEREOF AND ARTICLES FABRICATED FROM THE COMPOSITION
- COMPOSITIONS RESINEUSES, PROCEDE DE PREPARATION DE CELLES-CI ET ARTICLES FABRIQUES A PARTIR DE CETTE COMPOSITION
- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) **VENDERBOSCH, Robert, Walker**; Grauwe Gans 40, NL-4617 KE Bergen op Zoom (NL). **KERNICK, William, A., III**; 3742 Brayden Drive, Evansville, IN 47711 (US). **BERNSEN, Sjeff, G.**; Sint Felixstraat 19, NL-4411 DB Rilland (NL).
- (74) **WINTER, Catherine, J. et al. / etc.**; General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **C08L 77/00, C09D 177/02, H01B 1/20, C09D 5/24**
- (11) **WO 03/080730** (13) A1
- (21) PCT/US03/08227
- (22) **19 Mar/mar 2003 (19.03.2003)**
- (25) en (26) en
- (30) 60/366,100 **20 Mar/mar 2002 US (20.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CONDUCTIVE POLYMER-BASED MATERIAL
- MATERIAU POLYMERIQUE CONDUCTEUR
- (71) **MICHIGAN BIOTECHNOLOGY INSTITUTE** [US/US]; 3900 Collins Road, Lansing, MI 49810 (US).
- (72) **MC DONALD, William, F.**; 20750 Bell Church Road, Utica, OH 43080 (US). **KOREN, Amy, B.**; 410 W. Lapeer Street, Lansing, MI 48933 (US). **DOURADO, Sunil, K.**; 1517 Jones Drive, Apt. 18, Ann Arbor, MI 48105 (US). **DULEBOHN, Joel, I.**; 3510 West Saginaw, Lansing, MI 48917 (US). **HANCHAR, Robert, J.**; 635 Flanders Road, Charlotte, MI 48813 (US).
- (74) **CARTER, Charles, G.**; Foley & Lardner, 777 East Wisconsin Avenue, 33rd Floor, 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 NI NO NZ OM PH PL PT

RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ C08L 77/00

(11) WO 03/080731 (13) A2

(21) PCT/US03/08999

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 60/366,701 21 Mar/mar 2002 US
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMPATIBILIZED
POLYESTER/POLYAMIDE
BLENDS
• MELANGES DE POLYESTER ET PO-
LYAMIDE RENDUS COMPATIBLES

(71) ADVANCED PLASTICS TECHNOLO-
GIES, LTD. [GB/GB]; Central Chambers,
6 Victoria Street, Douglas, Isle of Man IM1
3LH (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LEE, Robert, A. [GB/GB]; 9 Bucklow
View, Bowdon, Cheshire WA14 3JP (GB).
HUTCHINSON, Gerald, A. [US/US]; 3
Windcroft Drive, Coto de Caza, CA 92679
(US). FARHA, Said [Stateless / apatride/US];
700 Anderson Hill Road, Purchase, NY
10577 (US). THARMAPURAM, Sriram
[IN/US]; 1450 Washington Blvd. #S-909,
Stamford, CT 06902 (US). JABARIN, Saleh
[US/US]; 4816 Sunwood Dr., Toledo, OH
43623 (US).

(74) ALTMAN, Daniel, A.; Knobbe, Martens,
Olson & Bear, LLP, 2040 Main Street, 14th
Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
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) DK DM DZ EC EE
(Utility model / modèle d'utilité) EE ES FI
(Utility model / modèle d'utilité) FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX MZ NI NO NZ
OM PH PL PT RO RU SC SD SE SG SK
(Utility model / modèle d'utilité) SK SL TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C08L 101/00, C08K 5/00, H01L 29/12,
29/786

(11) WO 03/080732 (13) A1

(21) PCT/JP03/03744

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(30) 2002-85593 26 Mar/mar 2002 JP
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ORGANIC SEMICONDUCTOR MATE-
RIAL, ORGANIC SEMICONDUCTOR
STRUCTURE AND ORGANIC SEMI-
CONDUCTOR DEVICE
• MATERIAU SEMI-CONDU-
CTEUR ORGANIQUE, STRUCTURE
SEMI-CONDUCTRICE ORGANIQUE
ET DISPOSITIF SEMI-CONDUCTEUR
ORGANIQUE

(71) DAI NIPPON PRINTING CO., LTD.
[JP/JP]; 1-1, Ichigaya-kaga-cho 1-chome,
Shinjuku-ku, Tokyo 162-8001 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HANNA, Jun-ichi [JP/JP]; 541-4,
Kamiyama-cho, Midori-ku, Yokohama-shi,
Kanagawa 226-0012 (JP). SHIMAKAWA,
Teppe [JP/JP]; 1873-8, Engyo, Fujisawa-shi,
Kanagawa 252-0805 (JP). AKADA,
Masanori [JP/JP]; c/o Dai Nippon Printing
Co., Ltd., 1-1, Ichigaya-kaga-cho 1-chome,
Shinjuku-ku, Tokyo 162-8001 (JP). MAEDA,
Hiroki [JP/JP]; c/o Dai Nippon Printing Co.,
Ltd., 1-1, Ichigaya-kaga-cho 1-chome, Shin-
juku-ku, Tokyo 162-8001 (JP).

(74) YOSHITAKE, Kenji et al. / etc.; Kyowa
Patent & Law Office, Room 323, Fuji Bldg.,
2-3, Marunouchi 3-chome, Chiyoda-ku,
Tokyo 100-0005 (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)⁷ C09B

(11) WO 03/080733 (13) A2

(21) PCT/US03/08346

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/365,587 19 Mar/mar 2002 US
(19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COATING COMPOSITION COM-
PRISING COLLOIDAL SILICA AND
GLOSSY INK JET RECORDING
SHEETS PREPARED THEREFROM

• COMPOSITION DE REVETEMENT
COMPRENANT DE LA SILICE COL-
LOIDALE ET FEUILLES BRILLANTES
D'ENREGISTREMENT PAR JET
D'ENCRE PREPAREES AVEC

(71) W.R. GRACE & CO.-CONN. [US/US];
7500 Grace Drive, Columbia, MD 21044
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FRUGE, Daniel, Ray [US/US]; 2413
Brickton Road, Wilmington, DE 19803 (US).
MICHOS, Demetrius [GR/US]; 13649
Highland Road, Clarksville, MA 21029 (US).

(74) BUNCH, William, D.; W.R. Grace &
Co.-Conn., 7500 Grace Drive, Columbia,
MD 21044 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(s) for all designations / pour toutes les
désignations

(51)⁷ C09B 1/32, 1/514, 1/60, G02B 5/22, C08K
5/18 // 5/375

(11) WO 03/080734 (13) A1

(21) PCT/EP03/02616

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 02405226.8 22 Mar/mar 2002 EP
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ANTHRAQUINONE DYES

• COLORANT D'ANTHRAQUINONE

(71) CIBA SPECIALTY CHEMICALS
HOLDING INC. [CH/CH]; Klybeckstrasse
141, CH-4057 Basel (CH).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LAUK, Urs [CH/CH]; Alfred-Strebel-
weg 15, CH-8047 Zürich (CH). NOWACK,
Patric [DE/DE]; Mauerstrasse 6, 79539 Lör-
rach (DE).

(74) CIBA SPECIALTY CHEMICALS
HOLDING INC.; Patentabteilung 141,
CH-4057 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C09B 1/54, 1/58, 1/56, G02B 5/22, C08K
5/37 // 5/04, 5/16, G02F 1/1335

(11) WO 03/080735 (13) A1

(21) PCT/EP03/02615

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 02405225.0 22 Mar/mar 2002 EP
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ANTHRAQUINONE DYES

• COLORANTS D'ANTHRAQUINONE

(71) CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAUK, Urs [CH/CH]; Alfred-Strebelweg 15, CH-8047 Zürich (CH). NOWACK, Patric [DE/DE]; Mauerstrasse 6, 79539 Lörrach (DE). ARQUINT, Alfons [CH/CH]; Im Rankhof 6, CH-4058 Basel (CH).

(74) CIBA SPECIALTY CHEMICALS HOLDING INC.; Patentabteilung, Klybeckstrasse 141, CH-4057 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 NI NO NZ OM PH PL PT RU RO SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09B 19/00, G01N 33/533, C07D 265/34, 265/38

(11) WO 03/080736 (13) A1

(21) PCT/EP03/02981

(22) 21 Mar/mar 2003 (21.03.2003)

(25) de (26) de

(30) 102 12 960.6 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • USE OF OXAZINE DYES AS MARKING GROUPS FOR SINGLE MOLECULE ANALYSIS

• UTILISATION DE COLORANTS OXAZINE EN TANT QUE GROUPE DE MARQUAGE POUR L'ANALYSE MOLECULAIRE INDIVIDUELLE

(71) GNOTHIS HOLDING SA [CH/CH]; CH-1015 Ecublens (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIGLER, Rudolf [DE/CH]; Rue du Centre 115, CH-1025 St-Sulpice (CH). WINTER, Holger [DE/DE]; Rönthal 1, 48341 Altenberge (DE). KORN, Kerstin [DE/SE]; Bastugatan 25, S-118 25 Stockholm (SE).

(74) WEICKMANN & WEICKMANN et al. / etc.; 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 NI NO NZ OM PH PL PT RU RO SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C09B 29/42, G02B 5/22, C08K 5/3432 // G03F 7/00

(11) WO 03/080737 (13) A1

(21) PCT/EP03/02614

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 02405224.3 22 Mar/mar 2002 EP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AZO DYES

• COLORANTS AZOÏQUES

(71) CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DREIER, Romeo [CH/CH]; Steinenbühl 200, CH-4232 Fehren (CH). LAUK, Urs [CH/CH]; Alfred-Strebelweg 15, CH-8047 Zürich (CH).

(74) CIBA SPECIALTY CHEMICALS HOLDING INC.; Patentabteilung, Klybeckstrasse 141, CH-4057 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 NI NO NZ OM PH PL PT RU RO SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09B 62/006, 62/008, 62/01

(11) WO 03/080738 (13) A1

(21) PCT/EP03/02794

(22) 18 Mar/mar 2003 (18.03.2003)

(25) de (26) de

(30) 102 12 771.9 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • WATER-SOLUBLE REACTIVE MONO- AND DI-AZO DYES

• COLORANTS MONOAZOÏQUES ET DISAZOÏQUES SOLUBLES DANS L'EAU

(71) DYSTAR TEXTILFARBEN GMBH & CO. DEUTSCHLAND KG [DE/DE]; Industriepark Höchst, Gebäude B 598, 65926 Frankfurt am Main (DE).

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(72, 75) MEIER, Stefan [DE/DE]; Geisenheimer Strasse 88, 60529 Frankfurt (DE). RUSS,

Werner [DE/DE]; Bad-Weilbach-Strasse 9, 65439 Flörsheim-Wicker (DE). EHRENBERG, Stefan [DE/DE]; Kelsterbacher Strasse 2c, 60528 Frankfurt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C09B 67/02

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(25) de (26) de

(30) 102 12 769.7 22 Mar/mar 2002 DE (22.03.2002)

(30) 102 12 770.0 22 Mar/mar 2002 DE (22.03.2002)

(30) 102 17 476.8 19 Apr/avr 2002 DE (19.04.2002)

(30) 102 17 478.4 19 Apr/avr 2002 DE (19.04.2002)

(30) 103 09 406.7 5 Mar/mar 2003 DE (05.03.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DYE MIXTURES OF FIBER-REACTIVE AZO DYES, THEIR PRODUCTION AND USE

• MELANGES DE COLORANTS AZOÏQUES REAGISSANT AUX FIBRES, REALISATION ET UTILISATION ASSOCIEES

(71) DYSTAR TEXTILFARBEN GMBH & CO. DEUTSCHLAND KG [DE/DE]; Industriepark Höchst/Gebäude B 598, 65926 Frankfurt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EICHHORN, Joachim [DE/DE]; Hortensienring 17, 65929 Frankfurt am Main (DE). RUSS, Werner [DE/DE]; Bad-Weilbach-Strasse 9, 65439 Flörsheim-Wicker (DE). MEIER, Stefan [DE/DE]; Geisenheimer Strasse 88, 60529 Frankfurt (DE). MROTZECK, Uwe [DE/DE]; Gundelhardstrasse 2, 65779 Kelkheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09B 67/04, 67/10, 67/20, C09D 11/00

(11) WO 03/080740 (13) A1

(21) PCT/US03/08315

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/102,422 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CONTINUOUS PROCESS FOR PREPARING PIGMENT FLUSH

• PROCEDE CONTINU POUR LA PREPARATION DE PIGMENTS PAR VOIE HUMIDE

(71) SUN CHEMICAL CORPORATION [US/US]; 222 Bridge Plaza South, Fort Lee, NJ 07024 (US).

(72) ROBERTSON, George; 9177 Pinewood Drive, Loveland, OH 45140 (US).

(74) PERSLEY, Sidney; 222 Bridge Plaza South, Fort Lee, NJ 07024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C09B 67/22

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(22) 18 Mar/mar 2003 (18.03.2003)

(25) de (26) de

(30) 102 12 772.7 22 Mar/mar 2002 DE (22.03.2002)

(30) 102 17 479.2 19 Apr/avr 2002 DE (19.04.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DYE MIXTURES OF FIBRE REACTIVE AZODYES, PRODUCTION AND USE THEREOF

• MELANGES DE COLORANTS AZOIQUES REAGISSANT AVEC LES FIBRES, LEUR PRODUCTION ET LEUR UTILISATION

(71) DYSTAR TEXTILFARBEN GMBH & CO. DEUTSCHLAND KG [DE/DE]; Industriepark Höchst, Gebäude B 598, 65926 Frankfurt am Main (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EICHHORN, Joachim [DE/DE]; Hortensienring 17, 65929 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09B 67/22, C08K 5/00

(11) WO 03/080742 (13) A1

(21) PCT/EP03/02799

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/367,180 25 Mar/mar 2002 US (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BLACK PIGMENT COMPOSITIONS

• COMPOSITIONS DE PIGMENT NOIR

(71) CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BÄBLER, Fridolin [CH/US]; 509 Stenning Drive, Hockessin, DE 19707 (US).

(74) CIBA SPECIALTY CHEMICALS HOLDING INC.; Patentabteilung, Klybeckstrasse 141, CH-4057 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C09C

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(21) PCT/US03/08619

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(25) en (26) en

(30) 60/365,845 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • STABILIZED INORGANIC PARTICLES

• PARTICULES INORGANIQUES STABILISEES

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 111 Franklin Street, 5th Floor, Oakland, CA 94607-5200 (US).

(72) FENG, Jun; 307 K Street; Apt. 69, Davis, CA 95616 (US). HAMMOCK, Bruce, D.; 3134 Chesapeake Bay Avenue, Davis, CA 95616 (US). KENNEDY, Ian, M.; 2754 Eel Place, Davis, CA 95616 (US). SHAN, Goumin; 413 Ira Way, Carmel, IN 46032 (US). MAQUEIRA, Angel; Plaza de la Libertad, 5, E-46380 Valencia, Cheste (ES).

(74) BERLINER, Robert; Fulbright & Jaworski L.L.P., 29th floor, 865 South Figueroa, Los Angeles, CA 90017-2571 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 1/02, 5/00, C23C 26/00, B32B 9/00 // C03C 17/02

(11) WO 03/080744 (13) A1

(21) PCT/JP03/03855

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(30) 2002-89158 27 Mar/mar 2002 JP (27.03.2002)

(30) 2002-321172 5 Nov/nov 2002 JP (05.11.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HYDROPHILIC FILM, PROCESS FOR PRODUCING THE SAME AND PAINT FOR FORMATION OF HYDROPHILIC FILM

• FILM HYDROPHILE, SON PROCEDE D'OBTENTION ET PEINTURE POUR LA FORMATION D'UN FILM HYDROPHILE

(71) SUMITOMO OSAKA CEMENT CO., LTD. [JP/JP]; 6-28, Rokuban-cho, Chiyoda-ku, Tokyo 102-8465 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIGERU, Keijiro [JP/JP]; c/o Sumitomo Osaka Cement Co., Ltd., 6-28, Rokuban-cho, Chiyoda-ku, Tokyo 102-8465 (JP). MAEDA, Daisaku [JP/JP]; c/o Sumitomo Osaka Cement Co., Ltd., 6-28, Rokuban-cho, Chiyoda-ku, Tokyo 102-8465 (JP).

(74) SHIGA, Masatake et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).

(81) CA CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ C09D 4/06, 5/00

(11) WO 03/080745 (13) A1

(21) PCT/JP03/03438

(22) 20 Mar/mar 2003 (20.03.2003)

(25) ja (26) ja

(30) 2002-80289 22 Mar/mar 2002 JP
(22.03.2002)(30) 2002-155717 29 May/mai 2002 JP
(29.05.2002)(30) 2002-318723 31 Oct/oct 2002 JP
(31.10.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • UV-CURABLE COATING COMPOSITION AND COATED ARTICLES

- COMPOSITION DE REVETEMENT POUVANT ETRE SECHEE SOUS UV ET ARTICLES REVETUS

(71) BASF NOF COATINGS CO., LTD. [JP/JP]; 296, Shimokurata-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0815 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) TSUNODA, Takeshi [JP/JP]; 447-1-103, Shimokurata-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0815 (JP).
MITSUMUNE, Shinji [JP/JP]; 2-8-24-205, Kugenunatachibana, Fujisawa-shi, Kanagawa 251-0024 (JP).

(74) ORIGUCHI, Shingo; 3F, Nishishinbashisugiyura Bldg., 14-7, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) CN IN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C09D 5/00, 5/02, 7/12, 12/5/10, 13/04, 13/04

(11) WO 03/080746 (13) A2

(21) PCT/JP03/01085

(22) 3 Feb/fév 2003 (03.02.2003)

(25) ja (26) ja

(30) 2002-27281 4 Feb/fév 2002 JP
(04.02.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AN AQUEOUS PAINT COMPOSITION OF BAKING-DRYING TYPE

- COMPOSITION DE PEINTURE AQUEUSE DE TYPE SECHANT AU FOUR

(71) AISIN KAKO KABUSHIKI KAISHA [JP/JP]; 1141-1, Aza Okawagahara, Oaza Iino, Fujioka-cho, Nishikamo-gun, Aichi 470-0492 (JP).
TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) SUZUKI, Haruhisa [JP/JP]; c/o AISIN KAKO KABUSHIKI KAISHA, 1141-1, Aza Okawagahara, Oaza Iino, Fujioka-cho, Nishikamo-gun, Aichi 470-0492 (JP).
HIRAKI, Toshimichi [JP/JP]; c/o AISIN KAKO KABUSHIKI KAISHA, 1141-1, Aza Okawagahara, Oaza Iino, Fujioka-cho, Nishikamo-gun, Aichi 470-0492 (JP).
NONOYAMA, Akira [JP/JP]; c/o AISIN KAKO KABUSHIKI KAISHA, 1141-1, Aza Okawagahara, Oaza Iino, Fujioka-cho, Nishikamo-gun, Aichi 470-0492 (JP).
OHASHI, Yutaka [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1,Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).
NAGAOKA, Hidenori [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).

(74) OHKAWA, Hiroshi; Kyoritsu Patent Law Firm, 2-5, Meieki 3-chome, Nakamura-ku, Nagoya-shi, Aichi 450-0002 (JP).

(81) CA CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

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(51)⁷ C09D 5/16, 13/06, C08F 20/10

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(21) PCT/NO03/00095

(22) 20 Mar/mar 2003 (20.03.2003)

(25) no (26) en

(30) 20021491 26 Mar/mar 2002 NO
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FILM-FORMING POLYMER AND ANTI-FOULING PAINT

- POLYMERE FILMOGENE ET PEINTURE ANTISALISSURE

(71) JOTUN AS [NO/NO]; P.O.Box 2021, N-3248 Sandefjord (NO).

(for all designated States except / pour tous les États désignés sauf US)(72, 75) BÖRVE, Anita [NO/NO]; Kalliåsen 23, N-3280 Tjodalyng (NO).
DAHLING, Marit [NO/NO]; Nygårdsvæien 23, N-3214 Sandefjord (NO).
JOHANSEN, Kristin [NO/NO]; Leikvollgate 53, N-3213 Sandefjord (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 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 5/44, C25D 13/04

(11) WO 03/080748 (13) A1

(21) PCT/FR03/00877

(22) 19 Mar/mar 2003 (19.03.2003)

(25) fr (26) fr

(30) 02/03796 26 Mar/mar 2002 FR
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD OF FIXING MACRO-OBJECTS TO AN ELECTRICITY CONDUCTING-OR SEMI-CONDUCTING-SURFACE BY MEANS OF ELECTROGRAFTING, SURFACES THUS OBTAINED AND APPLICATIONS THEREOF

- PROCÉDÉ DE FIXATION DE MACRO-OBJETS SUR UNE SURFACE CONDUCTRICE OU SEMI-CONDUCTRICE DE L'ELECTRICITE PAR ÉLECTRO-GREFFAGE, SURFACES OBTENUES ET APPLICATIONS

(71) COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)(72, 75) BUREAU, Christophe [FR/FR]; 24, rue de la Liberté, F-92150 Suresnes (FR).
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GONZALEZ, José [FR/FR]; 8, allée des Pignons Blancs, F-77820 Le Chatelet en Brie (FR).
PALACIN, Serge [FR/FR]; 21, rue Antoine Coypel, F-78180 Montigny le Bretonneux (FR).

(74) GOULARD, Sophie et al. / etc.; 36, rue de St Petersbourg, 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 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 03/080749 (13) A2

(21) PCT/NL03/00219

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 2002-080995 22 Mar/mar 2002 JP
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CURABLE COMPOSITION, CURED PRODUCT, AND LAMINATE

- COMPOSITION DURCISSABLE, PRODUIT DURCI, ET STRATIFIE

(71) DSM N.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
JSR CORPORATION [JP/JP]; JSR Building, 2-11-24, Tsukiji, Chuo-ku, Tokyo 104-8410 (JP).
JAPAN FINE COATINGS CO., LTD. [JP/JP]; 2-11-24, Tsukiji, Chuo-ku, Tokyo 104-8410 (JP).
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SUZUKI, Yasunobu [JP/JP]; 2-11-24, Tsukiji, Chuo-ku, Tokyo 104-8410 (JP).
YAMAGUCHI, Yoshikazu [JP/JP]; 2-11-24, Tsukiji, Chuo-ku, Tokyo 104-8410 (JP).
TANABE, Takayoshi [JP/JP]; 2-11-24, Tsukiji, Chuo-ku, Tokyo 104-8410 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 109/00, 133/04

(11) WO 03/080750 (13) A1

(21) PCT/JP03/03442

(22) 20 Mar/mar 2003 (20.03.2003)

(25) ja (26) ja

(30) 2002-81764 22 Mar/mar 2002 JP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • WATER-BASED COATING COMPOSITION
• COMPOSITION DE REVETEMENT A BASE D'EAU

(71) NIPPON CARBIDE KOGYO KABUSHIKI KAISHA [JP/JP]; 11-19, Kohnan 2-chome, Minato-ku, Tokyo 108-8466 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAEYAMA, Yoshihiro [JP/JP]; 3-302, 53, Yoneyamaminami-machi, Sano-shi, Tochigi 327-0818 (JP). NAKAGAWA, Shinobu [JP/JP]; Sanoryo, 53, Yoneyamaminami-machi, Sano-shi, Tochigi 327-0818 (JP). UEMAE, Masami [JP/JP]; 3-204, 53, Yoneyamaminami-machi, Sano-shi, Tochigi 327-0818 (JP).

(74) HATORI, Osamu; Akasaka HKN Bldg. 6F, 8-6, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 157/04, 5/02, C08F 216/14

(11) WO 03/080751 (13) A1

(21) PCT/EP03/02403

(22) 10 Mar/mar 2003 (10.03.2003)

(25) de (26) de

(30) 102 12 545.7 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CROSS-LINKABLE DISPERSION RESIN BINDING AGENTS CONTAINING ALLYL ETHER MONOMERS

• LIANTS RESINEUX EN DISPERSION RETICULABLES CONTENANT UN MONOMERE D'ETHER ALLYLIQUE

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MELCHORS, Martin [DE/DE]; Am Sandberg 35, 42799 Leichlingen (DE). GERTZMANN, Rolf [DE/DE]; Karl-Jaspers-Str. 57, 51377 Leverkusen (DE). GROßKOPF, Sandra [DE/DE]; Ziegeleistr. 69, 50181 Bedburg (DE). PIREs, Raul [DE/DE]; Louis-Ferdinand-Str. 6, 50733 Köln (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C09D 175/06, C08G 63/668, 18/42, 63/48, C09D 175/04, C08G 18/70, 18/40, 18/62, C04B 41/48, C08G 18/66, 18/08, 18/44, 18/12, 18/78, C08F 265/04, 265/06, C09D 151/00, C08J 3/03, C08G 18/46, C08L 75/04, C08J 3/00, C08G 18/58, 18/71, 18/76

(11) WO 03/080752 (13) A1

(21) PCT/EP03/02531

(22) 12 Mar/mar 2003 (12.03.2003)

(25) de (26) de

(30) 102 13 229.1 25 Mar/mar 2002 DE (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AQUEOUS TWO-COMPONENT POLYURETHANE SYSTEMS

• SYSTEMES PUR A DEUX COMPOSANTES AQUEUX

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PROBST, Joachim [DE/DE]; Meirowskystr. 8, 51145 Köln (DE). MELCHORS, Martin [DE/DE]; Am Sandberg 35, 42799 Leichlingen (DE). RUTTMANN, Gerhard [DE/DE]; Witzheldener Str. 25, 51399 Burscheid (DE). STINGL, Thomas [DE/DE]; Im Wiesengrund 32, 56410 Montabaur (DE). OTTENSMAHN, Hartmut [DE/DE]; Fahrstr. 220, 40221 Düsseldorf (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C09D 181/04, C08G 77/08, 77/38, 77/12, C08K 5/098, C08G 77/04

(11) WO 03/080753 (13) A1

(21) PCT/EP03/02824

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 0206786.6 22 Mar/mar 2002 GB (22.03.2002)

(30) 0224043.0 16 Oct/oct 2002 GB (16.10.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SILICONE RESINS AND THEIR PREPARATION

• RESINES DE SILICONE ET LEUR PREPARATION

(71) DOW CORNING CORPORATION [US/US]; Midland, MI 48611 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEVALIER, Pierre [FR/GB]; 5 Plymouth Road, Penarth CF64 3DA (GB).

- ROBSON, Steven** [GB/GB]; 6 Glynnne Street, Cardiff CF11 9NS (GB). **OU, Duan, Li** [GB/US]; Apartment 13, 17 Cross Street, Marlborough MA 01752 (US). **DUPONT, Anne** [BE/BE]; 51 Rue Delfosse, 1400 Nivelles (BE).
- (74) **DAVIES, Peter, V. et al.** / etc.; Dow Corning Limited, Cardiff Road, Barry CF63 2YL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement
-
- (51)⁷ **C09D 193/00, 191/06**
- (11) **WO 03/080754** (13) A1
- (21) PCT/KR03/00600
- (22) **26 Mar/mar 2003 (26.03.2003)**
- (25) en (26) en
- (30) 10-2002-0016419 **26 Mar/mar 2002 KR (26.03.2002)**
- (30) 10-2002-0030287 **30 May/mai 2002 KR (30.05.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MULTIPURPOSE, MULTIFUNCTIONAL COATING COMPOSITION
• COMPOSITION DE REVETEMENT POLYVALENTE ET MULTIFONCTIONNELLE
- (71, 72) **SHIN, Jae-Hee** [KR/KR]; 205-1105 Garaksamik apt., 166 Songpa-dong, Songpa-gu, Seoul 138-170 (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **C09K**
- (11) **WO 03/080756** (13) A2
- (21) PCT/US03/08443
- (22) **17 Mar/mar 2003 (17.03.2003)**
- (25) en (26) en
- (30) 60/366,287 **20 Mar/mar 2002 US (20.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • THIXOTROPIC, POROUS, CHEMILUMINESCENT REACTANT COMPOSITION
• COMPOSITION REACTIVE THIXOTROPE, POREUSE, CHIMILUMINESCENTE
- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C09J 4/06, C08F 290/06, C09J 4/00, C08F 222/10**
- (11) **WO 03/080755** (13) A2
- (21) PCT/NL03/00232
- (22) **27 Mar/mar 2003 (27.03.2003)**
- (25) en (26) en
- (30) 2002-089367 **27 Mar/mar 2002 JP (27.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • RADIATION-CURABLE RESIN COMPOSITION FOR ADHESIVES
• COMPOSITION DE RESINE RADIO-DURCISSABLE POUR ADHESIFS
- (71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL). **JSR CORPORATION** [JP/JP]; JSR Building, 2-11-24, Tsukiji, Chuo-ku, Tokyo 104-8410 (JP). **JAPAN FINE COATINGS CO., LTD.** [JP/JP]; 2-11-24, Tsukiji, Chuo-ku, Tokyo 104-8410 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YOSHIZAWA, Junji** [JP/JP]; 2-11-24, Tsukiji, Chuo-ku, Tokyo 104-8410 (JP). **TAKAHASHI, Atsuya** [JP/JP]; 2-11-24, Tsukiji, Chuo-ku, Tokyo 104-8410 (JP). **MASE, Masahito** [JP/JP]; 2-11-24, Tsukiji, Chuo-ku, Tokyo 104-8410 (JP). **KOMIYA, Zen** [JP/JP]; 2-11-24, Tsukiji, Chuo-ku, Tokyo 104-8410 (JP).
- (74) **HOOGENDAM, G., C.**; 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (71) **OMNIGLOW CORPORATION** [US/US]; 96 Windsor Street, West Springfield, MA 01089 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PALMER, William, R.** [—/US]; 3026 Whitetail Drive, Rescue, CA 95672 (US). **PALMER, Stephen, L.** [—/US]; 4391 Cameron Road, Cameron Park, CA 95682 (US).
- (74) **SLAVIN, Michael, A.**; McHale & Slavin, P.A., 4440 PGA Boulevard, Suite 402, Palm Beach Gardens, FL 33410 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C09K 3/14, B24B 37/00**
- (11) **WO 03/080757** (13) A1
- (21) PCT/JP03/03224
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) ja (26) ja
- (30) 2002-081392 **22 Mar/mar 2002 JP (22.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CERIUM BASED ABRASIVE MATERIAL AND METHOD FOR PREPARATION THEREOF
• MATERIAU ABRASIF A BASE DE CERIUM ET PROCEDE DE PREPARATION DE CE MATERIAU
- (71) **MITSUI 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) **MOCHIZUKI, Naoyoshi** [JP/JP]; c/o MITSUI MINING & SMELTING CO., LTD. Engineered Materials Sector Rare Metals Division, 11-1, Osaki 1-chome, Shinagawa-ku, Tokyo 141-8584 (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 HU IE IT LU MC NL PT SE SI SK TR).
-
- (51)⁷ **C09K 11/00**
- (11) **WO 03/080758** (13) A2
- (21) PCT/GB03/01252
- (22) **24 Mar/mar 2003 (24.03.2003)**
- (25) en (26) en
- (30) 0206736.1 **22 Mar/mar 2002 GB (22.03.2002)**

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ELECTROLUMINESCENT DEVICE
• DISPOSITIF ELECTROLUMINESCENT
- (71) ELAM-T LIMITED [GB/GB]; 103 Borough Road, London SE1 0AA (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KATHIRGAMANATHAN, Poopathy [GB/GB]; The Little Lancaster House, 1 Lancaster Road, North Harrow HA2 7NN (GB). GANESHAMURUGAN, Subramaniam [LK/GB]; 135 Antill Road, South Tottenham, London N15 4BB (GB). PARAMASWARA, Gnanamoly [LK/GB]; 19 Southway, Totteridge, London N20 8EB (GB).
- (74) COHEN, Alan, Nicol; 2 Grove Place, Tatsfield, Westerham, Kent TN16 2BB (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C09K 11/06, 19/16, G11B 7/24, C09D 11/00
- (11) WO 03/080759 (13) A1
- (21) PCT/IB02/01152
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NON-VISUALIZED PERMANENT INFORMATION RECORDING SUBSTRATE FOR USE AS SECURITY LABEL FOR AUTHENTICATION
• SUBSTRAT PORTEUR D'INFORMATIONS PERMANENTES NON VISIBLES DESTINE A ETRE UTILISE COMME ETIQUETTE DE SECURITE A DES FINS D'AUTHENTIFICATION
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DAS, Suresh [IN/IN]; Regional Research Laboratory, Trivandrum, Kerala 695 019 (IN). DAVIS, Riju [IN/IN]; Regional Research Laboratory, Trivandrum, Kerala 695 019 (IN).
- (74) GABRIEL, DEVADOSS, CALAB; Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (b)
- 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); (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)
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- (51)⁷ C09K 11/06, H05B 33/14, 33/22
- (11) WO 03/080760 (13) A1
- (21) PCT/JP03/03329
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) ja (26) ja
- (30) 2002-81234 22 Mar/mar 2002 JP (22.03.2002)
- (30) 2002-299810 15 Oct/oct 2002 JP (15.10.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MATERIAL FOR ORGANIC ELECTROLUMINESCENT DEVICES AND ORGANIC ELECTROLUMINESCENT DEVICES MADE BY USING THE SAME
• MATERIAU POUR DISPOSITIFS ELECTROLUMINESCENTS ORGANIQUES ET DISPOSITIFS ELECTROLUMINESCENTS ORGANIQUES PRODUITS AVEC CE MATERIAU
- (71) IDEMITSU KOSAN CO., LTD. [JP/JP]; 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8321 (JP).
- (72) IWAKUMA, Toshihiro; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). YAMAMOTO, Hiroshi; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). HIRONAKA, Yoshio; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). IKEDA, Hidetsugu; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). HOSOKAWA, Chishio; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). TOMITA, Seiji; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). ARAKANE, Takashi; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP).
- (74) OHTANI, Tamotsu et al. / etc.; Bridgestone Toranomon BLDG. 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN IN JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
-
- (51)⁷ C09K 11/06, H05B 33/14, 33/22
- (11) WO 03/080761 (13) A1
- (21) PCT/JP03/03519
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) ja (26) ja
- (30) 2002-083866 25 Mar/mar 2002 JP (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MATERIAL FOR ORGANIC ELECTROLUMINESCENT ELEMENT AND ORGANIC ELECTROLUMINESCENT ELEMENT EMPLOYING THE SAME
• MATERIAU POUR ELEMENT ORGANIQUE ELECTROLUMINESCENT ET ELEMENT ORGANIQUE ELECTROLUMINESCENT L'UTILISANT
- (71) IDEMITSU KOSAN CO., LTD. [JP/JP]; 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8321 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IWAKUMA, Toshihiro [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). HIRONAKA, Yoshio [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). HOSOKAWA, Chishio [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). TOMITA, Seiji [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). ARAKANE, Takashi [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP).
- (74) OHTANI, Tamotsu et al. / etc.; Bridgestone Toranomon BLDG. 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN IN JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ C09K 11/06, H05B 33/14, 33/22
- (11) WO 03/080762 (13) A1
- (21) PCT/JP03/03670
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) ja (26) ja
- (30) 2002-85642 26 Mar/mar 2002 JP (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FUNCTIONAL THIN FILM
• FILM MINCE FONCTIONNEL
- (71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). ASAHI DENKA CO., LTD. [JP/JP]; 2-35, Higashiogu 7-chome, Arakawa-ku, Tokyo 116-8553 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKAHASHI, Tamotsu [JP/JP]; 1-3-404, Nishi 21-chome, Minami 13-jo,

- Chuo-ku, Sapporo-shi, Hokkaido 064-0913 (JP). MURASHI, Kiyoshi [JP/JP]; c/o ASAHI DENKA CO., LTD., 2-35, Higashiogu 7-chome, Arakawa-ku, Tokyo 116-8553 (JP). SAKAMAKI, Koichi [JP/JP]; c/o ASAHI DENKA CO., LTD., 2-35, Higashiogu 7-chome, Arakawa-ku, Tokyo 116-8553 (JP). SHOJI, Yoshikazu [JP/JP]; c/o ASAHI DENKA CO., LTD., 2-35, Higashiogu 7-chome, Arakawa-ku, Tokyo 116-8553 (JP).
- (74) KOBAYASHI, Hiroshi et al. / etc.; Fukuoka Bldg. 9th Fl., 8-7, Yaesu 2-chome, Chuo-ku, Tokyo 104-0028 (JP).
- (81) AU CA CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ C09K 11/08, 11/46
- (11) WO 03/080763 (13) A1
- (21) PCT/IB03/01042
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 02006776.5 25 Mar/mar 2002 EP (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TRI-COLOR WHITE LIGHT LED LAMP
• LAMPE DEL DE LUMIERE BLANCHE TRICOLEUR
- (71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf DE US)
- (71) LUMILEDS LIGHTING [US/US]; 370 W. Trimble Road, MS 91 UK, San Jose, CA 95131 (US).
(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 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 MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)
- (72, 75) JUESTEL, Thomas [DE/DE]; Philips Intellectual Property & Standards GmbH, Weissshausstrasse 2, 52066 Aachen (DE). MAYR, Walter [DE/DE]; Philips Intellectual Property & Standards GmbH, Weissshausstrasse 2, 52066 Aachen (DE). SCHMIDT, Peter, J. [DE/DE]; Philips Intellectual Property & Standards GmbH, Weissshausstrasse 2, 52066 Aachen (DE). MÜLLER, Gerd, O. [DE/DE]; Philips Intellectual Property & Standards GmbH, Weissshausstrasse 2, 52066 Aachen (DE). MÜLLER-MACH, Regina, B. [DE/DE]; Philips Intellectual Property & Standards GmbH, Weissshausstrasse 2, 52066 Aachen (DE).
- (74) VOLMER, Georg; Philips Intellectual Property & Standards GmbH, Weissshausstrasse 2, 52066 Aachen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C09K 11/59, 11/66, 11/65, 11/08, H01L 33/00
- (11) WO 03/080764 (13) A1
- (21) PCT/JP03/03418
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) ja (26) ja
- (30) 2002-80879 22 Mar/mar 2002 JP (22.03.2002)
- (30) 2002-126566 26 Apr/avr 2002 JP (26.04.2002)
- (30) 2002-148555 23 May/mai 2002 JP (23.05.2002)
- (30) 2002-167166 7 Jun/juin 2002 JP (07.06.2002)
- (30) 2002-187647 27 Jun/juin 2002 JP (27.06.2002)
- (30) 2002-226855 5 Aug/août 2002 JP (05.08.2002)
- (30) 2002-348386 29 Nov/nov 2002 JP (29.11.2002)
- (30) 2002-348387 29 Nov/nov 2002 JP (29.11.2002)
- (30) 2002-351634 3 Dec/déc 2002 JP (03.12.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NITRIDE PHOSPHOR AND METHOD FOR PREPARATION THEREOF, AND LIGHT EMITTING DEVICE
• PHOSPHORE DE NITRURE, PROCEDE DE PREPARATION DE PHOSPHORE DE NITRURE ET DIODE ELECTROLUMINESCENTE
- (71) NICHIA CORPORATION [JP/JP]; 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima 774-8601 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAMAKI, Hiroto [JP/JP]; c/o NICHIA CORPORATION, 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima 774-8601 (JP). KAMESHIMA, Masatoshi [JP/JP]; c/o NICHIA CORPORATION, 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima 774-8601 (JP). TAKASHIMA, Suguru [JP/JP]; c/o NICHIA CORPORATION, 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima 774-8601 (JP). YAMADA, Motokazu [JP/JP]; c/o NICHIA CORPORATION, 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima 774-8601 (JP). NAITOU, Takahiro [JP/JP]; c/o NICHIA CORPORATION, 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima 774-8601 (JP).
- (JP). SAKAI, Kazuhiko [JP/JP]; c/o NICHIA CORPORATION, 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima 774-8601 (JP). MURAZAKI, Yoshinori [JP/JP]; c/o NICHIA CORPORATION, 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima 774-8601 (JP).
- (74) ISHII, Hisao et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiro-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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C09K 11/62, 11/08, H05B 33/14
- (11) WO 03/080765 (13) A1
- (21) PCT/JP03/03650
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ja (26) ja
- (30) 2002-87014 26 Mar/mar 2002 JP (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PHOSPHOR THIN FILM, ITS MANUFACTURING METHOD, AND EL PANEL
• FILM MINCE FLUORESCENT, SON PROCEDE DE FABRICATION ET ECRAN ELECTROLUMINESCENT
- (71) TDK CORPORATION [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).
- (72) YANO, Yoshihiko; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). OIKE, Tomoyuki; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). TAKAHASHI, Masaki; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). NAGANO, Katsuto; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).
- (74) HASEGAWA, Yoshiki et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C10B 21/00**

(11) **WO 03/080766** (13) **A2**

(21) PCT/EP03/03244

(22) **27 Mar/mar 2003 (27.03.2003)**

(25) en (26) en

(30) 60/368,066 **27 Mar/mar 2002 US (27.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **PROCESS FOR COMBUSTING COKE**
• **PROCEDE DE COMBUSTION DU COKE**

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; **Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).**
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DIRKKS, Jacobus, Mathias, Hendrikus** [NL/NL]; **Badhuisweg 3, NL-1031 CM Amsterdam (NL).** **HIGGINS, Richard, Joseph** [US/US]; **15536 River Road, Norco, LA 70079 (US).** **SAMSON, Rene** [NL/NL]; **Badhuisweg 3, NL-1031 CM 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 SC SD SE SG SK SL TJ TM TN TR TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C10C 1/08, C07C 15/30, B01D 3/14, C07C 7/04**

(11) **WO 03/080767** (13) **A1**

(21) PCT/IN02/00076

(22) **27 Mar/mar 2002 (27.03.2002)**

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **A PROCESS FOR OBTAINING HIGH PURITY PHENANTHRENE AND A SYSTEM THEREOF**

• **SYSTEME ET PROCEDE D'OBTEINTION DE PHENANTHRENE DE GRANDE PURETE A PARTIR D'UNE FRACTION DE GOUDRON DE HOUILLE ENRICHIE EN PHENANTHRENE**

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; an Indian Registered body incorporated under the Registration of Societies Act (Act XXI of 1860), Rafi Marg, 110 001 New Delhi (IN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TIWARI, Kaushal, Kishore** [IN/IN]; Central Fuel Research Institute, P.O F.R.I. 828 108, Dhanbad, Jharkhand (IN). **RAO,**

Sukuru, Ramakrishna [—/IN]; Central Fuel Research Institute, P.O F.R.I. 828 108, Dhanbad, Jharkhand (IN). **THAKUR, Sanjay, Kumar** [IN/IN]; Central Fuel Research Institute, P.O F.R.I. 828 108, Dhanbad, Jharkhand (IN). **BANERJI, Somnath** [IN/IN]; Central Fuel Research Institute, P.O F.R.I. 828 108, Dhanbad, Jharkhand (IN).

(74) **GABRIEL, DEVADOSS, CALAB; KUMARAN & SAGAR, 84-C, C6 LANE, OFF CENTRAL AVENUE, SAINIK FARMS, 110 062 NEW DELHI (IN).**

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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 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); (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 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); (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 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); (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 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); (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 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); (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 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); (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 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).

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)⁷ **C10G 35/085, 45/62, B01J 23/652**

(11) **WO 03/080768** (13) **A1**

(21) PCT/JP03/03182

(22) **17 Mar/mar 2003 (17.03.2003)**

(25) ja (26) ja

(30) 2002-87443 **27 Mar/mar 2002 JP (27.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **METHOD OF ISOMERIZING HYDRO-CARBON**

• **PROCEDE D'ISOMERISATION D'HYDROCARBURES**

(71) **JAPAN ENERGY CORPORATION** [JP/JP]; **10-1, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).**
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATSUSHITA, Koichi** [JP/JP]; c/o **JAPAN ENERGY CORPORATION, 17-35, Niizo Minami 3-chome, Toda-shi, Saitama 335-0026 (JP).**

(74) **KAGAMI, Norio** et al. / etc.; **AKASAKA Office Heights, 13-5, Akasaka 4-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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C10G 45/00**

(11) **WO 03/080769** (13) **A1**

(21) PCT/US03/08809

(22) **21 Mar/mar 2003 (21.03.2003)**

(25) en (26) en

(30) 10/104,185 **21 Mar/mar 2002 US (21.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **NEW HYDROCRACKING PROCESS FOR THE PRODUCTION OF HIGH QUALITY DISTILLATES FROM HEAVY GAS OILS**

• **NOUVEAU PROCEDE D'HYDROCRAQUAGE POUR LA PRODUCTION DE DISTILLATS DE HAUTE QUALITE A PARTIR DE GAZOLES LOURDS**

(71) **CHEVRON U.S.A. INC.** [US/US]; **6001 Bollinger Canyon Road, Building T, 3rd Floor, San Ramon, CA 9458 (US).**

(72) **MUKHERJEE, Ujjal, K.;** **6 Grove Terrace, Montclair, NJ 07042 (US).** **LOUIE, Wai, Seung, W.;** **1477 E. 16th Street, Brooklyn,**

- NY 11230 (US). DAHLBERG, Arthur, J.; 887 Oxford Way, Benicia, CA 94510 (US). CASH, Dennis, R.; 19 Meadow Lane, Novato, CA 94947 (US).
- (74) PRATER, Penny, L. et al. / etc.; Chevron-texaco Corporation - Law Department, P.O. Box 6006, San Ramon, CA 94583-0806 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C10L 11/06
- (11) WO 03/080770 (13) A1
- (21) PCT/FR02/01027
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) fr (26) fr
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DEVICE FOR LIGHTING A FIRE
• DISPOSITIF POUR L'ALLUMAGE D'UN FEU
- (71, 72) BERNARD, Noel, Marie Luc, Pierre [FR/FR]; 5, rue Boucher de Perthes, F-38000 Grenoble (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)⁷ C10M
- (11) WO 03/080771 (13) A2
- (21) PCT/US02/25512
- (22) 13 Aug/août 2002 (13.08.2002)
- (25) en (26) en
- (30) 60/311,848 14 Aug/août 2001 US (14.08.2001)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SOY-BASED METHYL ESTER HIGH PERFORMANCE METAL WORKING FLUIDS
• FLUIDES DE TRAVAIL DE METAUX HAUTE PERFORMANCE D'ESTER METHYLIQUE A BASE DE SOJA
- (71) UNITED SOY BEAN BOARD [US/US]; 540 Maryville Centre Drive, c/o SMith Bucklin & Associates, LLC, St. Louis, MO 63141 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KING, James, P. [US/US]; 904 Breezewood Lane, Lansdale, PA 19446 (US). CANTER, Neil, M. [US/US]; 1836 Patricia Avenue, Willow Grove, PA 19090 (US).
- (74) GOLLIN, Michael, A. et al. / etc.; Venable, Baetjer, Howard & Civiletti, LLP, 1201 New York Avenue, NW, Suite 1000, Washington, DC 20005-3917 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C10M 145/22, 129/78, 107/32, 105/42, C08G 63/12 // C10N 40:20, 40:22, 40:24
- (11) WO 03/080772 (13) A1
- (21) PCT/US03/08244
- (22) 13 Mar/mar 2003 (13.03.2003)
- (25) en (26) en
- (30) 60/365,651 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • POLYMERIC POLYOL ESTERS FROM TRIHYDRIC POLYOLS FOR USE IN METALWORKING WITH IMPROVED SOLUBILITY
• ESTERS DE POLYOL POLYMERIQUES A PARTIR DE POLYOLS TRIHYDRICQUES UTILES DANS LE TRAVAIL DE METAUX A SOLUBILITE AMELIOREE
- (71) THE LUBRIZOL CORPORATION [US/US]; 29400 Lakeland Blvd., Wickliffe, OH 44092-2298 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PATEL, Harish R. [US/US]; 219 Dares Ferry Road, Spartanburg, SC 29302 (US). KIMES, John A. [US/US]; 1369 Pinecrest Road, Spartanburg, SC 29302 (US).
- (74) LAFERTY, Samuel B. et al. / etc.; The Lubrizol Corporation, Patent Dept.-Mail Drop 022B, 29400 Lakeland Blvd., Wickliffe, OH 44092-2298 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (c)
-
- (51)⁷ C10M 149/04, 149/06, 153/02, 169/04, 177/00 // (C10M 169/04, 101:02, 105:02, 105:32, 149:04, 149:06, 153:02), C10N 20:04, 30:00, 30:06, 40:04, 40:08, 40:25, 70:00
- (11) WO 03/080773 (13) A1
- (21) PCT/JP03/03780
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) ja (26) ja
- (30) 2002-89729 27 Mar/mar 2002 JP (27.03.2002)
- (30) 2002-93681 29 Mar/mar 2002 JP (29.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FRICTION REGULATOR FOR LUBRICATING OIL AND LUBRICATING OIL COMPOSITION
• REGULATEUR DE FROTTEMENTS POUR HUILE DE GRAISSAGE ET COMPOSITION D'HUILE DE GRAISSAGE
- (71) SANYO CHEMICAL INDUSTRIES, LTD. [JP/JP]; 11-1, Ikkyonomotocho, Higashiyama-ku, Kyoto-shi, Kyoto 605-0995 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YUKI, Tsuyoshi [JP/JP]; c/o SANYO CHEMICAL INDUSTRIES, LTD., 11-1, Ikkyonomotocho, Higashiyama-ku, Kyoto-shi, Kyoto 605-0995 (JP). NISHIDA, Minoru [JP/JP]; c/o SANYO CHEMICAL INDUSTRIES, LTD., 11-1, Ikkyonomotocho, Higashiyama-ku, Kyoto-shi, Kyoto 605-0995 (JP).
- (74) YASUTOMI, Yasuo et al. / etc.; Chuo BLDG., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ C10M 169/04, 173/00, 177/00 // (C10M 169/04, 105:22, 125:00) (C10M 173/00, 105:22, 125:00, 129:26), C10N 10:02, 10:04, 10:06, 10:08, 10:14, 10:16, 10:14, 20:04, 20:06, 30:06, 40:24, 50:02, 50:08, 50:08, 70:00
- (11) WO 03/080774 (13) A1
- (21) PCT/JP03/03511
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) ja (26) ja
- (30) 2002-83906 25 Mar/mar 2002 JP (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METAL SOAP-COATED PARTICLE, ARTICLE MADE WITH THE SAME, PROCESS FOR PRODUCTION, LUBRICATING COATING AGENT, AND LUBRICATING COATING FILM

• PARTICULE METALLIQUE ENROBEE DE SAVON, ARTICLE FABRIQUE A PARTIR DE CETTE PARTICULE, PROCEDE DE PRODUCTION, AGENT D'ENROBAGE LUBRIFIANT ET PEL- LICULE D'ENROBAGE LUBRIFIANTE

(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). YOSHIDA, Masayuki [JP/JP]; c/o Nihon Parkerizing Co., Ltd., 15-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP). YAMAGUCHI, Hidehiro [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 JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C11B 1/02, A23L 1/172, 1/10

(11) WO 03/080775 (13) A1

(21) PCT/IB03/01047

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) BO2002A000148 22 Mar/mar 2002 IT (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR CONVERTING GERM

• PROCEDE ET APPAREIL DE TRANSFORMATION DE GERME

(71) IBETECH S.R.L. [IT/IT]; Via San Basilio 44, I-45012 Ariano nel Polesine (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANGELINI, andrea [IT/IT]; Via Alessandri 6, I-40126 Bologna (IT). MENEGATTO, Mario [IT/IT]; Strada Statale Romea 9, I-45019 Taglio di Po (IT). PEDRIELLI, Francesco [IT/IT]; Via M. M. Boiardo 2/D, I-44100 Ferrara (IT).

(74) AGAZZANI, Giampaolo; Agazzani & Associates s.r.l., Via Dell'Angelo Custode 11/6, I-40141 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C11B 3/00, 3/02, 3/16, 1/10

(11) WO 03/080776 (13) A1

(21) PCT/RU02/00107

(22) 21 Mar/mar 2002 (21.03.2002)

(25) ru (26) ru

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR PRODUCING OIL FROM OIL-CONTAINING PLANT RAW MATERIAL, METHOD FOR EXTRACTING AND REFINING OIL AND DEVICE FOR CARRYING OUT SAID METHODS

• PROCEDE DE PRODUCTION D'HUILE A PARTIR DE MATIERES PREMIERES CONTENANT DE L'HUILE, PROCEDE D'EXTRACTION ET DE PURIFICATION ET DISPOSITIF DESTINE A CET EFFET

(71, 72) KARAPUTADZE, Temuri Musae- vich [RU/RU]; ul. Akademika Vargi, 8-1, Moscow, 117133 (RU). DRUZHININ, Sergei Nikolaevich [US/US]; ul. Grabina, 11/2-22, Korolev, 141070 (US). KIM, Afanasy Moiseevich [RU/RU]; ul. Bolshaya Filevskaya, 19/18-1-111, Moscow, 121309 (RU).

(72, 75) KARAPUTADZE, Nino Temurievna [RU/RU]; ul. Akademika Vargi, 8-1, Moscow, 117133 (RU).

(74) TSENTR PO ZACHITE AV- TORISKIKH I PATENTNYH PRAV "PATENTSERVIS" OOO "PERVAYA DELOVAYA KOMPANIYA"; ul. Petrovka, 26-3-228, Moscow, 103051 (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 LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ C11B 9/02

(11) WO 03/080777 (13) A1

(21) PCT/IB02/01205

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ESSENTIAL OIL WITH CITRONEL- LOL AND ROSE OXIDES FROM DRACOCEPHALUM HETEROPHYLLUM BENTH AND A PROCESS THEREOF

• HUILE ESSENTIELLE A BASE DE CITRONELLOL ET D'OXYDES DE ROSE

PROVENANT DE DRACOCEPHALUM HETEROPHYLLUM BENTH ET PROCEDE D'EXTRACTION ASSOCIE

(71) COUNCIL OF SCIENTIFIC AND IN- DUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAUL, Vijay, Kumar [IN/IN]; Insti- tute of Himalayan Bioresource Technology, Palampur 176 061, Himachal Pradesh (IN). MAHMOOD, Umar [IN/IN]; Institute of Him- alayan Bioresource Technology, Palampur 176 061, Himachal Pradesh (IN). AHUJA, Paramvir, Singh [IN/IN]; Institute of Him- alayan Bioresource Technology, Palampur 176 061, Himachal Pradesh (IN). LAL, Brij [IN/IN]; Institute of Himalayan Bioresource Technology, Palampur 176 061, Himachal Pradesh (IN). NEGI, Hans, Raj [IN/IN]; Institute of Himalayan Bioresource Technol- ogy, Palampur 176 061, Himachal Pradesh (IN). SINGH, Virendra [IN/IN]; Institute of Himalayan Bioresource Technology, Palam- pur 176 061, Himachal Pradesh (IN).

(74) GABRIEL, DEVADOSS, CALAB; Ku- maran & Sagar, 84-C, 66 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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)

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)⁷ C11C

(11) WO 03/080778 (13) A2

(21) PCT/US03/08463

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 10/100,443 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHODS FOR TREATING DEODOR- IZER DISTILLATE

• PROCEDES DE TRAITEMENT DE DIS- TILLAT DESODORISANT

- (63) US 10/100,443 (CON)
18 Mar/mar 2002 (18.03.2002)
- (71) I.P. HOLDINGS, L.L.C. [US/US]; 12700 West Dodge Road, Omaha, NE 68154 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COPELAND, Dick [US/US]; 12929 Seward Street, Omaha, NE 68154 (US).
BELCHER, Maurice, W. [US/US]; 16124 Dewey Avenue, Omaha, NE 68154 (US).
- (74) NOE, Jeremy, E.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C11C 3/12, A23D 9/00, 9/02, A23G 1/00, 3/00
- (11) WO 03/080779 (13) A1
- (21) PCT/BE03/00055
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) en (26) en
- (30) PCT/BE02/00045 26 Mar/mar 2002 BE (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • LOW-TRANS FATS FOR CONFECTIONERY AND BAKERY FAT COMPOSITIONS
• COMPOSITIONS DE MATIERE GRASSE A FAIBLE TENEUR EN GRAISSE EN TRANS POUR LA CONFISERIE ET LA BOULANGERIE
- (71) FUJI OIL EUROPE [BE/BE]; Kuhlmannlaan 36, B-9042 Gent (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CLEENEWERCK, Bernard [BE/BE]; Rozenlaan 35, B-9185 Wachtebeke (BE).
SAEY, Karen [BE/BE]; Stroelputstraat 42, B-8210 Veldegem (BE).
VAN DYCK, Marij [BE/BE]; Druifstraat 17, B-9000 Gent (BE).
- (74) LUYTS, Marie-José et al. / etc.; Gevers & Vander Haeghen, Intellectual Property House, Brussels Airport Business Park, Holidaystraat 5, B-1831 Diegem (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations
-
- (51)⁷ C11D 1/83, 1/831, 3/20, 3/02, 3/32, 3/34, 3/33, 3/28, 17/00
- (11) WO 03/080781 (13) A1
- (21) PCT/US03/08361
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 10/103,166 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • LIQUID CLEANING COMPOSITION CONTAINING A PRESERVATIVE AND AN EFFECTIVE CHELATING AGENT
• LIQUIDE DE NETTOYAGE CONTENANT UN AGENT CONSERVATEUR ET UN AGENT CHELATEUR
- (71) COLGATE-PALMOLIVE COMPANY [US/US]; 300 Park Avenue, New York, NY 10022 (US).
- NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (72) MERTENS, Baudouin; Avenue De La Dame, 34, B-5100 Jambes (BE).
DRAPIER, Julien; 12 Avenue Des Puddleurs, B-4100 Seraing (BE).
- (74) NANFELDT, Richard, E.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C11D 1/94, 3/00, 3/39, 3/20
- (11) WO 03/080782 (13) A1
- (21) PCT/US03/08363
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 10/103,302 21 Mar/mar 2002 US (21.03.2002)
- (30) 10/390,541 13 Mar/mar 2003 US (13.03.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MILD ANTIBACTERIAL LIQUID DISH CLEANING COMPOSITIONS CONTAINING PEROXIDE
• LIQUIDE POUR VAISSELLE LEGEREMENT ANTIBACTERIEN A BASE DE PEROXYDE
- (71) COLGATE-PALMOLIVE COMPANY [US/US]; 300 Park Avenue, New York, NY 10022 (US).
- (72) ARVANITIDOU, Evangelia; 40 Curtis Court, Kendall Park, NJ 08824 (US).
SURIANO, David; 7 Cherry Blossom Drive, Monroe Township, NJ 08831 (US).
- (74) NANFELDT, Richard, E.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C11D 1/94, 3/00, 3/20, 3/37
- (11) WO 03/080783 (13) A1
- (21) PCT/US03/08413

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/103,302 21 Mar/mar 2002 US
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ANTIBACTERIAL LIQUID DISH
CLEANING COMPOSITIONS• COMPOSITIONS ANTIBACTERIENNE
LIQUIDE POUR LA VAISSELLE(71) COLGATE-PALMOLIVE COMPANY
[US/US]; 300 Park Avenue, New York, NY
10022 (US).(72) ARVANITIDOU, Evangelia; 40 Curtis
Court, Kendall Park, NJ 08824 (US). SURI-
ANO, David; 7 Cherry Blossom Drive,
Monroe Township, NJ 08831 (US).(74) NANFELDT, Richard, E.; Colgate-Pal-
molive 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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désignations(t) for all designations / pour toutes les
désignations(51)⁷ C11D 1/94, 3/00, 3/20

(11) WO 03/080784 (13) A1

(21) PCT/US03/08617

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/103,302 21 Mar/mar 2002 US
(21.03.2002)(30) 10/350,717 27 Jan/jan 2003 US
(27.01.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FOAMSTABLE ANTIMICROBIAL
LIQUID DISH CLEANING COMPOSI-
TIONS• COMPOSITIONS DÉTERGENTES
LIQUIDES ANTIMICROBIENNES
POUR LA VAISSELLE À MOUSSAGE
STABLE(71) COLGATE-PALMOLIVE COMPANY
[US/US]; 300 Park Avenue, New York, NY
10022 (US).(72) ARVANITIDOU, Evangelia; 40 Curtis
Court, Kendall Park, NJ 08824 (US). SURI-
ANO, David; 7 Cherry Blossom Drive,
Monroe Township, NJ 08831 (US).(74) NANFELDT, Richard, E.; Colgate-Pal-
molive 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

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)⁷ C11D 3/00, 3/37

(11) WO 03/080785 (13) A1

(21) PCT/US03/08360

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/103,464 21 Mar/mar 2002 US
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ANTIMICROBIAL SCALE CLEANING
COMPOSITION• COMPOSITION ANTIBACTERIENNE
ANTI-TARTRE(71) COLGATE-PALMOLIVE COMPANY
[US/US]; 300 Park Avenue, New York, NY
10022 (US).(72) MAHIEU, Marianne; Rue Des Bruy-
eres, 16, B-4630 Ayeneux (BE). ZOCCHI,
Germaine; Rue Du Village, 81, B-4161
Villers-Aux-Tours (BE).(74) NANFELDT, Richard, E.; Colgate-Pal-
molive 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations(t) for all designations / pour toutes les
désignations(51)⁷ C11D 3/00, 1/94, 3/20, 3/37

(11) WO 03/080786 (13) A1

(21) PCT/US03/08416

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/103,302 21 Mar/mar 2002 US
(21.03.2002)(30) 10/331,418 30 Dec/déc 2002 US
(30.12.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ANTIBACTERIAL LIQUID DISH
CLEANING COMPOSITIONS• COMPOSITIONS ANTIBACTE-
RIENNES LIQUIDES POUR LA VAIS-
SELLE(71) COLGATE-PALMOLIVE COMPANY
[US/US]; 300 Park Avenue, New York, NY
10022 (US).(72) ARVANITIDOU, Evangelia; 40 Curtis
Court, Kendall Park, NJ 08824 (US). SURI-
ANO, David; 7 Cherry Blossom Drive,
Monroe Township, NJ 08831 (US).(74) NANFELDT, Richard, E.; Colgate-Pal-
molive 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

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)⁷ C11D 3/14, 3/382, 3/10, 3/12

(11) WO 03/080787 (13) A1

(21) PCT/IB02/01164

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SCOURING POWDER COMPOSITION
AND PROCESS OF PRODUCTION
THEREOF• COMPOSITION DE POUDRE A REC-
URER ET SON PROCEDE DE PRODUC-
TION(71) COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH [IN/IN]; Rafi
Marg, New Delhi 110 001 (IN).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SEN, Raja [IN/IN]; Central Fuel Re-
search Institute, Dhanbad, Uttarakhand
(IN). BHATTACHARJEE, Ujjal [IN/IN];
Central Fuel Research Institute, Dhanbad,
Uttarakhand (IN). CHOUDHURY, Deba,
Priya [IN/IN]; Central Fuel Research Insti-
tute, Dhanbad, Uttarakhand (IN). NANDI,
Lakshmi, Narayan [IN/IN]; Central Fuel

- Research Institute, Dhanbad, Uttarakhand (IN). MAITRA, Saikat [IN/IN]; Central Fuel Research Institute, Dhanbad, Uttarakhand (IN).
- (74) GABRIEL, DEVADOSS, CALAB, KUMARAN & SAGAR; 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Dehli 110 062 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12M 1/34, G01N 33/543, 33/487, 33/50, C12Q 1/02
- (11) WO 03/080789 (13) A1
- (21) PCT/EP03/02252
- (22) 5 Mar/mar 2003 (05.03.2003)
- (25) de (26) de
- (30) 02006978.7 27 Mar/mar 2002 EP (27.03.2002)
- (30) 02016793.8 26 Jul/juil 2002 EP (26.07.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DEVICE AND METHOD FOR DETECTING CELLULAR PROCESSES BY MEANS OF LUMINESCENCE MEASUREMENTS
- DISPOSITIF ET PROCEDE DE DETECTION DE PROCESSUS CELLULAIRES PAR DES MESURES DE LUMINESCENCE
- (71) MICRONAS GMBH [DE/DE]; Hans-Bunte-Strasse 19, 79108 Freiburg (DE). MICRONAS HOLDING GMBH [DE/DE]; Hans-Bunte-Strasse 19, 79108 Freiburg (DE). (for all designated States except / pour tous les États désignés sauf US)
- (71, 72) KLAPPROTH, Holger [DE/DE]; Kehlerstrasse 12, 79108 Freiburg (DE).
- (72, 75) LEHMANN, Mirko [DE/DE]; Runzstrasse 71, 79102 Freiburg (DE).
- (74) BICKEL, Michael; Westphal, Mussgnug & Partner, Mozartstrasse 8, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C11D 3/37, 11/00, C08L 83/14, 83/12
- (11) WO 03/080788 (13) A2
- (21) PCT/EP03/02862
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) de (26) de
- (30) 102 13 020.5 22 Mar/mar 2002 DE (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COMPOSITION CONTAINING ORGANOPOLYSILOXANES, METHOD FOR THE PRODUCTION THEREOF AND USE OF THE SAME
- COMPOSITION CONTENANT DES ORGANOPOLYSILOXANES, SON PROCEDE DE PRODUCTION ET SON UTILISATION
- (71) GE BAYER SILICONES GMBH & CO. KG [DE/DE]; Gebäude V 7, 51368 Leverkusen (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NIENSTEDT, Sabine [DE/DE]; Königstrasse 76, 53115 Bonn (DE). LANGE, Horst [DE/DE]; Tiefbauweg 34, 44879 Bochum (DE). SCHNERING, Albert [DE/DE]; Grunerstrasse 23, 51067 Köln (DE). KROPFGANS, Martin [DE/DE]; Auf dem Broich 22, 51519 Odenthal (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
- RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
-
- (51)⁷ C12M 1/42
- (11) WO 03/080790 (13) A1
- (21) PCT/US03/08217
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) en (26) en
- (30) 10/105,037 20 Mar/mar 2002 US (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ELECTROPORATION CHAMBER
- CHAMBRE D'ELECTROPORATION
- (71) BIO-RAD LABORATORIES, INC. [US/US]; 1000 Alfred Nobel Drive, Hercules, CA 94547 (US).
- (72) KASTE, Keith; 781 Colusa Avenue, El Cerrito, CA 94530 (US). MORRILL, John; 934 Court Street, Alameda, CA 94501 (US).
- (74) HEINES, Henry, M. et al. / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (b)
- Declaration / Déclaration :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL 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)
- (s) for all designations / pour toutes les désignations
- 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations
-
- (51)⁷ C12M 3/04
- (11) WO 03/080791 (13) A2
- (21) PCT/EP03/02971
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) de (26) de
- (30) 102 13 809.5 27 Mar/mar 2002 DE (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CELL SUPPORT AND METHOD FOR PRODUCTION THEREOF
- SUPPORT DE CELLULES ET PROCEDE DE FABRICATION DUDIT SUPPORT
- (71) INNOVACELL BIOTECHNOLOGIE GMBH [AT/AT]; Andreas-Hofer-Strasse 6, A-6020 Innsbruck (AT). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MARKSTEINER, Rainer [AT/AT]; Rennkammgasse 35, A-6130 Schwaz (AT).
- (74) 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 SC SD SE

- SG SK SL TJ TM TN TR TT TZ UA UG US
UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ C12N
- (11) WO 03/080792 (13) A2
- (21) PCT/DE03/00917
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) de (26) de
- (30) 102 12 867.7 22 Mar/mar 2002 DE
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • USE OF UREA-ADJUVATED
POLYPEPTIDES FOR DIAGNOSIS,
PROPHYLAXIS AND TREATMENT
- UTILISATION DE POLYPEPTIDES
AJOUTES A DE L'UREE POUR LE
DIAGNOSTIC, LA PREVENTION ET
LA THERAPIE
- (71, 72) WOLF, Hans [DE/DE]; Josef Jägerhu-
berstrasse 9, 82319 Starnberg (DE).
- (72, 75) DEML, Ludwig [DE/DE];
Schneitwegerstrasse 30, 93128 Regenstau-
f (DE). PÜLLMANN, Kerstin [DE/DE];
Tändlergasse 3, 93047 Regensburg (DE).
- (74) BETTENHAUSEN, Berthold et al. / etc.;
Dehmel & Bettenhausen, 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ C12N
- (11) WO 03/080793 (13) A2
- (21) PCT/KR03/00571
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) ko (26) en
- (30) 10-2002-0015847 23 Mar/mar 2002 KR
(23.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TREATING SOLUTION CONTAINING
ALUMINIUM ION FOR STAINING
PROTEIN AND STAINING METHOD
USING THE SAME
- SOLUTION DE TRAITEMENT CONTE-
NANT DES IONS ALUMINIUM POUR
LA COLORATION DE PROTEINES, ET
PROCEDE DE COLORATION UTILI-
SANT CETTE SOLUTION
- (71, 72) KANG, Chulhun [KR/KR]; 502-1305
Ilsung Apt., Yuljeon-dong, Jangan-gu, Su-
won-si, Gyeonggi-do 440-320 (KR).
- (72, 75) SUH, Myungkoo [KR/KR]; 502-1305
Ilsung Apt., Yuljeon-dong, Jangan-gu, Su-
won-si, Gyeonggi-do 440-320 (KR).
- (74) HWANG, Eui In; 10th Floor, Hankook Tire
Bldg., 647-15 Yoksam-dong, Gangnam-gu,
Seoul 135-723 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ C12N
- (11) WO 03/080794 (13) A2
- (21) PCT/US02/23810
- (22) 26 Jul/juil 2002 (26.07.2002)
- (25) en (26) en
- (30) 60/315,394 27 Aug/août 2001 US
(27.08.2001)
- (30) 60/324,155 20 Sep/sep 2001 US
(20.09.2001)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INHIBITION OF RNA FUNCTION BY
DELIVERY OF INHIBITORS TO ANI-
MAL CELLS
- INHIBITION DE LA FONCTION
D'ARN PAR DELIVRANCE D'IN-
HIBITEURS DANS DES CELLULES
ANIMALES
- (71) MIRUS CORPORATION [US/US]; 505
South Rosa Road, Madison, WI 53719 (US).
- (72) LEWIS, Dave; Madison, WI 53704 (US).
- (74) JOHNSON, Mark, K.; Mirus Corporation,
505 South Rosa Road, Madison, WI 53719
(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)⁷ C12N
- (11) WO 03/080795 (13) A2
- (21) PCT/US02/25485
- (22) 9 Aug/août 2002 (09.08.2002)
- (25) en (26) en
- (30) 60/311,261 9 Aug/août 2001 US
(09.08.2001)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NOVEL NUCLEIC ACIDS AND SE-
CRETED POLYPEPTIDES
- NOUVEAUX ACIDES NUCLÉIQUES
ET POLYPEPTIDES SÉCRÉTÉS
- (71) HYSEQ, INC. [US/US]; 670 Almanor Av-
enue, Sunnyvale, CA 94085 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) TANG, Y., Tom [US/US]; 4230 Ranwick
Court, San Jose, CA 95118 (US). YANG,
Yonghong [CN/US]; 4230 Ranwick Court,
San Jose, CA 95118 (US). WANG, Zhiwei
[CN/US]; 836 Alturas Ave #B36, Sunnyvale,
CA 94085 (US). WENG, Gezhi [US/US];
415 Moraga Avenue, Piedmont, CA 94611
(US). MA, Yunqing [CN/US]; 280 W. Cal-
ifornia Avenue #206, Sunnyvale, CA 94086
(US).
- (74) RIN-LAURES, Li-Hsien et al. / etc.; Hyseq,
Inc., 670 Almanor Avenue, Sunnyvale, CA
94085 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT 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)
-
- (51)⁷ C12N
- (11) WO 03/080796 (13) A2
- (21) PCT/US02/35889
- (22) 8 Nov/nov 2002 (08.11.2002)
- (25) en (26) en
- (30) 60/340,538 8 Nov/nov 2001 US
(08.11.2001)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ORDERED BIOLOGICAL NANOS-
STRUCTURES FORMED FROM CHAP-
ERONIN POLYPEPTIDES
- NANOSTRUCTURES BIOLOGIQUES
ORDONNEES PRODUITES A PARTIR
DE POLYPEPTIDES DE CHAPERON-
INE
- (71) UNITED STATES OF AMERICA, as rep-
resented by THE ADMINISTRATOR OF
THE NATIONAL AERONAUTICS AND
SPACE ADMINISTRATION (NASA)
[US/US]; Washington, DC 220546 (US).
- (71) SETI INSTITUTE [US/US]; 2035 Landings
Drive, Mountain View, CA 94043 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) TRENT, Jonathan, D. [US/US]; 29
Aqua View Drive, Watsonville, CA 95076
(US). McMILLAN, R., Andrew [US/US];
409 Duncan Street, San Francisco, CA 94131
(US). KAGAWA, Hiromi [JP/US]; 555
Manet Terrace, Sunnyvale, CA 94087 (US).
PAAVOLA, Chad, D. [US/US]; 721A Orion
Park, Mountain View, CA 94043 (US).
- (74) PADILLA, Robert, M. et al. / etc.; NASA
Ames Research Center, Mail Stop 202A-4,
Moffett Field, CA 94035-1000 (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 EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 03/080797 (13) A2

(21) PCT/US03/04818

(22) 20 Feb/fév 2003 (20.02.2003)

(25) en (26) en

(30) 60/358,714 25 Feb/fév 2002 US
(25.02.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • 6 HUMAN SECRETED PROTEINS

- PROTEINES SECRETEES HUMAINES
6

(71) HUMAN GENOME SCIENCES, INC.
[US/US]; 9410 Key West Avenue, Rockville,
MD 20850 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ROSEN, Craig, A. [US/US]; 22400
Rolling Hill Lane, Laytonsville, MD 20882
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wing Road, Bethesda, MD 20817 (US).
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more Road, Brookeville, MD 20833 (US).

(74) MARTINEAU, Janet, M. et al. / etc.; Hu-
man Genome Sciences, Inc., 9410 Key West
Avenue, Rockville, MD 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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12N

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(25) en (26) en

(30) 10/105,035 21 Mar/mar 2002 US
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MUSCLE CELLS AND THEIR USE IN
CARDIAC REPAIR

- CELLULES MUSCULAIRES ET LEUR
UTILISATION DANS LA REPARATION
CARDIAQUE

(71) DIACRIN, INC. [US/US]; Building 96, 13th
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(74) GERBER, Monica, R.; Choate, Hall &
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Boston, MA 02109 (US).

(81) AU CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ C12N

(11) WO 03/080799 (13) A2

(21) PCT/US03/08526

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/366,477 21 Mar/mar 2002 US
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • POLYMORPHIC REPETITIVE SE-
QUENCES IN CHLAMYDIAE AND
USES THEREOF

- SEQUENCES REPETITIVES POLY-
MORPHES DANS LA CHLAMYDIA ET
UTILISATIONS ASSOCIEES

(63) US 60/366,477 (CIP)
21 Mar/mar 2002 (21.03.2002)

(71) ACTIVBIOTICS, INC. [US/US]; 128
Spring Street, Suite 5, Lexington, MA 02421
(US).

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(72, 75) DENAMUR, Erick [FR/FR]; 48, bld
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(74) ELBING, Karen, L.; Clark & Elbing LLP,
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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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C12N

(11) WO 03/080800 (13) A2

(21) PCT/US03/08536

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/365,982 20 Mar/mar 2002 US
(20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PREVENTION AND TREATMENT OF
DISEASE USING ANGIOGENE-
SIS-AND/OR TUMOR ANTIGENS

- PREVENTION ET TRAITEMENT DE
MALADIES AU MOYEN D'ANGIOGE-
NESE ET/OU D'ANTIGENES TUMO-
RAUX

(71) AVENTIS PASTEUR, INC. [US/US]; Dis-
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(74) HALLORAN, Patrick, J.; Aventis Pasteur,
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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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C12N

(11) WO 03/080801 (13) A2

(21) PCT/US03/08582

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/365,498 19 Mar/mar 2002 US
(19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ADIPOSE STROMAL STEM CELLS
FOR TISSUE AND VASCULAR MODI-
FICATION

- CELLULES SOUCHES STROMALES
ISSUES DE TISSU ADIPEUX, UTILES
POUR LA MODIFICATION DE TISSUS
ET DE VAISSEAUX

(71) ADVANCED RESEARCH & TECHNOL-
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(74) **RIGAUT, Kathleen, D. et al. / etc.**; Dann, Dorfman, Herrell and Skillman, 1601 Market Street, Suite 720, Philadelphia, PA 19103-2307 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 03/080802** (13) A2

(21) PCT/US03/08610

(22) **21 Mar/mar 2003 (21.03.2003)**

(25) en (26) en

(30) 60/365,794 **21 Mar/mar 2002 US (21.03.2002)**

(30) 60/390,185 **21 Jun/juin 2002 US (21.06.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • NUCLEIC ACID CONSTRUCTS AND METHODS FOR PRODUCING ALTERED SEED OIL COMPOSITIONS

• CONSTRUCTIONS D'ACIDES NUCLÉIQUES ET PROCÉDES DE PRODUCTION DE COMPOSITIONS D'HUILE DE GRAINES MODIFIÉES

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(72) **FILLATTI, Joanne, J.**; 36757 Russel Blvd., Davis, CA 95616 (US). **BRINGE, Neal, A.**; 394 Round Tower Drive, St. Charles, MO 63304 (US). **DEHESH, Katayoon**; 521 Crownpointe Circle, Vacaville, CA 95687 (US).

(74) **MARSH, David, R. et al. / etc.**; ARNOLD & PORTER, Attn: IP Docketing Dept., Room 1126B, 555 Twelfth Street, N.W., Washington, DC 20004-1206 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 03/080803** (13) A2

(21) PCT/US03/08634

(22) **19 Mar/mar 2003 (19.03.2003)**

(25) en (26) en

(30) 60/366,463 **21 Mar/mar 2002 US (21.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHODS OF USING FARNESOID X RECEPTOR (FXR) AGONISTS

• PROCÉDES D'UTILISATION D'AGONISTES DU RECEPTEUR FARNESOÏDE X (FXR)

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19101 (US). **CURAGEN CORPORATION** [US/US]; 555 Long Wharf Drive, New Haven, CT 06511 (US).

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(72, 75) **JONES, Stacey, Ann** [US/US]; GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US). **KLIEWER, Steven, Anthony** [US/US]; 3453 Potomac Avenue, Dallas, TX 75205 (US). **MANSFIELD, Traci, Ann** [US/US]; c/o CuraGen Corporation, 555 Long Wharf Drive, New Haven, CT 06511 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 03/080804** (13) A2

(21) PCT/US03/08641

(22) **18 Mar/mar 2003 (18.03.2003)**

(25) en (26) en

(30) 60/365,258 **18 Mar/mar 2002 US (18.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • REGULATION OF INS(3456)_{P₄} SIGNALING BY A REVERSIBLE KINASE/PHOSPHATASE AND METHODS AND COMPOSITIONS RELATED THERETO

• REGULATION DE SIGNALISATION INS(3456)_{P<SB>4</SB>} PAR KINASE/PHOSPHATASE REVERSIBLE ET PROCÉDES ET COMPOSITIONS ASSOCIÉES A CELLE-CI

(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as represented by THE SECRETARY, DEPARTMENT**

OF HEALTH AND HUMAN SERVICES, NATIONAL INSTITUTES OF HEALTH [US/US]; Office of Technology Transfer, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852-3804 (US). **UNIVERSITY OF BATH** [GB/GB]; Claverton Down, Bath BA2 7AY (GB).

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(74) **DERRICK, Wesley, B. et al. / etc.**; Needle & Rosenberg, P.C., Suite 1000, 999 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 03/080805** (13) A2

(21) PCT/US03/08715

(22) **18 Mar/mar 2003 (18.03.2003)**

(25) en (26) en

(30) 60/366,088 **19 Mar/mar 2002 US (19.03.2002)**

(30) 60/369,248 **29 Mar/mar 2002 US (29.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • KINASES AND PHOSPHATASES

• KINASES ET PHOSPHATASES

(71) **INCYTE CORPORATION (FORMERLY INCYTE GENOMICS, INC.)** [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).

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- (74) HAMLET-COX, Diana et al. / etc.; Incyte Corporation, 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N
- (11) WO 03/080806 (13) A2
- (21) PCT/US03/08840
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 60/365,440 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) ● METHOD FOR PRODUCTION OF NEUTROPHILS AND USES THEREFOR
- PROCEDE DE PRODUCTION DE NEUTROPHILES ET UTILISATIONS DE CES NEUTROPHILES
- (71) NATIONAL JEWISH MEDICAL AND RESEARCH CENTER [US/US]; 1400 Jackson St., Denver, CO 80206 (US). *(for all designated States except / pour tous les États désignés sauf US)*
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- (74) DALLAS, Angela, K. et al. / etc.; Sheridan Ross P.C., 1560 Broadway, Suite 1200, Denver, CO 80202-5141 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 03/080807 (13) A2
- (21) PCT/US03/08892
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 60/366,478 21 Mar/mar 2002 US (21.03.2002)
- (30) 10/301,516 21 Nov/nov 2002 US (21.11.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) ● COMPOSITIONS AND METHODS FOR SUPPRESSING FUKARYOTIC GENE EXPRESSION
- COMPOSITIONS ET METHODES DESTINEES A SUPPRIMER L'EXPRESSION DE GENES EUKARYOTES
- (71) PRESIDENT AND FELLOWS OF HARVARD COLLEGE [US/US]; 17 Quincy Street, Cambridge, MA 02138-3876 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SHI, Yang [CN/US]; 42A St. Paul Street, #3, Brookline, MA 02446 (US). SUL, Guangchao [CN/US]; 157 Pleasant Street, #405, Malden, MA 02148 (US).
- (74) HOLMES, Jennifer, K.; Foley Hoag LLP, 155 Seaport Boulevard, Boston, MA 02210-2698 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK
- MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 03/080808 (13) A2
- (21) PCT/US03/08919
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 60/367,025 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) ● NOVEL COMPOSITIONS AND METHODS IN CANCER
- NOUVELLES COMPOSITIONS ET NOUVEAUX PROCEDES POUR LE CANCER
- (71) SAGRES DISCOVERY [US/US]; Suite 400, 2795 Second Street, Davis, CA 95616 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MORRIS, David, W. [US/US]; 2841 Emerald Bay Drive, Davis, CA 95616 (US).
- (74) BASU, Shantanu 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 03/080809 (13) A2
- (21) PCT/US03/09081
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 60/367,114 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) ● METHODS AND COMPOSITIONS FOR USING ZINC FINGER ENDONUCLEASES TO ENHANCE HOMOLOGOUS RECOMBINATION
- PROCEDES ET COMPOSITIONS PERMETTANT D'UTILISER DES ENDONUCLEASES A DOIGTS DE ZINC POUR AMELIORER LA RECOMBINAISON HOMOLOGUE

- (71) STELL [US/US]; 505 Coast Boulevard South, La Jolla, CA 92037 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LILJEDAHL, Monika [SE/US]; 336 Fern Glen, La Jolla, CA 92037 (US). ASP-LAND, Simon, Eric [GB/US]; 4057 Kendall Street, San Diego, CA 92109 (US). SEGAL, David, J. [US/US]; 4942 Cape May Avenue, San Diego, CA 92107 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 03/080810 (13) A2
- (21) PCT/US03/09141
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 60/365,817 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • α AED AND β AED REGULATION OF NUCLEAR TRANSCRIPTION, GENE REGULATION, AND/OR GENE EXPRESSION
- REGULATION DE TRANSCRIPTION NUCLEAIRE, REGULATION GENIQUE, ET/OU D'EXPRESSION GENIQUE AU MOYEN DE β (A)AED ET DE β (B)AED
- (71, 72) LORIA, Roger, M. [US/US]; 3219 Brook Road, Richmond, VA 23227 (US).
- (74) MUENCHAU, Daryl, D.; Hollis-Eden Pharmaceuticals, Inc., 4435 Eastgate Mall, Suite 400, San Diego, CA 92121 (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 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 1/12
- (11) WO 03/080811 (13) A1
- (21) PCT/KR03/00569
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) ko (26) en
- (30) 10-2002-0016183 25 Mar/mar 2002 KR (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DENATURED SPIRULINA AND MANUFACTURING METHOD THEREOF
- SPIRULINE DENATUREE ET SON PROCEDE DE FABRICATION
- (71) ES BIOTECH CO., LTD. [KR/KR]; 531-18, Songjeong-ri, Byeongcheon-myeon, 330-860 Cheonan-si, Chungcheongnam-do (KR).
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- (72, 75) HAN, Byung-Hoon [KR/KR]; 609-1, Donam-dong, Seongbuk-gu, 136-060 Seoul (KR). PYO, Mi-Kyung [KR/KR]; #402, Bangsan APT, 5-89, Myeongryun-dong 1-ga, Jongno-gu, 110-521 Seoul (KR). YANG, Su-Jin [KR/KR]; 198-27, Maetan2-dong, Paldal-gu, 442-801 Suwon-si, Gyeonggi-do (KR).
- (74) PARK, Sa-Ryong; Rm.301, Chongho Bldg.823-5, Yeoksam 1-dong, Kangnam-gu, Seoul 135-081 (KR).
- (81) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ C12N 1/14, B27K 5/00, C12S 3/08
- (11) WO 03/080812 (13) A1
- (21) PCT/FI03/00238
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) en (26) en
- (30) 20020591 27 Mar/mar 2002 FI (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NOVEL WHITE ROT FUNGUS AND USE THEREOF IN WOOD PRETREATMENT
- NOUVELLE MOISSURE LIGNILOLYTIQUE ET SON UTILISATION DANS LE PRETRAITEMENT DU BOIS
- (71) UNIVERSITY OF HELSINKI [FI/FI]; Yliopistonkatu 4, FIN-00014 Helsingin Yliopisto (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HATAKKA, Annele [FI/FI]; Tulustie 16 B 7, FIN-00670 Helsinki (FI). MAIJALA, Pekka [FI/FI]; Kalervonkatu 8 C 11, FIN-00610 Helsinki (FI). HAKALA, Terhi [FI/FI]; Kipparinkuja 2 F 67, FIN-02320 Espoo (FI). HAUHIO, Leena [FI/FI]; Kolmas Linja 10 E 116, FIN-00530 Helsinki (FI). ELLMÉN, Jouni [FI/FI]; Virpikuja 5 G 56, FIN-01360 Vantaa (FI).
- (74) OY JALO ANT-WUORINEN AB; Iso Roobertinkatu 4-6 A, FIN-00120 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 1/20, A61L 15/36, A61K 35/74, A23C 9/123 // (C12N 1/20, C12R 1:225, 1:23)
- (11) WO 03/080813 (13) A2
- (21) PCT/DK03/00195
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) PA 2002 00435 21 Mar/mar 2002 DK (21.03.2002)
- (30) 60/366,847 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • LACTOBACILLUS STRAINS
- SOUCHES DE LACTOBACILLE
- (71) BIFODAN A/S [DK/DK]; Bogbinderivej 6, DK-3390 Hundested (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MURBRÆK, BRØNDSTAD, Gunnar [NO/NO]; N-7760 Snåsa (NO). BRANDSBORG, Erik [DK/DK]; Bellisvej 21, DK-4300 Holbæk (DK).
- (74) ZACCO DENMARK 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12N 1/20

(11) WO 03/080814 (13) A1

(21) PCT/JP03/03332

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(25) ja (26) ja

(30) 2002-87215 26 Mar/mar 2002 JP
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD OF CONTINUOUS CULTURE OF ANAEROBIC BACTERIUM
• PROCEDE DE CULTURE EN CONTINU DE BACTERIES ANAEROBIES

(71) NEW CENTURY FERMENTATION RESEARCH, LTD. [JP/JP]; 10-1-611, Meimohama 1-chome, Nishi-ku, Fukuoka-shi, Fukuoka 819-0002 (JP). SANWA SHURUI CO., LTD. [JP/JP]; 2231-1, Oaza Yamamoto, Usa-shi, Oita 879-0495 (JP). BARLEY FERMENTATION TECHNOLOGIES, INC. [JP/JP]; 2211, Oaza Yamamoto, Usa-shi, Oita 879-0467 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISHIZAKI, Ayaaki [JP/JP]; 10-1-611, Meimohama 1-chome, Nishi-ku, Fukuoka-shi, Fukuoka 819-0002 (JP). OMORI, Toshiro [JP/JP]; c/o Barley Fermentation, Technologies, Inc., 2211, Ohaza Yamamoto, Usa-shi, Oita 879-0467 (JP). FURUTA, Yoshifumi [JP/JP]; c/o Sanwa Shurui Co., Ltd., 2231-1, Ohaza Yamamoto, Usa-shi, Oita 879-0495 (JP). UMEMOTO, Yasufumi [JP/JP]; c/o Sanwa Shurui Co., Ltd., 2231-1, Ohaza Yamamoto, Usa-shi, Oita 879-0495 (JP).

(74) NISHIZAWA, Toshio; 6F, Mani-Building, 37-10, Udagawa-cho, Shibuya-ku, Tokyo 150-0042 (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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 5/00

(11) WO 03/080815 (13) A2

(21) PCT/EP03/02807

(22) 18 Mar/mar 2003 (18.03.2003)

(25) de (26) de

(30) 102 13 493.6 26 Mar/mar 2002 DE
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR ACTIVATING DENDRITIC CELLS

• PROCEDE D'ACTIVATION DE CELLULES DENDRITIQUES

(71, 72) GRABBE, Stephan [DE/DE]; Von-Esmarch-Str. 105, 48149 Münster (DE).

(74) KELLER, Günter et al. / etc.; Lederer & Keller, Prinzregentenstrasse 16, 80538 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 5/00

(11) WO 03/080816 (13) A2

(21) PCT/GB03/01111

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 0206422.8 19 Mar/mar 2002 GB
(19.03.2002)

(30) 0210458.6 8 May/mai 2002 GB
(08.05.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • STEM CELL CULTURE
• CULTURE DE CELLULES SOUCHES

(71) UNIVERSITY OF SHEFFIELD [GB/GB]; Western Bank, Sheffield S10 2TN (GB).
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(72, 75) ANDREW S, Peter [GB/GB]; University of Sheffield, Western Bank, Sheffield S10 2TN (GB). DRAPER, Jon [GB/GB]; University of Sheffield, Western Bank, Sheffield S10 2TN (GB).

(74) HARRISON GODDARD FOOTE; 31 St. Saviourgate, York YO1 8NQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 5/02, A61K 35/14, A61P 31/04, 35/00, 37/02

(11) WO 03/080817 (13) A1

(21) PCT/JP03/03575

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(30) 2002-84414 25 Mar/mar 2002 JP
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PROCESS FOR PRODUCING CYTOTOXIC LYMPHOCYTE

• PROCEDE DE PRODUCTION DE LYMPHOCYTE CYTOTOXIQUE

(71) TAKARA BIO INC. [JP/JP]; 4-1, Seta 3-chome, Otsu-shi, Shiga 520-2193 (JP).
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(72, 75) SAGAWA, Hiroaki [JP/JP]; 6-32, Nishishibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). IDENO, Mitsuko [JP/JP]; 28-7, Uzumasainui-cho, Ukuyo-ku, Kyoto-shi, Kyoto 616-8176 (JP). KATO, Kunoshin [JP/JP]; 1-1-150, Nanryo-cho, Uji-shi, Kyoto 611-0028 (JP).

(74) HOSODA, Yoshinori; c/o Hosoda International Patent Office, OMM Building 5th Floor, P.O.Box 26, 7-31, Ottemae 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6591 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 5/02, 5/06, 5/08, A61K 35/12, 38/19, A61P 25/00

(11) WO 03/080818 (13) A1

(21) PCT/JP03/03868

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(30) 2002-89624 27 Mar/mar 2002 JP
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD OF INDUCING GROWTH OF NERVE STEM CELLS

• METHODE PERMETTANT D'INDUIRE LA CROISSANCE DES CELLULES SOUCHES NERVEUSES

(71) KEIO UNIVERSITY [JP/JP]; 15-45, Mita 2-chome, Minato-ku, Tokyo 108-8345 (JP).
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(72, 75) TODA, Masahiro [JP/JP]; c/o Keio University School of Medicine, 35, Shinanomachi, Shinjuku-ku, Tokyo 160-8582 (JP). OKANO, Hideyuki [JP/JP]; c/o Keio University School of Medicine, 35, Shinanomachi, Shinjuku-ku, Tokyo 160-8582 (JP). KAWAKAMI, Yutaka [JP/JP]; c/o Keio University School of Medicine, 35, Shinanomachi, Shinjuku-ku, Tokyo 160-8582 (JP). TOYAMA, Yoshiaki [JP/JP]; c/o Keio University School of Medicine, 35, Shinanomachi, Shinjuku-ku, Tokyo 160-8582 (JP). MIKAMI, Yuji [JP/JP]; c/o Keio University School of Medicine, 35, Shinanomachi, Shinjuku-ku, Tokyo 160-8582 (JP). SAKAGUCHI, Masanori [JP/JP]; c/o

Keio University School of Medicine, 35, Shinanomachi, Shinjuku-ku, Tokyo 160-8582 (JP).

- (74) **HIROTA, Masanori**; 3F, Wakabayashi Bldg., 8-5, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US VZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C12N 5/04, C12P 17/18**
- (11) **WO 03/080819** (13) A1
- (21) PCT/IB02/01156
- (22) **26 Mar/mar 2002 (26.03.2002)**
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **PROCESS FOR EFFLUXING BETA-LAINES FROM BETA VULGARIS HAIRY ROOT CULTURES**
- **PROCEDE D'EXTRACTION DE BETA-LAINES A PARTIR DE CULTURES DE RACINES VELUES DE <I>BETA VULGARIS</I>**
- (71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **THIMMARAJU, Rudrappa** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **RAVISHANKAR, Gokare, Aswathanarayana** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **BHAGYALAKSHMI, Neelwarne** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **SURESH, Bhamidi** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **NARAYAN, Mandayam, Ungara** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN).
- (74) **GABRIEL, Devadoss, Calab; Kumaran & Sagar**, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US VZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL 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 HU 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)⁷ **C12N 5/06**
- (11) **WO 03/080820** (13) A2
- (21) PCT/EP03/03013
- (22) **21 Mar/mar 2003 (21.03.2003)**
- (25) en (26) en
- (30) 02090118.7 **21 Mar/mar 2002 EP (21.03.2002)**

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN 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 ES FI FR GB GR HU 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); (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 ES FI FR GB GR HU 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); (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 ES FI FR GB GR HU 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); (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 ES FI FR GB GR HU 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); (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 ES FI FR GB GR HU 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).

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • **MAMMALIAN PERMANENT GROWTH FACTOR-INDEPENDENT CELL LINE AND METHOD OF ITS PRODUCTION**
- **LIGNEE CELLULAIRE PERMANENTE, DE MAMMIFERE, INDEPENDANTE DU FACTEUR DE CROISSANCE ET PROCEDE DE PRODUCTION ASSOCIE**
- (71) **UNIVERSITÄTSKLINIKUM BENJAMIN FRANKLIN DER FREIEN UNIVERSITÄT BERLIN** [DE/DE]; Hindenburgdamm 30, 12200 Berlin (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NOTTER, Michael** [DE/DE]; Potsdamer Str. 31, 12205 Berlin (DE).
- (74) **ZIEBIG, Marlene, K. et al. / etc.**; GULDE HENGELHAUPT ZIEBIG, Schützenstrasse 15 - 17, 10117 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration : (t) for all designations / pour toutes les désignations
-
- (51)⁷ **C12N 5/08, 15/09, A01K 67/027, C12P 21/08, C07K 16/18, C12N 5/18, A61L 27/00**
- (11) **WO 03/080821** (13) A1
- (21) PCT/JP03/03623
- (22) **25 Mar/mar 2003 (25.03.2003)**
- (25) ja (26) ja
- (30) 2002-84280 **25 Mar/mar 2002 JP (25.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **METHOD OF PROLIFERATING HUMAN HEPATOCYTES AND METHOD OF OBTAINING HUMAN HEPATOCYTES**
- **PROCEDE ASSURANT LA PROLIFERATION DES HEPATOCYTES HUMAINS ET PROCEDE D'OBTENTION D'HEPATOCYTES HUMAINS**
- (71) **JAPAN SCIENCE AND TECHNOLOGY CORPORATION** [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). **HIROSHIMA INDUSTRIAL PROMOTION ORGANIZATION** [JP/JP]; 7-47, Senda-machi 3-chome, Naka-ku, Hiroshima-shi, Hiroshima 730-0052 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MUKAIDANI, Chise** [JP/JP]; 6091-11, Misonou, Saijou-cho, Higashihiroshima-shi,

- Hiroshima 739-0024 (JP). **YOSHIZATO, Katsutoshi** [JP/JP]; 22-13, Hachihonmatsu-minami, 7-chome, Higashihi-roshima-shi, Hiroshima 739-0144 (JP).
- (74) **NISHIZAWA, Toshio**; 6F, Mani-Building, 37-10, Udagawa-cho, Shibuya-ku, Tokyo 150-0042 (JP).
- (81) CA CN JP SG US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ C12N 5/08, A61K 35/50, A61P 19/10, 43/00
- (11) WO 03/080822 (13) A1
- (21) PCT/JP03/03760
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) ja (26) ja
- (30) 2002-89996 27 Mar/mar 2002 JP (27.03.2002)
- (30) 2002-295721 9 Oct/oct 2002 JP (09.10.2002)
- (30) 2003-64112 10 Mar/mar 2003 JP (10.03.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PLACENTA-ORIGIN MESENCHYMAL CELLS AND MEDICINAL USE THEREOF
- CELLULES MESENCHYMALES PLACENTAIRE ET LEUR UTILISATION MEDICALE
- (71) **NIPRO CORPORATION** [JP/JP]; 9-3, Honjo-Nishi 3-chome, Kita-ku, Osaka-shi, Osaka 531-8510 (JP). **ASAHI KASEI KABUSHIKI KAISHA** [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-8205 (JP). **ASAHI MEDICAL CO., LTD.** [JP/JP]; 9-1, Kandamitoshiro-cho, Chiyoda-ku, Tokyo 101-8482 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKAHASHI, Tsuneo** [JP/JP]; 5-7-401, Shirokanedai 4-chome, Minato-ku, Tokyo 108-0071 (JP). **WATANABE, Nobukazu** [JP/JP]; 8-11-102, Shirokanedai 2-chome, Minato-ku, Tokyo 108-0071 (JP). **IGURA, Koichi** [JP/JP]; 11-3-305, Kamiosaki 2-chome, Shinagawa-ku, Tokyo 141-0021 (JP).
- (74) **IWATANI, Ryo**; Sakurabashi Chiyoda Build. 5F, 1-27, Dojima 2-chome, Kita-ku, Osaka-shi, Osaka 530-0003 (JP).
- (81) AE AG AL AM AU AZ BA BB BR BY BZ CA CN CO CR CU DM DZ EC GD GE HR ID IL IN IS JP KG KR KZ LC LK LR LT LV MA MD MG MK MN MX NI NO NZ OM PH PL RU SC SG TJ TM TN TT UA US UZ VC 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 7/04
- (11) WO 03/080824 (13) A1
- (21) PCT/AU03/00369
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) en (26) en
- (30) PS 1376 26 Mar/mar 2002 AU (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HEPATITIS B VIRAL PACKAGING SYSTEM
- SYSTEME D'ENCAPSIDATION VIRALE DE L'HEPATITE B
- PH PL RU SC SG TJ TM TN TT UA UZ VC VN YU ZA AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement*
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- (51)⁷ C12N 7/00, A61K 35/76
- (11) WO 03/080823 (13) A2
- (21) PCT/GB03/01190
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 0207021.7 25 Mar/mar 2002 GB (25.03.2002)
- (30) 10/215,056 8 Jul/juil 2002 US (08.07.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ANTI-BACTERIAL AGENTS
- AGENTS ANTI-BACTERIENS
- (71) **UNIVERSITY OF WARWICK** [GB/GB]; Gibbet Hill Road, Coventry CV4 7AL (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RAPSON, Mark, Edward** [GB/GB]; 15 Garrick Close, Eastern Green, Coventry CV5 7NQ (GB). **BURDEN, Faith, Adelaide** [GB/GB]; 57 Colley End Road, Paignton, Devon TQ3 3DQ (GB). **GLANCEY, Liudmilla, Pencheva** [BG/GB]; Grove Farm, Grove Hill, Langham, Essex CO4 5PJ (GB). **HODGSON, David, Allan** [GB/GB]; 221A Daventry Road, Cheylesmore, Coventry CV3 5HH (GB). **MANN, Nicholas, Harold** [GB/GB]; 20 Waller Street, Leamington Spa, Warwickshire CV32 5UP (GB).
- (74) **ELSY, David** et al. / etc.; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (GB).
- (81) AE AG AL AM AT AU AZ BA BB BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N 9/12, 15/54, C12Q 1/48, G01N 33/50, 33/53, A61K 39/00, 38/00
- (11) WO 03/080825 (13) A2
- (21) PCT/EP03/02902
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 60/367,512 27 Mar/mar 2002 US (27.03.2002)
- (30) 60/406,936 30 Aug/août 2002 US (30.08.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • REGULATION OF HUMAN BMP-2 INDUCIBLE KINASE
- REGULATION DE KINASE HUMAINE INDUCIBLE PAR BMP-2
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LIU, Jiing-Ren** [CN/US]; 10 Winslow Road, Belmont Road, MA 02478 (US).
- (74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AU AZ BA BB BR BY BZ CA CN CO CR CU DM DZ EC GD GE HR ID IL IN IS JP KG KR KZ LC LK LR LT LV MA MD MG MK MN MX NI NO NZ OM

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)⁷ C12N 9/16 // (C12N 9/16, C12R 1:865), C12N 1/19 // (C12N 1/19, C12R 1:865) (A2ID 8/04

(11) WO 03/080826 (13) A1

(21) PCT/SE03/00476

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 0200911-6 22 Mar/mar 2002 SE (22.03.2002)

(30) 10/228,785 26 Aug/août 2002 US (26.08.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SACCHAROMYCES CEREVISIAE YEAST STRAIN WITH IMPROVED PHYTASE ACTIVITY

• SOUCHE DE LEVURE <I>SACCHAROMYCES CEREVISIAE</I> A ACTIVITE DE LA PHYTASE AMELIOREE

(71) CHALMERS TECHNOLOGY LICENSING AB [SE/SE]; Stena Center, S-412 92 Göteborg (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SANDBERG, Ann-Soffie [SE/SE]; Alfhöjdsгатan 16, S-431 38 Mölndal (SE). ANDLID, Tomas [SE/SE]; Kalmargatan 48, S-418 71 Göteborg (SE).

(74) STRÖM & GULLIKSSON IP AB; Sjöporten 4, S-417 64 Göteborg (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 9/98, 11/04, C11D 3/386

(11) WO 03/080827 (13) A2

(21) PCT/DK03/00206

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) PA 2002 00473 27 Mar/mar 2002 DK (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • GRANULES WITH FILAMENTOUS COATINGS

• GRANULES A ENROBAGES FILAMENTEUX

(71) NOVOZYMES A/S [DK/DK]; Krogshøjvej 36, DK-2880 Bagsvaerd (DK).

(72) BACH, Poul; Nordvangsparken 48, DK-3460 Birkerød (DK). SIMONSEN, Ole; Runcebergs Allé 3, DK-2860 Soeborg (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/00

(11) WO 03/080828 (13) A2

(21) PCT/EP03/02987

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 02 00 6389.7 21 Mar/mar 2002 EP (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • NUCLEIC ACID MOLECULES INVOLVED IN THE SYNTHESIS OF MELITHIAZOLS

• MOLECULES D'ACIDE NUCLEIQUE INTERVENANT DANS LA SYNTHÈSE DE MELITHIAZOLS

(71) GBF - GESELLSCHAFT FÜR BIOTECHNOLOGISCHEFORSCHUNG M.B.H. [DE/DE]; Mascheroder Weg 1, 38124 Braunschweig (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MÜLLER, Rolf [DE/DE]; Sackstrasse 4, 38302 Wolfenbüttel (DE). WEINIG, Stefan [DE/DE]; Kleiner Zimmerhof 14, 38300 Wolfenbüttel (DE). BLÖCKER, Helmut [DE/DE]; Döringstrasse 16, 38118 Braunschweig (DE). HÖFLE, Gerhard [DE/DE]; Alter Weg 12 A, 38124 Braunschweig (DE). SASSE, Florenz [DE/DE]; Im Rübenkamp 7, 38124 Braunschweig (DE).

(74) VOSSIUS & PARTNER; Siebertstraße 4, 81675 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/00, C12M 1/00, C07H 21/00, G01N 33/50

(11) WO 03/080829 (13) A1

(21) PCT/JP03/03747

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(30) 2002-130183 26 Mar/mar 2002 JP (26.03.2002)

(30) 2003-124520 26 Mar/mar 2003 JP (26.03.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DNA TRAP/RELEASE APPARATUS USING CHANNEL AND METHOD OF TRAPPING AND RELEASING DNA

• DISPOSITIF DE PIEGEAGE/LIBERATION D'ADN UTILISANT UN CANAL, ET PROCEDE DE PIEGEAGE ET DE LIBERATION D'ADN

(71, 72) KIKUCHI, Jun [JP/JP]; 2-14-6, Shirokanedai, Minato-ku, Tokyo 108-0071 (JP). HORIIKE, Yasuhiro [JP/JP]; 3-2-12, Higashihushimi, Nishitokyo-shi, Tokyo 202-0021 (JP). TAKAMURA, Yuzuru [JP/JP]; 401 River Harp Minamisenjyu, 4-9-2 Minamisenjyu, Arakawa-ku, Tokyo 116-0003 (JP).

(72, 75) HAYAMA, Tetsuya [JP/JP]; 2-5-4-202 Sendagi, Bunkyo-ku, Tokyo 113-0022 (JP).

(74) KIKUCHI, Jun; 2-14-6, Shirokanedai, Minato-ku, Tokyo 108-0071 (JP).

(81) AT AU CA CH CN DE DK GB KR NO SE US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C12N 15/09, 1/15, 9/26

(11) WO 03/080830 (13) A1

(21) PCT/JP03/02401

(22) 28 Feb/fév 2003 (28.02.2003)

(25) ja (26) ja

(30) 2002/55853 1 Mar/mar 2002 JP (01.03.2002)

(30) 2002/354670 6 Dec/déc 2002 JP (06.12.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MODIFIED PROMOTER

• PROMOTEUR MODIFIE

(71) AMANO ENZYME INC. [JP/JP]; 2-7, Nishiki 1-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUZUKI, Kanako [JP/JP]; c/o Gifu R & D Center, AMANO ENZYME INC., 179-35, Sue-cho 4-chome, Kakamigahara-shi, Gifu 509-0108 (JP). TSUKAGOSHI, Norihiro [JP/JP]; c/o Nagoya University Graduate School of Bioagricultural Science, Furou-cho, Chikusa-ku, Nagoya-shi, Aichi 464-8601 (JP).

(74) KONISHI, Tomimasa et al. / etc.; 7F, Marunouchi Estate Bldg., 17-12, Marunouchi 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0002 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12N 15/09, A01K 67/027, A61K 45/00, A61P 3/06, 9/00, 9/10, 19/10, 25/14, 25/28, 35/00, 37/02, C07K 14/72, C12P 21/02, C12Q 1/02, 1/68, G01N 33/15, 33/50, 33/53, 33/566 // A61K 31/711, 38/00, 48/00

(11) WO 03/080831 (13) A1

(21) PCT/JP03/03611

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(30) 2002-84560 25 Mar/mar 2002 JP (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • NUCLEAR RECEPTOR ERR_γ3
• RECEPTEUR NUCLEAIRE ERRSG(G)3

(71) FUJISAWA PHARMACEUTICAL CO., LTD. [JP/JP]; 4-7, Dosho-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOJO, Hitoshi [JP/JP]; Berumezon-kamogawa 105, 262, Demizu-cho, Kawaramachi-dori Marutamachi-agaru, Kamigyo-ku, Kyoto-shi, Kyoto 602-0862 (JP). TAJIMA, Kaoru [JP/JP]; 892-1, Yorii, Yorii-cho, Oozato-gun, Saitama 369-1203 (JP). FUKAGAWA, Masao [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Dosho-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). NISHIMURA, Shintaro [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Dosho-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). ISOGAI, Takao [JP/JP]; 511-12, Omuro, Ami-machi, Inashiki-gun, Ibaraki 300-0303 (JP).

(74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C12N 15/09, A23L 1/221, C12N 1/16, 1/19, A23L 1/28

(11) WO 03/080832 (13) A1

(21) PCT/JP03/03715

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(30) 2002-85058 26 Mar/mar 2002 JP (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CANDIDA UTILIS CONTAINING γ -GLUTAMYL CYSTEINE
• CANDIDA UTILIS CONTENANT DE LA SG(G)-GLUTAMYL CYSTEINE

(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) NISHIUCHI, Hiroaki [JP/JP]; C/O AJINOMOTO Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP). NISHIMURA, Yasushi [JP/JP]; C/O AJINOMOTO Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP). KURODA, Motonaka [JP/JP]; C/O AJINOMOTO Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP).

(74) KAWAGUCHI, Yoshiyuki et al. / etc.; Yokoyama Building 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).

(81) BR CN ID JP PH US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ C12N 15/09, A01H 5/00, C12N 1/15, 1/19, 1/21, 5/10, 9/10, C12P 19/38

(11) WO 03/080833 (13) A1

(21) PCT/JP03/03785

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(30) 2002-88770 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • XANTHOSINE METHYLASE AND USE THEREOF
• XANTHOSINE METHYLASE ET UTILISATION

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(71) AVECIA BIOTECHNOLOGY INC. [US/US]; 155 Fortune Boulevard, Milford, MA 01757 (US).

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(71) AVECIA LIMITED [GB/GB]; Hexagon House, Blackley, Manchester M9 8ZS (GB). (only for / seulement pour MN)

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- (72, 75) ZHOU, Mingdong [CN/CN]; No. 328 Bibo Road, Hi-Tech Park, Zhangjiang, Shanghai 201203 (CN).
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- PRODUCTION D'ALLERGENE RECOMBINANT DE *CHENOPODIUM ALBUM* CHE A 1 ET SYSTEME D'ISOLEMENT ET DE PURIFICATION
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- GENE RESISTANT AU GENRE MELOIDOGYNE, ET UTILISATION
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- (71) PEKING UNIVERSITY SCHOOL OF ONCOLOGY [CN/CN]; No.52 Fu-Cheng Road, Haidian District, Beijing 100036 (CN).
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- (72, 75) KE, Yang [CN/CN]; No.52 Fu-Cheng Road, Haidian District, Beijing 100036 (CN).
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- GENE D'ENZYME DETOXIFIANT DE LA ZEARALENONE ET TRANSFORMANT DANS LEQUEL LE GENE EST TRANSFERE
- (71) RIKEN [JP/JP]; 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP).
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- AUGMENTATION DE LA TENEUR EN VITAMINE E DANS DES ORGANISMES PAR AUGMENTATION DE L'ACTIVITE DE LA 2-METHYL-6-PHYTYLHYDROQUINONE-METHYLTRANSFERASE
- (71) SUNGENE GMBH & CO KGAA [DE/DE]; Corrensstr. 3, 06466 Gatersleben (DE).
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- (54) • USE OF TEA LEAF EXTRACT FOR INHIBITING MICROBIAL TRANSFORMANT
- UTILISATION D'UN EXTRAIT DE FEUILLE DE THE POUR INHIBER DES TRANSFORMES MICROBIENS
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg New Delhi 110 001 (IN).
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- (72, 75) SANDAL, Indra [IN/IN]; Institute of Himalayan Bioresource Technology, Palampur, Himachal Pradesh 176 061 (IN). BHATTACHARYA, Amita [IN/IN]; Institute of Himalayan Bioresource Technology, Palampur, Himachal Pradesh 176 061 (IN). GULATI, Ashu [IN/IN]; Institute of Himalayan Bioresource Technology, Palampur, Himachal Pradesh 176 061 (IN). RAVINDRANATH, S.D. [IN/IN]; Institute of Himalayan Bioresource Technology, Palampur, Himachal Pradesh 176 061 (IN). AHUJA, Paramvir, Singh [IN/IN]; Institute of Himalayan Bioresource Technology, Palampur, Himachal Pradesh 176 061 (IN).
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- 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)⁷ C12N 15/86
- (11) WO 03/080846 (13) A1
- (21) PCT/FR03/00916
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) fr (26) fr
- (30) 02/03656 22 Mar/mar 2002 FR (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD OF PRODUCING HIGHTITRE LENTIVIRAL VECTORS
- PROCEDE DE PRODUCTION DE VECTEURS LENTIVIRAUX A HAUT TITRE
- (71) UNIVERSITE DE NANTES [FR/FR]; Présidence de l'Université, 1, quai de Tourville, Boîte postale 13622, F-44035 Nantes Cedex 01 (FR). INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) [FR/FR]; 101, rue de Tolbiac, F-75654 Paris Cédex 13 (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MOULLIER, Philippe [FR/FR]; 1, Impasse de la Grillonnais, F-44115 Basse Goulaine (FR). NEGRE, Didier [FR/FR]; 13 rue des Tuiliers, 69003 Lyon (FR). COSSET, François-Loïc [FR/FR]; Résidence Presquile 2, 304 rue Garibaldi, 69007 Lyon (FR). SALEUN, Sylvie [FR/FR]; 41 rue du Moulin de l'Abbaye, 44100 Nantes (FR). DUISIT, Ghislaine [FR/CA]; 9258 rue Joseph-Melancon, Montreal, Quebec H2M 2H8 (CA).
- (74) ERNEST GUTMANN - YVES PLASSER-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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C12N 15/88, A61K 47/18, C07D 207/12
- (11) WO 03/080847 (13) A1
- (21) PCT/IB02/01148
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CATIONIC AMPHIPHILES FOR INTRACELLULAR DELIVERY OF THERAPEUTIC MOLECULES ITS COMPOSITION, PROCESS AND USE THEREOF
- AMPHIPHILES CATIONIQUES PERMETTANT LA LIBERATION INTRACELLULAIRE DE MOLECULES THERAPEUTIQUES, COMPOSITION LES COMPRENANT, PROCEDE ET LEUR UTILISATION
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KUMAR, Majeti, Bharat [IN/IN]; Indian Institute of Chemical Technology, Hyderabad, Uttar Pradesh 500 007 (IN). CHAUDHURI, Arabinda [IN/IN]; Indian Institute of Chemical Technology, Hyderabad, Uttar Pradesh 500 007 (IN). RAMADAS, Yerramsetti [IN/IN]; Indian Institute of Chemical Technology, Hyderabad, Uttar Pradesh 500 007 (IN). RAO, Nalam, Madhusudhana [IN/IN]; Indian Institute of Chemical Technology, Hyderabad, Uttar Pradesh 500 007 (IN).
- (74) GABRIEL, DEVADOSS, CALAB; Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 001 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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); (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); (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); (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)⁷ C12N 15/88, A61K 9/127

(11) WO 03/080848 (13) A1

(21) PCT/JP03/02779

(22) 10 Mar/mar 2003 (10.03.2003)

(25) ja (26) ja

(30) 2002-83331 25 Mar/mar 2002 JP (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BIOBEADS HAVING FOREIGN GENETIC SUBSTANCE IMMOBILIZED TO CALCIUM ALGINATE
• BILLES BIOLOGIQUES COMPORTANT UNE SUBSTANCE GENETIQUE ETRANGERE IMMOBILISEE SUR DE L'ALGINATE DE CALCIUM

(71) JAPAN AS REPRESENTED BY PRESIDENT OF OSAKA UNIVERSITY [JP/JP]; 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUKUI, Kiichi [JP/JP]; 6-12-3, Tsukumodai, Suita-shi, Osaka 565-0862 (JP). KOBAYASHI, Akio [JP/JP]; 1-10-22, Uenosaka, Toyonaka-shi, Osaka 560-0012 (JP). HARASHIMA, Satoshi [JP/JP]; 3-29-2, Kamihamuro, Takatsuki-shi, Osaka 569-1044 (JP). NAGAMORI, Eiji [JP/JP]; 4-19-36-206, Onohara-higashi, Minoh-shi, Osaka 562-0031 (JP). SONE, Takefumi [JP/JP]; D33-214, 1-2, Fujishiro-dai, Suita-shi, Osaka 565-0873 (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 HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C12P

(11) WO 03/080849 (13) A2

(21) PCT/US03/08878

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 60/366,444 21 Mar/mar 2002 US (21.03.2002)

(30) 10/325,265 19 Dec/déc 2002 US (19.12.2002)

(30) 10/392,942 20 Mar/mar 2003 US (20.03.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • 4-KETOCAROTENOIDS IN FLOWER PETALS
• 4-CETOCAROTENOIDES EXPRIMES DANS DES PETALES DE FLEUR

(71) BALL HORTICULTURAL COMPANY [US/US]; 622 Town Road, West Chicago, IL 60185-2698 (US).

(72) HAUPTMANN, Randal; 458 Burr Oak Drive, Oswego, IL 60543 (US). EISENREICH, Robert; 105 Hickory Street, North Aurora, IL 60542 (US). ESCHENFELDT, William; 40W709 White Fence Way, St. Charles, IL 60174-8528 (US). KHAM-BATTA, Zubin; 14200 Yorktown Drive, Orland Park, IL 60462-2127 (US).

(74) GAMSON, Edward, P. 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12P 7/64

(11) WO 03/080850 (13) A1

(21) PCT/FI03/00236

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 20020593 27 Mar/mar 2002 FI (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PROCESS FOR PREPARING CONJUGATED LINOLEIC ACID
• PROCEDE DE PREPARATION D'ACIDE LINOLEIQUE CONJUGUE

(71) VALIO LTD [FI/FI]; Meijeritie 6, FIN-00370 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAHVASELKÄ, Marjatta [FI/FI]; Adolf Lindforsin tie 7 B 87, FIN-00400 Helsinki (FI). LEHTINEN, Pekka [FI/FI]; Lohansuonkuja 3, FIN-02880 Veikkola (FI). LAAKSO, Simo [FI/FI]; Hemminginkatu 10, FIN-20380 Turku (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) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ C12P 7/64, C11C 3/10

(11) WO 03/080851 (13) A1

(21) PCT/IB02/00830

(22) 21 Mar/mar 2002 (21.03.2002)

(25) ja (26) ja

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD OF TRANSESTERIFICATION OF FAT OR ANALOGUE
• PROCEDE DE TRANSESTERIFICATION DE GRAISSES OU ANALOGUES

(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) SAGI, Nobuo [JP/JP]; Fuji Oil Company, Limited, Hannan Factory, 1, Sumiyoshi-cho, Izumisano-shi, Osaka 598-8540 (JP). OKADA, Tadayuki [JP/JP]; Fuji Oil Company, Limited, Hannan Factory, 1, Sumiyoshi-cho, Izumisano-shi, Osaka 598-8540 (JP). FUKAZAWA, Masayuki [JP/JP]; Fuji Oil Company, Limited, Hannan Factory, 1, Sumiyoshi-cho, Izumisano-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 VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ C12P 21/00, C07K 14/505, A61K 38/18, G01N 33/68

(11) WO 03/080852 (13) A1

(21) PCT/IB02/00971

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PROCESS FOR THE PREPARATION OF A DESIRED ERYTHROPOIETIN GLYCO-ISOFORM PROFILE

• PROCEDE DE PREPARATION DU PROFIL DE GLYCO-ISOFORMES D'ERYTHROPOIETINE RECHERCHE

(71) LEK PHARMACEUTICAL AND CHEMICAL COMPANY D.D. [SI/SI]; Verovskova 57, 1526 Ljubljana (SI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SVETINA, Monica [SI/SI]; Rozna dolina c. IV/30, 1000 Ljubljana (SI). SVETEK, Jelka [SI/SI]; Prusnikova 13, 1000 Ljubljana (SI). GANTAR-KSELA, Mateja [SI/SI]; Sisenka 9, 1000 Ljubljana (SI). BRINC, Matjaz [SI/SI]; Reboljeva 5, 1000 Ljubljana (SI). FRANCKY, Andrej [SI/SI]; Gorazdova 7, 1000 Ljubljana (SI).

(81) 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 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)⁷ C12P 21/06, C12N 15/00, 15/09, 15/63, 15/70, 15/74, A61K 38/00, C07K 2/00, 1/00, 4/00, 5/00, 7/00

(11) WO 03/080853 (13) A1

(21) PCT/US03/08188

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 10/105.613 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • NOVEL COMPOSITIONS AND METHODS IN CANCER ASSOCIATED WITH ALTERED EXPRESSION OF TBX21

• NOUVELLES COMPOSITIONS ET METHODES DE TRAITEMENT D'UN CANCER ASSOCIEES A L'EXPRESSION ALTEREE DE TBX21

(71) SAGRES DISCOVERY [US/US]; 2795 2nd Street, Suite 400, Davis, CA 95616 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORRIS, David, W. [US/US]; 2841 Emerald Bay Drive, Davis, CA 95616 (US). ENGELHARD, Eric, K. [US/US]; 704 Hudson Street, Davis, CA 95616 (US).

(74) BASU, Shantanu; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12P 41/00 // C12N 9/80

(11) WO 03/080854 (13) A2

(21) PCT/EP03/02336

(22) 7 Mar/mar 2003 (07.03.2003)

(25) en (26) en

(30) 102 13 184.8 23 Mar/mar 2002 DE (23.03.2002)

(30) 102 46 156.2 2 Oct/oct 2002 DE (02.10.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PROCESS FOR PREPARING OPTICALLY ACTIVE BETA-AMINOCARBOXYLIC ACIDS FROM RACEMIC N-ACYLATED BETA-AMINOCARBOXYLIC ACIDS

• PROCEDE DE PREPARATION D'ACIDES BETA-AMINOCARBOXYLIQUES OPTIQUEMENT ACTIFS A

PARTIR D'ACIDES BETA-AMINOCARBOXYLIQUES N-ACYLES RACEMIQUES

(71) DEGUSSA AG [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRÖGER, Harald [DE/DE]; Akademiestrasse 31, 63450 Hanau (DE). TRAUTHWEIN, Harald [DE/DE]; Leonrodstrasse 78, 80636 München (DE). DRAUZ, Karlheinz [DE/DE]; Zur Marienruhe 13, 63579 Freigericht (DE). BUCHHOLZ, Stefan [DE/DE]; Am Wiesengrund 1, 63456 Hanau (DE). SACHERER, Christiane [FR/DE]; In den Bleichwiesen 3, 65779 Kelkheim (DE). WERNER, Helge [DE/DE]; Innerer Ring 17, 63486 Bruchköbel (DE).

(74) DEGUSSA AG; Intellectual Property Management, PATENTE und MARKEN, Standort Hanau, Postfach 13 45, 63403 Hanau (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ C12P 41/00, 13/00, C12N 9/06, 15/01, 15/63, 15/53

(11) WO 03/080855 (13) A2

(21) PCT/GB03/01198

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 0206415.2 19 Mar/mar 2002 GB (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DERACEMISATION OF AMINES
• DERACEMISATION D'AMINES

(71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALEXEEVA, Marina, Victorovna [RU/GB]; University of Edinburgh, School

- of Chemistry, King's Building, West Mains Road, Edinburgh EH9 3JJ (GB). ENRIGHT, Alexis [GB/GB]; University of Strathclyde, Department of Pure and Applied Chemistry, 295 Cathedral Street, Glasgow G1 1XL (GB). TURNER, Nicholas, John [GB/GB]; University of Edinburgh, School of Chemistry, King's Building, West Mains Road, Edinburgh EH9 3JJ (GB). MAHMOUDIAN, Mahmoud [GB/GB]; 4, St. Peters Way, London, W5 2QR (GB).
- (74) THORNLEY, Rachel, M. et al. / etc.; GlaxoSmithKline, CN925.1, 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12Q
- (11) WO 03/080857 (13) A2
- (21) PCT/US03/08890
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 60/366,424 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PNA OLIGOMERS, OLIGOMERS SETS, METHODS AND KITS PERTAINING TO THE DETECTION OF BACILLUS ANTHRACIS
- OLIGOMERES PNA, ENSEMBLES D'OLIGOMERES, PROCEDES ET TROUSSES RELATIFS A LA DETECTION DE BACILLUS ANTHRACIS
- (71) BOSTON PROBES, INC. [US/US]; 15 DeAngelo Drive, Bedford, MA 01730 (US).
- (72) STENDER, Henrik; Fasanhaven 5, 2820 Gentofte (DK). HYLDIG-NIELSEN, Jens, J.; 1460 Highland Street, Holliston, MA 01746 (US).
- (74) GILDEA, Brian, D.; Boston Probes, Inc., 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12Q
- (11) WO 03/080856 (13) A2
- (21) PCT/US03/08490
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 60/365,491 19 Mar/mar 2002 US (19.03.2002)
- (30) 60/410,618 13 Sep/sep 2002 US (13.09.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS OF USE
- POLYPEPTIDES THERAPEUTIQUES, ACIDES NUCLEIQUES CODANT POUR CEUX-CI ET METHODES D'UTILISATION ASSOCIEES
- (71) CURAGEN CORPORATION [US/US]; 555 Long Wharf Drive, 11th floor, New Haven, CT 06511 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEPLEY, Denise, M. [US/US]; 51 Church Street, Branford, CT 06405 (US). RIEGER, Daniel, K. [DE/US]; 10A McKinell Court, Branford, CT 06405 (US). TSE, Kam-Fai [CN/US]; 7 Hurd Bridge Road, Apartment 1, Clinton, CT 06413 (US). RASTELLI, Luca [IT/US]; 52 Pepperbush Lane, Guilford, CT 06437 (US). SMITHSON, Glenda [US/US]; 125 Michael Drive, Guilford, CT 06435 (US). MESRI, Mehdi [IR/US]; 153 Monticello Drive, Branford, CT 06405 (US). OOI, Chean, Eng [US/US]; 14 Flax Mill Hollow, Branford, CT 06405 (US). ANDERSON, David, W. [US/US]; 85 Montoya Drive, Branford, CT 06405 (US). GUO, Xiaojia [CN/US]; 713 Robert Frost Drive, Branford, CT 06405 (US). GIOT, Loic [FR/US]; 99 Country Way, Madison, CT 06443 (US). STARLING, Gary [NZ/US]; 45 Robin Court, Middletown, CT 06457 (US).
- (74) ELRIFI, Ivor, R.; Mintz, Levin, Cohn, Ferris, Glovsky, and Popeo, P., C., One Financial Center, Boston, MA 02111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12Q
- (11) WO 03/080858 (13) A2
- (21) PCT/GB03/01262
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) en (26) en
- (30) 0206933.4 23 Mar/mar 2002 GB (23.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SCREENING ASSAY
- ESSAI BIOLOGIQUE PRELIMINAIRE
- (71) MEDICAL RESEARCH COUNCIL [GB/GB]; 20 Park Crescent, London W1B 1AL (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUMPHREY, Timothy, Carter [GB/GB]; Radiation & Genome Stability Unit, Medical Research Council, Harwell, Didcot, Oxfordshire OX11 0RD (GB).
- (74) KEITH, W. NASH & CO; 90-92 Regent Street, Cambridge, CB1 2DP (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12Q 1/02, 1/26, 1/527, 1/48, A61P 43/00
- (11) WO 03/080859 (13) A1
- (21) PCT/EP03/02846
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) de (26) de
- (30) 102 13 332.8 25 Mar/mar 2002 DE (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TRYPTOPHAN AMINOTRANSFERASE, INDOLE-3-PYRUVATE DECARBOXYLASE AND INDOLE-3-ACETALDEHYDE OXIDASE AS NOVEL TARGETS FOR HERBICIDES
- TRYPTOPHANE AMINOTRANSFERASE, INDOL-3-PYRUVATE DECARBOXYLASE ET INDOL-3-ACETALDEHYDE OXIDASE EN TANT QUE NOUVELLES CIBLES D'HERBICIDES
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GROSSMANN, Klaus [DE/DE]; Mainstr. 1, 67141 Neuhofen (DE). SCHIFFER, Helmut [DE/DE]; Am Hofstück 25, 67483 Grossfischlingen (DE). WITSCHHEL, Matthias [DE/DE]; Höhenweg 12b, 67098 Bad Dürkheim (DE). ZAGAR, Cyrill [DE/DE]; Untere Clignetstr. 8, 68167 Mannheim (DE). RENTZEA, Costin [DE/DE]; Richard-Kuhn-Str.1-3, 69123 Heidelberg (DE). MENGES, Markus [DE/DE]; Birkenkopfstr. 41, 34132 Kassel (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR

RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ C12Q 1/68

(11) WO 03/080863 (13) A1

(21) PCT/EP03/03105

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 102 14 232.7 25 Mar/mar 2002 DE
(25.03.2002)

(30) 102 53 068.8 7 Nov/nov 2002 DE
(07.11.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • METHOD FOR THE ANALYSIS OF
METHYLATION PATTERNS WITHIN
NUCLEIC ACIDS BY MEANS OF
MASS SPECTROMETRY

- PROCEDE D'ANALYSE DES CONF-
IGURATIONS DE METHYLATION AU
SEIN D'ACIDES NUCLEIQUES AU
MOYEN DE LA SPECTROMETRIE DE
MASSE

(71) EPIGENOMICS AG [DE/DE]; Kastanien-
allee 24, 10435 Berlin (DE).

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les États désignés sauf US)

(72, 75) BERLIN, Kurt [DE/DE]; Marienkäfer-
weg 4, 14532 Stahnsdorf (DE).

(74) SCHUBERT, Klemens; Neue Promenade 5,
10178 Berlin-Mitte (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ C12Q 1/68, A61K 31/7088, 31/00, A61P
25/00

(11) WO 03/080864 (13) A1

(21) PCT/FR03/00940

(22) 25 Mar/mar 2003 (25.03.2003)

(25) fr (26) fr

(30) 02/03792 26 Mar/mar 2002 FR
(26.03.2002)

(30) 60/372,116 15 Apr/avr 2002 US
(15.04.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • HISTONE DEACETYLASE: NOVEL
MOLECULAR TARGET OF NEURO-
TOXICITY

- HISTONE DEACETYLASE: NOU-
VELLE CIBLE MOLECULAIRE DE LA
NEUROTOXICITE

(71) EXHONIT THERAPEUTICS SA
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(FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SCHWEIGHOFFER, Fabien [FR/FR];
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48, rue Bobillot, F-75013 Paris (FR).

(74) BECKER, Philippe; Becker et Associés, 35,
rue des Mathurins, 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ C12Q 1/68

(11) WO 03/080865 (13) A1

(21) PCT/IB02/01150

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • PRIMERS FOR DETECTING FOOD
POISONING BACTERIA AND A USE
THEREOF

- AMORCES POUR DETECTER DES
BACTERIES QUI CONTAMINENT DES
ALIMENTS, ET LEUR UTILISATION

(71) COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH [IN/IN]; Rafi
Marg, New Delhi 110 001 (IN).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PADMAPRIYA, Banda, Padmanabha
[IN/IN]; Central Food Technological Re-
search Institute, Mysore, Karnataka 570
013 (IN). RAMESH, Aiyagari [IN/IN];
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Institute, Mysore, Karnataka 570 013 (IN).
CHANDRASHEKAR, Arun [IN/IN];
Central Food and Technological Research
Institute, Mysore, Karnataka 570 013 (IN).
VARADARAJ, Mandyam, Chakravarathy
[IN/IN]; Central Food and Technological
Research Institute, Mysore, Karnataka 570
013 (IN).

(74) GABRIEL, DEVADOSS, CALAB; Ku-
maran & Sagar, 84-C, C6 Lane, Off Central
Avenue, Sainik Farms, New Delhi 110 062I
(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 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)

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); (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); (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); (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); (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)⁷ C12Q 1/68

(11) WO 03/080866 (13) A1

(21) PCT/IB02/01162

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • NOVEL PRIMERS FOR IDENTIFYING
AFLATOXINOGENIC ASPERGILLI
AND AN IMPROVED USE THEREOF

- NOUVELLES AMORCES UTILES POUR IDENTIFIER LES ASPERGILUS AFLATOXINOGENES ET UTILISATION AMELIOREE DE CES DERIVIERES

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg New Delhi 110 001 (IN).

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(72, 75) MANONMANI, Haravey, Krishnan [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). CHANDRASHEKAR, Arun [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). RAO, Eddiya, Rati [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN).

(74) GABRIEL, DEVADOSS, CALAB; Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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 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)

(51)⁷ C12Q 1/68

(11) WO 03/080867 (13) A1

(21) PCT/IB02/01213

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • NOVEL PRIMERS FOR SCREENING SCHIZOPHRENIA AND A METHOD THEREOF

- NOUVELLES AMORCES DE CRIBLAGE DE LA SCHIZOPHRENIE ET METHODE ASSOCIEE

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, 110 001 New Delhi (IN).

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(72, 75) BRAHMACHARI, Samir, Kumar [IN/IN]; Central for Biochemical Technology, Mall Road, 110 007 Delhi (IN).

RANJANA, Verma [IN/IN]; Central for Biochemical Technology, Mall Road, 110 007 Delhi (IN). CHITRA, Chauhan [IN/IN]; Central for Biochemical Technology, Mall Road, 110 007 Delhi (IN). Q., Salim [IN/IN]; Central for Biochemical Technology, Mall Road, 110 007 Delhi (IN). S., Jain [IN/IN]; Central for Biochemical Technology, Mall Road, 110 007 Delhi (IN).

(74) GABRIEL, DEVADOSS, CALAB; Kumaran & Sagar, 84-c, C6 Lane, Off Central Avenue, Sainik Farms, 110 062 New Delhi (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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 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)

(51)⁷ C12Q 1/68, G11B 17/00

(11) WO 03/080868 (13) A1

(21) PCT/KR03/00613

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ko (26) en

(30) 10-2002-0017558 27 Mar/mar 2002 KR (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BIO-DISC, BIO-DRIVER APPARATUS, AND ASSAY METHOD USING THE SAME

- BIODISQUE, APPAREIL DE BIOLECTEUR, ET PROCEDURE D'ESSAI FAISANT APPEL A CEUX-CI

(71, 72) YOO, Jae-Chern [KR/KR]; 231-1103 Green Apt., Jigok-dong, Nam-gu, Pohang-city, Kyungsangbuk-do 790-752 (KR).

(74) LEE, Young-Pil; The Cheonghwa Building, 1571-18, Seocho-dong Seocho-gu, Seoul 137-874 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/NL03/00491

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(25) en (26) en

(30) 02077697.7 4 Jul/juil 2002 EP (04.07.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • STORING AND DETECTING NUCLEIC ACID ADMINISTERED TO A SOLID CARRIER

- STOCKAGE ET DETECTION D'UNE ACIDE NUCLEIQUE APPLIQUEE SUR UN SUPPORT SOLIDE

(71) PRIMAGEN HOLDING B.V. [NL/NL]; Meibergdreef 59, NL-1105 BA Amsterdam (NL).

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(72, 75) DE ROOIJ, Esther, Regina [NL/NL]; Hondsdraf 8, NL-3755 TC Eemnes (NL). DE BAAR, Marinus, Petrus [NL/NL]; Ina Boudier-Bakkerlaan 117-3, NL-3582 XP Utrecht (NL).

(74) PRINS, A.W.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12Q 1/68, C12P 19/34, C07H 21/00, 21/02

(11) WO 03/080870 (13) A1

(21) PCT/US03/10111

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 10/102,513 20 Mar/mar 2002 US (20.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • POLYNUCLEOTIDE PRIMERS AND PROBES FOR RAPID DETECTION OF GROUP B STREPTOCOCCUS (GBS)
- AMORCES ET SONDÉS POLYNUCLEOTIDIQUES POUR UNE DETECTION RAPIDE DE STREPTOCOQUE DU GROUPE B (SGB)
- (71) HANDYLAB [US/US]; 3985 Research Park Drive, Suite 100, Ann Arbor, MI 48108 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WU, Betty [US/US]; 48295 Red Run Drive, Canton, MI 48187 (US). KURNOOL, Purnima [US/US]; 1478 Knightsbridge, Canton, MI 48187 (US).
- (74) MALLON, Veronica; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12Q 1/70
- (11) WO 03/080871 (13) A2
- (21) PCT/EP03/01197
- (22) 6 Feb/fév 2003 (06.02.2003)
- (25) de (26) de
- (30) 102 13 537.1 26 Mar/mar 2002 DE (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND DIFFERENTIATION OF MYCOBACTERIUM TUBERCULOSIS COMPLEX
- PROCEDE ET DIFFERENCIATION DU COMPLEXE MYCOBACTERIUM TUBERCULOSIS
- (71) HAIN LIFESCIENCE GMBH [DE/DE]; Hardwiesenstrasse 1, 72147 Nehren (DE). *(only for / seulement pour US)*
- (72, 75) WEIZENEGGER, Michael [DE/DE]; Johann-Philipp-Bronner-Strasse 24/1, 69168 Wiesloch (DE).
- (74) GODDAR, Heinz; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C14C 1/00, C12S 7/00, C12N 9/24, 1/14
- (11) WO 03/080873 (13) A1
- (21) PCT/GB03/01113
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 0206464.0 19 Mar/mar 2002 GB (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CLEANING ANIMAL SKINS
- NETTOYAGE DE PEAUX ANIMALES
- (71) KLENZYME LTD [GB/GB]; University of Westminster, 309 Regent Street, London W19 2UW (GB). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) COVINGTON, Anthony, Dale [GB/GB]; British School of Leather Technology, Boughton Green Road, Northampton NN2 7AL (GB). EVANS, Christine, Stella [GB/GB]; University of Westminster, 115 New Cavendish Street, London W1M 8JS (GB).
- (74) BROOKES BATCHELLOR; 102-108 Clerkenwell Road, London, EC1M 5SA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C21B 13/12, C22B 5/14, 23/00, 34/22, 34/32, 34/36, H05B 3/60
- (11) WO 03/080874 (13) A1
- (21) PCT/US03/08347
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 60/365,676 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROCESS AND APPARATUS FOR THE DIRECT REDUCTION OF IRON OXIDES IN AN ELECTROTHERMAL FLUIDIZED BED AND RESULTANT PRODUCT
- PROCEDE ET APPAREIL DE REDUCTION DIRECTE D'OXYDES DE FER
-
- NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C13K 13/00, C13D 3/14, C13J 1/06 // B01J 41/06
- (11) WO 03/080872 (13) A1
- (21) PCT/FI03/00232
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) en (26) en
- (30) 20020592 27 Mar/mar 2002 FI (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SEPARATION OF SUGARS, SUGAR ALCOHOLS, CARBOHYDRATES AND MIXTURES THEREOF
- SEPARATION DE SUCRES, D'ALCOOLS DE SUCRES, D'HYDRATES DE CARBONE ET DE MELANGES DE CEUX-CI
- (71) DANISCO SWEETENERS OY [FI/FI]; Keilaranta 9, FIN-02150 Espoo (FI). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HEIKKILÄ, Heikki [FI/FI]; Ristiniementie 32 G 33, FIN-02320 Espoo (FI). SARMALA, Päivi [FI/FI]; Harju 1 A 3, FIN-02460 Kantvik (FI). KÄRKI, Ari [FI/FI]; Puistokatu 1 A 1, FIN-08150 Lohja (FI). MÄYRÄ, Nina [FI/FI]; Tammitie 20 A 17, FIN-00330 Helsinki (FI). PAANANEN, Hannu [FI/FI]; Niitypolku 14, FIN-02560 Kantvik (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

DANS UN LIT FLUIDISE ELECTRO-THERMIQUE ET PRODUIT RESULTANT

(71) SUPERIOR GRAPHITE CO. [US/US]; 10 South Riverside Plaza, Chicago, IL 60606 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOLDBERGER, William, M. [US/US]; 1620 Broad Street -#703, Columbus, OH 43203 (US). ZAK, Mark, S. [US/US]; 11 Bedford Avenue -#K-3, Norwalk, CT 06850 (US).

(74) HELLER, Stephen, B.; Cook, Alex, McFar-ron, Manzo, Cummings & Mehler, Lt, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C21D

(11) WO 03/080875 (13) A2

(21) PCT/IB03/02306

(22) 26 Mar/mar 2003 (26.03.2003)

(25) nl (26) en

(30) 1020251 26 Mar/mar 2002 NL (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR TRANSFERRING WIRE PIECES

• DISPOSITIF PERMETTANT DE TRANSFERER DES ELEMENTS DE FIL

(71) NEDSCHROEF HERENTALS N.V. [BE/BE]; Brigandsstraat 10, B-2200 Herentals (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOORELBEKE, Luc [BE/BE]; Co-geldsreef 31, B-2288 Bouwel (BE).

(74) FERGUSON, Alexander; c/o Octrooibu-reau Vriesendorp & Gaade, P.O. Box 266, ML- 2501 AW 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C21D 1/19, 1/18, 1/74, 1/76

(11) WO 03/080876 (13) A1

(21) PCT/JP02/11005

(22) 23 Oct/oct 2002 (23.10.2002)

(25) ja (26) ja

(30) 2002-084230 25 Mar/mar 2002 JP (25.03.2002)

(30) 2002-170194 11 Jun/juin 2002 JP (11.06.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HOT GAS QUENCHING DEVICES, AND HOT GAS HEAT TREATING SYSTEM

• DISPOSITIFS DE TREMPÉ A GAZ CHAUD ET SYSTEME DE TRAITEMENT THERMIQUE A GAZ CHAUD

(71, 72) TANIGUCHI, Hirohisa [JP/JP]; 3-15, Nakahagi-cho, Niihama-shi, Ehime 792-0045 (JP).

(74) MIYOSHI, Hidekazu; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ C21D 7/06

(11) WO 03/080877 (13) A1

(21) PCT/US03/08130

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 60/346,489 18 Mar/mar 2002 US (18.03.2002)

(30) 60/376,757 30 Apr/avr 2002 US (30.04.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR PROVIDING A LAYER OF COMPRESSIVE RESIDUAL STRESS

• PROCEDE ET APPAREIL D'APPLICATION D'UNE COUCHE DE CONTRAINTE EN COMPRESSION RESIDUELLE

(71) SURFACE TECHNOLOGY HOLDINGS, LTD. [US/US]; 6325 Hunters Trail, Cincinnati, OH 45246 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PREVEY, Paul, S., III [US/US]; 6325 Hunters Trail, Cincinnati, OH 45246 (US). CAMMETT, John, T. [US/US]; 341 Creedmore Road, Jacksonville, NC 28546 (US).

(74) SMITH, Mark, F.; 7577 Central Park Boulevard, Suite 102, Mason, OH 45040 (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 SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C22B 7/00, 23/00, 3/04

(11) WO 03/080878 (13) A1

(21) PCT/IN02/00061

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PROCESS FOR THE RECOVERY OF NICKEL FROM SPENT CATALYST

• PROCEDE DE RECUPERATION DE NICKEL A PARTIR D'UN CATALYSEUR USE

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

(72) SAHU, Kamala, Kanta; National Metallurgical Laboratory, Jamshedpur, Jharkhand (IN). PANDEY, Banshi, Dhar; National Metallurgical Laboratory, Jamshedpur, Jharkhand (IN). CHAND, Prem; National metallurgical Laboratory, Jamshedpur, Jharkhand (IN).

(74) HARIHARAN, Subramaniam et al. / etc.; Subramaniam, Nataraj & Associates, E 556 Greater Kailash II, New Delhi 110 048 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG 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)⁷ C22B 11/00, 3/00, 3/14

(11) WO 03/080879 (13) A1

(21) PCT/IN02/00069

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PROCESS FOR THE RECOVERY OF GOLD AND SILVER FROM USED REFRACTORY BRICKS

- PROCESSUS DE RECUPERATION D'OR ET D'ARGENT A PARTIR DE BRIQUES REFRACTAIRES USAGEES
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) MURTHY, Daita, Sree, Ramachandra; National Metallurgical Laboratory, Jamshedpur, Jharkhand (IN). KUMAR, Vinod; National Metallurgical Laboratory, Jamshedpur, Jharkhand (IN).
- (74) HARIHARAN, Subramaniam et al. / etc.; Subramaniam, Nataraj & Associates, E-556 Greater Kailash II, New Delhi 110 048 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG 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)⁷ C22C
- (11) WO 03/080880 (13) A2
- (21) PCT/US03/08269
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 10/100,054 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CASTING PROCESS AND PRODUCT
- PROCEDE ET PRODUIT DE MOULAGE
- (63) US 10/100,054 (CIP) 19 Mar/mar 2002 (19.03.2002)
- (71) SPX CORPORATION [US/US]; 13515 Ballantyne, Corporate Place, Charlotte, NC 28277 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SZYMANOWSKI, Richard, Brian [US/US]; 2513 Old Lake Shoro Road, Saint Joseph, MI 49085 (US). DASGUPTA, Rathindra [US/US]; 7109 Hickory Point Drive, Portage, MI 49024 (US).
- (74) SHEEHAN, Kenneth, J. et al. / etc.; Washington Square, Suite 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG
- CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C22C 1/02, 1/03, 21/00
- (11) WO 03/080881 (13) A1
- (21) PCT/IN02/00071
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROCESS FOR THE PRODUCTION OF AL-FE-V-SI ALLOYS
- PROCESSUS DE PRODUCTION D'ALLIAGES AL-FE-V-SI
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) SAHOO, Kanai, Lal; National Metallurgical Laboratory, Jamshedpur, Jharkhand (IN). CHITTUR, Subramaniam, Sivaramkrishnan; National Metallurgical Laboratory, Jamshedpur, Jharkhand (IN).
- (74) HARIHARAN, Subramaniam et al. / etc.; Subramaniam, Nataraj & Associates, E-556 Greater Kailash II, New Delhi 110 048, Maharashtra (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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)⁷ C22C 19/05
- (11) WO 03/080882 (13) A1
- (21) PCT/JP03/03885
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) ja (26) ja
- (30) 2002-090018 27 Mar/mar 2002 JP (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • Ni-BASE DIRECTIONALLY SOLIDIFIED SUPERALLOY AND Ni-BASE SINGLE CRYSTAL SUPERALLOY
- SUPERALLIAGE A BASE DE NI SOLIDIFIE DE MANIERE DIRECTIONNELLE ET SUPERALLIAGE A CRISTAL UNIQUE A BASE DE NI
- (71) NATIONAL INSTITUTE FOR MATERIALS SCIENCE [JP/JP]; 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP). ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD. [JP/JP]; 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8182 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOBAYASHI, Toshiharu [JP/JP]; c/o National Institute for Materials Science, 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP). KOIZUMI, Yutaka [JP/JP];
- c/o National Institute for Materials Science, 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP). YOKOKAWA, Tadaharu [JP/JP]; c/o National Institute for Materials Science, 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP). HARADA, Hiroshi [JP/JP]; c/o National Institute for Materials Science, 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP). AOKI, Yasuhiro [JP/JP]; c/o Ishikawajima-Harima Heavy Industries Co., Ltd., 5-1, Mukoudai-cho 3-chome, Nishitokyo-shi, Tokyo 188-0013 (JP). MASAKI, Shouju [JP/JP]; c/o Ishikawajima-Harima Heavy Industries Co., Ltd., 5-1, Mukoudai-cho 3-chome, Nishitokyo-shi, Tokyo 188-0013 (JP).
- (74) NISHIZAWA, Toshio; 6F, Mani-Building, 37-10, Udagawa-cho, Shibuya-ku, Tokyo 150-0042 (JP).
- (81) CA JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ C22C 21/02, B22D 17/00, C22C 1/00
- (11) WO 03/080883 (13) A1
- (21) PCT/US03/08270
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 10/100,053 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ALUMINUM ALLOY
- ALLIAGE D'ALUMINIUM
- (63) US 10/100,053 (CIP) 19 Mar/mar 2002 (19.03.2002)
- (71) SPX CORPORATION [US/US]; 13515 Ballantyne, Corporate Place, Charlotte, NC 28277 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DASGUPTA, Rathindra [US/US]; 7109 Hickory Point Drive, Portage, MI 49024 (US).
- (74) SHEEHAN, Kenneth, J. et al. / etc.; Washington Square, Suite 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ C22C 21/06
- (11) WO 03/080884 (13) A2
- (21) PCT/FR03/00870
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) fr (26) fr

(30) 02/03593 **22 Mar/mar 2002** FR
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AL-MG ALLOY PRODUCTS FOR A WELDED CONSTRUCTION

• PRODUITS EN ALLIAGES AL-MG POUR CONSTRUCTION SOUDEE

(71) PECHINEY RHENALU [FR/FR]; 7, place du Chancelier Adenauer, F-75116 Paris (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) DIF, Ronan [FR/FR]; 8, chemin du Veyron-La Flamenchère, F-38590 St.Etienne de Saint Geoirs (FR). HENON, Christine [FR/FR]; 1, rue du Pré Riaccoud, F-38640 Claix (FR). GUILLEMENET, Jérôme [FR/FR]; 29, route de Parentignat, F-63500 Issoire (FR). RIBES, Hervé [FR/FR]; Les Pradets-20, rue de la Liberté, F-63500 Issoire (FR). PILLET, Georges [FR/FR]; ChefLieu, F-73160 Saint-Cassin (FR).

(74) SCHMIDT, Martin; Pechiney, 217, cours Lafayette, F-69451 Lyon Cedex 06 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C22C 38/00, 38/28, 38/54, C21D 9/48, C21C 7/00

(11) WO 03/080885 (13) A1

(21) PCT/JP03/03892

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(30) 2002-87703 **27 Mar/mar 2002** JP
(27.03.2002)

(30) 2002-87704 **27 Mar/mar 2002** JP
(27.03.2002)

(30) 2002-114998 **17 Apr/avr 2002** JP
(17.04.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CAST PIECE AND SHEET OF FERRITIC STAINLESS STEEL, AND METHOD FOR PRODUCTION THEREOF

• PIECE MOULEE ET TOLE D'ACIER FERRITIQUE, ET LEUR PROCEDE DE FABRICATION

(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) TAKAHASHI, Akihiko [JP/JP]; C/O NIPPON STEEL CORPORATION HIKARI WORKS, 3434, Oaza-Shimata, Hikari-shi,

Yamaguchi 743-8510 (JP). HAMADA, Junichi [JP/JP]; C/O NIPPON STEEL CORPORATION HIKARI WORKS, 3434, Oaza-Shimata, Hikari-shi, Yamaguchi 743-8510 (JP). KIMURA, Ken [JP/JP]; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futsu-shi, Chiba 293-8511 (JP). MOROHOSHI, Takashi [JP/JP]; C/O NIPPON STEEL CORPORATION YAWATA WORKS, 1-1, Tobihata-cho, Tobata-ku, Kitakyushu-shi, Fukuoka 804-8501 (JP). YAMADA, Yoshito [JP/JP]; C/O NIPPON STEEL CORPORATION HIKARI WORKS, 3434, Oaza-Shimata, Hikari-shi, Yamaguchi 743-8510 (JP). KAKIHARA, Toyohiko [JP/JP]; C/O NIPPON STEEL CORPORATION, 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP). HASHIMOTO, Satoshi [JP/JP]; C/O NIPPON STEEL CORPORATION HIKARI WORKS, 3434, Oaza-Shimata, Hikari-shi, Yamaguchi 743-8510 (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 KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C22C 38/44

(11) WO 03/080886 (13) A1

(21) PCT/KR03/00568

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ko (26) en

(30) 10-2002-0016214 **25 Mar/mar 2002** KR
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HIGH-GRADE DUPLEX STAINLESS STEEL WITH MUCH SUPPRESSED FORMATION OF INTERMETALLIC PHASES AND HAVING AN EXCELLENT CORROSION RESISTANCE, EMBRITTEMENT RESISTANCE, CASTABILITY AND HOT WORKABILITY

• ACIER INOXYDABLE DUPLEX DE QUALITE SUPERIEURE PRESENTANT UNE FORMATION A SUPPRESSION ELEVEE DE PHASES INTERMETALLIQUES ET POSSEDANT UNE EXCELLENTE RESISTANCE A LA CORROSION, UNE EXCELLENTE RESISTANCE A LA FRIABILITE, UNE EXCELLENTE COULABILITE ET UNE EXCELLENTE APTITUDE AU FAÇONNAGE A CHAUD

(71, 72) PARK, Yong-Soo [KR/KR]; No. 532, Joongang Heights Villa, 1000-3, Bangbae-Dong, Seocho-Ku, Seoul 137-849 (KR).

(72, 75) KIM, Soon-Tae [KR/KR]; Hyundai Apt. 110-1102, 357, Dohwa-Dong, Mapo-Ku, Seoul 121-841 (KR). LEE, In-Sung [KR/KR]; Hangang-Seocho Apt. 102-205, 29, Dansan 4-Dong, Yongdungpo-Ku, Seoul 150-044 (KR).

(74) LEE, Kwang-Yeon et al. / etc.; New-Seoul Bldg. 5th Floor, 828-8, Yoksam 1-Dong, Kangnam-Ku, Seoul 135-935 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C23C

(11) WO 03/080887 (13) A2

(21) PCT/US02/23578

(22) 25 Jul/juil 2002 (25.07.2002)

(25) en (26) en

(30) 09/916,234 **25 Jul/juil 2001** US
(25.07.2001)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHODS AND APPARATUS FOR ANNEALING IN PHYSICAL VAPOR DEPOSITION SYSTEMS

• PROCEDES ET APPAREILS DE RECUIT DANS DES SYSTEMES DE DEPOT PHYSIQUE EN PHASE GAZEUSE

(71) APPLIED MATERIALS, INC. [US/US]; 3040 BOWERS AVENUE, SANTA CLARA, CA 94054 (US).

(72) YU, Sang-Ho; 718 Old San Francisco Road, Apt. 200, Sunnyvale, CA 94086 (US). CHA, Yonghwa; 5485 Lauren Drive, SAN JOSE, CA 95124 (US). YOON, Ki; 1575 Tenaka Place, #J-7, SUNNYVALE, CA 94087 (US).

(74) PATTERSON, B., Todd et al. / etc.; MOSER, PATTERSON & SHERIDAN, LLP, 3040 Post Oak Blvd., Suite 1500, HOUSTON, TX 77056 (US).

(81) JP KR.

(51)⁷ C23C 10/58, C22C 14/00

(11) WO 03/080888 (13) A1

(21) PCT/JP03/03664

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(30) 2002-87738 **27 Mar/mar 2002** JP
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HEAT-RESISTANT MATERIAL Ti ALLOY MATERIAL EXCELLENT IN RESISTANCE TO CORROSION AT HIGH TEMPERATURE AND TO OXIDATION

• MATERIAU D'ALLIAGE TI THERMOSTABLE PRESENTANT UNE EXCELLENTE RESISTANCE A L'OXYDATION ET A LA CORROSION A TEMPERATURE ELEVEE

(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) NARITA, Toshio [JP/JP]; 7-8, Shinko-toni 1-jo 9-chome, Kita-ku, Sapporo-shi,

Hokkaido 001-0901 (JP). NISHIMOTO, Takumi [JP/JP]; 1-10, Sumikawa 4-jo 4-chome, Minami-ku, Sapporo-shi, Hokkaido 005-0004 (JP).

(74) NISHI, Yoshiyuki; Nishi Patent Office, Suite 211, 26-32, Nakahara 4-chome, Isogo-ku, Yokohama-shi, Kanagawa 235-0036 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C23C 14/06, H01L 21/203

(11) WO 03/080889 (13) A1

(21) PCT/US02/38286

(22) 2 Dec/déc 2002 (02.12.2002)

(25) en (26) en

(30) 10/086,291 1 Mar/mar 2002 US (01.03.2002)

(30) 10/086,492 1 Mar/mar 2002 US (01.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BAND GAP ENGINEERING OF AMORPHOUS AL-GA-N ALLOYS

• FORMATION DE BANDE INTERDITE D'ALLIAGES AL-GA-N AMORPHES

(71) OHIO UNIVERSITY [US/US]; Technology Transfer Office, Technology and Enterprise Building, Suite 190, 20 East Circle Drive, Athens, OH 45701-3751 (US).

(72) KORDESCH, Martin, E.; 11 Circle Drive, The Plains, OH 45780 (US).

(74) WILLIAMS, Joan, N. 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW

MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C23C 14/24, 14/30

(11) WO 03/080890 (13) A1

(21) PCT/JP03/03557

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(30) 2002-86797 26 Mar/mar 2002 JP (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PRODUCTION METHOD AND PRODUCTION DEVICE FOR THIN FILM

• PROCEDE ET DISPOSITIF DE PRODUCTION DE COUCHES MINCES

(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) HONDA, Kazuyoshi [JP/JP]; 5-34, Jonan-cho 1-chome, Takatsuki-shi, Osaka 569-0056 (JP). TAKAI, Yoriko [JP/JP]; c/o Yamaguchi, 22-8, Midorigaoka 3-chome, Toyonaka-shi, Osaka 560-0002 (JP). OKAZAKI, Sadayuki [JP/JP]; 10-206, Ikuno 4-chome, Katano-shi, Osaka 576-0054 (JP). INABA, Junichi [JP/JP]; 26-13, Higashitoyonaka-cho 1-chome, Toyonaka-shi, Osaka 560-0003 (JP). ITOH, Syuuji [JP/JP]; 11-2, Kitatomigaoka 5-chome, Nara-shi, Nara 631-0001 (JP). HIGUCHI, Hiroshi [JP/JP]; 9-17, Matsugaoka 1-chome, Kyotanabe-shi, Kyoto 610-0353 (JP). SAKAI, Hitoshi [JP/JP]; 2-135, Kawama-cho, Minato-ku, Nagoya-shi, Aichi 455-0076 (JP).

(74) IKEUSHI SATO & PARTNER PATENT ATTORNEYS; 26th Floor, OAP TOWER, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 530-6026 (JP).

(81) CN ID KR MX US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ C23C 14/34, H01J 37/34

(11) WO 03/080891 (13) A1

(21) PCT/DE03/00903

(22) 19 Mar/mar 2003 (19.03.2003)

(25) de (26) de

(30) 102 13 049.3 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ROTATING TUBULAR CATHODE

• CATHODE TUBULAIRE TOURNANTE

(71, 72) WURCZINGER, Dieter [DE/DE]; Alte Strasse 31, 61118 Bad Vilbel (DE).

(74) SCHICKEDANZ, Willi; Langener Strasse 68, 63073 Offenbach (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C23C 16/44, 4/10, 14/56, H01J 37/32

(11) WO 03/080892 (13) A1

(21) PCT/US03/04061

(22) 12 Feb/fév 2003 (12.02.2003)

(25) en (26) en

(30) 10/101,701 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • LOW CONTAMINATION COMPONENTS FOR SEMICONDUCTOR PROCESSING APPARATUS AND METHODS FOR MAKING COMPONENTS

• COMPOSANTS A FAIBLE CONTAMINATION POUR APPAREIL DE TRAITEMENT DE SEMI-CONDUCTEURS ET PROCEDES DE FABRICATION DE CES COMPOSANTS

(63) US 10/101,701 (CON) 21 Mar/mar 2002 (21.03.2002)

(71) LAM RESEARCH CORPORATION [US/US]; 4650 Cushing Parkway, Fremont, CA 94538 (US).

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(72, 75) O'DONNELL, Robert, J. [US/US]; 5108 Curtis Street, Fremont, CA 94538 (US).

(74) PETERSON, James, W.; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C23C 16/448, 14/22, 14/54, 16/52, 14/12

(11) WO 03/080893 (13) A1

(21) PCT/EP03/02860

(22) 19 Mar/mar 2003 (19.03.2003)

(25) de (26) de

(30) 102 12 923.1 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR COATING A SUBSTRATE AND DEVICE FOR CARRYING OUT THE METHOD

- PROCEDE DE REVETEMENT D'UN SUBSTRAT ET DISPOSITIF CORRESPONDANT
- (71) AIXTRON AG [DE/DE]; Kackertstrasse 15-17, 52072 Aachen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JÜRGENSEN, Holger [DE/DE]; Rathausstrasse 43d, 52072 Aachen (DE). HEUKEN, Michael [DE/DE]; Im Erb 12, 52078 Aachen (DE).
- (74) GRUNDMANN, Dirk et al. / etc.; Rieder & Partner, Corneliusstrasse 45, 42329 Wuppertal (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C23F 11/00
- (11) WO 03/080894 (13) A2
- (21) PCT/US02/02692
- (22) 29 Jan/jan 2002 (29.01.2002)
- (25) en (26) en
- (30) 60/264,807 29 Jan/jan 2001 US (29.01.2001)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ORGANIC/INORGANIC MULTILAYER COATING SYSTEM
- SYSTEME DE REVETEMENT MULTICOUCHE ORGANIQUE/INORGANIQUE
- (71) THE BOARD OF REGENTS FOR OKLAHOMA STATE UNIVERSITY [US/US]; 203 Whitehurst, Oklahoma State University, Stillwater, OK 74078 (US).
- (72) KOTOV, Nicholas; 2114 Celia Street, Stillwater, OK 74074 (US). KNOBBE, Edward, T.; 41 Yellow Brick Drive, Stillwater, OK 74074 (US). KACHURINA, Olga; 1110 South Ridge Drive, Stillwater, OK 74074 (US). METROKE, Tammy, L.; 2209 North Manning, Stillwater, OK 74075 (US).
- (74) WEEKS, R., Alan; 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 US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM 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)⁷ C23F 11/14, 11/10, C10M 173/02
- (11) WO 03/080895 (13) A1
- (21) PCT/US03/08245
- (22) 13 Mar/mar 2003 (13.03.2003)
- (25) en (26) en
- (30) 60/365,610 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CORROSION INHIBITING SALTS, CONCENTRATES AND METAL WORKING FLUIDS CONTAINING SAME
- SELS INHIBITEURS DE LA CORROSION, CONCENTRES ET FLUIDES DE TRAVAIL DE METAUX EN CONTENANT
- (71) THE LUBRIZOL CORPORATION [US/US]; 29400 Lakeland Blvd., Wickliffe, OH 44092-2298 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CUNEO, Frederick, L. [US/US]; 244 Heather Glen Drive, Boiling Springs, SC 29316 (US). MORAN, Gregory [US/US]; 272 Birds Eye View, Boiling Springs, SC 29316 (US). NAIK, Maya [US/US]; 108, North River Hills Drive, Spartanburg, SC 29303 (US).
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- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ C25D 3/38, C23C 16/00
- (11) WO 03/080896 (13) A1
- (21) PCT/US03/08083
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 10/100,708 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HIGH SPEED ACID COPPER PLATING
- PROCEDE DE DEPOT ELECTROLYTIQUE DE CUIVRE A GRANDE VITESSE DANS UN BAIN ACIDE
- (71) TASKEM, INC. [US/US]; 4369 Van Epps Road, Brooklyn Heights, OH 44131 (US).
- (72) BOKISA, George; 27906 Sanders Lane, North Olmsted, OH 44070 (US).
- (74) TUROCY, Gregory; Amin & Turocy, LLP, 24th Floor, National City Center, 1900 East 9th Street, 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG
- CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 03/080897 (13) A1
- (21) PCT/JP03/02981
- (22) 13 Mar/mar 2003 (13.03.2003)
- (25) ja (26) ja
- (30) 2002-083247 25 Mar/mar 2002 JP (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MAGNESIUM OR MAGNESIUM ALLOY ARTICLE HAVING ELECTROCONDUCTIVE ANODIC OXIDATION COATING ON THE SURFACE THEREOF AND METHOD FOR PRODUCTION THEREOF
- ARTICLE EN MAGNESIUM OU EN ALLIAGE DE MAGNESIUM A COUCHE DE SURFACE ELECTROCONDUCTRICE, OBTENUE PAR OXYDATION ANODIQUE, ET PROCEDE DE PRODUCTION ASSOCIE
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- (72, 75) OKUDA, Yasuhiro [JP/JP]; c/o Hori Metal Finishing Ind. Ltd., 2904, Abe, Ochiai-cho, Takahashi-shi, Okayama 716-0061 (JP). SAKAI, Koji [JP/JP]; c/o Hori Metal Finishing Ind. Ltd., 2904, Abe Ochiai-cho, Takahashi-shi, Okayama 716-0061 (JP). HINO, Makoto [JP/JP]; c/o Industrial Technology Center of Okayama Prefecture, 5301, Haga, Okayama-shi, Okayama 701-1296 (JP). HIRAMATSU, Minoru [JP/JP]; c/o Industrial Technology Center of Okayama Prefecture, 5301, Haga, Okayama-shi, Okayama 701-1296 (JP).
- (74) NAKATSUKASA, Shigeki; Mori & Associates, 505-14, Ohjima, Kurashiki-shi, Okayama 710-0047 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).	(43) 2 Oct/oct 2003 (02.10.2003)	CI CM GA GN GQ GW ML MR NE SN TD TG).
(51) ⁷ C25F 3/00, 7/00, H01L 21/3063	(54) • ELECTROPOLISHING APPARATUS, ELECTROPOLISHING METHOD, AND METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE	Published / Publiée : (c)
(11) WO 03/080898 (13) A1	• APPAREIL ET PROCEDE DE POLISSAGE ELECTROLYTIQUE, PROCEDE DE FABRICATION D'UN DISPOSITIF SEMI-CONDUCTEUR	(51) ⁷ C30B 7/00, G01N 15/02
(21) PCT/JP03/03599	(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).	(11) WO 03/080901 (13) A1
(22) 25 Mar/mar 2003 (25.03.2003)	<i>(for all designated States except / pour tous les États désignés sauf US)</i>	(21) PCT/GB03/01347
(25) ja (26) ja	(72, 75) NOGAMI, Takeshi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KOMAI, Naoki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).	(22) 20 Mar/mar 2003 (20.03.2003)
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(30) 2002-292935 4 Oct/oct 2002 JP (04.10.2002)	(11) WO 03/080900 (13) A1	(54) • USE OF DYNAMIC LIGHT SCATTERING (DLS) IN A METHOD FOR PRODUCING MACROMOLECULAR CRYSTALS
(30) 2002-370965 20 Dec/déc 2002 JP (20.12.2002)	(21) PCT/GB03/01230	• UTILISATION DE LA DIFFUSION DYNAMIQUE DE LA LUMIERE (DLS) DANS UN PROCEDE PERMETTANT DE PRODUIRE DES CRISTAUX MACROMOLECULAIRES
(30) 2002-382129 27 Dec/déc 2002 JP (27.12.2002)	(22) 24 Mar/mar 2003 (24.03.2003)	(71) IMPERIAL COLLEGE INNOVATIONS LIMITED [GB/GB]; Sheffield Building, Imperial College, London SW7 2AZ (GB). DIERKS AND PARTNER SYSTEM TECHNIK [DE/DE]; Pinneberger Weg 22+24, 20257 Hamburg (DE).
(43) 2 Oct/oct 2003 (02.10.2003)	(25) en (26) en	<i>(for all designated States except / pour tous les États désignés sauf US)</i>
(54) • ELECTROCHEMICAL MACHINE AND ELECTROCHEMICAL MACHINING METHOD	(30) 0206819.5 22 Mar/mar 2002 GB (22.03.2002)	(72, 75) DIERKS, Karsten [DE/DE]; Dierks and Partner System Technik, Pinneberger Weg 22 & 24, 20257 Hamburg (DE). CHAYEN, Naomi, Esther [GB/GB]; Biological Structure and Function Section, Division of Biomedical Sciences, Sir Alexander Fleming Building, Imperial College School of Medicine, London SW7 2AZ (GB). DIECKMANN, Matthias, Wilhelm, Maria [DE/NL]; NL-2331 VZ Leiden (NL).
• MACHINE ELECTROCHIMIQUE ET PROCEDE D'USINAGE ELECTROCHIMIQUE	(43) 2 Oct/oct 2003 (02.10.2003)	(74) PILKINGTON, Stephanie; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (GB).
(71) EBARA CORPORATION [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).	(54) • A CRYSTALLISATION SYSTEM AND METHOD	(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
<i>(for all designated States except / pour tous les États désignés sauf US)</i>	• SYSTEME ET PROCEDE DE CRISTALLISATION	(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(72, 75) NABEYA, Osamu [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). KUMEKAWA, Masayuki [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). YASUDA, Hozumi [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). KOBATA, Itsuki [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). IIZUMI, Takeshi [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). TAKADA, Nobuyuki [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). FUKAYA, Koichi [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).	(71) THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW [GB/GB]; Gilbert Scott Building, University Avenue, Glasgow G12 8QQ (GB).	Published / Publiée : (c)
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(11) WO 03/080899 (13) A1	(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG	(25) ja (26) ja
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- (54) • METHOD OF MICROFABRICATING CRYSTAL TiO₂ AND MICROFABRICATED CRYSTAL TiO₂
 • PROCEDE DE MICROFABRICATION DE TiO<SB>2</SB> CRISTALLIN, ET TiO<SB>2</SB> CRISTALLIN MICROFABRIQUE
- (71) WASEDA UNIVERSITY [JP/JP]; 104 Tot-sukamachi 1-chome, Shinjuku-ku, Tokyo 169-8050 (JP). NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigascki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).
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- (72, 75) OHKI, Yoshimichi [JP/JP]; c/o School of Science and Engineering, Waseda University, 4-1 Okubo 3-chome, Shinjuku-ku, Tokyo 169-8555 (JP). NAKANISHI, Tet-suya [JP/JP]; c/o School of Science and Engineering, Waseda University, 4-1 Okubo 3-chome, Shinjuku-ku, Tokyo 169-8555 (JP). NOMURA, Kenichi [JP/JP]; c/o School of Science and Engineering, Waseda University, 4-1 Okubo 3-chome, Shinjuku-ku, Tokyo 169-8555 (JP). SHIMA, Kunihiko [JP/JP]; 22-14 Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP). ISHII, Satoshi [JP/JP]; 604, 403 Azuma 1-chome, Tsukuba-shi, Ibaraki 305-0031 (JP). AWAZU, Koichi [JP/JP]; 511-2 Matsushiro 5-chome, Tsukuba-shi, Ibaraki 305-0035 (JP). FUJIMAKI, Makoto [JP/JP]; A101, 13-1 Inarimae, Tsukuba-shi, Ibaraki 305-0061 (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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ C30B 29/28, C09K 11/80, 11/78
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- (54) • LUMINOUS MATERIAL FOR SCINTILLATOR COMPRISING SINGLE CRYSTAL OF Yb MIXED CRYSTAL OXIDE
 • MATERIAU LUMINEUX POUR SCINTILLATEUR COMPRENANT UN MONOCRISTAL D'OXYDE DE CRISTAL MELANGE A Yb
- (71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).
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- (54) • FUNCTIONAL FIBERS AND FIBROUS MATERIALS
 • FIBRES FONCTIONNELLES ET MATERIAUX FIBREUX
- (71) POREX TECHNOLOGIES CORPORATION [US/US]; 500 Bohannon Road, Fairburn, GA 30213 (US).
- (72) YAO, Li; 211 Palette Lane, Peachtree City, CA 30269 (US). MAO, Guoqiang; 4951 Durley Walk, Smyrna, GA 30082 (US). LI, Xingguo; 211 Palette Lane, Peachtree City, GA 30269 (US). HALDOPOULOUS, Ioakim Ike; 8305 Gledstone, Fairburn, GA 30213 (US).
- (74) ABRAMS, Samuel, B. 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • A MANUFACTURING DEVICE AND THE METHOD OF PREPARING FOR THE NANOFIBERS VIA ELECTRO-BLOWN SPINNING PROCESS
 • DISPOSITIF DE FABRICATION ET PROCEDE DE PREPARATION DE NANOFIBRES PAR UN PROCESSUS DE FILAGE PAR ≤ ELECTRO-SOUFFLAGE ≥
- (71) NANO TECHNICS CO., LTD. [KR/KR]; 103, Sihwakongdan 2 Ba, Jungwang-dong, Shihung-si, Kyeonggi-do 429-450 (KR).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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) 102 13 007.8 22 Mar/mar 2002 DE (22.03.2002)
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- (54) • METHOD AND DEVICE FOR REGULATING THE ATMOSPHERIC CONDITIONS DURING A SPINNING PROCESS
 • PROCEDE ET DISPOSITIF POUR REGULER LES CONDITIONS ATMOSPHERIQUES QUI REGNENT DANS UNE PIECE AU COURS D'UN PROCESSUS DE FILAGE
- (71) ZIMMER AKTIENGESELLSCHAFT [DE/DE]; Borsigallee 1, 60388 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZIKELI, Stefan [AT/AT]; Schacha 14, A-4844 Regau (AT). ECKER, Friedrich

- [AT/AT]; St. Anna Str. 10, A-4850 Timelkam (AT).
- (74) GRÜNECKER KINKELDEY STOCKMAIR & SCHWANHÄUSSER; Maximilianstr. 58, 80538 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • HYBRID CORD FOR REINFORCING RUBBER AND RUBBER PRODUCT
- CORDE HYBRIDE DE RENFORCEMENT DE CAOUTCHOUC ET PRODUIT CAOUTCHOUE
- (71) NIPPON SHEET GLASS CO., LTD. [JP/JP]; 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
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- (72, 75) AKIYAMA, Mitsuharu [JP/JP]; c/o NIPPON SHEET GLASS CO., LTD., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). MAEDA, Takeshi [JP/JP]; c/o NIPPON SHEET GLASS CO., LTD., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). OKUYAMA, Yukinari [JP/JP]; c/o Head Office, Toyobo.co., Ltd., 2-8, Dojima Hama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8230 (JP).
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- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INTERLACED FABRIC WITH FLAME RETARDANCY
- TISSU ENTRELACE NON INFLAMMABLE
- (71) KANEKA CORPORATION [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-8288 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ADACHI, Masayuki [JP/JP]; Sanseiso, 6-31-17, Shioya-cho, Tarumi-ku, Kobe-shi, Hyogo 655-0872 (JP). MATSUMOTO, Takaharu [JP/JP]; 1-16-3, Nishihata, Takasago-shi, Hyogo 676-0025 (JP). TAMURA, Masanobu [JP/JP]; 1-67-507, Hayashiyama-cho, Nagata-ku, Kobe-shi, Hyogo 653-0861 (JP).
- (74) ASAHINA, Sohta et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ D03D 15/12, 15/00, D02G 3/04
- (11) WO 03/080909 (13) A1
- (21) PCT/JP03/03398
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) ja (26) ja
- (30) 2002-82711 25 Mar/mar 2002 JP (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INTERLACED FABRIC WITH HIGH FLAME RETARDANCY
- TISSU ENTRELACE A POUVOIR IGNIFUGE ELEVE
- (71) KANEKA CORPORATION [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-8288 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ADACHI, Masayuki [JP/JP]; Sanseiso, 6-31-17, Shioya-cho, Tarumi-ku, Kobe-shi, Hyogo 655-0872 (JP). MATSUMOTO, Takaharu [JP/JP]; 1-16-3, Nishihata, Takasago-shi, Hyogo 676-0025 (JP). TAMURA, Masanobu [JP/JP]; 1-67-507, Hayashiyama-cho, Nagata-ku, Kobe-shi, Hyogo 653-0861 (JP).
- (74) ASAHINA, Sohta et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).
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- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (11) WO 03/080910 (13) A1
- (21) PCT/US02/04068
- (22) 12 Feb/fév 2002 (12.02.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • EDGE REINFORCED FABRIC STRIP FOR A SPIRALLY WOUND PRESS FELT BASE FABRIC
- BANDE DE TISSU A BORDURE RENFORCEE POUR UN TISSU DE BASE EN FEUTRE PRESSE ENROULE EN SPIRALE
- (71) ASTENJOHNSON, INC. [US/US]; 4399 Corporate Road, P.O. Box 118001, Charleston, SC 29423 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HERRING, Samuel, H. [US/US]; 110 Edgemoore Lane, Fayetteville, GA 30215 (US). MARCHAND, Rene [US/US]; 130 Ridgewood Drive, Fayetteville, GA 30215 (US).
- (74) VOLPE, Anthony, S. et al. / etc.; Volpe and Koenig, P.C., United Plaza, Suite 1600, 30 South 17th Street, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 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)⁷ D04H
- (11) WO 03/080911 (13) A2
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- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) en (26) en
- (30) 10/106,033 27 Mar/mar 2002 US (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ANTIMICROBIAL YARN HAVING NANOSILVER PARTICLES AND METHODS FOR MANUFACTURING THE SAME
- FIL ANTIMICROBIEN COMPRENANT DES NANOPARTICULES D'ARGENT ET SES PROCÉDES DE FABRICATION
- (71) CC TECHNOLOGY INVESTMENT Co., LTD [CN/CN]; 18/F, Tien Chu Commercial Building, 173-174 Gloucester Road, Wanchai, Hong Kong, P.R.C. (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAN, Jixiong [CN/CN]; Ding Zi Qiao Road 101#, Wuchang District, Wuhan, P.R.C. 430064 (CN). SOH, Kar, Liang [SG/SG]; c/o Ella Cheong Mirandah & Spruons Pte Ltd, 111 North Bridge Road, #22-01 Peninsula Plaza, Singapore 179098 (SG). CHENG, Jiachong [CN/CN]; Fang Qun Yuan Yi District, Building 13, Unit 2, Room 404, Beijing, P.R.C. 100078 (CN).
- (74) ELLA CHEONG MIRANDAH & SPRUONS PTE LTD; Robinson Road Post Office, P.O. Box 1531, Singapore 903031 (**).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT

- RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- (51)⁷ **D04H 1/54, 1/70, B32B 5/26, A61F 13/15,
13/472, 13/49**
- (11) **WO 03/080912** (13) A1
- (21) PCT/JP02/13538
- (22) **25 Dec/déc 2002 (25.12.2002)**
- (25) ja (26) ja
- (30) 2002-84397 **25 Mar/mar 2002 JP
(25.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **THREE-DIMENSIONAL SHEET**
• **FEUILLE TRIDIMENSIONNELLE**
- (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) **SAKA, Wataru [JP/JP];** c/o Kao Cor-
poration, Research Laboratories, 2606,
Akabane, Ichikai-machi, Haga-gun, Tochigi
321-3497 (JP). **TANEICHI, Shoichi [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 KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SK SL TJ TM TN TR TT TZ UA
UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **D05B 33/02, B65M 35/04**
- (11) **WO 03/080913** (13) A1
- (21) PCT/SE03/00312
- (22) **6 Mar/mar 2003 (06.03.2003)**
- (25) en (26) en
- (30) 0200904-1 **26 Mar/mar 2002 SE
(26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **DEVICE AND METHOD FOR THE
TREATMENT OF A WEB-SHAPED
MATERIAL**
• **DISPOSITIF ET PROCEDE POUR
TRAITER UNE BANDE DE MATIERE**
- (71) **AKAB OF SWEDEN AKTIEBOLAG
[SE/SE];** Bussgatan 4, Viared, S-504 94
BORÅS (SE).
- (for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **MEIJNER, Göran [SE/SE];** Sten-
bocksgatan 5, S-506 34 BORÅS (SE).
GAMALIELSSON, Lars [SE/SE];
Öneredsvägen 11, S-518 42 SJÖMARKEN
(SE). **MAGNUSSON, Anders [SE/SE];** Lin-
dormsgatan 47, S-506 44 BORÅS (SE).
- (74) **KYLIN, Peter et al. / etc.;** Hynell Patent-
tjänst AB, Patron Carls väg 2, S-683 40 HAG-
FORS/UDDEHOLM (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 SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **D05C**
- (11) **WO 03/080914** (13) A2
- (21) PCT/TR03/00020
- (22) **21 Mar/mar 2003 (21.03.2003)**
- (25) en (26) en
- (30) 2002/00782 **22 Mar/mar 2002 TR
(22.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **METHOD FOR MANUFACTURING
MULTI-LAYER FABRIC AND FABRIC
MANUFACTURED THEREOF**
• **PROCEDE DE FABRICATION DE TIS-
SUS EN PLUSIEURS EPAISSEURS ET
TISSU EN PLUSIEURS EPAISSEURS
AINSI OBTENU**
- (71) **TEKEREKOGLU TEKSTIL SANAYI VE
TICARET A.S. [TR/TR];** Öğretmen Sok.
No:72, Karsiyaka, 27500 Gaziantep (TR).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **GÖĞÜS, Mehmet, Arif [TR/TR];**
Öğretmen Sok. No:72, Karsiyaka, 27500
Gaziantep (TR).
- (74) **ANKARA PATENT BUREAU LIMITED;**
Şehit Adem Yavuz Sok. No. 8/22, Kizilay,
06440 Ankara (TR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- (51)⁷ **D06F 33/02**
- (11) **WO 03/080916** (13) A1
- (21) PCT/KR03/00587
- (22) **25 Mar/mar 2003 (25.03.2003)**
- (25) en (26) en
- (30) 10-2002-0016112 **25 Mar/mar 2002 KR
(25.03.2002)**
- (30) 10-2002-0026890 **15 May/mai 2002 KR
(15.05.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **WASHING METHOD OF WASHING
MACHINE**
• **PROCEDE DE LAVAGE APPLIQUE A
UN LAVE-LINGE**
- (71) **LG ELECTRONICS INC. [KR/KR];**
20, Yoido-dong, Youngdungpo-gu, Seoul
150-721 (KR).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **PARK, Yong Suck [KR/KR];** 2nd Duck-
san Town 201-801, Daebang-dong, Chang-
won-shi, Kyongsangnam-do 641-759 (KR).
- (74) **BAHNG, Hae Cheol et al. / etc.;** Kims Inter-
national Patent & Law Office, 15th Floor, Yo
- NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

- Sam Building, 648-23 Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ D06F 81/08
(11) WO 03/080917 (13) A1
(21) PCT/EP03/03098
(22) 25 Mar/mar 2003 (25.03.2003)
(25) de (26) de
(30) 102 13 265.8 25 Mar/mar 2002 DE (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • SUCTION/BLOWING DEVICE
• DISPOSITIF D'ASPIRATION-SOUFFLAGE
- (71) VEIT GMBH & CO. [DE/DE]; Justus-von-Liebig-Str.15, 86899 Landsberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JAKOB, Klaus [DE/DE]; Beitenweg 1, 86862 Lamerdingen (DE). JANNUSCH, Michael [DE/DE]; Ludwigstr. 49, 86916 Kaufering (DE).
- (74) GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER; Maximilianstr. 58, 80538 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ D06L 1/12, B08B 3/04, C11D 17/04, B65D 1/00
(11) WO 03/080918 (13) A1
(21) PCT/GB03/00546
(22) 7 Feb/fév 2003 (07.02.2003)
(25) en (26) en
(30) 0206724.7 22 Mar/mar 2002 GB (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • CLEANING METHOD
• PROCEDE DE NETTOYAGE
- (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 MG US)
- (71) RECKITT BENCKISER (UK) LIMITED [GB/GB]; 103-105 Bath Road, Slough, Berkshire SL1 3UH (GB).
(only for / seulement pour MG)
- (72, 75) CORRADINI, Fabio [IT/IT]; Reckitt Benckiser Italia, Piazza S. Nicolò 12/3, I-30034 Mira VE (IT). KOSUB, Mike [DE/IT]; Reckitt Benckiser Italia, Piazza S. Nicolò 12/3, I-30034 Mira VE (IT).
- (74) BROWN, Andrew, Stephen et al. / etc.; Reckitt Benckiser plc, Group Patents Department, Dansom Lane, Hull HU8 7DS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(u) for / pour US only / seulement
-
- (51)⁷ D06M 11/00
(11) WO 03/080919 (13) A1
(21) PCT/KR03/00347
(22) 20 Feb/fév 2003 (20.02.2003)
(25) ko (26) en
(30) 10-2002-0015652 22 Mar/mar 2002 KR (22.03.2002)
(30) 10-2003-0009781 17 Feb/fév 2003 KR (17.02.2003)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • BIO-SHEET MATERIAL AND ITS MANUFACTURING METHOD AND APPARATUS
• MATERIAU POUR NAPPE BIOLOGIQUE ET PROCEDE DE FABRICATION CORRESPONDANT
- (71, 72) LEE, Jong-Hak [KR/KR]; 104-1703 Mangpomaeculssangyong-Apartment, 691 Mangpo-Dong, Paldal-Ku, Suwon-City, Kyoungki-Do 442-400 (KR).
- (74) LEE, Young; UNIKOREA International Patent & Law Office, 2fl., Ssangma Building, 828-23, 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ D06M 23/00
(11) WO 03/080920 (13) A1
(21) PCT/KR03/00532
(22) 20 Mar/mar 2003 (20.03.2003)
(25) ko (26) en
(30) 10-2002-0015520 22 Mar/mar 2002 KR (22.03.2002)
(30) 10-2002-0020758 17 Apr/avr 2002 KR (17.04.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • AN ANTI-SLIP TEXTILE SHEET, AND A PROCESS OF PREPARING FOR THE SAME
• SURFACE TEXTILE ANTIDERPANTE ET PROCEDE DE PREPARATION DE CETTE DERNIERE
- (71) KOLON INDUSTRIES, INC [KR/KR]; Kolon Tower, 1-23 Byulyang-dong, Kwacheon-si, Kyunggi-do 427-040 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHUNG, Jae-Hoon [KR/KR]; 204-110 Jugong-APT, Wonmoon2-dong, Kwacheon-si, Kyunggi-do 427-030 (KR). OH, Myung-Joon [KR/KR]; 117-902 Gwanak Dream Town, 1710, Bongchen-5dong, Gwanak-gu, Seoul 151-055 (KR).
- (74) CHO, Hwal-Rai; Suite No. 1507 Yoksam Heights Bldg, 642-19 Yeoksam-dong, Kangnam-gu, Seoul 135-981 (KR).
- (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 KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL RO RU SC SD SG SK SL TJ TM TN 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 HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ D06P 3/54, D01F 11/08, D06M 11/38, D01F 6/62, 6/84, C08G 63/88
(11) WO 03/080921 (13) A1
(21) PCT/SI03/00010
(22) 24 Mar/mar 2003 (24.03.2003)
(25) en (26) en
(30) P-200200082 25 Mar/mar 2002 SI (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • PRETREATMENT METHOD OF POLYESTER FOR REDUCING ELIMINATION OF OLIGOMERS AT HIGH-TEMPERATURE ACID COLOURING WITH DISPERSION DYES
• PROCEDE DE PRE-TRAITEMENT DE POLYESTER PERMETTANT DE REDUIRE L'ELIMINATION D'OLIGOMERES DANS UNE COLORATION ACIDE, A HAUTE TEMPERATURE,

AVEC DES COLORANTS DE DISPERSION

(71) UNIVERZA V LJUBLJANI, NARAVOSLOVNOTEHNIŠKA FAKULTETA, ODDELEK ZA TEKSTILSTVO [SI/SI]; Snezniska 5, 1000 LJUBLJANA (SI). KEMIJSKI INŠTITUT [SI/SI]; Hajdrihova 19, 1000 LJUBLJANA (SI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GORENSEK, Marija [SI/SI]; Zatisje 2a, 6320 PORTOROZ (SI). RECELJ, Petra [SI/SI]; Smalcja vas 37, 8310 SENTJERNEJ (SI). ZIGON, Majda [SI/SI]; Pot na Fuzine 25, 1120 LJUBLJANA (SI).

(74) PIPAN, Marjan; Kotnikova 5, 1000 LJUBLJANA (SI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/FI03/00219

(22) 21 Mar/mar 2003 (21.03.2003)

(25) fi (26) en

(30) 20020561 22 Mar/mar 2002 FI (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR ADJUSTING THE FIBROUS PROPERTIES OF PULP
• PROCEDE DE CONTROLE DES DIMENSIONS DES FIBRES D'UNE PATE

(71) M-REAL OYJ [FI/FI]; Revontulentie 6, FIN-02100 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RANUA, Jukka [FI/FI]; Karnaistenkatu 30 A, FIN-08100 Lohja (FI). LILLEBERG, Risto [FI/FI]; Tikasmäenkuja 6, FIN-02200 Espoo (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D21B 1/32

(11) WO 03/080923 (13) A1

(21) PCT/FI03/00223

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 20020568 25 Mar/mar 2002 FI (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR DEFIBRING RECYCLED FIBRE MATERIAL IN A DRUM PULPER, AND A DRUM PULPER
• PROCEDE DE DEFIBRAGE DE MATERIAU FIBREUX RECYCLE DANS UN DESINTEGRATEUR A TAMBOURS, ET DESINTEGRATEUR A TAMBOUR

(71) METSO PAPER INC. [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANKAANPÄÄ, Veikko [FI/FI]; Rengastie 24 B 12, FIN-37630 Valkeakoski (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC

VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ D21C 9/00, 3/02, D21H 17/25

(11) WO 03/080924 (13) A1

(21) PCT/SE03/00473

(22) 21 Mar/mar 2003 (21.03.2003)

(25) sv (26) en

(30) 0200937-1 25 Mar/mar 2002 SE (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR THE MODIFICATION OF CELLULOSE FIBRES
• PROCEDE DE MODIFICATION DE FIBRES DE CELLULOSE

(71) KVAERNER PULPING AB [SE/SE]; Box 1033, S-651 15 Karlstad (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUSTAVSSON, Catrin [SE/SE]; Karlagatan 3 B, S-652 23 Karlstad (SE). SNEKKENES, Vidar [NO/SE]; Herrhagsgatan 62, S-652 19 Karlstad (SE). OLSSON, Krister [SE/SE]; Vinkelgatan 1, S-652 28 Karlstad (SE).

(74) FURHEM, Hans; Kvaerner Pulping AB, Box 1033, S-651 15 Karlstad (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D21C 9/16

(11) WO 03/080925 (13) A2

(21) PCT/FR03/00913

(22) 21 Mar/mar 2003 (21.03.2003)

(25) fr (26) fr

(30) 02/03753 26 Mar/mar 2002 FR (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HYDROGEN PEROXIDE ACTIVATION IN DELIGNIFICATION AND BLEACHING OF WOOD PULP USING A PHENANTROLINE-COPPER COMPLEX

• ACTIVATION DU PEROXYDE D'HYDROGENE EN DELIGNIFICATION ET EN BLANCHIMENT DES PATES CHIMIQUES A L'AIDE D'UN COMPLEXE PHENANTROLINE-CUIVRE

(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) CABANNE, Laurence [FR/FR]; 42, montée de la Grande Côte, Le Palerme de Savy, F-69001 Lyon (FR). LARNICOL, Pierre [FR/FR]; 3, rue du Trésor, F-91370 Verrières-Le-Buisson (FR). COUCHARRIERE, Carole [FR/FR]; 29, rue Croix Pasquier, F-37100 Tours (FR).
- (74) POUCHART, François et al. / etc.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ D21F

(11) WO 03/080926 (13) A2

(21) PCT/SE02/02158

(22) 25 Nov/nov 2002 (25.11.2002)

(25) en (26) en

(30) 10/104,265 22 Mar/mar 2002 US (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • THERMAL ROLL FOR PAPERMAKING WITH A FLUID CIRCULATION SYSTEM AND METHOD THEREFOR
• CYLINDRE THERMIQUE A SYSTEME DE CIRCULATION DE FLUIDE POUR MACHINE A PAPIER ET PROCEDE A CET EFFET

(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) NYMAN, Gustaf, Per-Arne [SE/SE]; Malmtorrgatan 18, S-653 40 Karlstad (SE). ÅNERUD, Johnny [SE/SE]; Porsvägen 11, S-653 51 Karlstad (SE).

(74) COOPER, Jason, P. 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 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 HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D21F 7/02, F16C 13/02

(11) WO 03/080927 (13) A1

(21) PCT/EP03/03042

(22) 24 Mar/mar 2003 (24.03.2003)

(25) de (26) de

(30) 102 13 209.7 24 Mar/mar 2002 DE (24.03.2002)

(30) 102 54 759.9 2 Nov/nov 2002 DE (02.11.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • DEVICE FOR SUPPORTING A SHAFT
• DISPOSITIF DE SUPPORT D'UN ARBRE

(71) VOMAG GMBH [DE/DE]; Ahornweg 8, 08121 Wilkau-Hablaue (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMALFUSS, Udo [DE/DE]; Röckenweg 8, 88097 Eriskirch (DE).

(74) ENGELHARDT & ENGELHARDT; Montafonstrasse 35, 88045 Friedrichshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ D21G 9/00, G01N 21/89, D21F 7/04

(11) WO 03/080928 (13) A1

(21) PCT/FI03/00225

(22) 25 Mar/mar 2003 (25.03.2003)

(25) fi (26) en

(30) 20025015 27 Mar/mar 2002 FI (27.03.2002)

(30) 20025055 3 Dec/déc 2002 FI (03.12.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • METHOD AND SYSTEM FOR MAINTAINING RUNNABILITY IN A PAPER OR BOARD MACHINE

- PROCEDE ET SYSTEME POUR LE MAINTIEN DU COMPORTEMENT MACHINE DANS UNE MACHINE A PAPIER OU A CARTON

(71) METSO PAPER, INC. [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI). (for all designated States except / pour tous les États désignés sauf US)

(71) KINNUNEN, Eija (legal representative of the deceased inventor / représentante légale de l'inventeur décédé) [FI/FI]; Purnu 3, FIN-40640 Jyväskylä (FI). (only for / seulement pour US)

(72) HIETANEN, Pekka (deceased / décédé).

(72, 75) AHVENAINEN, Pasi [FI/FI]; Sarkapolku 3, FIN-48310 Kotka (FI). KIELINEN, Jari [FI/FI]; Ruulahdentie 8 as. 8, FIN-40520 Jyväskylä (FI). KOLJONEN, Veli-Pekka [FI/FI]; Kuhlantie 74, FIN-44610 Kärnä (FI). LAMPINEN, Jari [FI/FI]; Kirrinkuja 21, FIN-40270 Palokka (FI).

(74) KESPAT OY; P.O. Box 601, FIN-40101 Jyväskylä (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D21H 17/29

(11) WO 03/080929 (13) A1

(21) PCT/US03/07239

(22) 6 Mar/mar 2003 (06.03.2003)

(25) en (26) en

(30) 10/100,828 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • LIQUID STARCH DISPERSIONS FOR COATED PAPER AND PAPERBOARD
• DISPERSIONS D'AMIDON LIQUIDE POUR PAPIER COUCHE ET CARTON

(71) NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION [US/US]; 1000 Uniquest Boulevard, New Castle, DE 19720 (US).

(72) CONFALONE, Philip; 811 Columbus Avenue, Raritan, NJ 08869 (US). SOLAREK, Daniel, B.; 79 Bershire Court, Hillsborough, NJ 08844 (US). LAPINSKA, Agnieszka; 376 West Upper Ferry Road, Trenton, NJ 08628 (US). KIBBLE, Wayne; 2015 Riverwood Drive, Hixson, TN 37343 (US).

(74) ROLAND, Thomas, F. et al. / etc.; National Starch & Chemical Company, 10 Finderne Avenue, Bridgewater, NJ 08807 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ D21H 19/20, 21/14

(11) WO 03/080930 (13) A1

(21) PCT/JP03/03719

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(30) 2002-87341 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SLIPPING PROPERTY IMPARTING AGENT FOR CLEAR COATING AND CLEAR COATING PAPER HAVING THE AGENT APPLIED THEREON

• AGENT PROCURANT UNE PROPRIETE DE GLISSEMENT POUR REVETEMENT TRANSPARENT ET PAPIER DE REVETEMENT TRANSPARENT ENDUIT A SA SURFACE D'UN TEL AGENT

(71) NIPPON PAPER INDUSTRIES, CO., LTD. [JP/JP]; 4-1, Oujii 1-chome, Kita-ku, Tokyo 114-0002 (JP). SAN NOPCO LIMITED [JP/JP]; 11, Ikkyo Nomoto-cho, Higashiyama-ku, Kyoto city, Kyoto 605-0995 (JP).

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(72, 75) ONO, Hiroshi [JP/JP]; c/o Nippon Paper Industries, Co., Ltd., R & D Div. Pulp and, Paper Reserch Laboratory, 21-1, Oujii 5-chome, Kita-ku, Tokyo 114-0002 (JP). NONOMURA, Fuminari [JP/JP]; c/o Nippon Paper Industries, Co., Ltd., R & D Div. Pulp and, Paper Reserch Laboratory, 21-1, Oujii 5-chome, Kita-ku, Tokyo 114-0002 (JP). FUJIWARA, Hideki [JP/JP]; c/o Nippon Paper Industries, Co., Ltd., R & D Div. Pulp and, Paper Reserch Laboratory, 21-1, Oujii 5-chome, Kita-ku, Tokyo 114-0002 (JP). MIYATA, Tsutomu [JP/JP]; c/o San Nopco Limited, 11, Ikkyo Nomoto-cho, Higashiyama-ku, Kyoto city, Kyoto 605-0995 (JP). NAKANO, Yoshinobu [JP/JP]; c/o San Nopco Limited, 11, Ikkyo Nomoto-cho, Higashiyama-ku, Kyoto city, Kyoto 605-0995 (JP).

(74) KODAMA, Yoshihiro; Enju-Ochanomizu Bldg. 3F, 17-2, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D21H 21/46, G09F 3/00, C12Q 1/68, E05G 1/14

(11) WO 03/080931 (13) A1

(21) PCT/GB03/01199

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 0206820.3 22 Mar/mar 2002 GB (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A MARKING APPARATUS FOR NUCLEIC ACID MARKING OF ITEMS

• APPAREIL POUR LE MARQUAGE A L'ACIDE NUCLEIQUE D'ARTICLES

(71) TRACE TAG INTERNATIONAL LTD [GB/GB]; Palace House, 3 Cathedral Street, London SE1 9DE (GB). 3SI SECURITY SYSTEMS INC [US/US]; 780 Third Avenue, New York, NY 10017 (US).

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(72, 75) SLEAT, Robert [GB/GB]; 44 Lon y Deri, Rhiwbina, Cardiff CF14 6JP (GB). LINT, Greg, Van [BE/BE]; c/o 3Si Security Systems NV, Ikaroslaan 71, B-1930 Zaventem (BE).

(74) ARENDS, William, Gerrit; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ D21H 21/54, 17/67

(11) WO 03/080932 (13) A1

(21) PCT/FI03/00229

(22) 25 Mar/mar 2003 (25.03.2003)

(25) fi (26) en

(30) 20020566 25 Mar/mar 2002 FI (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FIBROUS WEB AND PROCESS FOR THE PRODUCTION THEREOF

• VOILE FIBREUX ET PROCÉDÉ DE FABRICATION ASSOCIÉ

(71) TIMSON OY [FI/FI]; P.O. Box 11, FIN-02171 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) GRÖNROOS, Lars [FI/FI]; Tahmelan vierťotie 16, FIN-33240 Tampere (FI). HELANTI, Vesa [FI/FI]; Simunantie 4 B 4, FIN-33880 Lempäälä (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E01B 25/30

(11) WO 03/080933 (13) A1

(21) PCT/EP03/02132

(22) 1 Mar/mar 2003 (01.03.2003)

(25) de (26) de

(30) 102 13 052.3 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR PRECISELY PLACING A GUIDEWAY SUPPORT, AND GUIDEWAY

• PROCEDE POUR LA MISE EN PLACE PRECISE D'UN SUPPORT DE VOIE DE CIRCULATION ET VOIE DE CIRCULATION

(71) MAX BÖGL BAUNTERNEHMUNG GMBH & CO. KG [DE/DE]; Postfach 1120, 92301 Neumarkt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REICHEL, Dieter [DE/DE]; Badstrasse 13, 92318 Neumarkt (DE). WAIDHAUSER, Ralf [DE/DE]; Glasergasse 21, 92318 Neumarkt (DE).

(74) BERGMEIER, Werner; Friedrich-Ebert-Strasse 84, 85055 Ingolstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ E01C 11/16, D03D 13/00

(11) WO 03/080934 (13) A1

(21) PCT/EP03/02458

(22) 11 Mar/mar 2003 (11.03.2003)

(25) de (26) de

- (30) 102 13 057.4 **22 Mar/mar 2002** DE (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • REINFORCEMENT MESH FOR BITUMINOUS LAYERS
- GRILLAGE D'ARMATURE POUR COUCHES BITUMINEUSES
- (71) HUESKER SYNTHETIC GMBH [DE/DE]; Fabrikstrasse 13-15, 48712 Gescher (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KASSNER, Jürgen [DE/DE]; Ebbingshof 92, 48712 Gescher (DE).
- (74) FREISCHEM, Stephan; Patentanwälte Freischem, An Gross St. Martin 2, 50667 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E01C 23/088
- (11) WO 03/080935 (13) A1
- (21) PCT/EP03/00441
- (22) 17 Jan/jan 2003 (17.01.2003)
- (25) de (26) de
- (30) 102 13 017.5 **22 Mar/mar 2002** DE (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND DEVICE FOR OPTIMIZING A CUTTING PROCESS IN ROAD MILLING MACHINES
- PROCÉDE POUR OPTIMISER UN PROCESSUS DE COUPE DANS DES FRAISEUSES POUR REVETEMENTS ROUTIERS
- (71) WIRTGEN GMBH [DE/DE]; Hohner Strasse 2, 53578 Windhagen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GAERTNER, Olaf [DE/DE]; Buchenweg 12, 53545 Linz/Rhein (DE). SIMONS, Dieter [DE/DE]; Am Sielspool 8, 53567 Buchholz (DE).
- (74) DALLMEYER, Georg et al. / etc.; Bahnhofsvorplatz 1, Deichmannhaus am Dom, 50667 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E01F 9/011
- (11) WO 03/080936 (13) A1
- (21) PCT/DE03/00850
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) de (26) de
- (30) 202 04 634.6 **22 Mar/mar 2002** DE (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SUPPORT FOR DEVICES AND SIGNS FOR SPANNING ROADS AND STREETS
- SUPPORT POUR APPAREILS ET PANNEAUX PREVU POUR ENJAMBER DES ROUTES ET DES VOIES
- (71) ALPINE PROJECT TECHNOLOGY GMBH [AT/AT]; Hietzinger Kai 133, A-1130 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUBBAUER, Karl [DE/DE]; Angerweg 3, 82418 Riegsee (DE). ZEISSEL, Manfred [AT/AT]; Wagramer Strasse 4, A-1220 Wien (AT). HÖFFNER, Wolfgang [AT/AT]; Dr.-Heinrich-Meier-Strasse 13, A-1180 Wien (AT).
- (74) WAHL, Hendrik; Zipse & Habersack, Wotanstr. 64, 80639 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E01F 9/012, G08B 5/00
- (11) WO 03/080937 (13) A1
- (21) PCT/GB03/01177
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 0206730.4 **22 Mar/mar 2002** GB (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • BOUNDARY PROTECTION SYSTEM AND ROADSIDE SAFETY SYSTEM
- SYSTEME DE PROTECTION A BARRIERE ET SYSTEME DE SECURITE POUR LES BORDURES DE ROUTE
- (71) SYSTEMS ENGINEERING & ASSESSMENT LTD. [GB/GB]; Beckington Castle, P.O. Box 800, Frome BA11 6TB (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARNES, Ron [GB/GB]; Temere, Halton, Wincanton, Somerset BA9 8AX (GB).
- (74) BRYER, Kenneth, Robert et al. / etc.; 7 Gay Street, Bath BA1 2PH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ E02B 3/26
- (11) WO 03/080938 (13) A1
- (21) PCT/NO03/00104
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) no (26) en
- (30) 20021536 **27 Mar/mar 2002** NO (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DEVICE OF A FENDER SYSTEM
- DISPOSITIF D'UN SYSTEME DE PARE-BATTAGE
- (71, 72) PARMANN, Georg [NO/NO]; Alvøyveien 53, Alvoen, N-5179 Godvik (NO). PARMANN, Gunnar [NO/NO]; Håkonshellaveien 143, Alvoen, N-5179 Godvik (NO). PARMANN, Christian [NO/NO]; Pålaveien 21, Alvoen, N-5179 Godvik (NO).
- (74) AS BERGEN PATENTKONTOR; P.O. Box 1998, Nordnes, N-5817 Bergen (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E02B 17/02
- (11) WO 03/080939 (13) A1
- (21) PCT/GB03/01159

(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 0206569.6 20 Mar/mar 2002 GB (20.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • FOUNDATION STRUCTURE
• STRUCTURE DE FONDATIONS
(71) BOREAS CONSULTANTS LIMITED [GB/GB]; 3 Bon Accord Square, Aberdeen AB11 6DJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) INGRAM, James [GB/GB]; 12 Newlands Crescent, Aberdeen AB11 6TT (GB).
McINTYRE, Stuart [GB/GB]; 12 Calendonian Place, Aberdeen AB11 6TT (GB).
(74) KENNEDY PATENT AGENCY LIMITED; Floor 5, Queens House, 29 St. Vincent Place, Glasgow G1 2DT (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E02D
(11) WO 03/080940 (13) A2
(21) PCT/US03/08399
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 10/101,864 21 Mar/mar 2002 US (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • TRENCHING MACHINE
• EXCAVATRICE A TRANCHEES
(71, 72) ANDERSON, Richard, A. [US/US]; 419 Elias Guidry Road, Lafayette, LA 70506 (US).
(74) LALOS, Peter, N.; Stevens, Davis, Miller & Mosher, LLP, Suite 850, 1615 L Street 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E02D 5/30, E02B 3/12, 3/08, B28B 1/20, 21/32
(11) WO 03/080941 (13) A1
(21) PCT/IL03/00106
(22) 12 Feb/fév 2003 (12.02.2003)
(25) en (26) en
(30) 148877 25 Mar/mar 2002 IL (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • MOLDED CONCRETE FOUNDATION ELEMENT AND METHOD FOR ITS MANUFACTURE
• ELEMENT MOULE EN BETON POUR FONDATIONS ET SON PROCEDE DE PRODUCTION
(71, 72) STEINBERG, Dov [IL/IL]; P.O. Box 704, 37861 Kazir (IL).
(74) REINHOLD COHN AND PARTNERS; P.O. Box 4060, 61040 Tel Aviv (IL).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E02D 29/05
(11) WO 03/080942 (13) A1
(21) PCT/EP03/03025
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
(30) 10/102,921 22 Mar/mar 2002 US (22.03.2002)
(30) 10/131,526 25 Apr/avr 2002 US (25.04.2002)
(30) 10/338,906 9 Jan/jan 2003 US (09.01.2003)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • ARCH SYSTEMS
• SYSTEMES D'ARCHE
(71) BEBO ARCH INTERNATIONAL AG [CH/CH]; Culmannstrasse 56, CH-8006 Zurich (CH).
(72) HEIERLI, Werner; Biberlinstrasse 28, CH-8032 Zurich (CH).
(74) MILLER, James, Lionel, Woolverton 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E02F 3/815, 3/76
(11) WO 03/080943 (13) A1
(21) PCT/AU03/00374
(22) 21 Mar/mar 2003 (21.03.2003)
(25) en (26) en
(30) PS 1294 25 Mar/mar 2002 AU (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • GROUND LEVELLING APPARATUS
• APPAREIL DE NIVELLEMENT DU SOL
(71, 72) SIELING, Nicolaas, Laurisse [NZ/AU]; Murray-Gwynne Farm, The Coach Road, Mulwala, New South Wales 2647 (AU).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E02F 3/96, 3/36
(11) WO 03/080944 (13) A1
(21) PCT/IB03/00979
(22) 18 Mar/mar 2003 (18.03.2003)
(25) de (26) de
(30) BZ2002A000014 26 Mar/mar 2002 IT (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DEVICE SUPPORT FOR CONSTRUCTION OR EARTH-MOVING MACHINES
• SUPPORT D'OUTIL POUR ENGIN DE CONSTRUCTION OU DE TERRASSEMENT
(71) SEPPI M. S.R.L. [IT/IT]; Zona Artigianale, 1, I-39052 Caldaro (IT).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SEPPI, Luciano [IT/IT]; Zona Artigiale, 1, I-39052 Caldaro (IT).
(74) AUSSERER, Anton; Viale Stazione, 7, I-39100 Bolzano (IT).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ E02F 9/00
(11) WO 03/080945 (13) A1
(21) PCT/JP03/03391
(22) 20 Mar/mar 2003 (20.03.2003)
(25) ja (26) ja
(30) 2002-85313 26 Mar/mar 2002 JP (26.03.2002)
(30) 2002-85314 26 Mar/mar 2002 JP (26.03.2002)
(30) 2002-89140 27 Mar/mar 2002 JP (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • SMALL SWING TYPE SHOVEL
• PETITE PELLE MECANIQUE A BALANCIER
(71) KOBELCO CONSTRUCTION MACHINERY CO., LTD. [JP/JP]; 12-4, Gion 3-chome, Asaminami-ku, Hiroshima-shi, Hiroshima 731-0138 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) TANAKA, Kiyokazu [JP/JP]; c/o KOBELCO CONSTRUCTION MACHINERY CO., LTD., 12-4, Gion 3-chome, Asaminami-ku, Hiroshima-shi, Hiroshima 731-0138 (JP). SAKITANI, Shintaro [JP/JP]; c/o KOBELCO CONSTRUCTION MACHINERY CO., LTD., 12-4, Gion 3-chome, Asaminami-ku, Hiroshima-shi, Hiroshima 731-0138 (JP). OKUNISHI, Takayuki [JP/JP]; c/o KOBELCO CONSTRUCTION MACHINERY CO., LTD., 12-4, Gion 3-chome, Asaminami-ku, Hiroshima-shi, Hiroshima 731-0138 (JP). MORITA, Hiroshi [JP/JP]; c/o KOBELCO CONSTRUCTION MACHINERY CO., LTD., 12-4, Gion 3-chome, Asaminami-ku, Hiroshima-shi, Hiroshima 731-0138 (JP). SHIMOKAKIUCHI, Hiroshi [JP/JP]; c/o KOBELCO CONSTRUCTION MACHINERY CO., LTD., 12-4, Gion 3-chome, Asaminami-ku, Hiroshima-shi, Hiroshima 731-0138 (JP). UMEZU, Yoshiyasu [JP/JP]; c/o KOBELCO CONSTRUCTION MACHINERY CO., LTD., 12-4, Gion 3-chome, Asaminami-ku, Hiroshima-shi, Hiroshima 731-0138 (JP).
(74) KOTANI, Etsuji et al. / etc.; Nichimen Building 2nd Floor, 2-2, Nakanoshima 2-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ E02F 9/28
(11) WO 03/080946 (13) A1
(21) PCT/AU03/00362
(22) 26 Mar/mar 2003 (26.03.2003)
(25) en (26) en
(30) PS 1348 26 Mar/mar 2002 AU (26.03.2002)
(30) 2002950166 12 Jul/juil 2002 AU (12.07.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • ATTACHMENT SYSTEM
• SYSTÈME D'ATTACHE
(71) SHARK ABRASION SYSTEMS PTY LTD [AU/AU]; 19 Russell Road, Henderson, Western Australia 6166 (AU).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MAHER, Patrick, Gerard [AU/AU]; 7 O'Byrne Crescent, Kalgoorlie, Western Australia 6430 (AU).
(74) LORD, Kelvin, Ernest; 4 Douro Place, West Perth, Western Australia 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ E03C 1/04
(11) WO 03/080947 (13) A1
(21) PCT/GB03/01156
(22) 17 Mar/mar 2003 (17.03.2003)
(25) en (26) en
(30) 0206541.5 20 Mar/mar 2002 GB (20.03.2002)
(30) 0300732.5 14 Jan/jan 2003 GB (14.01.2003)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • TAP PIPE EXTENSIONS
• EXTENSIONS DE TUYAUX DE TARAUDS
(71, 72) WALLER, Christopher, Jonathan [GB/GB]; 47 Holbury Drive, Holbury, Southampton SO45 2NG (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ E03C 1/33
(11) WO 03/080948 (13) A1
(21) PCT/EP03/01488
(22) 14 Feb/fév 2003 (14.02.2003)
(25) de (26) de
(30) 102 13 784.6 22 Mar/mar 2002 DE (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • SINK WITH ADHESIVE AND ADJUSTING MEANS
• EVIER POURVU DE COLLE ET D'UN MOYEN D'AJUSTEMENT
(71, 72) NIEDERMAYER, Hans [DE/DE]; Pappelweg 44, 71706 Markgröningen (DE). MALLINOWSKI, Ivan [DE/DE]; Heerweg 20, 52525 Heinsberg (DE).
(74) DREISS, Uwe; Dreiss, Fuhlendorf, Steimle & Becker, Postfach 10 37 62, 70032 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ E03C 1/33
(11) WO 03/080949 (13) A1
(21) PCT/FR03/00906
(22) 21 Mar/mar 2003 (21.03.2003)
(25) fr (26) fr
(30) 02/03705 25 Mar/mar 2002 FR (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD FOR CLIP-ON INCORPORATION OF A BASIN IN A RECEIVING PLANE, DISSOCIATED OR INCORPORATED BASIN AND RECEIVING PLANE
• PROCÉDE D'INTEGRATION DUNE VASQUE A UN PLAN RECEPTEUR PAR CLIPSAGE, VASQUE ET PLAN RECEPTEUR, DISSOCIES OU SOLIDARISES
(71) CHENE VERT [FR/FR]; 12, rue Jean-Rostand, Z.I. Val-de-Caussels, F-81000 Albi (FR).
(72) PATOUREAU, Bertrand; 8 rue Chanoine Birot, F-81000 Albi (FR). MIQUEL, Laurent; 23 rue Louis Blériot, F-81000 Albi (FR).

(74) **CABINET BARRE LAFORGUE & ASSOCIÉS**; 95, rue des Amidonniers, F-31000 Toulouse (FR).

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ E03D 9/04

(11) WO 03/080950 (13) A1

(21) PCT/KR03/00562

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ko (26) en

(30) 10-2002-0016516 26 Mar/mar 2002 KR (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A STERILIZING AND DEODORIZING DEVICE FOR TOILETS

• DISPOSITIF DE STERILISATION ET DE DESODORISATION POUR TOILETTES

(71, 72) **HAHN, Byung-Ryang** [KR/KR]; 1209 Ho 101Dong Dreamland Apt., 116-2 Singal-Ri, Kiheung-Eup, Yongin City, Kyeonggi-Do 449-907 (KR).

(74) **KO, Kwang-Ok**; Room 912, Union Center B/D, 837-11 Yeoksam-Dong, Kangnam-Gu, Seoul 135-754 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E04B 1/24

(11) WO 03/080951 (13) A1

(21) PCT/US02/08465

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BUILDING FRAME STRUCTURE

• STRUCTURE D'OSSATURE DE CONSTRUCTION

(71, 72) **SIMMONS, Robert, J.** [US/US]; 27308 Fairview Avenue, Hayward, CA 94542 (US).

(74) **VARITZ, Robert, D.**; 2007 S.E. Grant Street, Portland, OR 97214 (US).

(81) AE AG AL AU BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EC EE GE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ OMPH PL RO SG SI SK TN 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 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)⁷ E04B 2/00, 7/04, 1/32, 7/02, 7/00, 1/00, E04C 3/00

(11) WO 03/080952 (13) A1

(21) PCT/US03/08285

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 10/100,959 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ENCLOSING SYSTEM

• SYSTEME DE TYPE ABRI

(71) **DREAM GARAGE LLC** [US/US]; 1117 East Putnam Avenue, #355, Riverside, CT 06878 (US).

(72) **DUNSON, Daniel, M.**; 355 Taconic Road, Greenwich, CT 06831 (US). **DUNSON, Stephen, D.**; 1325 Kingsgate Road, Columbus, OH 43221 (US). **VOHNOUT, Vincent, J.**; 3448 Trabue Road, Columbus, OH 43204 (US).

(74) **ELEY, James, R. et al.** / etc.; Thompson Hine LLP, 10 West Broad Street, Suite 700, Columbus, OH 43215-3435 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04B 2/06, 2/08, E04C 1/39, B28B 17/00

(11) WO 03/080953 (13) A1

(21) PCT/EP02/03330

(22) 25 Mar/mar 2002 (25.03.2002)

(25) de (26) de

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BRICK KIT

• ENSEMBLE D'ELEMENTS DE CONSTRUCTION DE TYPE BRIQUES

(71) **GEIGER, Peter** [DE/DE]; Regensburger Strasse 160, 92318 Neumarkt/Opf. (DE).

(74) **GÖBEL, Matthias**; Pruppacher Hauptstr. 5-7, 90602 Pyrbaum-Pruppach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OMPH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ E04D 15/00, E04G 3/00

(11) WO 03/080954 (13) A1

(21) PCT/AU03/00326

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) PS1250 21 Mar/mar 2002 AU (21.03.2002)

(30) 2002318772 17 Dec/déc 2002 AU (17.12.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • WORK PLATFORM FOR ROOF CONSTRUCTION WORK

• PLATE-FORME DE TRAVAIL POUR TRAVAIL DE CONSTRUCTION DE TOITURE

(71) **AUS STRUCT SERVICES PTY LTD** [AU/AU]; P.O. Box 1297, Frankston, VIC 3199 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CUNNIFFE, Nigel, James** [AU/AU]; P.O. Box 1297, Frankston, VIC 3199 (AU).

(74) **GRANT, Michael, J. et al.** / etc.; Patent Attorney Services, 26 Ellingworth Parade, Box Hill, VIC 3128 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ E04F 10/08, E04D 13/00, F24F 5/00

(11) WO 03/080955 (13) A1

(21) PCT/US03/08869

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 60/366,226 21 Mar/mar 2002 US (21.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) ● COOLING SHADE ASSEMBLY AND METHOD OF USE THEREOF
● ENSEMBLE STORE DE REFRIGERATION, ET PROCEDE D'UTILISATION
- (71, 72) **FORBIS, Jack, R., Sr.** [US/US]; 283 Sundown Drive, Waco, TX 76712 (US).
FORBIS, Ann, R. [US/US]; 283 Sundown Drive, Waco, TX 76712 (US).
- (74) **LECOINTE, Michelle, M.;** Baker Botts L.L.P., Suite 1500, 98 San Jacinto Boulevard, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E04F 10/08, F24J 2/42, E04D 13/00
(11) WO 03/080956 (13) A1
(21) PCT/US03/08961
(22) 21 Mar/mar 2003 (21.03.2003)
(25) en (26) en
(30) 60/366,464 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) ● PANEL ASSEMBLY FOR USE WITH REFLECTIVE ROOF AND METHODS OF USE
● ENSEMBLE PANNEAUX S'UTILISANT AVEC UN TOIT REFLECHISSANT ET PROCEDES D'UTILISATION
- (71, 72) **FORBIS, Jack, R., Sr.** [US/US]; 283 Sundown Drive, Waco, TX 76712 (US).
FORBIS, Ann, R. [US/US]; 283 Sundown Drive, Waco, TX 76712 (US).
- (74) **LECOINTE, Michelle, M.;** Baker Botts L.L.P., Suite 1500, 98 San Jacinto Boulevard, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E04F 11/18, E04H 17/16
(11) WO 03/080957 (13) A1
(21) PCT/AU03/00363
(22) 25 Mar/mar 2003 (25.03.2003)
- (25) en (26) en
- (30) PS1337 26 Mar/mar 2002 AU (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) ● BARRIER PANELS AND FENCES INCORPORATING SAME
● PANNEAUX DE BARRIERE ET CLOTURES LES COMPRENANT
- (71, 72) **O'CONNELL, Michael, Terence** [AU/AU]; 21 Sea Breeze Place, Boambee, NSW 2452 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E04F 13/06, 19/02
(11) WO 03/080958 (13) A1
(21) PCT/GB03/01084
(22) 14 Mar/mar 2003 (14.03.2003)
(25) en (26) en
(30) 0206529.0 20 Mar/mar 2002 GB (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) ● EDGE REINFORCEMENT FOR FABRICATED STRUCTURE
● RENFORCEMENT DE BORDURE POUR STRUCTURE USINEE
- (71, 72) **LEWIS, Raymond** [GB/GB]; 1 North Parade, Guidepost, Choppington, Northumberland NE62 5RA (GB).
- (74) **SANDERSON, Michael, J.;** 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E04G
(11) WO 03/080959 (13) A2
(21) PCT/DE03/00606
- (22) 26 Feb/fév 2003 (26.02.2003)
- (25) de (26) de
- (30) 102 13 038.8 22 Mar/mar 2002 DE (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) ● AUTOMATIC CONCRETE PUMP
● POMPE A BETON AUTOMATIQUE
- (71) **TBG TRANSPORTBETON RHEINHESSEN** [DE/DE]; GmbH & Co KG, Felix-Wankel-Str. 2, 55545 Bad Kreuznach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DANY, Wolfgang** [DE/DE]; Ziegelhütte 3, 55452 Windesheim (DE).
LAHR, Edgar [DE/DE]; Rieslingweg 11, 55232 Alzey-Weinheim (DE).
- (74) **BECKER, Bernd;** Becker & Aue, Saarlandstr. 66, 55411 Bingen (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E04G 15/06
(11) WO 03/080960 (13) A1
(21) PCT/FR03/00876
(22) 19 Mar/mar 2003 (19.03.2003)
(25) fr (26) fr
(30) 02/04281 21 Mar/mar 2002 FR (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) ● CONNECTOR BOX FOR A CONCRETE SLAB
● BOITE DE RACCORDEMENT POUR DALLE EN BETON
- (71, 72) **BLOT Philippe, Gérard** [FR/FR]; Le Haras, Frichemesnil, 76690 Cleres (FR).
- (74) **Cabinet Argos Innovation & Associes et al.** / etc.; 5bis, avenue Gilles, F-94340 Joinville Le Pont (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)

- (51)⁷ E04G 21/14
 (11) WO 03/080961 (13) A1
 (21) PCT/SE03/00213
 (22) 10 Feb/fév 2003 (10.02.2003)
 (25) sv (26) en
 (30) 0200917-3 26 Mar/mar 2002 SE
 (26.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • CONSTRUCTION FOR CASTING OF CONCRETE WALLS BESIDE THE HOUSE CONSTRUCTION
 • STRUCTURE PERMETTANT DE COULER DES PAROIS DE BETON A PROXIMITE DU CHANTIER D'UN BATIMENT
 (71) RAFTING, Bertil [SE/SE]; Moranvägen 20 A, S-133 33 Saltsjöbaden (SE).
 (71) SUTONG AB [Stateless / apatride/--]; Moranvägen 20A, S-133 33 Saltsjöbaden (SE).
(for all designated States except / pour tous les États désignés sauf US)
 (71, 72) HEDEN, Kjell [SE/SE]; Skyttevägen 10, S-134 37 Gustavsberg (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E04H
 (11) WO 03/080962 (13) A2
 (21) PCT/US03/08040
 (22) 14 Mar/mar 2003 (14.03.2003)
 (25) en (26) en
 (30) 10/103,600 19 Mar/mar 2002 US
 (19.03.2002)
 (30) 10/372,549 24 Feb/fév 2003 US
 (24.02.2003)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • WAVE FORMING APPARATUS AND METHOD
 • APPAREIL ET PROCEDE DE FORMATION DE VAGUES
 (71, 72) McFARLAND, Bruce, C. [US/US]; 615 Marvista Dr., Solana Beach, CA 92075 (US).
 (74) McKiernan, Colleen, J.; Brown Martin Haller & McClain, 1660 Union 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E04H 1/04
 (11) WO 03/080963 (13) A1
 (21) PCT/CN02/00656
 (22) 13 Sep/sep 2002 (13.09.2002)
 (25) zh (26) zh
 (30) 02 1 03770.1 21 Mar/mar 2002 CN
 (21.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • ECOTYPIC CONSTRUCTURE WITH MULTI FUNCTION
 • CONSTRUCTION ECOTYPIQUE PLURIFONCTIONNELLE
 (71, 72) HU, Shiyang [CN/CN]; Room 0424, Bafangyuan, Guobin Hotel Diaoyutai, No. 2 Fucheng Road, Haidian District, Beijing 100830 (CN).
 (74) CHINA SINDA INTELLECTUAL PROPERTY LTD.; Suite 1300, China Garment Mansion, No. 99 Jianguo No. 99 Jianguo Road, Chaoyang District, 100020 Beijing (CN).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E04H 1/12, 1/14, G07F 11/46
 (11) WO 03/080964 (13) A1
 (21) PCT/IB02/00925
 (22) 26 Mar/mar 2002 (26.03.2002)
 (25) en (26) en
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • SMART SERVICE POINT
 • UNITE DE SERVICE INTELLIGENTE
 (71, 72) HATZOR, Eran, Golan [IL/IL]; 18 Simtat Hagiva, 56530 Savion (IL).
 (74) REINHOLD COHN AND PARTNERS; P.O. Box 4060, 61040 Tel-Aviv (IL).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM 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 HU 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)⁷ E04H 5/02, E04B 1/348
 (11) WO 03/080965 (13) A1
 (21) PCT/HU03/00023
 (22) 24 Mar/mar 2003 (24.03.2003)
 (25) en (26) en
 (30) P0201065 25 Mar/mar 2002 HU
 (25.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • A PREFABRICATED TOWER FOUNDATION COMPRISING EQUIPMENT SHELTERS AND A METHOD FOR ITS DEPLOYMENT ON SITE
 • FONDATION PREFABRIQUEE DE TOUR COMPRENANT DES ABRIS D'EQUIPEMENT ET PROCEDE DE DEPLOIEMENT SUR SITE
 (71, 72) SILBER, Meir [HU/HU]; Kő u. 25, H-1028 Budapest (HU).
 (74) DANUBIA PATENT TRADEMARK ATTORNEYS et al. / etc.; Bajcsy-Zsilinszky út 16, H-1051 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ E04H 9/12
 (11) WO 03/080966 (13) A1
 (21) PCT/EP03/02828
 (22) 18 Mar/mar 2003 (18.03.2003)
 (25) en (26) en
 (30) 0207254.4 27 Mar/mar 2002 GB
 (27.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • BARRIER-PROTECTED CONTAINER
 • CONTENEUR BLINDE
 (71) COMPOSHIELD A/S [DK/DK]; Lucernevej 11, DK-9320 Hjøllrup (DK).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) LANGE-KORNBACK, Dan [DK/DK]; Hejrevej 26, 3, DK-2400 Copenhagen NV (DK). BONDE, Hans, Soeren [DK/DK]; Composhield A/S, Lucernevej 11, DK-9320 Hjøllrup (DK). NIELSEN, Lars [DK/DK]; Composhield A/S, Lucernevej 11, DK-9320 Hjøllrup (DK). KELTER-WESEBBERG, Niels [DK/DK]; Composhield A/S, Lucernevej 11, DK-9320 Hjøllrup (DK).
 (74) WALLS, Alan, James; K R Bryer & Co., 7 Gay Street, Bath BA1 2PH (GB).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ E04H 15/20, E04B 2/02

(11) WO 03/080967

(13) A1

(21) PCT/DE03/00948

(22) 21 Mar/mar 2003 (21.03.2003)

(25) de

(26) de

(30) 102 14 030.8 27 Mar/mar 2002 DE
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • BUILDING COMPONENT AND
METHOD FOR THE PRODUCTION
THEREOF

- COMPOSANT ET SON PROCÉDE DE
PRODUCTION

(71, 72) REINHARDT, Franz-Josef [DE/DE];
Rote Str. 16, 37073 Göttingen (DE).

(74) SCHNEIDER, Peter; Fiedler, Ostermann
und Schneider, Obere Karspüle 41, 37073
Göttingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ E05B 15/02, A47B 95/04

(11) WO 03/080968

(13) A1

(21) PCT/AU03/00267

(22) 5 Mar/mar 2003 (05.03.2003)

(25) en

(26) en

(30) PS 1356 25 Mar/mar 2002 AU
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • CONCEALED DOOR FURNITURE FIX-
ING METHOD AND ASSEMBLY

- ENSEMBLE ET PROCÉDÉ DE FIXA-
TION DE PAUMELLE DE PORTE INVI-
SIBLE

(71) LOCKWOOD SECURITY PRODUCTS
PTY LIMITED [AU/AU]; Edward Street,
Huntingdale, Victoria 3166 (AU).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BLIGHT, Brian [AU/AU]; 11 Ludwell
Crescent, Bentleigh East, Victoria 3165 (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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ E05B 21/00

(11) WO 03/080969

(13) A1

(21) PCT/FI03/00196

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en

(26) en

(30) 20020587 27 Mar/mar 2002 FI
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • IMPROVED DISC TUMBLER LOCK

- SERRURE A CLAVETTES AMELIO-
REE

(71) BJÖRKBODA LÅS OY AB [FI/FI]; Drags-
fjärd, FIN-25860 Björkboda (FI).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LINDSTRÖM, Marko [FI/FI]; Smed-
skullantie 5 B, FIN-25860 Björkboda (FI).

(74) AWEK INDUSTRIAL PATENTS LTD
OY; P.O.Box 230 (John Stenbergin ranta 2),
FIN-00101 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 NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ E05B 49/00, G07F 17/12

(11) WO 03/080970

(13) A1

(21) PCT/JP03/03799

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja

(26) ja

(30) 2002-89360 27 Mar/mar 2002 JP
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ELECTRONIC LOCKING SYSTEM,
LOCKING MANAGEMENT DEVICE,
LOCKING DEVICE MANAGEMENT
METHOD, AND PROGRAM

- SYSTEME DE VERROUILLAGE ELEC-
TRONIQUE, DISPOSITIF DE GESTION
DU VERROUILLAGE, PROCÉDE DE
GESTION DU DISPOSITIF DE GES-
TION DU VERROUILLAGE ET PRO-
GRAMME

(71) KONAMI CORPORATION [JP/JP]; 2-4-1,
Marunouchi, Chiyoda-ku, Tokyo 100-6330
(JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SHITAN, Yasuhiro [JP/JP]; c/o KON-
AMI CORPORATION, 2-4-1, Marunouchi,
Chiyoda-ku, Tokyo 100-6330 (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 KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ E05B 65/10

(11) WO 03/080971

(13) A1

(21) PCT/KR03/00592

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ko

(26) en

(30) 10-2002-0016083 25 Mar/mar 2002 KR
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • SYSTEM AND METHOD FOR OPEN-
ING AN EMERGENCY GATE USING
FIRE ELECTRICITY LINES

- SYSTEME ET PROCÉDE D'OUVER-
TURE D'UNE PORTE DE SECOURS
A L'AIDE DE LIGNES ELECTRIQUES
DE SECOURS

(71, 72) SEO, Kyung-Jong [KR/KR]; 304
Artvilla, 777 Yeoksam-dong, Gangnam-gu,
Seoul 135-080 (KR). SEO, Eul-Soo
[KR/KR]; 598-4 Yanggye-ri, Seong-
nae-myeon, Gochang-gun, Jeonrabuk-do
585-810 (KR).

(74) LEE, Sang-Yong et al. / etc.; 4F., Byukcheon
Bldg., 1597-5 Seocho-dong, Seocho-gu,
Seoul 137-876 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E05B 73/00

- (11) WO 03/080972 (13) A1
(21) PCT/US03/08409
(22) 18 Mar/mar 2003 (18.03.2003)
(25) en (26) en
(30) 60/365,635 18 Mar/mar 2002 US (18.03.2002)
(30) 60/449,101 20 Feb/fév 2003 US (20.02.2003)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • LOCKABLE MERCHANDISE DISPLAY HOOK
• CROCHET DE PRESENTATION DE MARCHANDISES VERROUILLABLE
(71) ALPHA SECURITY PRODUCTS, INC. [US/US]; 6370 Wise Avenue, NW, North Canton, OH 44720 (US).
(72) SEDON, Nicholas, M.; 5208 Sherlin, NW, Massillon, OH 44646 (US). COPEN, Frank, H.; 7304 Newkirk Road, Shreve, OH 44676 (US).
(74) ZOLLINGER, Fred, H., III et al. / etc.; Sand & Sebolt, Aegis Tower, 4940 Munson Street, NW, Suite 1100, Canton, OH 44718 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ E05C 17/54

- (11) WO 03/080973 (13) A1
(21) PCT/GB03/01300
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
(30) 0206524.1 20 Mar/mar 2002 GB (20.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • A DOOR RETAINING DEVICE
• DISPOSITIF D'IMMOBILISATION DE PORTE
(71, 72) HARRIS, Allen, Victor [GB/GB]; 16 Felton Close, Turnford, Hertfordshire EN10 6BT (GB).
(74) WHITAKER, Iain, Mark et al. / etc.; Somerville & Rushton, 45 Grosvenor Road, St Albans AL1 3AW (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E05C 19/18, E05B 65/16, 67/38

- (11) WO 03/080974 (13) A1
(21) PCT/IB02/03104
(22) 4 Jun/juin 2002 (04.06.2002)
(25) en (26) en
(30) 10/105,816 25 Mar/mar 2002 US (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • LOCKING DEVICE FOR LOCK-ROD-TYPE CARGO-CONTAINER CLOSURES
• DISPOSITIF DE VERROUILLAGE POUR DES FERMETURES DE CONTENNEURS DE TYPE TIGE DE VERROUILLAGE
(71) FREIGHT SECURITIES INC. [CA/CA]; Suite 201, 420 Talbot Street, London, Ontario N6A 2S2 (CA).
(72) CANN, Robert; 8 Stuyvesant Place, London, Ontario N6J 3C9 (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) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ E05D 5/02, F16B 12/32, E06B 3/96

- (11) WO 03/080975 (13) A1
(21) PCT/EP03/01835
(22) 24 Feb/fév 2003 (24.02.2003)
(25) de (26) de
(30) 202 04 618.4 22 Mar/mar 2002 DE (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • ARRANGEMENT FOR FIXING FURNITURE FITTINGS TO FRAME PROFILES OF PLATE-TYPE OR BOARD-TYPE FURNITURE ELEMENTS
• DISPOSITIF DE FIXATION DE FERURES DE MEUBLES A DES PROFILES CADRE D'ELEMENTS DE MEUBLES EN FORME DE PLAQUES OU DE PANNEAUX
(71) MEPLA-WERKE LAUTENSCHLÄGER GMBH & CO. KG [DE/DE]; Egerländer Strasse 2, 64354 Reinheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAUTENSCHLÄGER, Gerhard, Wilhelm [DE/DE]; Backhausstrasse 29, 64395 Brensbach (DE).

(74) ZENZ, Joachim, Klaus et al. / etc.; Scheuer-gasse 24, 64673 Zwingenberg (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ E05D 13/00

- (11) WO 03/080976 (13) A1
(21) PCT/EP03/03132
(22) 26 Mar/mar 2003 (26.03.2003)
(25) en (26) en
(30) BL2002A000005 26 Mar/mar 2002 IT (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • BALANCING DEVICE FOR A SUSPENDED ELEMENT
• EQUILIBREUR D'ELEMENT SUSPENDU
(71) BORTOLUZZI MOBILI S.R.L. [IT/IT]; Via Caduti XIV Settembre 1944-n.45, I-32100 Belluno (IT).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BORTOLUZZI, Guido [IT/IT]; Via Caduti XIV Settembre 1944-n.45, I-32100 Belluno (IT).
(74) BESZEDES, Stephan, G.; Münchener Strasse 80a, 85221 Dachau (DE).

(81) BR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : BR EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(s) for the following designations / pour les désignations suivantes : BR EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ E05D 15/06

- (11) WO 03/080977 (13) A1
(21) PCT/US03/04058
(22) 12 Feb/fév 2003 (12.02.2003)
(25) en (26) en
(30) 10/098,384 18 Mar/mar 2002 US (18.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • OVERHEAD GARAGE DOOR WITH DECORATIVE HOUSE FACADE ELEMENTS
• PORTE DE GARAGE BASCULANTE COMPORTANT DES ELEMENTS DE FAÇADE DE MAISON DECORATIFS
(71) FRENCHPORTE, L.L.C. [US]; Penthouse Suite, 121 Congressional Lane, Rockville, MD 20852 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) MAHER, Jennifer, Armstrong [US]; 4015 Oliver Street, Chevy Chase, MD 20815 (US).
- (74) KANDARE, Anthony, W.; Banner & Witcoff, Ltd., Eleventh Floor, 1001 G Steet, N.W., Washington, D.C. 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E06B

(11) WO 03/080978 (13) A2

(21) PCT/US03/08534

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/366,322 21 Mar/mar 2002 US (21.03.2002)

(30) 10/392,021 19 Mar/mar 2003 US (19.03.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • UNIVERSAL BRACKETS FOR ROLLER SHADE
- SUPPORTS UNIVERSELS POUR STORE A ENROULEMENT AUTOMATIQUE

(71) ROLLELEASE, INC. [US/US]; 200 Harvard Avenue, Stamford, CT 06905 (US).

(72) FRACZEK, Richard; 56 Hubbard Avenue, Stamford, CT 06905 (US). GARDELLA, Jo, Ann; 10A Tommys Lane, Norwalk, CT 06850 (US).

(74) CHURCHILL, Raymond, B., Jr. et al. / etc.; Gottlieb, Rackman & Reisman PC, 270 Madison Avenue, New York, NY 10016-0601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E06B

(11) WO 03/080979 (13) A2

(21) PCT/US03/08792

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/366,318 21 Mar/mar 2002 US (21.03.2002)

(30) 10/391,003 18 Mar/mar 2003 US (18.03.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • UNIVERSAL BRACKETING AND CAP SYSTEM FOR MULTIPLE CASSETTE ROLLER SHADE

• SYSTEME UNIVERSEL DE PATTES DE FIXATION ET D'EMBOUTS POUR STORE A ROULEAU A BOITERS MULTIPLES

(71) ROLLELEASE, INC [US/US]; 200 Harvard Avenue, Stamford, CT 06905 (US).

(72) FRACZEK, Richard; 56 Hubbard Avenue, Stamford, CT 06905 (US). CROSS, David; 46 Kings Highway South, Westport, CT 06880 (US). AUSFELD, Jeffrey; 500 Riverside Drive, Apt. 464, New York, NY 10027 (US).

(74) CHURCHILL, Raymond, B., Jr. et al. / etc.; Gottlieb, Rackman & Reisman, PC, 270 Madison Avenue, New York, NY 10016-0601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E06B

(11) WO 03/080980 (13) A2

(21) PCT/US03/08794

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/366,501 20 Mar/mar 2002 US (20.03.2002)

(30) 60/366,502 20 Mar/mar 2002 US (20.03.2002)

(30) 10/393,792 20 Mar/mar 2003 US (20.03.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • SEMI-CORDLESS UNBALANCED SPRING DRIVEN BLIND SYSTEM AND METHODS FOR ADJUSTING AND MAKING SAME

• SYSTEME DE STORE ENTRAINE PAR RESSORTS NON COMPENSES, UTILISANT PARTIELLEMENT LES CORDONS DE TIRAGE, ET PROCEDES DE REGLAGE ET DE FABRICATION

(71) ROLLELEASE INC. [US/US]; 200 Harvard Avenue, Stamford, CT 06905 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) CROSS, David, M.; 96 King's Highway South, Westport, CT 06880 (US). ZAKOWSKI, Joseph, W.; 96 New Norwalk Road, New Canaan, CT 06840 (US). FRACZEK, Richard; 56 Hubbard Avenue,

Stamford, CT 06905 (US). ATHITANG, Amnony; 330 Poplar Street, Bridgeport, CT 06605 (US). BALTA, Martin; 40 Chapel Street, Apt. #211, Milford, CT 06460 (US). CARDELLA, Jo, Ann; 10A Tommys Lane, Norwalk, CT 06850 (US). FERRARI, Frank; 130 Big Horn Road, Shelton, CT 06484 (US).

(74) CHURCHILL, Raymond, B., Jr. et al. / etc.; Gottlieb, Rackman & Reisman, P.C., 270 Madison Avenue, New York, NY 10016-0601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E06B

(11) WO 03/080981 (13) A2

(21) PCT/US03/08801

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/366,467 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • A ROLLER SHADE CLUTCH WITH INTERNAL GEARING

• EMBRAYAGE DE STORE A ENROULEMENT AUTOMATIQUE, DOTE D'UN ENGRENAGE INTERNE

(71) ROLLELEASE INC [US/US]; 200 Harvard Avenue, Stamford, CT 06905 (US).

(72) FRACZEK, Richard; 56 Hubbard Avenue, Stamford, CT 06905 (US). BALTA, Martin, M.; 40 Chapel Street, Apt. 211, Milford, CT 06460 (US). CROSS, David, M.; 46 Kings Highway, Westport, CT 06880 (US).

(74) CHURCHILL, Raymond, B., Jr. et al. / etc.; Gottlieb, Rackman & Reisman PC, 270 Madison Avenue, New York, NY 10016-0601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E06B 1/04, E04B 1/00

(11) WO 03/080982 (13) A1

(21) PCT/FI03/00228

- (22) 25 Mar/mar 2003 (25.03.2003)
 (25) fi (26) en
 (30) 20020572 26 Mar/mar 2002 FI (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • PREFABRICATED ELEMENT
 • ELEMENT PREFABRIQUE
- (71) ANTTI-TEOLLISUUS OY [FI/FI]; Koskentie 89, FIN-25340 Kanunki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKKINEN, Markko [FI/FI]; Karistojantie 32, FIN-24280 Salo (FI).
- (74) TURUN PATENTTITOIMISTO OY; P.O. Box 99, FIN-20521 Turku (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E06C 1/52
 (11) WO 03/080983 (13) A1
 (21) PCT/US02/08531
- (22) 19 Mar/mar 2002 (19.03.2002)
 (25) en (26) en
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • FLEXIBLE LADDER
 • ECHELLE FLEXIBLE
- (71, 72) BOGARDUS, VanNess, H. [US/US]; 22359 Iron Horse Drive, Grass Valley, CA 95949 (US).
- (74) HEISLER, Bradley, P.; Heisler & Associates, Suite 300, 3017 Douglas Blvd., Roseville, CA 95661 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E06C 7/42
 (11) WO 03/080984 (13) A1
 (21) PCT/GB03/01191
- (22) 19 Mar/mar 2003 (19.03.2003)
 (25) en (26) en
 (30) 0206438.4 19 Mar/mar 2002 GB (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • IMPROVEMENTS IN OR RELATING TO LADDERS
 • AMELIORATIONS AUX ECHELLES OU LES CONCERNANT
- (71, 72) JONES, Roy [GB/GB]; 20 Beech Walk, Kings Norton, Birmingham B38 9EF (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ E21B
 (11) WO 03/080985 (13) A2
 (21) PCT/US03/08382
- (22) 18 Mar/mar 2003 (18.03.2003)
 (25) en (26) en
 (30) 60/319,147 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • STACKED DRILL BIT AND TOROIDAL REAMER AND METHOD
 • TREPAN ET ALESEUR TOROIDAL EMPILES, ET PROCEDE
- (71, 72) RIVES, Allen, Kent [US/US]; 11831 Pebbleton, Houston, TX 77007 (US).
- (74) DICKINSON, David et al. / etc.; Lundeen & Dickinson, LLP, P.O. Box 131144, Houston, TX 77219-1144 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E21B
 (11) WO 03/080986 (13) A2
 (21) PCT/US03/08626
- (22) 19 Mar/mar 2003 (19.03.2003)
 (25) en (26) en
 (30) 10/103,056 20 Mar/mar 2002 US (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • BOOM TYPE POWER TONG POSITIONER
 • CLE A COMMANDE HYDROPNEUMATIQUE DU TYPE FLECHE
- (71, 72) ROGERS, Tommie, L. [US/US]; 702 Crestlawn Drive, Lafayette, LA 70503 (US).
- (74) LAMBERT, Jesse, D.; P.O. Box 3507, Lafayette, LA 70502-3507 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E21B 7/06, 25/00
 (11) WO 03/080987 (13) A1
 (21) PCT/BE03/00054
- (22) 25 Mar/mar 2003 (25.03.2003)
 (25) fr (26) fr
 (30) 2002/0223 27 Mar/mar 2002 BE (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • METHOD AND DEVICE FOR CORING AND/OR DIRECTIONAL DRILLING
 • PROCÉDÉ ET DISPOSITIF DE CAROTAGE ET/OU FORAGE DÉVIÉ
- (71) HALLIBURTON ENERGY SERVICES, INC. [US/US]; 10200 Bellaire Boulevard, Houston, TX 77072-5299 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FANUEL, Philippe [BE/BE]; Rue du Bourgmestre 18, B-1050 Bruxelles (BE). DECHIEF, Georges [BE/BE]; Rue Mauvinage 60, B-7830 Silly (BE). QUINTANA, Luis [ES/BE]; Rue Schuermans 12, B-1090 Bruxelles (BE).
- (74) CLAEYS, Pierre et al. / etc.; Gevers & Vander Haeghen, Holidaystraat 5, B-1831 Diegem (BE).
- (81) CA NO US.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ E21B 7/06, 44/00, 47/022
 (11) WO 03/080988 (13) A2
 (21) PCT/EP03/03202
- (22) 27 Mar/mar 2003 (27.03.2003)
 (25) de (26) de
 (30) 102 13 770.6 27 Mar/mar 2002 DE (27.03.2002)

- (30) 103 09 144.0 **28 Feb/fév 2003** DE
(**28.02.2003**)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DRILL HEAD AND METHOD FOR CONTROLLED HORIZONTAL DRILLING
• TETE DE FORAGE POUR LE FORAGE HORIZONTAL COMMANDE
- (71) TRACTO- TECHNIK GMBH [DE/DE]; Reiherstrasse 2, 57368 Lennestadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BAYER, Hans-Joachim [DE/DE]; Bergstrasse 13A, 76275 Ettlingen (DE). KOCH, Elmar [DE/DE]; Oberlandenbeck 12, 59889 Eslohe (DE). RAMEIL, Meinolf [DE/DE]; In den Peilen 26, 57368 Lennestadt (DE).
- (74) KÖNIG, Reimar et al. / etc.; Lohengrinstrasse 11, 40549 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E21B 17/05, F16D 3/221
- (11) WO 03/080989 (13) A1
- (21) PCT/GB03/01131
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) en (26) en
- (30) 10/102,167 **20 Mar/mar 2002** US
(**20.03.2002**)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DOWNHOLE UNIVERSAL JOINT ASSEMBLY
• ENSEMBLE JOINT UNIVERSEL DE FOND DE TROU
- (71) WEATHERFORD/LAMB, INC. [US/US]; 515 Post Oak Blvd, Suite 600, Houston, TX 77027 (US).
- (71) HARDING, Richard, Patrick [GB/GB]; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford, Oxfordshire OX4 2RU (GB).
(only for / seulement pour IS)
- (72) SHAW, Joel, David; 7530 Deep Forest, Houston, TX 77088 (US).
- (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E21B 19/22
- (11) WO 03/080990 (13) A1
- (21) PCT/GB03/01195
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 0206414.5 **19 Mar/mar 2002** GB
(**19.03.2002**)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A TUBING INJECTOR
• INJECTEUR A CUVELAGE
- (71) WEATHERFORD/LAMB, INC. [US/US]; 515 Post Oak Boulevard, Suite 600, Houston, TX 77072 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SIMPSON, Neil, Andrew, Abercrombie [GB/GB]; Burn of Daff Farm, Downies, Portlethen, Aberdeen AB12 4QX (GB). MACKAY, Alexander, Craig [GB/GB]; 20 Grant Road, Banchory, Aberdeenshire AB31 5UR (GB).
- (74) MacDOUGALL, Donald, Carmichael et al. / etc.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E21B 21/00, 21/015
- (11) WO 03/080991 (13) A1
- (21) PCT/US03/08038
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) en (26) en
- (30) 60/365,367 **18 Mar/mar 2002** US
(**18.03.2002**)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SYSTEM AND METHOD FOR RECOVERING RETURN FLUID FROM SUBSEA WELLBORES
• SYSTEME ET PROCEDE DE RECUPE- RATION DU FLUIDE DE RETOUR DE PUITTS DE FORAGE SOUS-MARINS
- (71) BAKER HUGHES INCORPORATED [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).
- (72) FONTANA, Peter; Rubensstraat 41, 1 Floor, NL-1077 MJ Amsterdam (NL).
- (74) RIDDLE, J., Albert et al. / etc.; Baker Hughes Incorporated, 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ E21B 23/02
- (11) WO 03/080992 (13) A1
- (21) PCT/US03/08170
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) en (26) en
- (30) 60/365,488 **18 Mar/mar 2002** US
(**18.03.2002**)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FULL BORE SELECTIVE LOCATION AND ORIENTATION SYSTEM
• SYSTEME SELECTIF DE LOCALISA- TION ET D'ORIENTATION A PASSAGE INTEGRAL
- (71) BAKER HUGHES INCORPORATED [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).
- (72) WESTGARD, David, J.; 14427 Cypress Falls Drive, Cypress, TX 77249 (US). VARCHETTA, Luca; Via Bertina, 38, I-0102 Montefiascone (IT).
- (74) CARSON, Matt, W. et al. / etc.; Baker Hughes Incorporated, 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- (51)⁷ E21B 43/04, 23/02
- (11) WO 03/080993 (13) A1
- (21) PCT/US03/08661
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 10/102,983 **21 Mar/mar 2002** US
(**21.03.2002**)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPLICATION FOR OPEN HOLE GRAVEL PACKING

- PROCEDE ET APPLICATION DE GRAVILLONNAGE DES CREPINES DE TROU NON SONDE

(71) BAKER HUGHES INCORPORATED [US/US]; Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

(72) BAYNE, Christian, F.; 15 Eagle Rock Place, The Woodlands, TX 77381 (US). HILL, Leo, E., Jr.; 27162 Afton Way, Huffman, TX 77336 (US).

(74) RIDDLE, J., Albert et al. / etc.; Baker Hughes Incorporated, Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E21B 43/10, 29/10, 4/10, 4/14

(11) WO 03/080994 (13) A1

(21) PCT/GB03/01226

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 0206814.6 22 Mar/mar 2002 GB (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A METHOD FOR DEFORMING A TUBULAR MEMBER

- PROCEDE DE DEFORMATION D'UN ELEMENT TUBULAIRE

(71) ANDERGAUGE LIMITED [GB/GB]; Badentoy Avenue, Badentoy Industrial Park, Portlethen, Aberdeen AB12 4YB (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EDDISON, Alan, Martyn [GB/GB]; Stanley Cottage, Smiddy Road, Drumlithie, Stonehaven AB39 3YS (GB). LATIMER, Richard [GB/GB]; 32 North Deeside Road, Peterculter, Aberdeen AB14 0QP (GB).

(74) FITZPATRICKS; 4 West Regent Street, Glasgow G2 IRS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E21B 43/26, 43/25, 43/22, C09K 3/00

(11) WO 03/080995 (13) A1

(21) PCT/EP03/02145

(22) 3 Mar/mar 2003 (03.03.2003)

(25) en (26) en

(30) 10/103,221 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CONCENTRATED SUSPENSIONS

- SUSPENSIONS CONCENTREES

(71) SOFITECH N.V. [BE/BE]; 140 rue de Stalle, B-1180 Brussels (BE).

(only for / seulement pour AE AG AL AU BA BB BE BF BG BJ BR BZ CF CG CH CI CM CN CO CR CU CY CZ DM DZ EC EE ES FI GA GD GE GH GM GN GQ GR GW HU ID IE IL IN IS KE KP LC LK LR LS LT LU LV MA MC MG MK ML MN MR MW MX MZ NE OM PH PT SC SD SE SG SI SK SL SN SZ TD TG TN TR TT TZ UG UZ VC VN YU ZM ZW)

(71) SCHLUMBERGER CANADA LIMITED [CA/CA]; Eau Claire Place I, 525 3rd Avenue, SW, Calgary, Alberta T2P004 (CA).

(only for / seulement pour CA)

(71) SERVICES PETROLIERS SCHLUMBERGER [FR/FR]; 42 rue Saint Dominique, F-75007 Paris (FR).

(only for / seulement pour FR)

(71) SCHLUMBERGER TECHNOLOGY B.V. [NL/NL]; Parkstraat 83-89, NL-2514 JG The Hague (NL).

(only for / seulement pour AM AT AZ BY DE DK HR IT KG KR KZ MD NO NZ PL RO RU TJ TM UA ZA)

(71) SCHLUMBERGER HOLDINGS LIMITED [—/—]; P. O. Box 71, Craigmuir Chambers, Road Town, Tortola (VG).

(only for / seulement pour GB JP NL)

(72) PARRIS, Michael; 36 East Kitty Hawk, Richmond, TX 77469 (US). ROBINSON, Geoff; 9107 Woodhouse Drive, Spring, TX 77379 (US).

(74) MENES; Etudes et Productions Schlumberger, 1, rue Henri Becquerel, BP 202, F-92142 Clamart (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E21B 47/022, G01S 13/76, G01V 3/12

(11) WO 03/080996 (13) A1

(21) PCT/EP03/03199

(22) 27 Mar/mar 2003 (27.03.2003)

(25) de (26) de

(30) 102 13 769.2 27 Mar/mar 2002 DE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR DETERMINING THE POSITION OF A DRILL HEAD IN THE GROUND

- PROCEDE PERMETTANT DE DETERMINER LA POSITION D'UNE TETE DE FORAGE DANS LA TERRE

(71) TRACTO-TECHNIK GMBH [DE/DE]; Reiherrstrasse 2, 57368 Lennestadt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAYER, Hans-Joachim [DE/DE]; Bergstrasse 13A, 76275 Ettlingen (DE). KOCH, Elmar [DE/DE]; Oberlandenbeck 12, 59889 Eslohe (DE). RAMEIL, Meinolf [DE/DE]; In den Peilen 26, 57368 Lennestadt (DE).

(74) KÖNIG, Reimar et al. / etc.; Lohengrinstr. 11, 40549 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E21D 9/14

(11) WO 03/080997 (13) A1

(21) PCT/JP03/03559

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(30) 2002-85778 26 Mar/mar 2002 JP (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BUFFER PLATE

- PLAQUE AMORTISSEUSE

(71) CENTRAL JAPAN RAILWAY COMPANY [JP/JP]; 1-4, Meieki 1-chome, Nakamura-ku, Nagoya-shi, Aichi 450-6101 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMAZAKI, Mikio [JP/JP]; c/o Central Japan Railway Company, 1-4, Meieki 1-chome, Nakamura-ku, Nagoya-shi, Aichi 450-6101 (JP). SUZUKI, Masashi [JP/JP]; c/o Central Japan Railway Company, 1-4, Meieki 1-chome, Nakamura-ku, Nagoya-shi, Aichi 450-6101 (JP). KATO, Satoru [JP/JP]; c/o Central Japan Railway Company, 1-4, Meieki 1-chome, Nakamura-ku, Nagoya-shi, Aichi 450-6101 (JP). OGAWA, Takanobu [JP/JP]; c/o Seikei University, 3-1, Kichijoji-kitamachi 3-chome, Musashino-shi, Tokyo 180-8633 (JP). WAKAHARA, Toshihiro [JP/JP]; c/o Ohsaki Research Institute,

- Inc., 2-2, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP). TANAKA, Toshimitsu [JP/JP]; c/o Kobe Steel, Ltd., 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 (JP).
- (74) ADACHI, Tsutomu; Nagoyaseni Bldg. 7F, 9-27, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ F01D 5/18
- (11) WO 03/080998 (13) A1
- (21) PCT/CH03/00134
- (22) 21 Feb/fév 2003 (21.02.2003)
- (25) de (26) de
- (30) 507/02 25 Mar/mar 2002 CH (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COOLED TURBINE BLADE
• AUBE DE TURBINE REFROIDIE
- (71) ALSTOM (SWITZERLAND) LTD [CH/CH]; Brown Boveri Strasse 7, 5401 Baden (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FRIED, Reinhard [DE/CH]; Stockackerstrasse 3A, 5415 Nussbaumen (CH). WETTSTEIN, Hans [CH/CH]; Clarastrasse 12, 5442 Fislisbach (CH).
- (74) ALSTOM (SWITZERLAND) LTD; CHSP Intellectual Property, Brown Boveri Str. 7/699/5, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F01D 17/14, 17/16, 9/02
- (11) WO 03/080999 (13) A1
- (21) PCT/EP03/00826
- (22) 28 Jan/jan 2003 (28.01.2003)
- (25) de (26) de
- (30) 102 12 675.5 22 Mar/mar 2002 DE (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • EXHAUST GAS TURBOCHARGER IN AN INTERNAL COMBUSTION ENGINE
• TURBOCOMPRESSEUR A GAZ D'ÉCHAPPEMENT DANS UN MOTEUR A COMBUSTION INTERNE
- (71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ERDMANN, Wolfgang [DE/DE]; Wigandstrasse 4, 70439 Stuttgart (DE). FINGER, Helmut [DE/DE]; Bergstrasse 73, 70711 Leinfelden-Echterdingen (DE). FLEDERSBACHER, Peter [IT/DE]; Fred-Uhlman-Strasse 1, 70619 Stuttgart (DE). SUMSER, Siegfried [DE/DE]; Im unteren Kienle 9, 70184 Stuttgart (DE).
- (74) SCHRAUF, Matthias; DaimlerChrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
-
- Published / Publiée : (a)
- (51)⁷ F01N 3/023
- (11) WO 03/081000 (13) A1
- (21) PCT/GB03/01165
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 0206613.2 21 Mar/mar 2002 GB (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • EXHAUST SYSTEM FOR AN INTERNAL COMBUSTION ENGINE
• SYSTEME D'ÉCHAPPEMENT POUR MOTEUR A COMBUSTION INTERNE
- (71) JOHNSON MATTHEY PUBLIC LIMITED COMPANY [GB/GB]; 2-4 Cockspur Street, Trafalgar Square, London SW1Y 5BQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ALLANSSON, Ronny [SE/SE]; Norra Annebergsvagen 123, S-434 96 Kungälv (SE). LAVENIUS, Mats, Ragnar, Fredrik [SE/SE]; Vandstensvagen 13, S-433 30 Partille (SE). WALKER, Andrew, Peter [GB/GB]; 57 Bramley Avenue, Melbourn, Royston SG8 6HG (GB).
- (74) NUNN, Andrew, Dominic; Johnson Matthey Technology Centre, Blounts Court, Sonning Common, Reading RG4 9NH (GB).
- (81) CA JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ F01N 3/28
- (11) WO 03/081001 (13) A1
- (21) PCT/JP03/03495
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) ja (26) ja
- (30) 2002-81237 22 Mar/mar 2002 JP (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HONEYCOMB FILTER FOR CLARIFICATION OF EXHAUST GAS
• FILTRE EN NID D'ABEILLE POUR CLARIFICATION DE GAZ D'ÉCHAPPEMENT
- (71) IBIDEN CO., LTD. [JP/JP]; 1, Kandacho 2-chome, Ogaki-shi, Gifu 503-8004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHIBATA, Toshiaki [JP/JP]; c/o IBIDEN CO., LTD. Ogakikita Kojo, 1-1, Kitagata, Ibigawacho, Ibi-gun, Gifu 501-0695 (JP).
- (74) YASUTOMI, Yasuo; Chuo BLDG., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- Published / Publiée : (b)
- (51)⁷ F01N 7/10, G01H 15/00, F16L 55/24
- (11) WO 03/081002 (13) A1
- (21) PCT/CA03/00314
- (22) 6 Mar/mar 2003 (06.03.2003)
- (25) en (26) en
- (30) 2,378,791 25 Mar/mar 2002 CA (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD OF DETECTION OF FLOW DUCT OBSTRUCTION
• PROCÉDE DE DETECTION D'UNE OBSTRUCTION DANS UNE CANALISATION
- (71) MCMMASTER UNIVERSITY [CA/CA]; 1280 Main Street, West, Hamilton, Ontario L8S 4L8 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZIADA, Samir [CA/CA]; 43 Kirby Avenue, Dundas, Ontario L9H 6H6 (CA).
- (74) DEKLEINE, Geoffrey, B., C. et al. / etc.; Sim & Mcburney, 6th Floor, 330 University Ave., Toronto, Ontario M5G 1R7 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F01P 7/00
- (11) WO 03/081003 (13) A2
- (21) PCT/FR03/00951
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) fr (26) fr
- (30) 02/03767 26 Mar/mar 2002 FR (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ELECTRICALLY CONTROLLED VALVE FOR FLUID CIRCULATION
• VANNE A COMMANDE ELECTRIQUE POUR CIRCULATION DE FLUIDE
- (71) VALEO THERMIQUE MOTEUR [FR/FR]; 8, rue Louis Lormand, F-78321 La Verrière (FR).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **CHANFREAU, Matthieu** [FR/FR]; 22, rue du Rouet, F-78650 Saulx Marchais (FR).
GILLE, Gérard [FR/FR]; Rue de la Charnie, F-53270 Thorigné en Charnie (FR).
- (74) **ROLLAND, Jean-Christophe**; Valeo Thermique Moteur, 8, rue Louis Lormand, F-78321 La Verrière (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02B 29/04

(11) WO 03/081004 (13) A1

(21) PCT/KR03/00482

(22) 12 Mar/mar 2003 (12.03.2003)

(25) ko (26) en

(30) 10-2002-0016689 27 Mar/mar 2002 KR (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • INTAKE AIR SYSTEM
• SYSTEME DE PRISE D'AIR

(71, 72) **YU, Chang-Ho** [KR/KR]; A-402 Daedo Villa, 50, Dongrim-ri, Mohyun-myun, Yon-gin-city, Kyungki-do 449-853 (KR).

(74) **LEE, Young-Pil**; The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu, Seoul 137-874 (KR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02D 33/02, F02B 23/00, 37/12, 37/007, 37/24, F02D 41/00

(11) WO 03/081005 (13) A1

(21) PCT/FR03/00839

(22) 17 Mar/mar 2003 (17.03.2003)

(25) fr (26) fr

(30) 02/03535 21 Mar/mar 2002 FR (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • SYSTEM AND METHOD FOR CONTROLLING AN ENGINE WHICH IS SUPERCHARGED WITH AIR BY TWO TURBOCOMPRESSORS

- SYSTÈME AND PROCÉDÉ DE COMMANDE D'UN MOTEUR SURALIMENTÉ EN AIR PAR DEUX TURBOCOMPRESSEURS

(71) **RENAULT S.A.S.** [FR/FR]; 13-15, quai Alphonse le Gallo, F-92100 Boulogne Billancourt (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FONTVIEILLE, Laurent** [FR/FR]; 159 avenue Gabriel Péri, F-91700 Sainte Geneviève des Bois (FR).

(74) **CEMELI, Eric**; Renault Technocentre, TCR AVA 0 56 - See 0267, 1, avenue du Golf, F-78288 Guyancourt (FR).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F02D 41/14, 41/30, 41/00

(11) WO 03/081006 (13) A1

(21) PCT/EP03/02580

(22) 13 Mar/mar 2003 (13.03.2003)

(25) de (26) de

(30) 102 12 515.5 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • METHOD AND DEVICE FOR ADAPTED MANIFOLD PRESSURE PILOT CONTROL
• PROCÉDÉ ET DISPOSITIF DE COMMANDE PILOTE ADAPTEE DE LA PRESSION D'ADMISSION

(71) **BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT** [DE/DE]; Petuel-ring 130, 80809 München (DE).

(72) **EICHLINGER, Erich**; Hoegnerstrasse 23, 85290 Geisenfeld (DE).

(74) **BMW AG**; Patentabteilung, AJ-3, 80788 München (DE).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F02D 41/20, F02M 57/02, 59/46

(11) WO 03/081007 (13) A1

(21) PCT/DE03/01006

(22) 26 Mar/mar 2003 (26.03.2003)

(25) de (26) de

(30) 102 13 874.5 27 Mar/mar 2002 DE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • METHOD AND DEVICE FOR DETECTING THE MOMENT OF IMPACT OF THE VALVE NEEDLE OF A PIEZO CONTROL VALVE
• PROCÉDÉ ET DISPOSITIF DE DETECTION DU MOMENT D'IMPACT DU POINTEAU D'UNE SOUPEPE DE COMMANDE PIEZOELECTRIQUE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEILHARZ, Jörg** [DE/DE]; Am Lap-pjagen 55, 14169 Berlin (DE). **PIRKL, Richard** [DE/DE]; Erhardigasse 13, 93047 Regensburg (DE). **SCHMIDT, Harald** [AT/AT]; Geissfussg. 2/5, A-1100 Wien (AT). **VOIGT, Peter** [DE/DE]; Weisse-Lilien-Strasse 5, 93047 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 HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F02D 41/20, F02M 51/06

(11) WO 03/081008 (13) A1

(21) PCT/JP03/03509

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(30) 2002-86304 26 Mar/mar 2002 JP (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • FUEL INJECTION CONTROLLER AND CONTROLLING METHOD
• CONTROLEUR D'INJECTION DE CARBURANT ET PROCÉDÉ DE COMMANDE

(71) **MIKUNI CORPORATION** [JP/JP]; 13-11, Sotokanda 6-chome, Chiyoda-ku, Tokyo 101-0021 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAZAKI, Shigeru** [JP/JP]; c/o MIKUNI CORPORATION Odawara Branch, 2480, Kuno, Odawara-shi, Kanagawa 250-0055 (JP).

(74) **NISHIYAMA, Yoshiaki**; 6-13, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).

(81) BR CN IN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F02D 41/26, 19/06

(11) WO 03/081009 (13) A1

(21) PCT/US03/03132

(22) 31 Jan/jan 2003 (31.01.2003)

(25) en (26) en

(30) 10/102,400 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • DUAL FUEL ENGINE HAVING MULTIPLE DEDICATED CONTROLLERS CONNECTED BY A BROADBAND COMMUNICATIONS LINK
• MOTEUR A DEUX COMBUSTIBLES COMPORTANT DE MULTIPLES UNITES DE COMMANDE DEDIEES

CONNECTEES AU MOYEN D'UNE
LIAISON DE COMMUNICATIONS A
LARGE BANDE

(71) CLEAN AIR PARTNERS, INC. [US/US];
5066 Santa Fe Street, San Diego, CA 92109
(US).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) WONG, Hoi-Ching [US/US]; 4414 Ute
Drive, San Diego, CA 92117 (US).

(74) NEWHOLM, Timothy, E.; Boyle Fredrick-
son Newholm Stein & Gratz S.C., 250 Plaza,
Suite 1030, 250 East Wisconsin Avenue, Mil-
waukee, 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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02D 41/40, F02B 23/06

(11) WO 03/081010 (13) A1

(21) PCT/EP03/02393

(22) 8 Mar/mar 2003 (08.03.2003)

(25) de (26) de

(30) 102 13 011.6 22 Mar/mar 2002 DE
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SELF-IGNITING INTERNAL COM-
BUSTION ENGINE

• MOTEUR A COMBUSTION INTERNE
A AUTO-ALLUMAGE

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-
plestrasse 225, 70567 Stuttgart (DE).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) HUTMACHER, Rolf [DE/DE];
Frankenstrasse 7, 73630 Remshalden (DE).
KÖNIG, Gerhard [DE/DE]; Am Weiher 2,
73111 Lauterstein (DE). MADERTHANER,
Karl [AT/DE]; Kappelbergstrasse 83, 70327
Stuttgart (DE). RAAB, Alois [DE/DE]; Erd-
beerweg 5, 73560 Böbingen (DE).

(74) KREISER, André et al. / etc.; Daimler-
Chrysler AG, Intellectual Property Manage-
ment, IMP - C106, 70546 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ F02G 1/043

(11) WO 03/081011 (13) A1

(21) PCT/AU03/00380

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) PS 1382 27 Mar/mar 2002 AU
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ENGINE FOR CONVERTING THER-
MAL ENERGY TO STORED ENERGY

• MOTEUR DESTINE A CONVERTIR DE
L'ENERGIE THERMIQUE EN ENER-
GIE EMMAGASINEE

(71, 72) LEWELLIN, Richard, Laurance
[AU/AU]; 4 Gerards Way, Tyabb, VIC 3913
(AU).

(74) DREW, David, Charles et al. / etc.; Patent
Attorney Services, 26 Ellingworth Parade,
Box Hill, VIC 3128 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

*(t) for all designations / pour toutes les
designations*

(u) for / pour US only / seulement

(51)⁷ F02G 5/00, F01B 17/02, 23/08, F04B
27/02, 35/00, F02G 1/04, F01B 29/04

(11) WO 03/081012 (13) A1

(21) PCT/FR03/00898

(22) 21 Mar/mar 2003 (21.03.2003)

(25) fr (26) fr

(30) 02/03554 21 Mar/mar 2002 FR
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • INDIVIDUAL COGENERATION
PLANT AND LOCAL NETWORK

• GROUPE DE COGENERATION INDI-
VIDUEL ET RESEAU DE PROXIMITE

(71) MDI MOTOR DEVELOPEMENT IN-
TERNATIONAL S.A. [LU/LU]; Société
anonyme, 23, rue Beaumont, L - 1219 Lux-
embourg, Grand Duché de Luxembourg
(LU).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) NEGRE, Guy [FR/FR]; Zone indus-
trielle 3405, 4ème avenue, BP 547, F-06516
Carros Cedex (FR). NEGRE, Cyril [FR/FR];
Zone industrielle 3405, 4ème avenue, BP
547, F-06516 Carros Cedex (FR).

(74) NEGRE, Guy; MDI SA, Zone Industrielle
3405, 4e avenue, BP. 547, F-06516 Carros
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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

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 NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)*

*(t) for the following designation / pour la
designation suivante : US*

(u) for / pour US only / seulement

(51)⁷ F02K

(11) WO 03/081013 (13) A2

(21) PCT/US03/02286

(22) 23 Jan/jan 2003 (23.01.2003)

(25) en (26) en

(30) 10/072,690 7 Feb/fév 2002 US
(07.02.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYSTEM AND METHOD OF PULSED
DETONATION INJECTION FOR FLUID
FLOW CONTROL OF INLETS, NOZ-
ZLES, AND LIFT FANS

• SYSTEME ET PROCEDE D'INJECTION
PAR DETONATION A IMPULSIONS
POUR LE CONTROLE DU DEBIT DE
FLUIDE DES ENTREES, DES BUSES
ET DES SOUFFLANTES DE SUSTEN-
TATION

(71) LOCKHEED MARTIN CORPORATION
[US/US]; 6801 Rockledge Drive, Bethesda,
MD 20817 (US).

(72) HUNTER, Louis, G.; 3624 Santa Rita
Drive, Fort Worth, TX 76132-6346 (US).
MILLER, Daniel, N.; 7349 Madrona Drive
N.E., Bainbridge Island, WA 98110 (US).
HAGSETH, Paul, E.; 3105 Spanish Oak
Drive, Fort Worth, TX 76109 (US).

(74) SHOWALTER, Barton, E.; Baker Botts
L.L.P., 2001 Ross Avenue, Suite 600, Dallas,
TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
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
ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK 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 UZ VN YU
ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC

NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ F02M

(11) WO 03/081014 (13) A2

(21) PCT/US03/08550

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/366,039 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYSTEM FOR CALIBRATING AN INTEGRATED INJECTION NOZZLE AND INJECTION PUMP

• SYSTEME DE CALIBRAGE D'UN ENSEMBLE INTEGRE POMPE ET GICLEUR

(71) STANADYNE CORPORATION [US/US]; 92 Deerfield Road, Windsor, CT 06095 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KLOPFER, Kenneth, H. [US/US]; 4 Jennifer Lane, East Hartland, CT 06027 (US). O'BRIEN, Michael [US/US]; 8 Holly Lane, Glastonbury, CT 06033 (US).

(74) MENARD, Thomas, J.; Alix, Yale & Ristas, LLP, 750 Main Street, Hartford, CT 06103-2721 (US).

(81) CN IN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SK TR).

(51)⁷ F02M 29/04

(11) WO 03/081015 (13) A1

(21) PCT/US03/08635

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/101,250 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ANTI-DETONATION FUEL DELIVERY SYSTEM

• SYSTEME DE DISTRIBUTION DE CARBURANT ANTI-DETONATION

(71) BETTER BURN, LLC [US/US]; 1525 Perimeter Pkwy, Suite 225, Huntsville, AL 35806 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DELISLE, Gilles, L. [US/US]; P.O. BOX 849, Mesilla Park, NM 88047 (US).

(74) CLODFELTER, Mark; 555 Sparkman Drive, Suite 1602D, Huntsville, AL 35816 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02M 37/08, F04D 5/00

(11) WO 03/081016 (13) A1

(21) PCT/DE03/00853

(22) 17 Mar/mar 2003 (17.03.2003)

(25) de (26) de

(30) 102 13 995.4 27 Mar/mar 2002 DE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CONNECTOR PIECE FOR A FUEL PUMP

• RACCORD POUR POMPE A CARBURANT

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMIDT, Thomas [DE/DE]; Fossfeld 30, 36282 Hauneck (DE). RIES, Frank-William [DE/DE]; Finkenweg 55, 36251 Bad Hersfeld (DE). MÜHLHAUSEN, Ralf [DE/DE]; Nordstrasse 2, 36199 Rotenburg (DE). BECKER, Dirk [DE/DE]; Ostpreussenstrasse 6, 36179 Bebra (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) BR CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : BR CN JP KR EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(u) for / pour US only / seulement

(51)⁷ F02M 39/00

(11) WO 03/081017 (13) A1

(21) PCT/US03/08572

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/366,054 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • INTEGRATED INJECTION LINE AND INJECTION NOZZLE

• CANAL D'INJECTION INTEGREE ET BUSE D'INJECTION

(71) STANADYNE CORPORATION [US/US]; 92 Deerfield Road, Windsor, CT 06095 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) O'BRIEN, Michael, J. [US/US]; 8 Holly Lane, Glastonbury, CT 06033 (US). MARTIN, Robert, W. [US/US]; 1244 Windsor Avenue, Windsor, CT 06095 (US). KLOPFER,

Kenneth, H. [US/US]; 4 Jennifer Lane, East Hartford, CT 06027 (US).

(74) KELLY, Clifford, P.; Alix, Yale & Ristas, LLP, 750 Main Street, Hartford, CT 06103-2721 (US).

(81) CN IN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ F02M 45/02, 61/16, 45/04, F02D 41/40

(11) WO 03/081018 (13) A1

(21) PCT/EP03/02392

(22) 8 Mar/mar 2003 (08.03.2003)

(25) de (26) de

(30) 102 13 025.6 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SELF-IGNITING INTERNAL COMBUSTION ENGINE

• MOTEUR A COMBUSTION INTERNE A AUTO-ALLUMAGE

(71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLESSING, Matthias [DE/DE]; Tribergle 29, 71409 Schaikeim (DE). KÖNIG, Gerhard [DE/DE]; Am Weiher 2, 73111 Lauterstein (DE). KRÜGER, Christian [DE/DE]; Hoffeld Strasse 264, 70597 Stuttgart (DE). PREISS, Rüdiger [DE/DE]; Uhlandstrasse 5/1, 71364 Winnenden (DE). RAAB, Alois [DE/DE]; Erdbeerweg 5, 73560 Böbingen (DE). SCHNABEL, Martin [DE/DE]; Bischof-Fischer-Strasse 50, 73430 Aalen (DE).

(74) KREISER, André et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F02M 45/08, 61/12

(11) WO 03/081019 (13) A1

(21) PCT/DE03/00695

(22) 3 Mar/mar 2003 (03.03.2003)

(25) de (26) de

(30) 102 13 384.0 26 Mar/mar 2002 DE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FUEL INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES

• SOUPAPE D'INJECTION DE CARBURANT POUR MOTEURS 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)

(71) SANDER-POTZ, Maike (heiress of the deceased inventor / héritière de l'inventeur décédé) [DE/DE]; Zeppelinstr. 105, 70193

- Stuttgart (DE). **POTZ, Wendelin** (heir of the deceased inventor / héritier de l'inventeur décédé) [DE/DE]; Zeppelinstr. 105, 70193 Stuttgart (DE).
(only for / seulement pour US)
- (72) **POTZ, Detlev** (deceased / décédé).
- (72, 75) **KUEGLER, Thomas** [DE/DE]; Siebenmorgenstr. 12, 70825 Korntal-Muenchingen (DE). **NUNIC, Predrag** [BA/DE]; Loebener Str. 38, 70469 Stuttgart (DE).
- (81) CN JP KR PL US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (c)
-
- (51)⁷ F02M 51/06, 61/16, 61/08
(11) WO 03/081020 (13) A1
(21) PCT/DE03/00237
(22) 29 Jan/jan 2003 (29.01.2003)
(25) de (26) de
(30) 102 13 858.3 27 Mar/mar 2002 DE (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(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) **YILDIRIM, Fevzi** [DE/DE]; Friedrich-Schaffert-Strasse 8, 70839 Gerlingen (DE). **HUEBEL, Michael** [DE/DE]; Lorscher Weg 1, 70839 Gerlingen (DE).
- (81) JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
-
- (51)⁷ F02M 55/02, 63/02, 55/04
(11) WO 03/081021 (13) A1
(21) PCT/DE02/04567
(22) 13 Dec/déc 2002 (13.12.2002)
(25) de (26) de
(30) 102 12 876.6 22 Mar/mar 2002 DE (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DEVICE FOR DAMPING VIBRATIONS ON FUEL INJECTION SYSTEMS HAVING A HIGH-PRESSURE ACCUMULATING SPACE
• DISPOSITIF D'AMORTISSEMENT DES VIBRATIONS SUR UN SYSTEME D'INJECTION DE CARBURANT COMPORTANT UN ACCUMULATEUR 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) **BRUEHMANN, Werner** [DE/DE]; Triegelackerstrasse 13, 70499 Stuttgart (DE). **FRANK, Kurt** [DE/DE]; Schelmenwasen 14, 74614 Schorndorf (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
-
- (51)⁷ F02M 61/18
(11) WO 03/081022 (13) A1
(21) PCT/DE03/00040
(22) 9 Jan/jan 2003 (09.01.2003)
(25) de (26) de
(30) 102 13 857.5 27 Mar/mar 2002 DE (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • FUEL INJECTION VALVE
• SOUPAPE D'INJECTION DE CARBURANT
(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(72) **NOWAK, Detlef**; Kappishalde 16, 74199 Untergruppenbach (DE).
- (81) JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
-
- (51)⁷ F02M 61/20, 51/06, 47/02
(11) WO 03/081023 (13) A1
(21) PCT/DE03/00694
(22) 3 Mar/mar 2003 (03.03.2003)
(25) de (26) de
(30) 102 13 382.4 26 Mar/mar 2002 DE (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(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) **UHLMANN, Dietmar** [DE/DE]; Rosenstr. 48, 71404 Korb (DE).
- (81) JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ F02M 61/20
(11) WO 03/081024 (13) A1
(21) PCT/EP03/01101
(22) 5 Feb/fév 2003 (05.02.2003)
(25) de (26) de
(30) 102 13 441.3 26 Mar/mar 2002 DE (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • FUEL INJECTION DEVICE HAVING HYDRAULIC NOZZLE NEEDLE CONTROL
• DISPOSITIF D'INJECTION DE CARBURANT A COMMANDE HYDRAULIQUE DE L'AIGUILLE D'INJECTEUR
(71) **MOTORENFABRICK HATZ GMBH & CO. KG** [DE/DE]; Ernst-Hatz-Strasse 16, 94095 Ruhstorf (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TOVAR, Theodor** [DE/DE]; Südallee 91, 95060 Pocking (DE).
- (74) **Grättinger, Günter** et al. / etc.; Grättinger & Partner (GBR), Postfach 1655, 82306 Starnberg (DE).
- (81) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
-
- (51)⁷ F02M 63/00, 61/20
(11) WO 03/081025 (13) A1
(21) PCT/SE03/00435
(22) 14 Mar/mar 2003 (14.03.2003)
(25) en (26) en
(30) 0200944-7 26 Mar/mar 2002 SE (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • FUEL INJECTION SYSTEM
• SYSTEME D'INJECTION DE CARBURANT
(71) **VOLVO LASTVAGNAR AB** [SE/SE]; S-405 18 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **YUDANOV, Sergi** [SE/SE]; Skratmäsängän 7, S-426 69 Västra Frölunda (SE).
- (74) **FRÖHLING, Werner**; Volvo Technology Corporation, Corporate Patents, 06820, M1.7, S-405 08 Göteborg (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F02N 11/08, 11/10, B60K 28/10
(11) WO 03/081026 (13) A1
(21) PCT/DE03/00524
(22) 20 Feb/fév 2003 (20.02.2003)
(25) de (26) de
(30) 102 12 510.4 21 Mar/mar 2002 DE (21.03.2002)
(30) 102 39 150.5 27 Aug/août 2002 DE (27.08.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • STARTER DEVICE FOR AN INTERNAL COMBUSTION ENGINE AND METHOD FOR STARTING AN INTERNAL COMBUSTION ENGINE
• DISPOSITIF DE DEMARRAGE POUR MOTEUR A COMBUSTION INTERNE ET PROCEDE DE DEMARRAGE 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) **DENZ, Helmut** [DE/DE]; Sonnenbergstrasse 33, 70184 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ F03B 3/18

(11) WO 03/081027 (13) A1

(21) PCT/EP03/03007

(22) 22 Mar/mar 2003 (22.03.2003)

(25) de (26) de

(30) 102 13 774.9 27 Mar/mar 2002 DE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SUPPORT AND GUIDE BLADES FOR A FRANCIS TURBINE

• AUBE ENTRETOISE ET AUBE DIRECTRICE D'UNE TURBINE FRANCIS

(71) **VOITH SIEMENS HYDRO POWER GENERATION GMBH & CO. KG** [DE/DE]; Alexanderstrasse 11, 89522 Heidenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JAEGER, Ernst-Ulrich** [DE/DE]; Hohler Steinweg 9, 89555 Steinheim (DE). **WENGERT, Gerhard** [DE/DE]; Hopfenstrasse 15, 89437 Hannsheim (DE). **OTTO, Armin** [DE/DE]; Weidenweg 4, 89520 Heidenheim (DE). **SEIDEL, Ulrich** [DE/DE]; Kantstrasse 32, 89522 Heidenheim (DE).

(74) **WEITZEL & PARTNER**; Friedenstrasse 10, 89522 Heidenheim (DE).

(81) BR CN IN US.

(51)⁷ F03B 9/00, 17/06, F03D 5/02

(11) WO 03/081028 (13) A1

(21) PCT/RU03/00115

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ru (26) ru

(30) 2002107470 26 Mar/mar 2002 RU (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ENGINE FOR UTILISING ENERGY OF FLOWING MEDIUM

• MOTEUR POUR REUTILISER L'ENERGIE D'UN MILIEU FLUIDE

(71, 72) **ORLOV, Viktor Fedorovich** [RU/RU]; ul. Mikroraiion, 1-52, p. Sofrino, Pushkinsky raion, Moskovskaya obl., 141270 (RU). **KAMENSHIKOV, Igor Alekandrovich** [RU/RU]; ul. Moskovskaya, 3A-36, Ljubertsy, Moskovskaya obl., 140011 (RU).

(74) **TSENTR PO ZASCHITE AVTORSKIKH I PATENTNYKH PRAV "PATENTSERVIS OOO "MEDIUM ALIYANS"**; ul. Petrovka, 26, str.3, offis 232, Moscow, 103051 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F03B 13/26, 17/06

(11) WO 03/081029 (13) A1

(21) PCT/GB03/01171

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 0206623.1 20 Mar/mar 2002 GB (20.03.2002)

(30) 0229783.6 20 Dec/déc 2002 GB (20.12.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • EXTRACTING POWER FROM A FLUID FLOW

• EXTRACTION DE PUISSANCE A PARTIR D'UN ECOULEMENT DE FLUIDE

(71) **HYDROVENTURI LIMITED** [GB/GB]; HEP Group, Room 504, Blackett Laboratory, Imperial College, London SW7 2BX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROCHESTER, Geoffrey, Kenneth** [GB/GB]; 49 Barrington Road, London N8 8QT (GB). **PULLEN, Keith** [GB/GB]; 134 Lynton Road, Acton, London W3 9HH (GB).

(74) **MILLS, Julia**, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F03B 13/26, 17/06

(11) WO 03/081030 (13) A1

(21) PCT/GB03/01173

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 0206623.1 20 Mar/mar 2002 GB (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • EXTRACTING POWER FROM A FLUID FLOW

• EXTRACTION DE PUISSANCE D'UN FLUX DE FLUIDE

(71) **HYDROVENTURI LIMITED** [GB/GB]; HEP Group, Room 504, Blackett Laboratory, Imperial College, London SW7 2BX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROCHESTER, Geoffrey, Kenneth** [GB/GB]; 49 Barrington Road, London N8 8QT (GB). **PULLEN, Keith** [GB/GB]; 134 Lynton Road, Acton, London W3 9HH (GB). **HASSARD, John** [GB/GB]; 2 Fitz James Avenue, Kensington, Olympia, London W14 0RP (GB).

(74) **MILLS, Julia** 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F03B 15/06

(11) WO 03/081031 (13) A1

(21) PCT/US03/08151

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 10/100,368 18 Mar/mar 2002 US (18.03.2002)

(30) 10/162,946 5 Jun/juin 2002 US (05.06.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FLUID DRIVEN VACUUM ENHANCED GENERATOR

• GENERATEUR DE VIDE AMELIORE A COMMANDE HYDRAULIQUE

(71) **FUTURE ENERGY SOLUTIONS INC.** [US/US]; 1621 Jefferson Road, Rochester, NY 14623 (US).

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(72, 75) **BROCK, Gerald, E.** [US/US]; 6053 Ely Avenue, Livonia, NY 14489 (US). **HALTOF, Garry, P.** [US/US]; 40 Rockridge Road, Penfield, NY 14625 (US). **GREENWALD, Howard, J.** [US/US]; 111 Hickory Ridge Road, Rochester, NY 14625 (US).

(74) **GREENWALD, Howard, J.** et al. / etc.; Greenwald & Basch LLP, Suite 2490, 349 West Commercial Street, East Rochester, NY 14445-2408 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F03D 1/00, 7/02, 11/00, H01H 19/18

(11) WO 03/081032 (13) A1

(21) PCT/EP03/03146

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 102 13 501.0 26 Mar/mar 2002 DE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • WIND TURBINE BLADE FEATHERING OVERRIDE
• DISPOSITIF DE NEUTRALISATION DE LA MISE EN DRAPEAU DES PALES D'UNE EOLIENNE

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANEMUELLER, Jochen [DE/DE]; c/o GE Wind Energy GmbH, Holsterfeld 16, 48499 Salzbergen (DE). BECKER, Markus [DE/DE]; c/o GE Wind Energy GmbH, 48499 Salzbergen (DE). KREIMER, Marco [DE/DE]; c/o GE Wind Energy GmbH, 48499 Salzbergen (DE). LUETZE, Henning [DE/DE]; c/o GE Wind Energy GmbH, 48499 Salzbergen (DE). SCHULZ, Johannes [DE/DE]; c/o GE Wind Energy GmbH, 48499 Salzbergen (DE). TEIPEN, Ewald [DE/DE]; c/o GE Wind Energy GmbH, 48499 Salzbergen (DE).

(74) ZIMMERMANN, Gerd et al. / etc.; Zimmermann & Partner, P.O. Box 330 920, 80069 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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F03D 1/04

(11) WO 03/081033 (13) A1

(21) PCT/JP02/13767

(22) 27 Dec/déc 2002 (27.12.2002)

(25) ja (26) ja

(30) 2002-81808 22 Mar/mar 2002 JP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • WIND POWER GENERATOR

• GENERATEUR D'ENERGIE EOLIENNE

(71) KYUSHU TLO COMPANY, LIMITED [JP/JP]; 10-1, Hakozaki 6-chome, Higashi-ku, Fukuoka-shi, Fukuoka 812-0053 (JP).

(72) OHYA, Yuji; 593-17, Ohaza-Haru, Chikushino-shi, Fukuoka 818-0005 (JP). KARASUDANI, Takashi; 1-20-5, Shiojizaka, Umi-machi, Kasuya-gun, Fukuoka 811-2103 (JP). SAKURAI, Akira; 13-21, Yusentei, Jonan-ku, Fukuoka-shi, Fukuoka 814-0122 (JP). INOUE, Masahiro; 3-10-18, Momochi, Sawara-ku, Fukuoka-shi, Fukuoka 814-0006 (JP). FUKAMACHI, Nobutaka; 4-32-29, Kasumigaoka, Higashi-ku, Fukuoka-shi, Fukuoka 813-0003 (JP). WATANABE, Kimihiko; 2054-3, Ohaza-Isomitsu, Miyata-machi, Kurate-gun, Fukuoka 823-0004 (JP).

(74) KATO, Hisashi; Room 1102, Asaco-Hakata Bldg., 11-5, Hakataekihigashi 1-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-0013 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR 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 : (b)

(51)⁷ F03D 3/02, F03G 7/10

(11) WO 03/081034 (13) A1

(21) PCT/JP03/03474

(22) 20 Mar/mar 2003 (20.03.2003)

(25) ja (26) ja

(30) 2002-82659 25 Mar/mar 2002 JP (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • WIND ENERGY CONVERSION DEVICE
• DISPOSITIF DE CONVERSION D'ENERGIE EOLIENNE

(71) SANCRYSTAL CO., LTD. [JP/JP]; 3-22, Tenjinbashi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0041 (JP).

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(72, 75) SUGIMURA, Masahiro [JP/JP]; c/o SanCrystal Co., Ltd., 3-22, Tenjinbashi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0041 (JP).

(74) NISHIKAWA, Yoshikiyo et al. / etc.; Hokuto Patent Attorneys Office, Umeda-Daiichiseimei Bldg. 5F, 12-17, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka 530-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT

RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F03D 3/04, 9/00

(11) WO 03/081035 (13) A1

(21) PCT/JP02/09443

(22) 13 Sep/sep 2002 (13.09.2002)

(25) ja (26) ja

(30) 2002-83328 25 Mar/mar 2002 JP (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • WIND POWER GENERATOR FOR VEHICLE

• GENERATEUR D'ENERGIE EOLIENNE POUR VEHICULE

(71) KANKI, Kenzou [JP/JP]; 6-4-103, Namiki 3-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0005 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NISHIDA, Hareyuki [JP/JP]; c/o SUN-RENTAL CO., LTD., 21-3, Ouzin-cho 1-chome, Nakagawa-ku, Nagoya-shi, Aichi 454-0042 (JP).

(74) ONDA, Hironori; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu 500-8731 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F03G

(11) WO 03/081036 (13) A2

(21) PCT/ES03/00115

(22) 13 Mar/mar 2003 (13.03.2003)

(25) es (26) es

(30) P 200200673 22 Mar/mar 2002 ES (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HYDRODYNAMIC POWER-GENERATING METHOD

• PROCEDE HYDRODYNAMIQUE DE PRODUCTION D'ENERGIE

(71, 72) GONZÁLES MARTÍN, Domingo [ES/ES]; Calle Calderetas, 88, E-35550 San Bartolome (Lanzarote), Las Palmas de Gran Canaria (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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ F03G 5/00, H02J 7/32, H02K 7/18
- (11) WO 03/081037 (13) A1
- (21) PCT/BR02/00044
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DEVICE CARRIER OF ENERGY
• DISPOSITIF DE TRANSMISSION
D'ENERGIE
- (71, 72) RODRIGUES, Avelino [BR/BR]; Rua
Dr Homem de Melo, 1109, Sao Paulo - Sao
Paulo, CEP-05007-002 (BR).
- (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).
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- (51)⁷ F03G 7/00
- (11) WO 03/081038 (13) A1
- (21) PCT/US03/08768
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 60/366,168 21 Mar/mar 2002 US
(21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ELECTRIC POWER AND/OR LIQUE-
FIED GAS PRODUCTION FROM KIN-
ETIC AND/OR THERMAL ENERGY
OF PRESSURIZED FLUIDS
• PRODUCTION D'ENERGIE ELEC-
TRIQUE ET/OU DE GAZ LIQUEFIE A
PARTIR DE L'ENERGIE CINETIQUE
ET/OU THERMIQUE DE FLUIDES
SOUS PRESSION
- (71, 72) HUNT, Robert, D. [US/US]; 23707 Red-
fish Lane, Pass Christian, MS 39571 (US).
- (74) THOMAS, Michael, J. et al. / etc.; Harness,
Dickey & Pierce, P.L.C., 7700 Bonhomme
Avenue, Suite 400, St. Louis, MO 63105
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- (51)⁷ F04B 35/04
- (11) WO 03/081040 (13) A1
- (21) PCT/BR02/00184
- (22) 13 Dec/déc 2002 (13.12.2002)
- (25) en (26) en
- (30) PI 0200898-0 21 Mar/mar 2002 BR
(21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A POSITION SENSOR AND A LINEAR
COMPRESSOR
• CAPTEUR DE POSITION ET COM-
PRESSEUR LINEAIRE
- (71) EMPRESA BRASILEIRA DE COM-
PRESSORES S.A. - EMBRACO [BR/BR];
- CI CM GA GN GQ GW ML MR NE SN TD
TG).
- Published / Publiée : (c)
-
- (51)⁷ F03G 7/06, G02B 26/10
- (11) WO 03/081039 (13) A1
- (21) PCT/EP03/02382
- (22) 8 Mar/mar 2003 (08.03.2003)
- (25) de (26) de
- (30) 102 13 671.8 27 Mar/mar 2002 DE
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ACTUATOR FOR AN OPTICAL-ME-
CHANICAL SCANNER AND A
METHOD USING SAID ACTUATOR
• ACTIONNEUR POUR UN SCANNER
OPTO-MECANIQUE ET PROCEDE
FAISANT APPEL AUDIT ACTION-
NEUR
- (71) FORSCHUNGSZENTRUM KARL-
SRUHE GMBH [DE/DE]; Weberstr. 5,
76133 Karlsruhe (DE).
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les États désignés sauf US)
- (72, 75) KOHL, Manfred [DE/DE]; Adolf-Kolp-
ing-Str. 10, 76149 Karlsruhe (DE). YA-
MAUCHI, Koyoshi [JP/JP]; Tokin Corpora-
tion, 6-7-1 Koriyama, Taihaku-Ku, Sendai
982 (JP). OHTSUKA, Makoto [JP/JP]; To-
hoku University, IMRAM, 2-1-1 Katahira,
Aoba-ku, Sendai 980-8577 (JP). TAKAGI,
Toshiyuki [JP/JP]; Tohoku University, IM-
RAM, 2-1-1 Katahira, Aoba-ku, Sendai
980-8577 (JP).
- (74) FORSCHUNGSZENTRUM KARL-
SRUHE GMBH; Stabsabteilung Marketing,
Patente und Lizenzen, Postfach 3640, 76021
Karlsruhe (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- Rua Rui Barbosa, 1020, CEP-89219-901
Joinville, SC (BR).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) PUFF, Rinaldo [BR/BR]; Rua Jao, 280,
CEP-89220-160 Joinville, SC (BR).
- (74) DANNEMANN, SIEMSEN, BIGLER &
IPANEMA MOREIRA; Caixa Postal 2142,
Rua Marquês de Olinda, 70, CEP-22251-040
Rio de Janeiro, RJ (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 SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT SE SI SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F04B 35/04, 39/00
- (11) WO 03/081041 (13) A1
- (21) PCT/BR03/00041
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) PI 0201189-1 22 Mar/mar 2002 BR
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • RECIPROCATING COMPRESSOR
DRIVEN BY A LINEAR MOTOR
• COMPRESSEUR ALTERNATIF EN-
TRAINE PAR UN MOTEUR LINEAIRE
- (71) EMPRESA BRASILEIRA DE COM-
PRESSORES S/A - EMBRACO [BR/BR];
Rua Rui Barbosa, 1020, 89219-901 Joinville
- SC (BR).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) LILIE, Dietmar, Erich, Bernhard
[BR/BR]; Rua Orestes Guimarães, 904,
89204-060 Joinville - SC (BR).
- (74) ARNAUD, Antonio, M., P. et al. / etc.; Rua
José Bonifácio, 93 - 9th floor, 01003-901 São
Paulo - SP (BR).
- (81) AE AG AL AM AT AU AZ BA BB BG BY
BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG
US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ F04B 39/00
- (11) WO 03/081042 (13) A1
- (21) PCT/TR03/00030
- (22) 25 Mar/mar 2003 (25.03.2003)

- (25) en (26) en
- (30) 2002/00791 **25 Mar/mar 2002** TR
(25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A COMPRESSOR WITH SUCTION MUFFLER STRUCTURE
• COMPRESSEUR MUNI D'UNE STRUCTURE DE SILENCIEUX D'ASPIRATION
- (71) ARÇELİK A.S. [TR/TR]; E5 Ankara Asfaltı üzeri, Tuzla, 34950 İstanbul (TR).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) BIÇER, Sitki [TR/TR]; Arçelik Anonim Şirketi, Kompresör İşletmesi, Sanayi Bölgesi, 26540 Eskisehir (TR). YAROĞLU, Tolga [TR/TR]; Arçelik Anonim Şirketi, Kompresör İşletmesi, Sanayi Bölgesi, 26540 Eskisehir (TR). GÜNAYDIN, Metin [TR/TR]; Arçelik Anonim Şirketi, Kompresör İşletmesi, Sanayi Bölgesi, 26540 Eskisehir (TR).
- (74) ANKARA PATENT BUREAU LIMITED; Şehit Adem Yavuz Sok. No:8/22, Kizilay, 06440 ANKARA (TR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F04B 39/04
- (11) WO 03/081043 (13) A1
- (21) PCT/JP03/02837
- (22) 11 Mar/mar 2003 (11.03.2003)
- (25) ja (26) ja
- (30) 2002-66475 **12 Mar/mar 2002** JP
(12.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COMPRESSOR
• COMPRESSEUR
- (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) KITAMURA, Takeo [JP/JP]; 207-88, Banba-cho, Kusatsu-shi, Shiga 525-0043 (JP). WATANABE, Kenji [JP/JP]; 321-3-3-401, Fuke-cho, Moriyama-shi, Shiga 524-0033 (JP). KAWATA, Takeshi [JP/JP]; 4-11-1-404, Ogaya, Otsu-shi, Shiga 520-2144 (JP). OKUZONO, Kenji [JP/JP]; 1-2-8, Sen-cho, Otsu-shi, Shiga 520-0863 (JP). TSUCHIDA, Nobunao [JP/JP]; 4-1-2, Wakakusa, Kusatsu-shi, Shiga 525-0045 (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.
-
- (51)⁷ F04B 39/12, 39/02
- (11) WO 03/081044 (13) A1
- (21) PCT/TR03/00022
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 2002/00759 **21 Mar/mar 2002** TR
(21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HERMETIC COMPRESSOR
• COMPRESSEUR HERMETIQUE
- (71) ARÇELİK A.S. [TR/TR]; E5 Ankara Asfaltı üzeri, Tuzla, 34950 İstanbul (TR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BIÇER, Sitki [TR/TR]; Arçelik Anonim İrketi, Kompresör Fabrikas, Organize Sanayi Bölgesi, 26540 Eski çhir (TR). YAROĞLU, Tolga [TR/TR]; Arçelik Anonim İrketi, Kompresör Fabrikas, Organize Sanayi Bölgesi, 26540 Eski çhir (TR).
- (74) ANKARA PATENT BUREAU LIMITED; Şehit Adem Yavuz Sok. No:8/22, Kizilay, 06440 ANKARA (TR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ F04B 43/02
- (11) WO 03/081045 (13) A1
- (21) PCT/SG03/00060
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) en (26) en
- (30) 200201762-2 **27 Mar/mar 2002** SG
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • VALVELESS MICROPUMP
• MICROPOMPE SANS SOUPAPE
- (71) INSTITUTE OF HIGH PERFORMANCE COMPUTING [SG/SG]; 1 Science Park Road, #01-01 The Capricorn, Singapore Science Park II, 117528 SG (SG).
- (71, 72) NG, Teng,Yong [SG/SG]; Blk 603, Choa Chu Kang Street 62, #06-49, 680603 SG (SG). XU, Diao [CN/SG]; Blk 53, Teban Gardens Road, #03-604, 600053 SG (SG). LAM, Khin,Yong [SG/SG]; No. 91, Duchess Road, 269015 SG (SG).
- (74) ALLEN & GLEDHILL; 36 Robinson Road, #18-01 City House, Singapore 068877, 068877 SG (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F04B 43/08, 43/00, 43/12
- (11) WO 03/081046 (13) A2
- (21) PCT/US03/07121
- (22) 10 Mar/mar 2003 (10.03.2003)
- (25) en (26) en
- (30) 10/063,109 **21 Mar/mar 2002** US
(21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PUMP AND TUBE SET THEREOF
• POMPE ET ENSEMBLE TUBE ASSOCIE
- (71) ABBOTT LABORATORIES [US/US]; D-377 AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).
- (72) ABRAHAMSON, Kent; 2671 Remington Ct, Morgan Hill, CA 95037 (US). CLINTON, Colm; 16 Ferndale, Cairns Road, Sligo (IE). DUGGAN, Brendan; Glencarne House, Buenos Aires Drive, Standhill Co, Sligo (IE). FABOZZI, Ricky; Breeogue, Knocknahun, Sligo (IE). HALLORAN, Damian; 2703 Lawndale, Evanston, IL 60201 (US). O'DONNELL, Philip; 12 Newton, Grange Co., Sligo (IE). REGAN, Barry; 1839 W Warner, Chicago, IL 60613 (US).
- (74) CRABB, Michael, R. et al. / etc.; D-377 AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F04B 53/10, 39/10, F16K 15/02
- (11) WO 03/081047 (13) A1
- (21) PCT/NO03/00092
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) no (26) en
- (30) 20021434 **21 Mar/mar 2002** NO
(21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • VALVE ARRANGEMENT FOR RECIPROCATING MACHINERY SUCH AS A PUMP AND A COMPRESSOR

- ENSEMBLE A VALVES POUR MACHINE A MOUVEMENT ALTERNATIF TEL QU'UNE POMPE ET UN COMPRESSEUR
- (71) NATIONAL OILWELL NORWAY AS [NO/NO]; Lagerv. 8, N-4033 Stavanger (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MOE, Magne [NO/NO]; Osen 13, N-9414 Harstad (NO). KYLLINGSTAD, Åge [NO/NO]; Barkv. 15, N-4330 Ålgård (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F04C 18/107
- (11) WO 03/081048 (13) A1
- (21) PCT/EP03/01597
- (22) 18 Feb/fév 2003 (18.02.2003)
- (25) de (26) de
- (30) 102 12 940.1 22 Mar/mar 2002 DE (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ECCENTRIC PUMP AND METHOD FOR OPERATION OF SAID PUMP
• POMPE A EXCENTRIQUE ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER LADITE POMPE
- (71) LEYBOLD VAKUUM GMBH [DE/DE]; Bonner Str. 498, 50968 Köln (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DREIFERT, Thomas [DE/DE]; Falkenweg 5, 50171 Kerpen (DE).
- (74) LEINEWEBER, Jürgen; Aggerstr. 24, 50859 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 NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ F04D 15/00
- (11) WO 03/081050 (13) A1
- (21) PCT/IT03/00165
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) BO2002A 000142 22 Mar/mar 2002 IT (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SELF-REGULATING WATER PUMP
• POMPE A EAU A REGULATION AUTOMATIQUE
- (71) PIERBURG S.P.A. [IT/IT]; Zona Industriale-Contrada Cerratina, I-66034 Lanciano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DI NUNZIO, Giuseppe [IT/IT]; Contrada Scaglieroni, 24, I-66030 Treglio (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 NI NO NZ OM PH PL PT RO
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ F15C 5/00
- (11) WO 03/081052 (13) A1
- (21) PCT/GB03/01218
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 0206912.8 23 Mar/mar 2002 GB (23.03.2002)
- (30) 0219092.4 16 Aug/août 2002 GB (16.08.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **MACROMECHANICAL COMPO-NENTS**
• **COMPOSANTS MACROMECA-NIQUES**
- (71) **STARBRIDGE SYSTEMS LIMITED** [GB/GB]; Technium, Kings Road, Swansea SA1 8PH (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SMITH, Kevin** [GB/GB]; c/o Technium, Kings Road, Swansea SA1 8PH (GB). **CE-FAI, Joseph** [GB/GB]; c/o Technium, Kings Road, Swansea SA1 8PH (GB). **SHAPLEY, Julian** [GB/GB]; c/o Technium, Kings Road, Swansea SA1 8PH (GB). **MARTINAU, Peter** [GB/GB]; c/o Technium, Kings Road, Swansea SA1 8PH (GB).
- (74) **STRACHAN, Victoria, Jane**; Urquhart-Dykes & Lord, Alexandra House, Alexandra Road, Swansea SA1 5ED (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16B 2/06, 5/12**
- (11) **WO 03/081053** (13) A1
- (21) PCT/NL03/00226
- (22) **25 Mar/mar 2003 (25.03.2003)**
- (25) nl (26) en
- (30) 1020264 **27 Mar/mar 2002 NL (27.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **SYSTEM AND METHOD FOR FITTING TWO OBJECTS TOGETHER**
• **PROCEDE ET DISPOSITIF POUR FIXER DEUX OBJETS ENTRE EUX**
- (71) **WILDE, DE, Bouwe, Guustaaf, Dirk** [NL/NL]; P.O.Box 132, NL-2160 AC Lisse (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WILDE, DE, Tom, Marnix, Alexander** [NL/NL]; P.O.Box 132, NL-2160 AC Lisse (NL). **WILDE, DE, Jim, Sven, Anthony** [NL/NL]; P.O.Box 132, NL-2160 AC Lisse (NL).
- (74) **VERNOUT, Robert**; Sweelinckplein 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 (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 SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16B 21/06, 5/12**
- (11) **WO 03/081053** (13) A1
- (21) PCT/NL03/00226
- (22) **25 Mar/mar 2003 (25.03.2003)**
- (25) nl (26) en
- (30) 1020264 **27 Mar/mar 2002 NL (27.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **SYSTEM AND METHOD FOR FITTING TWO OBJECTS TOGETHER**
• **PROCEDE ET DISPOSITIF POUR FIXER DEUX OBJETS ENTRE EUX**
- (71) **WILDE, DE, Bouwe, Guustaaf, Dirk** [NL/NL]; P.O.Box 132, NL-2160 AC Lisse (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WILDE, DE, Tom, Marnix, Alexander** [NL/NL]; P.O.Box 132, NL-2160 AC Lisse (NL). **WILDE, DE, Jim, Sven, Anthony** [NL/NL]; P.O.Box 132, NL-2160 AC Lisse (NL).
- (74) **VERNOUT, Robert**; Sweelinckplein 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 (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 SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16B 21/06, G21G 1/04**
- (11) **WO 03/081055** (13) A1
- (21) PCT/GB02/05624
- (22) **11 Dec/déc 2002 (11.12.2002)**
- (25) en (26) en
- (30) 0206550.6 **20 Mar/mar 2002 GB (20.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **COMPONENT SUPPORT AND RADIOISOTOPE GENERATOR INCLUDING ONE OR MORE COMPONENT SUPPORTS**
• **SUPPORT DE COMPOSANT ET GENERATEUR DE RADIO-ISOTOPE A UN OU PLUSIEURS SUPPORTS DE COMPOSANT**
- (71) **AMERSHAM PLC** [GB/GB]; Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB). **FORREST, Terence, Robert, Frederick** [GB/GB]; Amersham plc, The Grove Centre, White Lion Road, Amersham, Buckinghamshire HP7 9LL (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TEUCHER, Mark** [GB/GB]; Kinneir Dufort Limited, 5 Host Street, Bristol, Avon BS1 5BU (GB). **WALSH, Philip** [GB/GB]; Kinneir Dufort Limited, 5 Host Street, Bristol, Avon BS1 5BU (GB).
- (74) **HAMMETT, Audrey, Grace, Campbell et al. / etc.**; Amersham plc, Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16B 21/06, 21/07**
- (11) **WO 03/081056** (13) A1
- (21) PCT/IN02/00147
- (22) **9 Jul/juil 2002 (09.07.2002)**
- (25) en (26) en
- (30) 176/CAL/02 **27 Mar/mar 2002 IN (27.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **FIXING MEANS FOR A SCREEN PANEL AND CORRESPONDING SCREEN PANEL**
• **DISPOSITIF DE FIXATION DE PANNEAU D'ECRAN ET PANNEAU D'ECRAN CORRESPONDANT**
- (71) **TEGA INDUSTRIES LIMITED** [IN/IN]; Unit House, P-40, Block B, New Alipore, Kolkata 700 053, West Bengal (IN).
- (71, 72) **IMAM, Syed, Yaver** [IN/IN]; Tega Industries Limited, Unit House, P-40, Block B, New Alipore,, Kolkata 700 053, West Bengal (IN).
- (74) **RAJAGOPALAN, Krishnan**; Rajagopalan & Associates, 15 Ganesha Chandra Avenue, 2nd Floor, Room n^o 6, Kolkata 700 013 (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
- Declarations / Déclarations :
- (r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR 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 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)

(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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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)⁷ F16B 23/00, B60B 7/06

(11) WO 03/081057 (13) A1

(21) PCT/FR03/00978

(22) 27 Mar/mar 2003 (27.03.2003)

(25) fr (26) fr

(30) 02/03818 27 Mar/mar 2002 FR (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ANTI-THEFT DEVICE INTENDED, IN PARTICULAR, FOR VEHICLE WHEELS

• DISPOSITIF ANTIVOL, NOTAMMENT POUR ROUES DE VEHICULES

(71) SOCIETE DES FORGES DE FRONCLES S.A. [FR/FR]; F-52320 Froncles (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PICARD, Frédéric [FR/FR]; 212, Résidence Beau Soleil, F-53320 Froncles (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16B 37/04

(11) WO 03/081058 (13) A1

(21) PCT/CA03/00400

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 10/105,248 26 Mar/mar 2002 US (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SQUARE-HEADED RIVET FASTENER
• RIVET À TÊTE CARRÉE

(71, 72) LEISTNER, Volkmar [CA/CA]; 251 Nantucket Boulevard, Scarborough, Ontario M1P 2P2 (CA).

(74) BOLSTON, George, A.; Miller Thomson LLP, 20 Queen Street West, Suite 2500, Toronto, Ontario M5H 3S1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16B 45/02

(11) WO 03/081059 (13) A1

(21) PCT/FR03/00730

(22) 7 Mar/mar 2003 (07.03.2003)

(25) fr (26) fr

(30) 02/03666 25 Mar/mar 2002 FR (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • RAPID HOOK DEVICE MADE OF PLASTIC, SUCH AS A SNAP HOOK, AND METHOD FOR SAID DEVICE

• DISPOSITIF D'ACCROCHAGE RAPIDE EN PLASTIQUE DU TYPE MOUSQUETON ET PROCEDE D'UN TEL DISPOSITIF

(71) F. PEGUET & CIE [FR/FR]; 9 et 11 avenue du Giffre, F-74100 ANNEMASSE (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VALRAN, Jean-Michel [FR/FR]; 3, chemin du Grand-Cras, F-74100 VETRAZ-MOUTHOUX (FR). PEGUET, Pierre [FR/FR]; 11, avenue du Giffre, F-74100 ANNEMASSE (FR).

(74) GASQUET, Denis; Cabinet GASQUET, Les Pléiades, PARK NORD ANNECY, F-74370 METZ-TESSY (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16C 3/02, B21D 3/10

(11) WO 03/081060 (13) A1

(21) PCT/US02/26567

(22) 20 Aug/août 2002 (20.08.2002)

(25) en (26) en

(30) 60/313,739 20 Aug/août 2001 US (20.08.2001)

(30) 60/313,734 20 Aug/août 2001 US (20.08.2001)

(30) 60/313,741 20 Aug/août 2001 US (20.08.2001)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SHAFT TRUING SYSTEM

• SYSTEME DE DEGAUCHISSAGE D'ARBRE

(63) US 60/313,741 (CON) 20 Aug/août 2001 (20.08.2001)

US 60/313,734 (CON)

20 Aug/août 2001 (20.08.2001)

US 60/313,739 (CON)

20 Aug/août 2001 (20.08.2001)

(71) VERI-TEK INC. [US/US]; 50120 Pontiac Trail, Wixom, MI 48393-2019 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JURANITCH, James, C. [US/US]; 2251 Shankin, Walled Lake, MI 48390 (US).

OLSCHEFSKI, Robert, D. [US/US]; 55546 Park Place, New Hudson, MI 48165 (US).

(74) ROHM, Benita, J. et al. / etc.; Rohm & Monsanto, P.L.C., Suite 1525, 660 Woodward Avenue, Detroit, MI 48226 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16C 13/00, D21G 1/02, F28F 5/02

(11) WO 03/081061 (13) A1

(21) PCT/FI03/00161

(22) 5 Mar/mar 2003 (05.03.2003)

(25) en (26) en

(30) 20020557 22 Mar/mar 2002 FI (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A HEATED ROLL OF A PAPER/BOARD MACHINE OR FINISHING MACHINE AND A METHOD FOR HEATING THE SAME

- CYLINDRE CHAUFFANT D'UNE MACHINE A PAPIER/CARTON OU D'UNE MACHINE DE FINISSAGE ET PROCEDE DE CHAUFFAGE DE CE CYLINDRE
- (71) **METSO PAPER, INC.** [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOIVUKUNNAS, Pekka** [FI/FI]; Kauhavankuja 5, FIN-04430 Järvenpää (FI).
- (74) **LEITZINGER OY**; Tammasaarenkatu 1, 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 SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16C 33/64, F16H 9/18, C23C 8/32, C21D 9/40, 1/06, C22C 38/00, 38/18, 38/24**
- (11) **WO 03/081062** (13) A1
- (21) PCT/JP03/03725
- (22) **26 Mar/mar 2003 (26.03.2003)**
- (25) ja (26) ja
- (30) 2002-87407 **27 Mar/mar 2002 JP (27.03.2002)**
- (30) 2002-164263 **5 Jun/juin 2002 JP (05.06.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ROLLING BEARING FOR BELT TYPE NON-STAGE TRANSMISSION
- ROULEMENT A BILLES POUR TRANSMISSION DE TYPE NON ETAGEE A COURROIE
- (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) **TAKEMURA, Hiromichi** [JP/JP]; c/o NSK LTD., 1-5-50, Kugenumashinmei, Fujisawa-shi, Kanagawa 251-0021 (JP). **HAYASHI, Yoshitaka** [JP/JP]; c/o NSK LTD., 1-5-50, Kugenumashinmei, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **F16D 1/00**
- (11) **WO 03/081063** (13) A2
- (21) PCT/FR03/00918
- (22) **24 Mar/mar 2003 (24.03.2003)**
- (25) fr (26) fr
- (30) 02/03803 **22 Mar/mar 2002 FR (22.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ASSEMBLY AND METHOD OF ASSEMBLING A MOTOR VEHICLE ALTERNATOR PULLEY AND A MOTOR VEHICLE ALTERNATOR COMPRISING ONE SUCH ASSEMBLY
- ASSEMBLAGE ET PROCEDE D'ASSEMBLAGE D'UNE POULIE D'ALTERNATEUR DE VEHICULE AUTOMOBILE ET ALTERNATEUR DE VEHICULE AUTOMOBILE COMPORTANT UN TEL ASSEMBLAGE
- (71) **VALEO EQUIPEMENTS ELECTRIQUES MOTEUR** [FR/FR]; 2, rue André-Boulle, F-94017 Créteil Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FAUCON, Guy** [FR/FR]; 32, rue Louis, F-69003 Lyon (FR). **LEROY, Virginie** [FR/FR]; 4, avenue du Château, F-94300 Vincennes (FR). **STOFLETH, Karine** [FR/FR]; 16, rue Rottembourg, F-75012 Paris (FR).
- (74) **LETEINTURIER, Pascal**; Valeo Equipements Electriques Moteur, 2, rue André-Boulle, F-94017 Créteil Cedex (FR).
- (81) BR CN JP KR MX PL US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51) **F16D 1/06, 1/10, 3/18, F02N 11/04, B60K 6/04**
- (11) **WO 03/081064** (13) A1
- (21) PCT/EP03/01952
- (22) **26 Feb/fév 2003 (26.02.2003)**
- (25) de (26) de
- (30) 102 13 559.2 **26 Mar/mar 2002 DE (26.03.2002)**
- (30) 102 21 625.8 **15 May/mai 2002 DE (15.05.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DEVICE FOR COUPLING A HOUSING ARRANGEMENT OF A COUPLING DEVICE TO A ROTOR ARRANGEMENT OF AN ELECTRIC MACHINE
- DISPOSITIF DE COUPLAGE D'UN ENSEMBLE CARTER D'UN EQUIPEMENT DE COUPLAGE AVEC UN ENSEMBLE ROTOR D'UNE MACHINE ELECTRIQUE
- (71) **ZF SACHS AG** [DE/DE]; Ernst-Sachs-Strasse 62, 97424 Schweinfurt (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BREIER, Horst** [DE/DE]; Akazienstr. 15, 97456 Dittelbrunn (DE). **SASSE, Christoph** [DE/DE]; Judithstrasse 14 c, 97422 Schweinfurt (DE). **SUDAU, Jörg** [DE/DE]; Einsteinstrasse 8, 97464 Niederwerrn (DE).
- (74) **ZF SACHS AG**; Ernst-Sachs-Strasse 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ **F16D 13/71, 13/50, 13/38**
- (11) **WO 03/081065** (13) A1
- (21) PCT/IB03/01049
- (22) **21 Mar/mar 2003 (21.03.2003)**
- (25) en (26) en
- (30) 10/107,514 **27 Mar/mar 2002 US (27.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FRICTION CLUTCH WITH INTERMEDIATE PLATE MOUNTING SYSTEM
- EMBRAYAGE A FRICTION AVEC SYSTEME DE PLATEAU SUPPORT INTERMEDIAIRE
- (71) **EATON CORPORATION** [US/US]; Eaton Center, 1111 Superior Avenue, Cleveland, OH 44114 (US).
- (72) **GOCHENOUR, Daniel, Vern**; 306 Hunters Ridge, Auburn, IN 46706 (US). **PETERSON, Steven, Michael**; 2715-3 Northgate Blvd., Fort Wayne, IN 46835 (US). **SCHLOSSER, Kevin, Francis**; 2391 Woodland Trail, Auburn, IN 46706 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **F16D 21/06, 23/12**
- (11) **WO 03/081066** (13) A1
- (21) PCT/DE03/00993

- (22) 26 Mar/mar 2003 (26.03.2003)
(25) de (26) de
(30) 102 13 618.1 27 Mar/mar 2002 DE (27.03.2002)
(30) 102 36 290.4 8 Aug/août 2002 DE (08.08.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DISENGAGING UNIT FOR THE CLUTCHES OF A TWIN CLUTCH TRANSMISSION OF A VEHICLE
• UNITE DE DEBRAYAGE DESTINEE AUX EMBRAYAGES D'UNE TRANSMISSION A DOUBLE EMBRAYAGE D'UN VEHICULE
(71) LUK LAMELLEN UND KUPPLUNGS-BAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AHNERT, Gerd [DE/DE]; Holunderweg 1, 77880 Sasbach (DE). TUNCAY, Vedat [TR/US]; 3783 Friendsville Road 116, Wooster, OH 44691 (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 SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ F16D 21/06
(11) WO 03/081067 (13) A1
(21) PCT/DE03/00994
(22) 26 Mar/mar 2003 (26.03.2003)
(25) de (26) de
(30) 102 13 618.1 27 Mar/mar 2002 DE (27.03.2002)
(30) 102 36 290.4 8 Aug/août 2002 DE (08.08.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • TWIN CLUTCH SYSTEM FOR A TRANSMISSION, PARTICULARLY FOR A TWIN CLUTCH TRANSMISSION
• SYSTEME A DOUBLE EMBRAYAGE DESTINE A UNE TRANSMISSION, NOTAMMENT A UNE TRANSMISSION A DOUBLE EMBRAYAGE

(71) LUK LAMELLEN UND KUPPLUNGS-BAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AHNERT, Gerd [DE/DE]; Holunderweg 1, 77880 Sasbach (DE). POLLAK, Burkhard [DE/DE]; Im Eichert 5, 77815 Bühl (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 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 VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ F16D 23/02, 69/02, C22C 33/02
(11) WO 03/081068 (13) A1
(21) PCT/EP03/02329
(22) 7 Mar/mar 2003 (07.03.2003)
(25) de (26) de
(30) 102 12 489.2 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • FRICTION PAIRING
• COUPLE D'ELEMENTS DE FRICTION

(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) SCHWUGER, Josef [DE/DE]; Föhrenberg 10, 91074 Herzogenaurach (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ F16D 23/12, 21/06
(11) WO 03/081069 (13) A1
(21) PCT/DE03/00995
(22) 26 Mar/mar 2003 (26.03.2003)
(25) de (26) de
(30) 102 13 618.1 27 Mar/mar 2002 DE (27.03.2002)
(30) 102 36 290.4 8 Aug/août 2002 DE (08.08.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • CLUTCH DISENGAGING SYSTEM FOR A TWIN CLUTCH TRANSMISSION OF A MOTOR VEHICLE

• SYSTEME DE DEBRAYAGE DESTINE A UNE TRANSMISSION A DOUBLE EMBRAYAGE D'UN VEHICULE

(71) LUK LAMELLEN UND KUPPLUNGS-BAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AHNERT, Gerd [DE/DE]; Holunderweg 1, 77880 Sasbach (DE). POLLAK, Burkhard [DE/DE]; Im Eichert 5, 77815 Bühl (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 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 VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ F16D 25/0638, 13/71
(11) WO 03/081070 (13) A1
(21) PCT/IB03/01046
(22) 21 Mar/mar 2003 (21.03.2003)
(25) en (26) en
(30) 10/107,916 27 Mar/mar 2002 US (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DUAL MASS CLUTCH SYSTEM
• SYSTEME D'EMBRAYAGE A DOUBLE MASSE

(71) EATON CORPORATION [US/US]; Eaton Center, 1111 Superior Avenue, Cleveland, OH 44114 (US).

(72) GOCHENOUR, Daniel, Vern; 306 Hunters Ridge, Auburn, IN 46706 (US). BASSETT, Michael, Lee; 1125 Cabriole Blvd., Auburn, IN 46706 (US). SCHLOSSER, Kevin, Francis; 2391 Woodland Trail, Auburn, IN 46706 (US). BEAKAS, Mark, Leon; 720 Greenhaven Terrace, Auburn, IN 46706 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F16D 55/228

(11) WO 03/081071 (13) A1

(21) PCT/IT02/00182

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DISK BRAKE CALIPER
• ETRIER DE FREIN A DISQUE

(71) FRENI BREMBO S.P.A. [IT/IT]; Via
Brembo, 25, I-24035 Curno (IT).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PACCHIANA, Giovanni, Paolo [IT/IT];
Via Don Seghezzi, 16, I-24040 Locate (IT).
GOLLER, Ralf, Siegfried [DE/IT]; Via
Borgo Santa Caterina, 59, I-24124 Bergamo
(IT).

(74) LONG, Giorgio et al. / etc.; Jacobacci &
Partners S.p.A., Via Senato, 8, I-20121 Mi-
lano (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)⁷ F16D 65/12, 65/10, 69/00

(11) WO 03/081072 (13) A1

(21) PCT/IT03/00158

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) MI2002A 000641 27 Mar/mar 2002 IT
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IMPROVED BRAKING DEVICE FOR
VEHICLES
• DISPOSITIF DE FREINAGE AME-
LIORE POUR VEHICULES

(71, 72) CAPALBO, Lenin [IT/IT]; Via A. Man-
zoni, 54, IT-23822 Bellano (IT).

(74) CICOONA, Franco; Ufficio Internazionale
Brevetti, Dott. Prof. Franco Cicogna, Via
Visconti di Modrone, 14/A, I-20122 Milano
(IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ F16D 65/54, 55/40, 13/75

(11) WO 03/081073 (13) A1

(21) PCT/SE03/00498

(22) 25 Mar/mar 2003 (25.03.2003)

(25) sv (26) en

(30) 0200966-0 26 Mar/mar 2002 SE
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR DISPLACING AN OB-
JECT A CERTAIN DISTANCE
• DISPOSITIF PERMETTANT DE DE-
PLACER UN OBJET SUR UNE DIS-
TANCE DONNEE

(71) VOLVO CONSTRUCTION EQUIP-
MENT HOLDING SWEDEN AB [SE/SE];
S-631 85 Eskilstuna (SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KINGSTON, Timothy [GB/SE]; Lilla
Movägen 10, S-632 39 Eskilstuna (SE).
STRANDBERG, Jonny [SE/SE]; Pl. 1153
B, S-635 09 Eskilstuna (SE). ÅKERBLOM,
Mats [SE/SE]; Himmelsända Hässelbyäng,
S-635 06 Eskilstuna (SE).

(74) STRÖM & GULLIKSSON IP AB; Sjö-
porten 4, S-417 64 Göteborg (SE).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F16D 66/02, 55/00

(11) WO 03/081074 (13) A1

(21) PCT/IT02/00179

(22) 21 Mar/mar 2002 (21.03.2002)

(25) it (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DISC BRAKE WITH ELECTRICAL
WEAR SENSOR AND CARRIER FOR
THE SENSOR CONNECTOR
• FREIN A DISQUE DOTE D'UN CAP-
TEUR D'USURE ELECTRIQUE ET
SUPPORT DESTINE AU CONNec-
TEUR DE CAPTEUR

(71) FRENI BREMBO S.P.A. [IT/IT]; Via
Brembo, 25, I-24035 Curno (IT).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DONADONI, Giuseppe [IT/IT]; Via
Meucci, 8, I-24044 Dalmine (IT). GOTTI,
Antonio [IT/IT]; Via Ponte della Noca, 12,
I-24031 Almenno san Salvatore (IT).

(74) MAGGIONI, Claudio et al. / etc.; c/o
Jacobacci & Partners, Via delle Quattro
Fontane, 15, I-00184 Roma (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ F16D 69/04

(11) WO 03/081075 (13) A1

(21) PCT/EP02/14708

(22) 23 Dec/déc 2002 (23.12.2002)

(25) de (26) de

(30) 102 13 315.8 25 Mar/mar 2002 DE
(25.03.2002)

(30) 102 42 853.0 14 Sep/sep 2002 DE
(14.09.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FRICTION LINING CARRIER, ESPE-
CIALY BRAKE SHOE, FOR PARKING
OR DRUM BRAKES AND CORRE-
SPONDING METHOD OF PRODUC-
TION AND DEVICE FOR CARRYING
OUT SAID METHOD
• SUPPORT DE GARNITURE DE FRIC-
TION, EN PARTICULIER SABOT DE
FREIN, POUR FREIN DE STATION-
NEMENT OU FREIN A TAMBOUR,
PROCEDE DE PRODUCTION COR-
RESPONDANT ET DISPOSITIF POUR
METTRE EN OEUVRE CE PROCEDE

(71) METEK METALLVERARBEITUNGS
GESELLSCHAFT MBH [DE/DE]; Birken-
maarstrasse 1, 53340 MECKENHEIM (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JUNG, Friedrich, H. [DE/DE]; Obere
Hohl 16, 65620 Waldbrunn-Ellar (DE).

(74) MÜLLER, Eckhard; Eifelstrasse 14, 65597
Hünfelden-Dauborn (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 SI SK
TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F16F

(11) WO 03/081076 (13) A2

(21) PCT/US03/08087

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 10/102,101 **19 Mar/mar 2002** US
(19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HYBRID LEAF SPRING WITH REINFORCED BOND LINES
• RESSORT A LAMES HYBRIDE AVEC LIGNES DE LIAISON RENFORCEES

(71) PACIFIC COAST COMPOSITES [US/US]; 2350 Air park Way, Montrose, CO 81401 (US).

(72) MEATTO, Frank; 330 Terrace Drive, Ridgeway, CO 81432 (US). PILPEL, Edward; 64 Ayrshire Lane, Avon, CT 06001 (US). GORDON, D. Michael; 2682 Stellar Court, Montrose, CO 81401 (US). GORDON, David, C., Jr.; 2390 Highview Trail, Vista, CA 92084 (US).

(74) MACKAS, Daniel, G.; McCormick, Paulding & Huber LLP, Cityplace II., 185 Asylum Street, Hartford, CT 06103-4102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16F 9/48, E05F 5/02, A47B 88/00

(11) WO 03/081077 (13) A1

(21) PCT/AT03/00074

(22) 18 Mar/mar 2003 (18.03.2003)

(25) de (26) de

(30) A 465/2002 **21 Mar/mar 2002** AT
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PNEUMATIC BRAKING AND DAMPING DEVICE, PARTICULARLY FOR MOVABLE FURNITURE PARTS

• DISPOSITIF DE FREINAGE ET D'AMORTISSEMENT PNEUMATIQUE, NOTAMMENT POUR DES ELEMENTS DE MEUBLE MOBILES

(71) JULIUS BLUM GESELLSCHAFT M.B.H. [AT/AT]; Industriestrasse 1, A-6973 Höchst (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FITZ, Helmut [AT/AT]; Birkenweg 11, A-6890 Lustenau (AT).

(74) HOFINGER, Engelbert et al. / etc.; Wilhelm-Greil-Strasse 16, A-6020 Innsbruck (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16F 9/52

(11) WO 03/081078 (13) A1

(21) PCT/DE03/00792

(22) 12 Mar/mar 2003 (12.03.2003)

(25) de (26) de

(30) 102 13 747.1 **26 Mar/mar 2002** DE
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE WITH AN AREA OF ACTION AND PRESSURE COMPENSATION
• DISPOSITIF A ZONE D'ACTION ET COMPENSATION DE PRESSION

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GENTZKOW, Wolfgang [DE/DE]; Zwetschgenweg 1, 91077 Kleinsendelbach (DE). KAUTZ, Stefan [DE/DE]; Dorfbrunnenstr. 5, 91094 Langensendelbach (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 HU IE IT LU MC NL PT RO SE SI 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 HU IE IT LU MC NL PT RO SE SI SK TR)
(u) for / pour US only / seulement

(51)⁷ F16F 13/26

(11) WO 03/081079 (13) A1

(21) PCT/EP03/03123

(22) 26 Mar/mar 2003 (26.03.2003)

(25) de (26) de

(30) 102 13 750.1 **26 Mar/mar 2002** DE
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ASSEMBLY BEARING WITH HYDRAULIC DAMPING
• PALIER DE GROUPES A AMORTISSEMENT HYDRAULIQUE

(71) CARL FREUDENBERG KG [DE/DE]; Höhnerweg 2-4, 69469 Weinheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FREUDENBERG, Tillmann [DE/DE]; Ortsstrasse 19, 64658 Fürth/Steinbach (DE). MOOG, Erhard [DE/DE]; Zur Waldwiese 5, 69517 Gornheimertal (DE).

(74) CARL FREUDENBERG KG; Patente und Marken, 69465 Weinheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DK DM DZ

EE GD GE GH GM HR HU ID IL IN IS 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 SK SL TJ TM TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F16F 13/26

(11) WO 03/081080 (13) A1

(21) PCT/EP03/03124

(22) 26 Mar/mar 2003 (26.03.2003)

(25) de (26) de

(30) 102 13 996.2 **27 Mar/mar 2002** DE
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SWITCHABLE ASSEMBLY BEARING WITH HYDRAULIC DAMPING
• PALIER DE GROUPES COMMUTABLE A AMORTISSEMENT HYDRAULIQUE

(71) CARL FREUDENBERG KG [DE/DE]; Höhnerweg 2-4, 69469 Weinheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FREUDENBERG, Tillmann [DE/DE]; Ortsstrasse 19, 64658 Fürth/Steinbach (DE). MOOG, Erhard [DE/DE]; Zur Waldwiese 5, 69517 Gornheimertal (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DK DM DZ EE GD GE GH GM HR HU ID IL IN IS 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 SK SL TJ TM TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F16G

(11) WO 03/081081 (13) A2

(21) PCT/US03/08140

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 60/366,165 **21 Mar/mar 2002** US
(21.03.2002)

(30) 10/065,564 **30 Oct/oct 2002** US
(30.10.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FLEXIBLE E FASTENER

• SYSTEME DE FIXATION FLEXIBLE

(71) CALIFORNIA POLYTECHNIC STATE UNIVERSITY FOUNDATION [US/US]; Building 15, San Luis Obispo, CA 93407 (US).

(72) NIKU, Saeed, Benjamin; 1287 Descanso Street, San Luis Obispo, CA 93405 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16H

(11) WO 03/081082 (13) A2

(21) PCT/SE03/00488

(22) 25 Mar/mar 2003 (25.03.2003)

(25) sv (26) en

(30) 0200947-0 27 Mar/mar 2002 SE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A DEVICE FOR SETTING A DIRECTION

• DISPOSITIF D'ORIENTATION

(71) DIGATECH AB [SE/SE]; Reimersholmsgatan 25, S-117 40 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEDSTRÖM, Hans [SE/SE]; Reimersholmsgatan 25, S-117 40 Stockholm (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 CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE

SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ F16H 3/42, 29/18

(11) WO 03/081083 (13) A1

(21) PCT/EP02/13303

(22) 26 Nov/nov 2002 (26.11.2002)

(25) en (26) en

(30) CT2002A000009 21 Mar/mar 2002 IT (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • GERABOX WITHOUT INTERRUPTION OF TORQUE TRANSMISSION

• BOITE DE VITESSES SANS INTERRUPTION DE TRANSMISSION DE COUPLE

(71, 72) COSTA, Alfio [IT/IT]; Via Casale Dei Greci, 5, I-95031 Adrano (Catania) (IT).

(74) QUINTERNO, Giuseppe et al. / etc.; Jacobacci & Partners SpA, Corso Regio Parco, 27, I-10152 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F16H 7/06, 55/30

(11) WO 03/081084 (13) A1

(21) PCT/US03/08098

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/365,503 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CUSHION RING SPROCKET ASSEMBLY AND METHOD

• PROCEDE ET ENSEMBLE PIGNON A ANNEAU COUSSINET DE BUTEE

(71) CLOYES GEAR AND PRODUCTS, INC. [US/US]; Suite 235, 8500 Station Street, Mentor, OH 44060 (US).

(72) HAMILTON, Jeffrey, R.; 9800 Boulder Court, Davisburg, MI 48350 (US).

(74) HAAS, Steven, M.; Fay, Sharpe, Fagan, Minnich & McKee, LLP, Seventh Floor, 1100 Superior Avenue, Cleveland, OH 44114-2579 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16H 15/02, F16F 7/08

(11) WO 03/081085 (13) A2

(21) PCT/DE03/00961

(22) 24 Mar/mar 2003 (24.03.2003)

(25) de (26) de

(30) 102 13 302.6 25 Mar/mar 2002 DE (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR DAMPING STICK-SLIP VIBRATIONS

• PROCEDE D'AMORTISSEMENT DE VIBRATIONS PAR GLISSEMENT SACCADE

(71) UNIVERSITÄT HANNOVER [DE/DE]; Welfengarten 1, 30167 Hannover (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) POPP, Karl [DE/DE]; Sauerbruchweg 49, 31535 Neustadt (DE). RUDOLPH, Martin [DE/DE]; Scheelenkamp 17, 30165 Hannover (DE). LINDNER, Markus [DE/DE]; Sallstrasse 15, 30171 Hannover (DE).

(74) THÖMEN, Uwe et al. / etc.; Zeppelinstrasse 5, 30175 Hannover (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F16H 45/02, 41/24

(11) WO 03/081086 (13) A1

(21) PCT/FR03/00902

(22) 21 Mar/mar 2003 (21.03.2003)

(25) fr (26) fr

(30) 02/03658 22 Mar/mar 2002 FR
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HYDROKINETIC COUPLING APPARATUS AND METHOD FOR MOUNTING SAME

• APPAREIL D'ACCOUPLLEMENT HYDROKINETIQUE ET PROCÉDE DE MONTAGE DE CET APPAREIL.

(71) VALEO EMBRAYAGES [FR/FR]; 5, Avenue Roger Dumoulin, F-80009 AMIENS (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARHAB, Rabah [FR/FR]; 45, rue des Ecoles, F-95350 SAINT-BRICE-SOUS-FORET (FR). TERMENON, Norberto [FR/FR]; 2, rue Turpin, F-80000 AMIENS (FR).

(74) RÖHRLE, Dieter; Service Propriété Industrielle, 15, rue des Rosiers, F-93585 Saint-Ouen Cedex (FR).

(81) DE JP US.

Published / Publiée : (c)

(51)⁷ F16H 59/08, 61/00, H05K 7/02

(11) WO 03/081087 (13) A1

(21) PCT/JP03/03865

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(30) 2002-90011 27 Mar/mar 2002 JP
(27.03.2002)(30) 2002-90012 27 Mar/mar 2002 JP
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CONTROL DEVICE WITH SHIFT POSITION DETECTOR, AND POWER TRAIN WITH THE CONTROL DEVICE

• DISPOSITIF DE COMMANDE COMPRENANT UN DETECTEUR DE CHANGEMENT DE POSITION ET GROUPE MOTOPROPULSEUR ASSOCIE AUDIT DISPOSITIF DE COMMANDE

(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) MURAKAMI, Naotaka [JP/JP]; c/o AISIN AW CO., LTD., 10, Takane, Fujii-cho, Anjo-shi, Aichi 444-1192 (JP). OGASAWARA, Naoto [JP/JP]; c/o AISIN AW CO., LTD., 10, Takane, Fujii-cho, Anjo-shi, Aichi 444-1192 (JP). SUZUKI, Kenji [JP/JP]; c/o AISIN AW CO., LTD., 10, Takane, Fujii-cho, Anjo-shi, Aichi 444-1192 (JP). FUKUDA, Atsushi [JP/JP]; c/o AISIN AW CO., LTD., 10, Takane, Fujii-cho, Anjo-shi, Aichi 444-1192 (JP). TAKAMATSU, Jun [JP/JP]; c/o AISIN AW CO., LTD., 10, Takane, Fujii-cho, Anjo-shi, Aichi 444-1192 (JP).

(74) AOKI, Kenji et al. / etc.; AZUSA PATENT OFFICE, Ueno-Suzuki Bldg. 7th Floor, 16-3, Ueno 3-Chome, Taito-Ku, Tokyo 110-0005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16H 59/10

(11) WO 03/081088 (13) A1

(21) PCT/DE03/00922

(22) 20 Mar/mar 2003 (20.03.2003)

(25) de (26) de

(30) 102 13 763.3 26 Mar/mar 2002 DE
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • GEARSHIFT DEVICE FOR CONTROLLING THE GEAR SELECTION OF A MOTOR VEHICLE GEARBOX

• DISPOSITIF DE SELECTION POUR COMMANDER LA SELECTION DE RAPPORTS D'UNE BOITE DE VITESSES D'AUTOMOBILE

(71) ZF LEMFÖRDER METALLWAREN AG [DE/DE]; 49448 Lemförde (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ERSOY, Metin [DE/DE]; Eichenweg 1A, 65396 Walluf (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

*(r) for all designations / pour toutes les désignations**(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)**(u) for / pour US only / seulement*(51)⁷ F16H 61/02

(11) WO 03/081089 (13) A2

(21) PCT/DE03/00914

(22) 20 Mar/mar 2003 (20.03.2003)

(25) de (26) de

(30) 102 12 544.9 21 Mar/mar 2002 DE
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • GEARBOX AND SHIFT STRATEGY FOR A GEARBOX OF A VEHICLE

• BOITE DE VITESSES ET STRATEGIE DE CHANGEMENT DE VITESSE DESTINEE A UNE BOITE DE VITESSES D'UN VEHICULE

(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) HENNEBERGER, Klaus [DE/DE]; Brucknerstrasse 3, 77815 Bühl (DE). ZIMMERMANN, Martin [DE/DE]; Vogelsbergstrasse 1, 77880 Sasbach (DE). MOOSHEIMER, Johannes [DE/DE]; Hurststrasse 21, 77815 Bühl (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 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 VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16H 61/28

(11) WO 03/081090 (13) A1

(21) PCT/DE03/00915

(22) 20 Mar/mar 2003 (20.03.2003)

(25) de (26) de

(30) 102 12 544.9 21 Mar/mar 2002 DE
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • GEARBOX ACTUATOR AND METHOD FOR REFERENCING THE GEOMETRY OF AN AUTOMATED GEARBOX

• DISPOSITIF D'ACTIONNEMENT DE BOITE DE VITESSES ET PROCÉDE POUR REFERENCER LA GEOMETRIE D'UNE BOITE DE VITESSES AUTOMATIQUE

(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) HENNEBERGER, Klaus [DE/DE]; Brucknerstrasse 3, 77815 Bühl (DE). STEN-GEL, Frank [DE/DE]; Waldmattstrasse 14, 77815 Bühl-Neusatz (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 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 VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F16H 61/32

(11) WO 03/081091 (13) A2

(21) PCT/DE03/00916

(22) 20 Mar/mar 2003 (20.03.2003)

(25) de (26) de

(30) 102 12 544.9 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • GEARBOX ACTUATOR AND SYNCHRONISATION METHOD FOR A GEARBOX

• DISPOSITIF D'ACTIONNEMENT DE BOITE DE VITESSE ET PROCEDE DE SYNCHRONISATION POUR BOITE DE VITESSES

(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) SEREBRENNIKOV, Boris [DE/DE]; Burgweg 27, 77815 Bühl-Kappelwindeck (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) 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 SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16J

(11) WO 03/081092 (13) A2

(21) PCT/US03/08444

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/366,308 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SELF-ALIGNING SEALING APPARATUS PROVIDING AXIAL SEALING AND CONTROLLED COMPRESSION LIMITS

• DISPOSITIF DE JOINT D'ETANCHEITE AXIAL AUTO-ALIGNE A LIMITES DE COMPRESSION CONTROLLEES

(71) POLYMER SEALING SOLUTIONS, INC. [US/US]; 2531 Bremer Drive, Fort Wayne, IN 46803 (US).

(72) GREGOIRE, Kyle; 964 Hacienda Court, Windsor, Ontario N96ZT1 (CA).

(81) CA 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).

(51)⁷ F16J 15/02, 15/48, G01M 3/32

(11) WO 03/081093 (13) A1

(21) PCT/EP03/01959

(22) 26 Feb/fév 2003 (26.02.2003)

(25) de (26) de

(30) 102 13 311.5 25 Mar/mar 2002 DE (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SEALING HEAD

• TETE D'ETANCHEITE

(71) B & K CORPORATION [US/US]; 5675 Dixie Highway, Saginaw (US).

(72) PRIDMORE, Ken, T.; 27967 Galien, South Lyon, MI 48178 (US).

(74) PHILIPP, Matthias et al. / etc.; Boehmert & 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16J 15/02

(11) WO 03/081094 (13) A1

(21) PCT/GB03/01228

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 0206958.1 25 Mar/mar 2002 GB (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IMPROVEMENTS IN AND RELATING TO SEALS

• AMELIORATIONS APORTEES A DES JOINTS

(71) BRITISH NUCLEAR FUELS PLC [GB/GB]; Risley, Warrington, Cheshire WA3 6AS (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARKER, Ross, Strachen [GB/GB]; British Nuclear Fuels PLC, Risley, Warrington, Cheshire WA3 6AS (GB). BRADLEY, Michael [GB/GB]; British Nuclear Fuels PLC, Risley, Warrington, Cheshire WA3 6AS (GB).

(74) PAWLYN, Anthony, Neil; Urquhart-Dykes & Lord, Tower House, Merriion 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16J 15/32, B23Q 11/08, B23B 19/02

(11) WO 03/081095 (13) A1

(21) PCT/DE03/01008

(22) 26 Mar/mar 2003 (26.03.2003)

(25) de (26) de

(30) 102 13 530.4 26 Mar/mar 2002 DE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SEAL FOR SPINDLES

• JOINT POUR BROCHES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GEBERT, Karl [DE/DE]; Reiffeisenstrasse 1, 97340 Marktbreit (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 Erlangen (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16J 15/32, F16C 33/78

(11) WO 03/081096 (13) A1

(21) PCT/JP03/03527

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(30) 2002-083135 25 Mar/mar 2002 JP (25.03.2002)

(30) 2002-353397 5 Dec/déc 2002 JP (05.12.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SEAL RING, AND ROLLER BEARING UNIT WITH SEAL RING

• BAGUE D'ETANCHEITE ET UNITE DE ROULEMENT A ROULEAUX EQUIPEE D'UNE BAGUE D'ETANCHEITE

(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) TAKEHARA, Tetsu [JP/JP]; c/o NSK LTD., 1-5-50, Kugenumashinmei, Fujisawa-shi, Kanagawa 251-0021 (JP). YUKAWA, Kinji [JP/JP]; c/o NSK LTD., 1-5-50, Kugenumashinmei, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16K 3/24

(11) WO 03/081097 (13) A1

(21) PCT/US03/05407

(22) 19 Feb/fév 2003 (19.02.2003)

(25) en (26) en

(30) 10/082,620 22 Feb/fév 2002 US (22.02.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HIGH CAPACITY GLOBE VALVE
• CLAPET A BILLE A HAUT DEBIT

(71) DRESSER, INC. [US/US]; 11th Floor, Millennium 1, 15455 Dallas Parkway, Addison, TX 75001 (US).

(72) STARES, James, A.; 71 Barrows Street, Norton, MA 92766 (US).

(74) RIPPAMONTI, Russell, N.; Fish & Richardson P.C., 5000 Bank One Center, 1717 Main Street, Dallas, TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16K 5/20

(11) WO 03/081098 (13) A1

(21) PCT/US03/04670

(22) 14 Feb/fév 2003 (14.02.2003)

(25) en (26) en

(30) 10/101,139 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FLUID FLOW CONTROL VALVE WITH BI-DIRECTIONAL SHUTOFF

• ROBINET DE REGLAGE A SECTION-NEMENT BIDIRECTIONNEL

(71) FISHER CONTROLS INTERNATIONAL LLC. [US/US]; 8100 West Florissant Avenue, St. Louis, MO 63136 (US).

(72) KOESTER, David, John; 513 6th Street, Gladbrook, IA 50635 (US). DVORAK, Sarah, Lynn; 3809 Westlawn Drive, Ames, IA 50010 (US). MAHNCKE, Lynn, Dean; 2218 Gary Court, Marshalltown, IA 50158 (US). BELL, Brandon, Wayne; 707 Henry Drive, Marshalltown, IA 50158 (US). BOVEE, Loren, Lee; 2816 190th Street, Marshalltown, IA 50158 (US). WITT, Gary, Alan; 2508 Sherwood Drive, Sherman, TX 75092 (US).

(74) HEPPELMANN, Roger, A.; Marshall, Gerstein & Borun, 6300 Sears Tower, 233 S. Wacker Drive, Chicago, IL 60606-6357 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16K 7/12, 7/17

(11) WO 03/081099 (13) A1

(21) PCT/US03/08224

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 60/365,492 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FULLY DRAINABLE WEIR VALVE
• VANNE A DEVERSOIR POUVANT ETRE ENTIEREMENT VIDEE

(71) ENTEGRIS, INC. [US/US]; 3500 Lyman Boulevard, Chaska, MN 55318 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCKENZIE, Jeffrey, J. [US/US]; 11746 State Highway 25 S.W., Watertown, MN 55338 (US).

(74) CHRISTENSEN, Douglas, J. et al. / etc.; Patterson, Thucnte, Skaar & Christensen, P.A., 4800 IDS Center, 80 South Eight Street, Minneapolis, MN 55402-2100 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16K 11/16

(11) WO 03/081100 (13) A1

(21) PCT/IB03/01024

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) UD2002A000069 21 Mar/mar 2002 IT (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MIXING DEVICE FOR FLUIDS
• DISPOSITIF DE MELANGE POUR FLUIDES

(71, 72) VAIANI, Marco [IT/IT]; Via S. Martino, 77, I-06060 LISCIANO NICCONE (IT).

(74) PETRAZ, Gilberto; GLP Srl, Piazzale Cavedalis, 6/2, I-33100 UDINE (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16K 15/16

(11) WO 03/081101 (13) A1

(21) PCT/US03/07432

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 10/100,196 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ONE WAY ANTI-BACK FLOW VALVE
• CLAPET ANTI-RETOUR UNIDIRECTIONNEL

(71) LIGON BROTHERS MANUFACTURING COMPANY [US/US]; 3776 Van Dyke Road, Almont, MI 48003 (US).

(72) PORTER, Stephen, P.; 7807 Linden Drive, Almont, MI 48003 (US). PATRUS, Andrew, L., Jr.; 822 Force Road, Attica, MI 48412 (US).

(74) PERTTUNEN, Maryann, Pierce; 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F16K 24/04, 17/36

(11) WO 03/081102 (13) A1

(21) PCT/GB03/01116

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 0206683.5 21 Mar/mar 2002 GB
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • VALVE ACTUATING DEVICE

• DISPOSITIF D'ACTIONNEMENT DE
SOUPAPE

(71) ENVIROTECH PRODUCTS LIMITED
[GB/GB]; 2 Campus Road, Listerhills Sci-
ence Park, Bradford, West Yorkshire BD7
1HR (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PLATT, Grahame [GB/GB]; Halfmoon
Cottage, Kirkthorpe Lane, Kirkthorpe, Wake-
field WF1 5SZ (GB).

(74) HARRISON GODDARD FOOTE; Foun-
tain Precinct, Leopold Street, Sheffield S1
2QD (GB) 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F16K 27/00

(11) WO 03/081103 (13) A1

(21) PCT/DE03/00934

(22) 20 Mar/mar 2003 (20.03.2003)

(25) de (26) de

(30) 102 12 611.9 21 Mar/mar 2002 DE
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYSTEM FOR TREATING FLUIDS

• DISPOSITIF DE TRAITEMENT DE
FLUIDES

(71) SIEMENS AKTIENGESELLSCHAFT
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München (DE).

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les États désignés sauf US)

(72, 75) BURGER, Josef [DE/DE]; Rebenstr. 6,
92546 Schmidgaden (DE). HEEL, Oliver
[DE/DE]; Neustift 19, 92224 Amberg (DE).
LOHF, Astrid [DE/DE]; Lindenplatz 11,
76185 Karlsruhe (DE).

(74) SIEMENS AKTIENGESELLSCHAFT;
Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

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(51)⁷ F16L

(11) WO 03/081104 (13) A2

(21) PCT/CH03/00149

(22) 3 Mar/mar 2003 (03.03.2003)

(25) fr (26) fr

(30) 02405215.1 21 Mar/mar 2002 EP
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD OF PRODUCING A SHEATH
FOR A MULTIFILAMENT SUPER-
CONDUCTING CABLE AND SHEATH
THUS PRODUCED

• PROCEDE DE FABRICATION D'UNE
GAINÉ POUR CÂBLE SUPRACON-
DUCTEUR MULTIFILAMENT ET
GAINÉ OBTENUE SELON CE PRO-
CEDE

(71) METALOR TECHNOLOGIES INTER-
NATIONAL S.A. [CH/CH]; Avenue du
Vignoble, CH-2009 Neuchâtel (CH).

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(72, 75) HAUNER, Franz [DE/DE]; Gewerber-
ring 36, 91341 Röttenbach (DE). ROBERT-
SON FERRIER, William, Andrew
[GB/GB]; Meadows Mill, Eardiston, Tenbury
Wells, Worcestershire WR15 8JJ (GB).

(74) GLN GRESSET & LAESSER NEUCHÂ-
TEL; Cabinet de Conseils en Propriété Indus-
trielle, Puits-Godet 8A, CH-2000 Neuchâtel
(CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16L 1/20, 1/16

(11) WO 03/081105 (13) A1

(21) PCT/BR03/00044

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) MU8200674-1 27 Mar/mar 2002 BR
(27.03.2002)

(30) MU8201568-6 26 Jun/juin 2002 BR
(26.06.2002)

(30) MU8201569-4 26 Jun/juin 2002 BR
(26.06.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A FLEXIBLE DUCT FOR TRANSPORT-
ING FLUIDS, AND USE OF A FLEX-
IBLE DUCT FOR TRANSPORTING
FLUIDS

• CONDUITE FLEXIBLE DE TRANS-
PORT DE FLUIDES ET UTILISATION
D'UNE CONDUITE FLEXIBLE POUR
LE TRANSPORT DE FLUIDES

(71, 72) PINHEIRO TORGLER, Sérgio
[BR/BR]; Rua Júlio Prestes, 844, 14025-060-
Ribeirão Preto-SP (BR).

(74) DANNEMANN, SIEMSEM, BIGLER &
IPANEMA MOREIRA; Caixa Postal 2142,
Rua Marquês de Olinda, 70, 22251-040 - Rio
de Janeiro - RJ (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F16L 3/223

(11) WO 03/081106 (13) A1

(21) PCT/EP03/02268

(22) 6 Mar/mar 2003 (06.03.2003)

(25) de (26) de

(30) 102 12 484.1 21 Mar/mar 2002 DE
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • LINE CLIP

• SUPPORT POUR CABLES OU
CONDUITS

(71) A. RAYMOND & CIE [FR/FR]; 113, Cours
Berriat, F-38028 Grenoble (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HAUSER, Ingo [DE/DE]; Lenbachstr. 3,
79618 Rheinfelden (DE).

(74) KIRCHGAESSER, Johannes; A. Ray-
mond GmbH & Co. KG, Teichstr. 57, 79539
Lörrach (DE).

(81) BR CN CZ JP KR MX PL US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ F16L 5/10

(11) WO 03/081107 (13) A1

(21) PCT/GB03/01061

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 0206804.7 22 Mar/mar 2002 GB
(22.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ADJUSTABLE INSERT FOR A DUCT OR BULKHEAD OPENING
- PIECE AJUSTABLE POUR CONDUIT OU OUVERTURE DE CLOISON
- (71) **TYCO ELECTRONICS RAYCHEM GMBH** [DE/DE]; Haidgraben 6, D-85521, D-85521 Ottobrunn (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **TYCO ELECTRONICS UK LIMITED** [GB/GB]; Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
(only for / seulement pour MG)
- (72, 75) **SIMONSOHN, Thilo** [DE/DE]; Riemenschneiderstr. 5, 85521, 85521 Ottobrunn (DE).
- (74) **JAY, Anthony, William**; Tyco Electronics UK Limited, European Patent Department, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ **F16L 23/36, 33/02, F01N 7/18**
- (11) **WO 03/081108** (13) A1
- (21) PCT/FR03/00959
- (22) **26 Mar/mar 2003 (26.03.2003)**
- (25) fr (26) fr
- (30) 02/03737 **26 Mar/mar 2002 FR (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • BANDING DEVICE WITH ELASTIC DEFORMATION ZONES FOR VOLUMES OF ANY SHAPE
- DISPOSITIF DE SANGLAGE A ZONES DE DEFORMATION ELASTIQUE POUR DES VOLUMES DE FORME QUELCONQUE
- (71) **J.S. TEC** [FR/FR]; 23, rue Coubertin, F-77430 Champagne Sur Seine (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SANS, Jacques, Paul, Lucien** [FR/FR]; 23, rue Coubertin, F-77430 Champagne Sur Seine (FR).
- (74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **F16L 27/047, 27/06**
- (11) **WO 03/081109** (13) A1
- (21) PCT/EP03/03032
- (22) **24 Mar/mar 2003 (24.03.2003)**
- (25) de (26) de
- (30) 102 13 444.8 **26 Mar/mar 2002 DE (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ARTICULATED COOLANT PIPE
- TUYAU DE REFRIGERANT ARTICULE
- (71, 72) **ENTNER, Otmar** [DE/DE]; Boschstr. 48, 88255 Baimdt (DE).
- (74) **RIEBLING, Peter**; Postfach 31 60, 88113 Lindau/B. (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **F16L 33/02, 23/36, F01N 7/18**
- (11) **WO 03/081110** (13) A1
- (21) PCT/FR03/00960
- (22) **26 Mar/mar 2003 (26.03.2003)**
- (25) fr (26) fr
- (30) 02/03737 **26 Mar/mar 2002 FR (26.03.2002)**
- (30) 02/04197 **4 Apr/avr 2002 FR (04.04.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DETACHABLE MEMBER HOUSING FOR MOTOR VEHICLE EXHAUST SYSTEM
- BOITIER D'ORGANE DE SYSTEME D'ÉCHAPPEMENT DE VEHICULE DEMONTABLE
- (71) **J.S. TEC** [FR/FR]; 23, rue Coubertin, F-77430 Champagne Sur Seine (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SANS, Jacques, Paul, Lucien** [FR/FR]; 23, rue Coubertin, F-77430 Champagne Sur Seine (FR).
- (74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **F16L 33/025**
- (11) **WO 03/081111** (13) A1
- (21) PCT/ES03/00106
- (22) **10 Mar/mar 2003 (10.03.2003)**
- (25) es (26) es
- (30) P 200200756 **19 Mar/mar 2002 ES (19.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • IMPROVEMENTS TO BRIDGES FOR FLAT BAND CLAMPS
- AMELIORATIONS APORTEES AUX PONTS DE COLLIERES DE SERRAGE A BANDE PLATE
- (71) **MIKALOR S.A.** [ES/ES]; Paseo Can Feu, 60-66, E-08205 Sabadell (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PALAU DOMINGUEZ, Ramón** [ES/ES]; Paseo Can Feu, 60-66, E-08205 Sabadell (ES).
- (74) **CANELA GIMENEZ, Maria Teresa**; C/Girona n° 148 1ª, E-08037 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **F16L 33/20**
- (11) **WO 03/081112** (13) A1
- (21) PCT/IP02/09614
- (22) **19 Sep/sep 2002 (19.09.2002)**
- (25) ja (26) ja
- (30) 2002/80509 **22 Mar/mar 2002 JP (22.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HOSE COUPLING FITTING AND FIXING STRUCTURE OF HOSE COUPLING FITTING AND HOSE
- ATTACHE DE RACCORD POUR TUYAUX, STRUCTURE DE FIXATION

DE CETTE ATTACHE DE RACCORD
POUR TUYAUX ET TUYAU ASSOCIE

(71) YOKOHAMA HYDEX CO.,LTD. [JP/JP]; Hamagomu Bldg.5F, 36-11, Shimbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP).
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(72, 75) WATANABE, Koichi [JP/JP]; c/o Yokohama Hidex Co., Ltd.Hiratsuka Plant, 6-40, Higashiyawata 4-chome, Hiratsuka-shi, Kanagawa 254-0016 (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) 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)⁷ F16L 37/05

(11) WO 03/081113 (13) A1

(21) PCT/EP03/03092

(22) 25 Mar/mar 2003 (25.03.2003)

(25) de (26) de

(30) 102 13 272.0 25 Mar/mar 2002 DE (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE AND METHOD FOR COUPLING LINES TO FLUIDIC MICROSYSTEMS

• DISPOSITIF ET PROCEDE DE RACCORDEMENT DE CONDUITES A DES SYSTEMES MICROFLUIDIQUES

(71) EVOTEC OAI AG [DE/DE]; Schnackenburgallee 114, 22525 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MÜLLER, Torsten [DE/DE]; Hartriegelstrasse 39, 12439 Berlin (DE). PFENNIG, Annette [DE/DE]; Driesener Strasse 29, 10439 Berlin (DE). SHIRLEY, Stephen [GB/GB]; Victoria Main Street, Brandon, Warks CV8 38W (GB).

(74) HERTZ, Oliver; v. Bezold & Sozien, Akademiestr. 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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16L 37/20

(11) WO 03/081114 (13) A1

(21) PCT/FR03/00915

(22) 21 Mar/mar 2003 (21.03.2003)

(25) fr (26) fr

(30) 02/03645 22 Mar/mar 2002 FR (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR MOUNTING AN ELONGATED ELEMENT WITH AXIAL CLAMPING

• DISPOSITIF DE MONTAGE AVEC SERRAGE AXIAL D'UN ELEMENT ALLONGE

(71) BIO-RAD PASTEUR S.A. [FR/FR]; 3, boulevard Raymond Poincaré, F-92430 Marnes la Coquette (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEYDOUX, Daniel [FR/FR]; 10, rue du Commerce, F-67810 Holtzheim (FR). MULLER, Franck [FR/FR]; 30 rue de Belfort, F-67100 Strasbourg (FR).

(74) CABINET NUSS; 10, rue Jacques Kablé, F-67080 Strasbourg 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16L 43/00, 23/00, 41/12

(11) WO 03/081115 (13) A1

(21) PCT/JP02/02991

(22) 27 Mar/mar 2002 (27.03.2002)

(25) ja (26) ja

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FLANGE JOINT AND METHOD OF MANUFACTURING THE FLANGE JOINT

• RACCORD A BRIDE ET SON PROCEDE DE FABRICATION

(71) OHTSUKA CO., LTD. [JP/JP]; 7-19, Minami-Shinagawa 1-chome, Shinagawa-ku, Tokyo 140-0004 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OZAWA, Kouichi [JP/JP]; c/o OHTSUKA CO., LTD., 7-19, Minami-Shinagawa 1-chome, Shinagawa-ku, Tokyo 140-0004 (JP).

(74) OKUYAMA, Shoichi et al. / etc.; 8th Floor, Akasaka NOA Bldg., 2-12, Akasaka 3-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) CN JP US.

(84) EP (DE FR).

(51)⁷ F16L 55/10, F16K 3/08, E03C 1/08

(11) WO 03/081116 (13) A1

(21) PCT/US03/06454

(22) 4 Mar/mar 2003 (04.03.2003)

(25) en (26) en

(30) 02252050.6 21 Mar/mar 2002 EP (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FLOW RESTRICTOR

• LIMITEUR DE DEBIT

(71) JOHNSON DIVERSEY, INC. [US/US]; Neil E. Hamilton, M/S 509, 8310 16th Street, Sturtevant, WI 53177 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OLIVER, Stephen [GB/GB]; c/o JohnsonDiversey Equipment Ltd., Sherwood Park, Osier Drive, Annesley, Nottinghamshire NG15 0DS (GB).

(74) JOHNSON DIVERSEY, INC.; 8310 16th Street, Sturtevant, WI 53177 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16L 55/163

(11) WO 03/081117 (13) A1

(21) PCT/US03/08787

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/365,850 20 Mar/mar 2002 US (20.03.2002)

(30) 60/405,620 23 Aug/août 2002 US (23.08.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR INSERTING A PIPE LINER

• PROCEDE D'INSERTION D'UN MANCHON DANS UNE CONDUITE

(71) POLYFLOW, INC. [US/US]; W2280 West Drive, P.O. Box 434, Oaks, PA 19456 (US).

(72) GLEIM, Robert, A.; 420 Navajo Drive, Royersford, PA 19468 (US). WRIGHT, John, R.; 172 Beaumont Road, Devon, PA 19333 (US).

(74) VOLPE, Anthony, S. et al. / etc.; Volpe and Koenig, P.C., Suite 400, One Penn Center, 1617 John F. Kennedy Blvd, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F16L 55/165

(11) WO 03/081118 (13) A1

(21) PCT/EP03/02994

(22) 21 Mar/mar 2003 (21.03.2003)

(25) de (26) de

(30) 102 12 845.6 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR SPLITTING PIPES
• DISPOSITIF DE SEPARATION DE CONDUITES TUBULAIRES

(71) TRACTO-TECHNIK GMBH [DE/DE]; Reierstrasse 2, 57368 Lennestadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PÜTTMANN, Franz-Josef [DE/DE]; Winterberger Strasse 52, 57368 Lennestadt (DE).

(74) KÖNIG, Reimar et al. / etc.; Lohengrinstr. 11, 40549 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F16L 59/02, E04B 1/76

(11) WO 03/081119 (13) A1

(21) PCT/IB03/01037

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) BA2002A000011 25 Mar/mar 2002 IT (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • THERMAL INSULATING SYSTEM WITH CORROSION RESISTANCE, WATERPROOFING AND SOUND-PROOFING PROPERTIES
• SYSTEME D'ISOLATION THERMIQUE PRESENTANT UNE RESISTANCE A LA CORROSION ET DES PROPRIETES D'ETANCHEITE A L'EAU ET D'INSONORISATION

(71) ISOL COVER S.R.L. [IT/IT]; Via Speziale, 10, I-74100 Taranto (IT).
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(72, 75) CARDETTA, Franco [IT/IT]; Via Masaccio, 36, I-74100 Taranto (IT).

(74) LA FORGIA, Domenico; Via Garruba, 3, I-70122 Bari (IT).

(81) AE US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F16L 59/06

(11) WO 03/081120 (13) A1

(21) PCT/JP03/03547

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 2002-083080 25 Mar/mar 2002 JP (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • VACUUM-INSULATED PIPE
• TUYAU ISOTHERME

(71) SUMITOMO ELECTRIC INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). THE TOKYO ELECTRIC POWER COMPANY INCORPORATED [JP/JP]; 1-3, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-8560 (JP).
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(72, 75) WATANABE, Michihiko [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP).

TAKAHASHI, Yoshihisa [JP/JP]; c/o The Tokyo Electric Power Company Incorporated, 1-3, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-8560 (JP). MATSUO, Kimiyoshi [JP/JP]; c/o The Tokyo Electric Power Company Incorporated, 1-3, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-8560 (JP). HONJO, Shoichi [JP/JP]; c/o The Tokyo Electric Power Company Incorporated, 1-3, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-8560 (JP). MIMURA, Tomoo [JP/JP]; c/o The Tokyo Electric Power Company Incorporated, 1-3, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-8560 (JP). AIBA, Terumitsu [JP/JP]; c/o The Tokyo Electric Power Company Incorporated, 1-3, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-8560 (JP).

(74) YAMANO, Hiroshi; KEIMEI PATENT OFFICE, 7F Shinnakajima Bldg., 9-20, Nishinakajima 1-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F16M 11/10

(11) WO 03/081121 (13) A1

(21) PCT/GB03/01312

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 0206620.7 20 Mar/mar 2002 GB (20.03.2002)

(30) 0226153.5 8 Nov/nov 2002 GB (08.11.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IMPROVEMENTS IN OR RELATING TO TILTABLE MOUNTINGS FOR PAYLOADS

• AMELIORATIONS DE MONTURES INCLINABLES D'OBJETS PESANTS

(71) THE VITEC GROUP PLC [GB/GB]; Western Way, Bury St. Edmunds, Suffolk IP33 3TB (GB).

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(72, 75) LINDSAY, Richard, Arthur [GB/GB]; 2 St. Mary's Close, Gislegham, Eye, Suffolk IP23 8HW (GB).

(74) BAYLISS, Geoffrey, Cyril 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ F16M 11/38

(11) WO 03/081122 (13) A1

(21) PCT/US03/08791

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 10/104,871 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • POSITIONING POLES FOR SURVEYING EQUIPMENT, GLOBAL POSITIONING ANTENNAS, AND THE LIKE
• POTEAUX DE POSITIONNEMENT POUR EQUIPEMENT DE LEVES TOPOGRAPHIQUES, ANTENNES DE POSITIONNEMENT GLOBAL ET ANALOGUES

(71) TOPCON GPS LLC [US/US]; 5758 West Las Positas Blvd., Pleasanton, CA 94588 (US).

(72) ASHJAEI, Javad; 14403 Sobey Road, Saratoga, CA 95070 (US).

(74) YEAGER, Hal, R.; Sheppard Mullin Richter & Hampton LLP, 333 South Hope Street, Floor 48, Los Angeles, CA 90071-1406 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16M 11/42, 11/32, 13/02

(11) WO 03/081123 (13) A1

(21) PCT/US03/08561

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/365,734 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TRIPOD AND METHOD
• TREPIED ET PROCEDE

(71) FARO TECHNOLOGIES, INC. [US/US]; 125 Technology Park, Lake Mary, FL 32746 (US).

(72) RAAB, Simon; 1640 East Adams Drive, Maitland, FL 32751 (US). HASLOECHER, Kenneth, J.; 520 Cloudercroft Drive, Deltona, FL 32738 (US).

(74) BEDINGFIELD, Herbert, M.; Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F17C 13/08, 7/02, 7/04, 9/02

(11) WO 03/081124 (13) A1

(21) PCT/FR03/00904

(22) 21 Mar/mar 2003 (21.03.2003)

(25) fr (26) fr

(30) 02/03834 27 Mar/mar 2002 FR (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • VENTILATOR DEVICE FOR SUPPLYING LIQUEFIED PETROLEUM GAS, IN PARTICULAR ONBOARD A MOTOR VEHICLE

• DISPOSITIF D'ALIMENTATION EN GAZ DE PETROLE LIQUEFIE A VENTILATEUR NOTAMMENT EMBARQUE SUR UN VEHICULE AUTOMOBILE

(71) COMPAGNIE DES GAZ DE PETROLE PRIMAGAZ [FR/FR]; 64, avenue Hoche, F-75008 Paris (FR). SOUSLIKOFF ET CIE [FR/FR]; 2, route de Queyzans, F-33340 Saint Yzans de Medoc (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOUVIER, Daniel [FR/FR]; 8, rue du Chemin Vert, F-75011 Paris (FR).

(74) EIDELSBURG, Albert et al. / etc.; CABINET FLECHNER, 22, avenue de Friedland, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F21S 10/02, F21V 8/00, B44C 5/08 // A47G 33/04, F21Y 103:02, F21W 121:04, 121:06

(11) WO 03/081125 (13) A1

(21) PCT/IB03/00744

(22) 25 Feb/fév 2003 (25.02.2003)

(25) ja (26) ja

(30) 2002-48845 25 Feb/fév 2002 JP (25.02.2002)

(30) 2003-39020 17 Feb/fév 2003 JP (17.02.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • OPTICAL FIBER DECORATION DEVICE USING LED LIGHT SOURCE AND ARTICLE DECORATED THEREBY

• DISPOSITIF DE DECORATION DE FIBRE OPTIQUE AU MOYEN D'UNE SOURCE LUMINEUSE A DEL ET ARTICLE DECORE GRACE A CE DISPOSITIF

(71) ELITE TRADING CO., LTD. [JP/JP]; 6F, Nomi Bldg., 5-45-10, Higashinipponi, Arakawa-ku, Tokyo 116-0014 (JP).

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(72, 75) CHEN, Qi [CN/JP]; Elite Trading Co., Ltd., 6F, Nomi Bldg., 5-45-10, Higashinipponi, Arakawa-ku, Tokyo 116-0014 (JP). SUGIYAMA, Yasunari [JP/JP]; Eco-I Co., Ltd., 3F, Nomi Bldg., 5-45-10, Higashinipponi, Arakawa-ku, Tokyo 116-0014 (JP).

(74) NAKAJIMA, Mikio; Arbaneto Komagome 501, 9-14 Nakazato 1-chome, Kita-ku, Tokyo 114-0015 (JP).

(81) CA DE GB US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

Published / Publiée : (c)

(51)⁷ F21V 19/00, H01R 33/08

(11) WO 03/081126 (13) A1

(21) PCT/IB03/00970

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 02076200.1 26 Mar/mar 2002 EP (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • LAMP AND LAMPHOLDER WITH PERIPHERAL LOCKING MEANS

• LAMPE ET SUPPORT DE LAMPE COMPRENANT DES MOYENS DE VERROUILLAGE PERIPHERIQUES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). BJB GMBH & CO. KG [DE/DE]; Werler Strasse 1, 59755 Arnsberg (DE).

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(72, 75) DORLEIJN, Jan, W., F. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). PEETERS, Nicolas, G., A. [BE/BE]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). PIEPER, Markus [DE/DE]; BJB GmbH & Co. Kg, Werler Strasse 1, 59759 Arnsberg (Neheim) (DE). VOGT, Karl-Wilhelm [DE/DE]; BJB GmbH & Co. Kg, Werler Strasse 1, 5656 AA Arnsberg (Neheim) (DE).

(74) ROLFES, Johannes, G., A.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F21V 29/00

(11) WO 03/081127 (13) A2

(21) PCT/GB03/01271

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 0207176.9 26 Mar/mar 2002 GB (26.03.2002)

(30) 0301737.3 24 Jan/jan 2003 GB (24.01.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COOLED LIGHT EMITTING APPARATUS

- APPAREIL EMETTEUR DE LUMIERE REFROIDIE
- (71) ENFIS LIMITED [GB/GB]; Unit 4 Technium, Kings Road, The Docks, Swansea, West Glamorgan SA1 8PH (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EVANS, Gareth, Peter [GB/GB]; 34 Hawthorne Avenue, Uplands, Swansea, West Glamorgan SA2 0LR (GB). BOARD, Kenneth [GB/GB]; 51 Westport Avenue, Mayals, Swansea, West Glamorgan SA3 5EQ (GB).
- (74) PEARSON, James, Ginn et al. / etc.; Abel & Imray, 20 Red Lion Street, London WC1R 4PQ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F22B 31/00, F23C 10/00
- (11) WO 03/081128 (13) A1
- (21) PCT/FR03/00715
- (22) 6 Mar/mar 2003 (06.03.2003)
- (25) fr (26) fr
- (30) 02/03698 25 Mar/mar 2002 FR (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FLUIDIZED BED BOILER FURNACE COMPRISING TWO HEARTHS SEPARATED BY AN INSIDE LEG AREA
- FOYER DE CHAUDIÈRE A LIT FLUIDISE COMPRENANT DEUX SOLES SÉPARÉES PAR UN ENTREJAMBE
- (71) ALSTOM (Switzerland) LTD. [CH/CH]; CHSP Intellectual Property, Brown Boveri Strasse 7, CH-5401 Baden (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ENAULT, Christian [FR/FR]; 91 rue boucicaut, F-92260 Fontenay aux Roses (FR).
- (74) DE LAMBILLY, Marie-Pierre; c/o Alstom, Legal - I.P., 25, avenue Kléber, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F23C 11/00, F23G 5/00, F02M 27/04, F23B 7/00
- (11) WO 03/081130 (13) A1
- (21) PCT/EP03/02976
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) de (26) de
- (30) 102 12 995.9 22 Mar/mar 2002 DE (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FUEL COMBUSTION DEVICE
- DISPOSITIF DE COMBUSTION D'UN COMBUSTIBLE
- (71) PYROPLASMA KG [DE/DE]; Stockholmer Allee 32a, 44269 Dortmund (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HEILIGERS, Rolf [DE/DE]; Kermisdahlstrasse 40, 47533 Kleve (DE). HUNCK,
- CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ F23C 9/00
- (11) WO 03/081129 (13) A1
- (21) PCT/US03/07855
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) en (26) en
- (30) 60/365,223 16 Mar/mar 2002 US (16.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • BURNER TIP AND SEAL FOR OPTIMIZING BURNER PERFORMANCE
- POINTE DE BRULEUR ET JOINT OPTIMISANT LES PERFORMANCES DU BRULEUR
- (71) EXXONMOBIL CHEMICAL PATENTS INC. [US/US]; 5200 Bayway Drive, Baytown, TX 77520-2101 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STEPHENS, George [US/US]; 18930 Timber Way Drive, Humble, TX 77346 (US). SPICER, David, B. [AU/US]; 5319 Del Monte Drive, Houston, TX 77056 (US). BELT, James, H. [US/US]; 14010 FM 2354, Baytown, TX 77520 (US). TRIMBLE, Robert [US/US]; 102 Osage Ridge Drive, San Springs, OK 74063 (US).
- (74) LOMAS, Lucinda; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F23D 14/04, F23C 9/00, F23D 14/48, 14/60, 14/66, F23C 6/04, F23L 7/00
- (11) WO 03/081131 (13) A1
- (21) PCT/US03/07906
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) en (26) en
- (30) 60/365,226 16 Mar/mar 2002 US (16.03.2002)
- (30) 60/365,151 16 Mar/mar 2002 US (16.03.2002)
- (30) 60/365,235 16 Mar/mar 2002 US (16.03.2002)
- (30) 60/365,234 16 Mar/mar 2002 US (16.03.2002)
- (30) 60/365,218 16 Mar/mar 2002 US (16.03.2002)
- (30) 60/365,227 16 Mar/mar 2002 US (16.03.2002)
- (30) 60/365,138 16 Mar/mar 2002 US (16.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • BURNER SYSTEM WITH IMPROVED FLUE GAS RECIRCULATION
- SYSTEME DE BRULEUR AVEC RECIRCULATION AMELIOREE DE GAZ DE COMBUSTION
- (63) US 60/365,226 (CON) 16 Mar/mar 2002 (16.03.2002)
- US 60/365,151 (CON) 16 Mar/mar 2002 (16.03.2002)
- US 60/365,235 (CON) 16 Mar/mar 2002 (16.03.2002)
- US 60/365,234 (CON) 16 Mar/mar 2002 (16.03.2002)
- US 60/365,218 (CON) 16 Mar/mar 2002 (16.03.2002)
- US 60/365,227 (CON) 16 Mar/mar 2002 (16.03.2002)
- US 60/365,138 (CON) 16 Mar/mar 2002 (16.03.2002)
- (71) EXXONMOBIL CHEMICAL PATENTS INC. [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).
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- (72, 75) STEPHENS, George [US/US]; 18930 Timber Way Drive, Humble, TX 77346 (US).
- Wolfgang, Heinrich [DE/DE]; Schwerin-
strasse 14, 40477 Düsseldorf (DE).
- (74) CHARLES, Glyndwr; Reinhard Skuhra
Weise & Partner GbR, Friedrichstrasse 31,
80801 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- SPICER, David, B. [AU/US]; 5319 Del Monte Drive, Houston, TX 77056 (US). BURY, Mark, E. [US/US]; 9 Minot Avenue, Acton, MA 01720 (US). GAUBA, Gautam [IN/US]; 197 Simpson Road, Marlborough, MA 01752 (US).
- (74) LOMAS, Lucinda et al. / etc.; ExxonMobil Chemical Company, Law Technology, P.O. Box 2149, Baytown, TX 77522-2149 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (51)⁷ F23D 14/04, F23C 9/00, F23L 7/00, F23M 11/04, F23C 6/04, F23M 5/02
- (11) WO 03/081132 (13) A2
- (21) PCT/US03/08137
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) en (26) en
- (30) 60/365,151 16 Mar/mar 2002 US (16.03.2002)
- (30) 60/365,235 16 Mar/mar 2002 US (16.03.2002)
- (30) 60/365,218 16 Mar/mar 2002 US (16.03.2002)
- (30) 60/365,227 16 Mar/mar 2002 US (16.03.2002)
- (30) 60/365,234 16 Mar/mar 2002 US (16.03.2002)
- (30) 60/365,224 16 Mar/mar 2002 US (16.03.2002)
- (30) 60/365,223 16 Mar/mar 2002 US (16.03.2002)
- (30) 60/365,150 16 Mar/mar 2002 US (16.03.2002)
- (30) 60/365,081 16 Mar/mar 2002 US (16.03.2002)
- (30) 60/365,139 16 Mar/mar 2002 US (16.03.2002)
- (30) 60/365,145 16 Mar/mar 2002 US (16.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • IMPROVED BURNER WITH LOW NO_x EMISSIONS
- BRULEUR AMELIORE AVEC DE FAIBLES EMISSIONS DE NO<SB>X</SB>
- (71) EXXONMOBIL CHEMICAL PATENTS INC. [US/US]; 5200 Bayway Drive, Baytown, TX 77520-2101 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STEPHENS, George [US/US]; 18930 Timber Way Drive, Humble, TX 77346 (US). SPICER, David, B. [AU/US]; 5319 Del Monte Drive, Houston, TX 77056 (US). TRIMBLE, Robert [US/US]; 102 Osage Ridge Drive, Sand Springs, OK 74063 (US). GAUBA, Gautam [IN/US]; 197 Simpson Road, Marlboro, MA 01752 (US). BURY, Mark, E. [US/US]; 9 Minot Avenue, Acton, MA 01720 (US).
- (74) LOMAS, Lucinda; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ F23D 14/06, 14/58
- (11) WO 03/081133 (13) A1
- (21) PCT/JP03/00598
- (22) 23 Jan/jan 2003 (23.01.2003)
- (25) ja (26) ja
- (30) 2002-81646 22 Mar/mar 2002 JP (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • BURNER
- BRULEUR
- (71) RINNAI KABUSHIKI KAISHA [JP/JP]; 2-26, Fukuzumi-cho, Nakagawa-ku, Nagoya-shi, Aichi 454-0802 (JP).
- (72) INOMATA, Masanobu; c/o RINNAI KABUSHIKI KAISHA, 2-26, Fukuzumi-cho, Nakagawa-ku, Nagoya-shi, Aichi 454-0802 (JP).
- (74) SATO, Tatsuhiko et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).
- (84) EP (DE FR GB NL).
- (51)⁷ F23D 14/08
- (11) WO 03/081134 (13) A1
- (21) PCT/US03/07955
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) en (26) en
- (30) 60/365,150 16 Mar/mar 2002 US (16.03.2002)
- (30) 60/365,146 16 Mar/mar 2002 US (16.03.2002)
- (30) 60/365,139 16 Mar/mar 2002 US (16.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • BURNER EMPLOYING IMPROVED FGR DUCT DESIGN
- BRULEUR UTILISANT UNE CONCEPTION AMELIOREE DE CONDUIT DE RECIRCULATION DE FUMEE
- (63) US 60/365,150 (CON) 16 Mar/mar 2002 (16.03.2002)
- US 60/365,146 (CON) 16 Mar/mar 2002 (16.03.2002)
- US 60/365,139 (CON) 16 Mar/mar 2002 (16.03.2002)
- (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) STEPHENS, George [US/US]; 18930 Timber Way Drive, Humble, TX 77346 (US). SPICER, David, B. [AU/US]; 5319 Del Monte Drive, Houston, TX 77056 (US).
- (74) LOMAS, Lucinda; ExxonMobil Chemical Company, Law Technology, P.O. Box 2149, Baytown, TX 77522-2149 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ F23D 14/06, 14/58
- (11) WO 03/081133 (13) A1
- (21) PCT/JP03/00598
- (22) 23 Jan/jan 2003 (23.01.2003)
- (25) ja (26) ja
- (30) 2002-81646 22 Mar/mar 2002 JP (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • BURNER
- BRULEUR
- (71) RINNAI KABUSHIKI KAISHA [JP/JP]; 2-26, Fukuzumi-cho, Nakagawa-ku, Nagoya-shi, Aichi 454-0802 (JP).
- (72) INOMATA, Masanobu; c/o RINNAI KABUSHIKI KAISHA, 2-26, Fukuzumi-cho, Nakagawa-ku, Nagoya-shi, Aichi 454-0802 (JP).
- (74) SATO, Tatsuhiko et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ F23D 14/08, F23C 9/08

(11) WO 03/081135 (13) A1

(21) PCT/US03/08056

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 60/365,224 16 Mar/mar 2002 US (16.03.2002)

(30) 60/365,139 16 Mar/mar 2002 US (16.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BURNER DESIGN WITH HIGHER RATES OF FLUE GAS RECIRCULATION AND REDUCED NO_x EMISSIONS

• CONCEPTION DE BRULEUR A TAUX PLUS ELEVE DE RECIRCULATION DES FUMEEES ET EMISSIONS NOX REDUITES

(63) US 60/365,113 (CON) 16 Mar/mar 2002 (16.03.2002)
US 60/365,224 (CON) 16 Mar/mar 2002 (16.03.2002)

(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) STEPHENS, George [US/US]; 18930 Timber Way Drive, Humble, TX 77346 (US).
SPICER, David, B. [US/US]; 5319 Del Monte Drive, Houston, TX 77056 (US).

(74) LOMAS, Lucinda; ExxonMobil Chemical Company, Law Technology, P.O. Box 2149, Baytown, TX 77522-2149 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ F23D 14/22, 14/58

(11) WO 03/081136 (13) A1

(21) PCT/EP03/02968

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) MI2002A000611 22 Mar/mar 2002 IT (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BURNER

• BRULEUR

(71) DANIELI & C. OFFICINE MECCANICHE S.P.A. [IT/IT]; Via Nazionale, 41, I-33042 Buttrio (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VECCHIET, Fabio [IT/IT]; Via Trieste, 19, I-33059 Villa Vicentina (IT).
PAVLICEVIC, Milorad [HR/IT]; Via Maniago, 4/c, I-33100 Udine (IT).
POLONI, Alfredo [IT/IT]; Via G. Paolini, 29, I-34070 Fogliano Redipuglia (IT).

(74) GERVAZI, Gemma; Notarbartolo & Gervasi S.P.A., Corso di Porta Vittoria, 9, I-20122 Milan (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F23D 14/26, 14/08

(11) WO 03/081137 (13) A1

(21) PCT/US03/07907

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 60/365,081 16 Mar/mar 2002 US (16.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • REMOVABLE LIGHT-OFF PORT PLUG FOR USE IN BURNERS

• BOUCHON AMOVIBLE DE PORT D'ALLUMAGE DESTINE A ETRE EMPLOYE DANS DES BRULEURS

(63) US 60/365,081 (CON) 16 Mar/mar 2002 (16.03.2002)

(71) EXXONMOBIL CHEMICAL PATENTS INC. [US/US]; 5200 Bayway Drive, Baytown, TX 77520-2101 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEPHENS, George [US/US]; 18930 Timber Way Drive, Humble, TX 77346 (US).
SPICER, David, B. [AU/US]; 5319 Del Monte Drive, Houston, TX 77056 (US).

(74) LOMAS, Lucinda et al. / etc.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ F23G 1/00

(11) WO 03/081138 (13) A2

(21) PCT/DE03/00945

(22) 21 Mar/mar 2003 (21.03.2003)

(25) de (26) de

(30) 102 12 719.0 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND DEVICES FOR ACCELERATING THE CONVERSION OF A CORPSE INTO ASHES OR DUST

- PROCEDE ET DISPOSITIFS PERMETTANT D'ACCELERER LA REDUCTION EN CENDRES OU EN POUSSIERE D'UN CADAVRE
- (71, 72) PETERS, Hans-Jakob [DE/DE]; Am Sande 2, 25548 Kellinghusen (DE).
- (81) AE AT AU BA BG BR BY CA CH CN CO CZ DE DK DZ EE ES FI GB HR HU ID IL IN JP KP KR LT LU LV MK MX NO PH PL PT RO RU SE SG SK TR UA US YU ZA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ F24F 11/02
- (11) WO 03/081139 (13) A1
- (21) PCT/JP03/02002
- (22) 24 Feb/fév 2003 (24.02.2003)
- (25) ja (26) ja
- (30) 2002-89149 27 Mar/mar 2002 JP (27.03.2002)
- (30) 2002-228931 6 Aug/août 2002 JP (06.08.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • AIR CONDITIONER, REMOTE CONTROLLER, AND ULTRASONIC WAVE GENERATING UNIT
- APPAREIL DE CONDITIONNEMENT D'AIR, DISPOSITIF DE COMMANDE A DISTANCE ET UNITE GENERATRICE D'ULTRASONS
- (71) DAIKIN INDUSTRIES, LTD. [JP/JP]; Umeda Center Bldg., 2-4-12, Nakazaki-Nishi, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).
- (72) OKAMOTO, Yoshio; c/o DAIKIN INDUSTRIES, LTD., Shiga Plant, 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-0044 (JP). SAKAGUCHI, Tadashi; c/o DAIKIN INDUSTRIES, LTD., Shiga Plant, 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-0044 (JP). YASUTOMI, Masanao; c/o DAIKIN INDUSTRIES, LTD., Shiga Plant, 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-0044 (JP). ITO, Mikio; c/o DAIKIN INDUSTRIES, LTD., Shiga Plant, 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-0044 (JP).
- (74) ONO, Yukio et al. / etc.; South Forest Bldg., 1-4-19, Minamimori-machi, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).
- (81) AU CN KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
-
- (51)⁷ F24F 11/02
- (11) WO 03/081140 (13) A1
- (21) PCT/JP03/02813
- (22) 10 Mar/mar 2003 (10.03.2003)
- (25) ja (26) ja
- (30) 2002/89150 27 Mar/mar 2002 JP (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • AIR CONDITIONER, AND METHOD OF CONTROLLING AIR CONDITIONER
- CLIMATISEUR ET PROCEDE DE COMMANDE DE CLIMATISEUR
- (71) DAIKIN INDUSTRIES, LTD. [JP/JP]; Umeda Center Bldg., 2-4-12, Nakazaki-Nishi, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).
- (72) KATAOKA, Hidehiko; c/o DAIKIN INDUSTRIES, LTD., Shiga Plant, 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-0044 (JP). MORITA, Takashi; c/o DAIKIN INDUSTRIES, LTD., Shiga Plant, 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-0044 (JP).
- (74) ONO, Yukio et al. / etc.; South Forest Bldg., 1-4-19, Minamimori-machi, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).
- (81) AU CN.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ F24F 12/00, 13/08
- (11) WO 03/081141 (13) A2
- (21) PCT/DE03/00939
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) de (26) de
- (30) 202 04 755.5 25 Mar/mar 2002 DE (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • AIR EXCHANGING DEVICE
- DISPOSITIF DE RENOUVELLEMENT D'AIR
- (71) MELTEM WÄRMERÜCKGEWINNUNG GMBH & CO. KG [DE/DE]; Am Griesfeld 33, 82239 Alling (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) REYNARTZ, Armin [DE/DE]; Meltem Wärmerückgewinnung GmbH & Co. KG, Am Griesfeld 33, 82239 Alling (DE).
- (74) SCHWEIGER, Martin; Karl-Theodor-Str. 69, 80803 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F24F 13/06, 13/068
- (11) WO 03/081142 (13) A1
- (21) PCT/US03/07971
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) en (26) en
- (30) 10/103,626 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • H-SHAPED BOOT-TO-REGISTER COVER MOUNTING ADAPTER
- ADAPTATEUR DE MONTAGE EN FORME DE H D'UN BOITIER DE RACCORDEMENT ET D'UN COUVERCLE DE REGISTRE
- (71) PARAMOUNT CONCEPTS, LTD. [US/US]; 1067 Highpoint Drive, Springboro, OH 45066 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOTTING, William, Andrew [US/US]; 8569 Germantown Road, West Alexandria, OH 45381 (US).
- (74) REED, John, D. 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (u) for / pour US only / seulement
-
- (51)⁷ F24H 9/02
- (11) WO 03/081143 (13) A1
- (21) PCT/US03/08668
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 10/105,561 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • GAS APPLIANCE WITH FLASH SUPPRESSOR

- APPAREIL A GAZ EQUIPE D'UN DISPOSITIF ANTI-EXPLOSION
- (71, 72) CACACE, Jeffrey [US/US]; 332 Franklin Ave., Franklin Square, NY 11010 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ F24H 9/18
- (11) WO 03/081144 (13) A1
- (21) PCT/KR02/01166
- (22) 19 Jun/juin 2002 (19.06.2002)
- (25) en (26) en
- (30) 2002/15805 22 Mar/mar 2002 KR (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HIGH EFFICIENCY BOILER
- CHAUDIERE A GRANDE EFFICACITE
- (71, 72) KIM, Jin-Hak [KR/KR]; 101 Teayoung-Villa, 76-235 Jangwi 2-dong, Sungbuk-gu 136-827 (KR).
- (74) LEE, Hi-Gwon; #303, Daedong Bldg., 1407-9 Deokjin-dong 1-ga, Deokjin-gu, Jeonju 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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)⁷ F25B 9/00
- (11) WO 03/081145 (13) A1
- (21) PCT/JP03/02959
- (22) 12 Mar/mar 2003 (12.03.2003)
- (25) ja (26) ja
- (30) 2002-081841 22 Mar/mar 2002 JP (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CRYOGENIC TEMPERATURE COOL STORAGE DEVICE AND REFRIGERATOR

- DISPOSITIF DE STOCKAGE A TEMPERATURE CRYOGENIQUE ET REFRIGERATEUR
- (71) SUMITOMO HEAVY INDUSTRIES, LTD. [JP/JP]; 9-11, Kitashinagawa 5-chome, Shinagawa-ku, Tokyo 141-8686 (JP). NATIONAL INSTITUTE FOR MATERIALS SCIENCE [JP/JP]; 1-2-1 Sengen, Tsukuba, Ibaraki 305-0047 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LI, Rui [CN/JP]; 2-1-1 Yato-cho, Nishitokyo-city, Tokyo 188-0001 (JP). NUMASAWA, Takenori [JP/JP]; 1-34-2 Kannondai, Tsukuba, Ibaraki 305-0856 (JP).
- (74) TAKAYA, Satoshi et al. / etc.; Minami-Shinjuku Bldg., 10-12, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).
- (81) CN DE JP KR US.
- Published / Publiée : (a)
-
- (51)⁷ F25B 39/04
- (11) WO 03/081146 (13) A1
- (21) PCT/EP03/02662
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) de (26) de
- (30) 102 13 194.5 25 Mar/mar 2002 DE (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SOLDERED REFRIGERANT CONDENSER
- CONDENSEUR DE RÉFRIGÉRANT SOUDÉ
- (71) BEHR GMBH & CO. [DE/DE]; Mauerstr.3, 70469 Stuttgart (DE). BEHR LORRAINE S.A.R.L. [FR/FR]; Europôle, F-57910 Hambach (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JUNG, Patrick [FR/FR]; 10, impasse des Jonquilles, F-57910 Roth (FR). LOUIS, Sylvain [FR/FR]; 31, rue des Jardiniers, F-57000 Metz (FR). MAURER, Alain [FR/FR]; 5, impasse de l'Eglise, F-67290 Weislingen (FR). MICHELS, Christian [FR/FR]; 20, rue de Lorraine, F-67260 Kaskatel (FR). WÖLK, Gerrit [DE/DE]; Olgastr. 126, 70180 Stuttgart (DE).
- (74) HOSENTHIEN-HELD, Jutta; Hosenthien-Held und Dr. Held, Klopstockstr. 63-65, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F25B 43/00, 39/04
- (11) WO 03/081147 (13) A1
- (21) PCT/EP03/02995

- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) de (26) de
- (30) 102 13 176.7 23 Mar/mar 2002 DE (23.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COOLANT CONDENSER
- CONDENSEUR A FLUIDE FRIGORIGENE
- (71) BEHR GMBH & CO. [DE/DE]; Mauerstrasse 3, 70469 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KASPAR, Martin [DE/DE]; Kelterstrasse 99, 73733 Esslingen (DE). MOLT, Kurt [DE/DE]; Ruländerweg 23, 74321 Bietigheim-Bissingen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) EP (SI).
- Published / Publiée : (c)
- Declaration / Déclaration :
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- (51)⁷ F25B 43/00, 39/04
- (11) WO 03/081148 (13) A1
- (21) PCT/EP03/03043
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) de (26) de
- (30) 102 13 175.9 23 Mar/mar 2002 DE (23.03.2002)
- (30) 103 06 192.4 13 Feb/fév 2003 DE (13.02.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CONDENSER
- CONDENSEUR
- (71) BEHR GMBH & CO. [DE/DE]; Mauerstrasse 3, 70469 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FÖRSTER, Uwe [DE/DE]; Altgorbitzer Ring 50, 01169 Dresden (DE). MOLT, Kurt [DE/DE]; Ruländerweg 23, 74321 Bietigheim-Bissingen (DE). WÖLK, Gerrit [DE/DE]; Olgastr. 126, 70180 Stuttgart (DE).
- (74) BEHR GMBH & CO.; Intellectual Property, G-IP, Mauerstrasse 3, 70469 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- Published / Publiée : (c)
- Declaration / Déclaration :
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-
- (51)⁷ F25D 3/11, 29/00
- (11) WO 03/081149 (13) A1
- (21) PCT/FR03/00790

(22) 12 Mar/mar 2003 (12.03.2003)

(25) fr (26) fr

(30) 02/03512 21 Mar/mar 2002 FR
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • OPERATIONAL METHOD FOR A
CRYOGENIC TUNNEL (1)

- L'AIR LIQUIDE SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE

(71) L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CLOAREC, Alain [FR/FR]; A2- Résidence du Moulin Saint-Martin, 22, rue de l'Yvette, F-91160 Longjumeau (FR). PATHIER, Didier [FR/FR]; 27, rue Cézanne, F- 78960 Vosins Le Bretonneux (FR). TAYLOR, Robert [GB/BE]; Venelle des Platanes, B-1300 Wavre (BE).

(74) MELLUL-BENDELAC, Sylvie; L'Air Liquide, SA, 75 quai d'Orsay, 75321 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F25D 11/02, 23/06

(11) WO 03/081150 (13) A1

(21) PCT/AU03/00341

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) PS1282 22 Mar/mar 2002 AU
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AUGMENTATIVE REFRIGERATOR
COMPARTMENT

- COMPARTIMENT DE REFRIGERATEUR AUGMENTATIF

(71, 72) BRENNAN, Richard, Lee [AU/AU]; 11 Wallawa Street, Wanneroo W.A. 6065 (AU).

(74) TURONEK, Mary, Louise; Lord & Company, 4 Douro Place, West Perth, W.A. 6054 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F25D 21/08, F25B 39/02

(11) WO 03/081151 (13) A1

(21) PCT/TR03/00021

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 2002/00783 22 Mar/mar 2002 TR
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • EVAPORATOR AND EVAPORATOR
PRODUCTION METHOD

- EVAPORATEUR ET PROCEDE DE PRODUCTION D'UN EVAPORATEUR

(71) ARÇEL K A. . [TR/TR]; E5 Ankara Asfalt üzeri, Tuzla, 34950 stanbul (TR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AYNUR, Nurettin, Tolga [TR/TR]; air Ar Caddesi No:5/B, Aynur Apt. D.8 Göztepe, Kad köy, 34732 STANBUL (TR).

(74) ANKARA PATENT BUREAU LIMITED; Sehit Adem Yavuz Sok. No:8/22, K z lay, 06440 ANKARA (TR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F25D 23/06

(11) WO 03/081152 (13) A1

(21) PCT/TR03/00029

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 2002/00792 25 Mar/mar 2002 TR
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AN INSULATED UNIT AND PRODUC-
TION METHOD THEREOF

- UNITE ISOTHERME ET PROCEDE DE PRODUCTION ASSOCIE

(71) ARÇELIK A.S. [TR/TR]; E5 Ankara Asfalt üzeri, Tuzla, 34950 Istanbul (TR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ÖZKADI, Fatih [TR/TR]; Arçelik Anonim Sirketi, Ar-Ge Merkezi, Tuzla, 34950 Istanbul (TR). KÜÇÜKPINAR, Esra [TR/TR]; Arçelik Anonim Sirketi, Ar-Ge Merkezi, Tuzla, 34950 Istanbul (TR). YAVUZ, Nihat [TR/TR]; Arçelik Anonim Sirketi, Ar-Ge Merkezi, Tuzla, 34950 Istanbul (TR). ERINCIN, Burhan [TR/TR]; Arçelik Anonim Sirketi, Ar-Ge Merkezi, Tuzla, 34950 Istanbul (TR).

(74) ANKARA PATENT BUREAU LIMITED; Sehit Adem Yavuz Sok. No:8/22, Kizilay, 06440 ANKARA (TR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F25D 29/00

(11) WO 03/081153 (13) A1

(21) PCT/TR03/00018

(22) 21 Mar/mar 2003 (21.03.2003)

(25) tr (26) en

(30) 2002/00784 22 Mar/mar 2002 TR
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A DOMESTIC APPLIANCE

- APPAREIL ELECTROMENAGER

(71) ARCELİK A.S. [TR/TR]; E5 Ankara Asfalt Üzeri, Tuzla, 34950 Istanbul (TR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ORÜNDÜ, Levent [TR/TR]; Arcelik A.S., Buzdolabi Isletmesi, Sanayi Bolgesi, 26540 Eskisehir (TR).

(74) ANKARA PATENT BUREAU LIMITED; Sehit Adem Yavuz Sok. No. 8/22, Kizilay, 06440 Ankara (TR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ F25J 1/00
(11) WO 03/081154 (13) A1
(21) PCT/US03/08515
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
(30) 60/365,888 20 Mar/mar 2002 US (20.03.2002)
(30) 10/391,724 19 Mar/mar 2003 US (19.03.2003)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • PROCESS FOR PRODUCING A PRESSURIZED LIQUEFIED GAS PRODUCT
• PROCEDE PERMETTANT DE PRODUIRE UN PRODUIT GAZEUX LIQUEFIE SOUS PRESSION
(71) EXXONMOBIL UPSTREAM RESEARCH COMPANY [US/US]; P.O. Box 2189, Houston, TX 77252-2189 (US).
(72) KIMBLE, Lawrence, E.; 4814 Rebel Ridge Drive, Sugar Land, TX 77478 (US). BOWEN, Ronald, R.; 37602 Pinwood Court, Magnolia, TX 77354 (US). MINTA, Moses; 39 Sterling Street, Sugar Land, TX 77479-2934 (US). WINNINGHAM, Gary, H.; P.O. Box 265, Anderson, TX 77830 (US).
(74) KATZ, Gary, P. et al. / etc.; ExxonMobil Upstream Research Company, P.O. Box 2189, Houston, TX 77252-2189 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

- (s) for all designations / pour toutes les designations
(t) for all designations / pour toutes les designations

- (51)⁷ F26B 17/20, A23N 17/00
(11) WO 03/081155 (13) A1
(21) PCT/CH03/00198
(22) 26 Mar/mar 2003 (26.03.2003)
(25) de (26) de
(30) 102 13 737.4 26 Mar/mar 2002 DE (26.03.2002)
(30) 102 30 817.9 8 Jul/juil 2002 DE (08.07.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • CONDITIONER
• CONDITIONNEUR
(71) BÜHLER AG [CH/CH]; Bühler AG, Bahnhofstrasse, CH-9240 Uzwil (CH).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) HERMSMEYER, Andrea [DE/DE]; Hermsmeyer Andrea, Berchenstrasse 35, 78467 Konstanz (DE). HANIMANN, Philipp [CH/CH]; Hanimann Philipp, Rühbergstrasse 44, CH-9000 St.Gallen (CH).
(74) BÜHLER AG; Bahnhofstrasse, CH-9240 Uzwil (CH).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

- (r) for the following designations / pour les 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

- (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

- (t) for all designations / pour toutes les designations
(u) for / pour US only / seulement

- (51)⁷ F27B 9/16, C21D 9/00
(11) WO 03/081156 (13) A1
(21) PCT/EP03/02461
(22) 11 Mar/mar 2003 (11.03.2003)
(25) de (26) de
(30) 102 13 991.1 27 Mar/mar 2002 DE (27.03.2002)
(30) 102 59 247.0 17 Dec/déc 2002 DE (17.12.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • INSTALLATION FOR THE HEAT-TREATMENT OF PARTS
• INSTALLATION POUR LE TRAITEMENT THERMIQUE DE PIÈCES A USINER
(71) LOI THERMPROCESS GMBH [DE/DE]; Am Lichtbogen 29, 45141 Essen (DE).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) BECKER, Horst [DE/DE]; Waterloost-rasse 56, 45472 Muelheim an der Ruhr (DE). KÜHN, Friedhelm [DE/DE]; Fichtestrasse 108, D-45472 Mülheim (DE).
(74) HARLACHER, Mechthild; Ruhrgas Aktiengesellschaft, Huttropstrasse 60, 45138 Essen (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F27D 21/00, 1/16

- (11) WO 03/081157 (13) A1
(21) PCT/EP03/01263
(22) 8 Feb/fév 2003 (08.02.2003)
(25) de (26) de
(30) 102 13 641.6 27 Mar/mar 2002 DE (27.03.2002)
(30) 102 16 172.0 12 Apr/avr 2002 DE (12.04.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD FOR MEASURING THE RESIDUAL THICKNESS OF THE LINING OF A METALLURGICAL VESSEL AND FOR OPTIONALLY REPAIRING THE AREAS OF WEAR THAT HAVE BEEN IDENTIFIED AND DEVICE FOR CARRYING OUT A METHOD OF THIS TYPE
• PROCEDE DE MESURE DE L'ÉPAISSEUR RESIDUELLE DU GARNISSAGE D'UN RECIPIENT METALLURGIQUE ET EVENTUELLEMENT DE RENOVATION DES ZONES D'USURE DETERMINEES, ET DISPOSITIF CORRESPONDANT

- (71) REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG [AT/AT]; Wienerbergstrasse 11, A-1100 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) WAISNIX, Franz [AT/AT]; Weiden-gasse 9, A-2325 Velm (AT). KAMMERHOFER, Martin [AT/AT]; Dr. Rosenbergstrasse 22, A-8663 Veitsch (AT). ABERL, Heinrich [AT/AT]; Ferdinand Marklstrasse 1/5, A-4040 Linz (AT). NIEL, Kurt [AT/AT]; Am Parzerberg 10, A-4010 Grieskirchen (AT).
(74) KEIL & SCHAAFHAUSEN; Cronstettenstrasse 66, 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 SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F28B 1/02

(11) WO 03/081158 (13) A1

(21) PCT/CN02/00833

(22) 22 Nov/nov 2002 (22.11.2002)

(25) zh (26) zh

(30) 02116513.0 27 Mar/mar 2002 CN
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HUMID SURFACE EVAPORATION
TYPE HEAT EXCHANGER

• ECHANGEUR THERMIQUE DU TYPE
EVAPORATION DE SURFACE HU-
MIDE

(71, 72) ZHANG, Yongxi [CN/CN]; No. 9
Gao Hutong, Gulou District, Kaifeng,
Henan 475000 (CN). MA, Jian [CN/CN];
Zhengzhou No. 47 Middle School Jia
Shuyuan, Huayuan Road North, Zhengzhou,
Henan 450000 (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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F28D 7/00

(11) WO 03/081159 (13) A1

(21) PCT/FR03/00952

(22) 25 Mar/mar 2003 (25.03.2003)

(25) fr (26) fr

(30) 02/03844 27 Mar/mar 2002 FR
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HEAT EXCHANGER, IN PARTICULAR
FOR MOTOR VEHICLE CONSISTING
OF STACKED TUBULAR ELEMENTS

• ECHANGEUR DE CHALEUR, NOTAM-
MENT POUR UN VEHICULE AUTO-
MOBILE, CONSTITUE D'ELEMENTS
TUBULAIRES EMPILES

(71) VALEO THERMIQUE MOTEUR
[FR/FR]; 8, rue Louis Lormand, F-78321
La Verrière (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GILLE, Gérard [FR/FR]; Rue de la
Charnie, F-53270 Thorigné en Charnie (FR).

POTIER, Michel [FR/FR]; 9, square des
Carrières, F-78120 Rambouillet (FR).

(74) ROLLAND, Jean-Christophe; Valco
Thermique Moteur, 8, rue Louis Lormand,
F-78321 La Verrière (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 PL PT RO RU SD
SE SG 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 HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ F41A 19/13, 19/29

(11) WO 03/081160 (13) A1

(21) PCT/AT03/00087

(22) 27 Mar/mar 2003 (27.03.2003)

(25) de (26) de

(30) A 487/2002 27 Mar/mar 2002 AT
(27.03.2002)

(30) A 982/2002 1 Jul/juil 2002 AT
(01.07.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PISTOL COMPRISING FIRING PIN
DETONATION

• PISTOLET A MISE A FEU PAR PERCU-
TEUR

(71, 72) BUBITS, Wilhelm [AT/AT]; Franz-And-
erle-Platz 4/4/6, A-2345 Brunn/Gebirge
(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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F41B 3/02

(11) WO 03/081161 (13) A1

(21) PCT/FR03/00938

(22) 25 Mar/mar 2003 (25.03.2003)

(25) fr (26) fr

(30) 02/03773 26 Mar/mar 2002 FR
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SLINGSHOT WITH MECHANISM

• FRONDE A MECANISME

(71, 72) ALLAIN, Serge [FR/FR]; 61, Rue Letel-
lier, F-75015 Paris (FR).

(74) BENTZ, Jean-Paul; Cabinet Ballot, 122,
rue Edouard Vaillant, F-92593 Levallois-Per-
ret 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F41B 11/26

(11) WO 03/081162 (13) A1

(21) PCT/US03/08720

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 10/102,434 19 Mar/mar 2002 US
(19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TENNIS TRAINING SYTEM AND
METHOD FOR SIMULATING A REAL
TENNIS MATCH

• SYSTEME D'APPRENTISSAGE DU
TENNIS ET PROCEDE DE SIMULA-
TION D'UN MATCH REEL DE TENNIS

(71, 72) RAISS, Renzo [US/US]; 955 Egret Cir-
cle, Suite 510, Delray Beach, FL 33444 (US).

(74) DOWNEY, Robert, M.; Robert M. Downey,
P.A., Suite 350, 150 East Palmetto Park Road,
Boca Raton, FL 33432 (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 NI NO NZ PL PT RO RU SC SD SE
SG 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 HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ F42B

(11) WO 03/081163 (13) A2

(21) PCT/US03/08441

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/366,132 20 Mar/mar 2002 US
(20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AMMUNITION PROJECTILE HAVING
ENHANCED AERODYNAMIC PRO-
FILE

- PROJECTILE PRESENTANT UN PROFIL AERODYNAMIQUE AMELIORE

(71, 72) **BEAL, Harold, F.** [US/US]; 6277 Sierra Circle, Rockford, TN 38953 (US).

(74) **HODGES, Paul, E.** et al. / etc.; PITTS & BRITTIAN, 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 DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ **F42B**

(11) **WO 03/081164** (13) A2

(21) PCT/US03/00875

(22) **10 Jan/jan 2003 (10.01.2003)**

(25) en (26) en

(30) 10/052,430 **18 Jan/jan 2002 US (18.01.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • POLYMERIC CYCLODEXTRIN NITRATE ESTERS
• ESTERS DE NITRATE DE POLYMERES DE CYCLODEXTRINE

(71) **MACH I, INC.** [US/US]; 340 East Church Road, King of Prussia, PA 19406 (US).

(72) **RUEBNER, Anja**; Morassistrasse 6, 80469 Munchen (DE). **STRATTON, Gary**; 1392 Bittersweet Lane, West Chester, PA 19380 (US). **CONSAGA, John**; P.O. Box 1844, Bolton Landing, NY 12814 (US).

(74) **LONG, William, C.**; 90 Maple Avenue, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F42B 10/14, 10/60**

(11) **WO 03/081165** (13) A1

(21) PCT/US03/07931

(22) **14 Mar/mar 2003 (14.03.2003)**

(25) en (26) en

(30) 10/102,032 **19 Mar/mar 2002 US (19.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MISSILE HAVING DEPLOYMENT MECHANISM FOR STOWABLE FINS
• MISSILE MUNI D'UN MECANISME DE DEPLOIEMENT D'AILETTES ESCAMOTABLES

(71) **RAYTHEON COMPANY** [US/US]; 141 Spring Street, Lexington, MA 02421 (US).

(72) **EISENTRAUT, Rudolph, Adolph**; 5855 South Old Spanish Trail, Tucson, AZ 85747 (US). **KEBSCHULL, Martin, Allen**; 3039 South Nicolette, Tucson, AZ 85730 (US). **PARINE, John, Christopher**; 1422 South Moonflower Lane, Tucson, AZ 85748 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F42B 12/74**

(11) **WO 03/081166** (13) A2

(21) PCT/EP03/03932

(22) **25 Mar/mar 2003 (25.03.2003)**

(25) en (26) en

(30) 60/367,843 **25 Mar/mar 2002 US (25.03.2002)**

(30) 60/432,492 **10 Dec/déc 2002 US (10.12.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BULLET WITH BOOSTER FILLING AND ITS MANUFACTURE
• BALLE AVEC GARNISSAGE DE PROPULSION AUXILIAIRE ET PROCEDE DE FABRICATION

(71, 72) **LAMM, Charles, Robert, Emile** [FR/AR]; Jose C. Paz 375, 1641 Acasuso (AR).

(74) **MARTIN, Didier**; Cabinet Didier Martin, 50, Chemin des Verrières, F-69260 Charbonnières les Bains (FR).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F42C 19/095**

(11) **WO 03/081167** (13) A1

(21) PCT/EP03/02842

(22) **19 Mar/mar 2003 (19.03.2003)**

(25) de (26) de

(30) 102 13 691.2 **27 Mar/mar 2002 DE (27.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR PROTECTING AN OBJECT
• PROCEDE POUR PROTEGER UN OBJET

(71) **DIEHL MUNITIONSSYSTEME GMBH & CO. KG** [DE/DE]; Fischbachstr. 16, 90552 Röthenbach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PAPPERT, Gunnar** [DE/DE]; Stürzhofer Weg 25, 90518 Altdorf (DE). **HAMMER, Helmut** [DE/DE]; Röthenbacher Str. 53, 90562 Heroldsberg (DE). **SCHLÜTER, Klaus** [DE/DE]; Schöntal 3, 90542 Eckental (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01B**

(11) **WO 03/081168** (13) A2

(21) PCT/EP03/00217

(22) **13 Jan/jan 2003 (13.01.2003)**

- (25) de (26) de
- (30) 102 14 490.7 **26 Mar/mar 2002 DE (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR DETERMINING AND CORRECTING GUIDING ERRORS IN A COORDINATE MEASURING DEVICE
• PROCEDE POUR DETERMINER ET CORRIGER DES ERREURS DE CONDUITE DANS UN APPAREIL DE MESURE DE COORDONNEES
- (71) **CARL ZEISS [DE/DE];** 89518 Heidenheim (DE).
(only for / seulement pour AT BE BG CH CY CZ DE DK EE ES FI FR GR IE IT LU MC NL PT SE SI SK TR)
- (71) **CARL-ZEISS-STIFTUNG TRADING AS CARL ZEISS [DE/DE];** 89518 Heidenheim (DE).
(only for / seulement pour GB JP)
- (72, 75) **GRUPP, Günter [DE/DE];** Friedhofstrasse 32, 89558 Böhmenkirch (DE). **FUCHS, Andreas [DE/DE];** Albatrosweg 38, 73434 Aalen (DE). **JENISCH, Walter [DE/DE];** Wichernweg 14, 89520 Heidenheim (DE). **BERNHARDT, Ralf [DE/DE];** Albstrasse 115, 73432 Aalen (DE). **SCHMID, Harald [DE/DE];** Eichwaldstrasse 34, 73430 Aalen (DE). **STAADEN, Ulrich [DE/DE];** Wichernweg 31/1, 89520 Heidenheim (DE).
- (74) **WITTE, A. et al. / etc.;** Witte, Weller & Partner, Postfach 105462, 70047 Stuttgart (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
-
- (51)⁷ **G01B 5/25, 7/31, 21/14**
- (11) **WO 03/081169 (13) A1**
- (21) PCT/GB03/01240
- (22) **24 Mar/mar 2003 (24.03.2003)**
- (25) en (26) en
- (30) 0206951.6 **22 Mar/mar 2002 GB (22.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • APPARATUS AND METHOD FOR DETERMINING THE SPATIAL RELATIONSHIP BETWEEN TWO SURFACES
• APPAREIL ET PROCEDE DE DETERMINATION DE LA RELATION SPATIALE ENTRE DEUX SURFACES
- (71) **ORCAM ENGINEERING LIMITED [GB/GB];** APL Centre, Stevenston Industrial Estate, Stevenston, Ayrshire KA20 3LR (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CAMERON, John [GB/GB];** Eastfield, 3 Russel Drive, Dalry, Ayrshire KA24 5BT (GB).
- (74) **KENNEDYS PATENT AGENCY LIMITED;** Floor 5 Queens House, 29 St Vincent Place, Glasgow G1 2DT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK
- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G01B 7/16**
- (11) **WO 03/081170 (13) A2**
- (21) PCT/FR03/00955
- (22) **26 Mar/mar 2003 (26.03.2003)**
- (25) fr (26) fr
- (30) 02/03815 **27 Mar/mar 2002 FR (27.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • STRAIN-MEASURING DEVICE
• DISPOSITIF DE MESURE EXTENSOMETRIQUE
- (71, 72) **MAUBANT, Philippe [FR/FR];** 25, rue Saint Nicolas, F-68340 Riquewihir (FR).
- (72, 75) **TRIDEMY, Régis [FR/FR];** 124, rue du Château Zu Rhein, F-68200 Mulhouse (FR).
- (74) **NITHARDT, Roland;** Cabinet Nithardt & Associés s.a., Boite postale 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G01B 7/34, G01N 27/00, G03F 7/20, G11B 9/00, G12B 21/08, 21/20, H01J 37/317**
- (11) **WO 03/081171 (13) A1**
- (21) PCT/EP03/02680
- (22) **14 Mar/mar 2003 (14.03.2003)**
- (25) de (26) de
- (30) 102 12 736.0 **21 Mar/mar 2002 DE (21.03.2002)**
- (30) 103 03 040.9 **26 Jan/jan 2003 DE (26.01.2003)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DEVICE AND METHOD FOR MASKLESS AFM MICROLITHOGRAPHY
• DISPOSITIF ET PROCEDE DE MICROLITHOGRAPHIE AFM SANS CACHE
- (71) **LEICA MICROSYSTEMS LITHOGRAPHY GMBH [DE/DE];** Goeschwitzer
- Strasse 25, 07745 Jena (DE). **UNIVERSITÄT KASSEL [DE/DE];** Moenchebergstrasse 19, 34109 Kassel (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RANGELOW, Ivo [DE/DE];** Obere Sommerbachstrasse 45, 34225 Baunatal (DE). **IVANOV, Tzvetan [BG/DE];** Hugo-Preuß-Strasse 33, 34131 Kassel (DE). **HUDEK, Peter [DE/DE];** Talstrasse 38, 07743 Jena (DE). **FORTAGNE, Olaf [DE/DE];** Käthe-Kollwitz-Strasse 15, 07743 Jena (DE).
- (74) **REICHERT, Werner, F.;** Franz-Groedel-Str. 1, 61231 Bad Nauheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **G01B 17/08, G01V 1/38, G01S 15/89**
- (11) **WO 03/081172 (13) A1**
- (21) PCT/IB02/01073
- (22) **25 Mar/mar 2002 (25.03.2002)**
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CLASSIFYING SEAFLOOR ROUGHNESS WITH SOM AND LVQ
• CLASSIFICATION DE LA RUGOSITE DU PLANCHER OCEANIQUE PAR SOM ET LVQ
- (71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN];** Rafi Marg, New Delhi 110 001 (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHAKRABORTY, Bishwajit [IN/IN];** National Institute of Oceanography, Dona Paula, Goa 403 004 (IN). **KODAGALI, Vijay [IN/IN];** National Institute of Oceanography, Dona Paula, Goa 403 004 (IN). **BARACHO, Jennifer [IN/IN];** National Institute of Oceanography, Dona Paula, Goa 403 004 (IN). **JOSEPH, Anthony [IN/IN];** National Institute of Oceanography, Dona Paula, Goa 403 004 (IN).
- (74) **GABRIEL, Devadoss, Calab;** Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Dehli 110 062 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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)⁷ G01C 3/08, G01D 11/24

(11) WO 03/081173 (13) A1

(21) PCT/DE03/00187

(22) 24 Jan/jan 2003 (24.01.2003)

(25) de (26) de

(30) 102 13 434.0 26 Mar/mar 2002 DE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE AND ACCESSORY
• APPAREIL ET ACCESSOIRE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STIERLE, Joerg [DE/DE]; Beethovenstrasse 36, 71111 Waldenbuch (DE). WOLF, Peter [DE/DE]; Sandweg 23, 70771 Leinfelden-Echterdingen (DE). RENZ, Kai [DE/DE]; Keltenstr. 6, 70771 Leinfelden-Echterdingen (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ G01C 3/08, G01D 11/24

(11) WO 03/081174 (13) A1

(21) PCT/DE03/00276

(22) 31 Jan/jan 2003 (31.01.2003)

(25) de (26) de

(30) 102 13 433.2 26 Mar/mar 2002 DE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • RANGE FINDING DEVICE COMPRISING AN AIMING DEVICE
• TELEMETRE COMPORTANT UN SYSTEME DE VISEE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STIERLE, Joerg [DE/DE]; Beethovenstrasse 36, 71111 Waldenbuch (DE). WOLF, Peter [DE/DE]; Sandweg 23, 70771 Leinfelden-Echterdingen (DE). RENZ, Kai [DE/DE]; Keltenstr. 6, 70771 Leinfelden-Echterdingen (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ G01C 9/06, 9/10

(11) WO 03/081175 (13) A1

(21) PCT/EP03/02975

(22) 21 Mar/mar 2003 (21.03.2003)

(25) de (26) de

(30) 102 12 854.5 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TILT SENSOR
• GYRO-DETECTEUR D'INCLINAISON

(71) HAHN-SCHICKARD-GESELLSCHAFT FÜR ANGEWANDTE FORSCHUNG E.V. [DE/DE]; Wilhelm-Schickard-Strasse 10, 78052 Villingen-Schwenningen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KÜCK, Heinz [DE/DE]; Thomas-Münzer-Weg 43, 70437 Stuttgart (DE). WARKENTIN, Daniel [DE/DE]; Ludwigstrasse 13, 70176 Stuttgart (DE). BENZ, Daniel [DE/DE]; Fliederstrasse 13, 71397 Leutenbach (DE).

(74) SCHOPPE, Fritz et al. / etc.; Postfach 246, 82043 Pullach bei München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ G01C 17/04, 17/32, H04M 1/02, 1/21, H04Q 7/20

(11) WO 03/081176 (13) A1

(21) PCT/JP03/02143

(22) 26 Feb/fév 2003 (26.02.2003)

(25) ja (26) ja

(30) 2002-083840 25 Mar/mar 2002 JP (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PORTABLE TERMINAL
• TERMINAL PORTABLE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-0050 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SATO, Hiroyuki [JP/JP]; Room 407, Sankutasu Ojima, 5-34-10, Ojima, Koto-ku, Tokyo 136-0072 (JP). MIYASHITA, Akihiro [JP/JP]; Room 306, Rakosuta Kosugiminami, 506, Imainamicho, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0064 (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 GB US.

(51)⁷ G01C 21/16, 25/00

(11) WO 03/081177 (13) A1

(21) PCT/US03/08649

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/366,383 21 Mar/mar 2002 US (21.03.2002)

(30) 10/179,148 24 Jun/juin 2002 US (24.06.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHODS AND APPARATUS FOR INSTALLATION ALIGNMENT OF EQUIPMENT

• PROCEDES ET APPAREIL DE CALAGE A L'INSTALLATION D'UN EQUIPEMENT

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) JONES, Ralph, R.; 1560 130th Lane NE, Blaine, MN 55449 (US). WEED, Douglas, M.; 8636 191st Avenue NE, Forest Lake, MN 55025 (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 SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01C 21/32, 21/34, G08G 1/0968

(11) WO 03/081178 (13) A1

(21) PCT/IB03/01034

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 102 13 150.3 23 Mar/mar 2002 DE (23.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • NAVIGATION ARRANGEMENT BASED ON COORDINATE FIELDS

• AGENCEMENT DE NAVIGATION FONDE SUR DES CHAMPS DE COORDONNEES

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf DE US)

(72, 75) STABENAU, Daniel [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(74) VOLMER, Georg; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G01D

(11) WO 03/081179 (13) A2

(21) PCT/US03/08319

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/366,149 19 Mar/mar 2002 US
(19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • VEHICLE ROLLOVER DETECTION
SYSTEM
• SYSTEME DE DETECTION DE CAPO-
TAGE DE VEHICULE

(71) AUTOMOTIVE SYSTEMS LABORA-
TORY, INC. [US/US]; 27200 Haggerty
Road, Suite B-12, Farmington Hills, MI
48331 (US).

(72) WATSON, William, Todd; 47037 Ruthan
Drive, Belleville, MI 48111 (US). CECH,
Leonard, S.; 5082 Walnut Hills Drive,
Brighton, MI 48116 (US).

(74) BEGIN, Laurence, C. et al. / etc.; Dinnin
& Dunn, P.C., 2701 Cambridge Court, Suite
500, Auburn Hills, MI 48326 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G01D

(11) WO 03/081180 (13) A2

(21) PCT/US03/08358

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/366,148 19 Mar/mar 2002 US
(19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • VEHICLE ROLLOVER DETECTION
SYSTEM
• SYSTEME DE DETECTION DU RE-
TOURNEMENT D'UN VEHICULE

(71) AUTOMOTIVE SYSTEMS LABORA-
TORY, INC. [US/US]; Suite B-12, 27200

Haggerty Road, Farmington Hills, MI 48331
(US).

(72) WATSON, William, Todd; 47037 Ruthan
Drive, Belleville, MI 48111 (US).

(74) BEGIN, Laurence, C. et al. / etc.; Dinnin
& Dunn, P.C., 2701 Cambridge Court, Suite
500, Auburn Hills, MI 48326 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G01D 5/00

(11) WO 03/081181 (13) A2

(21) PCT/DE03/00749

(22) 8 Mar/mar 2003 (08.03.2003)

(25) de (26) de

(30) 102 12 813.8 22 Mar/mar 2002 DE
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CIRCUIT ARRANGEMENT FOR REC-
TIFYING THE OUTPUT VOLTAGE OF
A SENSOR THAT IS FED BY AN OS-
CILLATOR

• CIRCUIT SERVANT A REDRESSER LA
TENSION DE SORTIE D'UN CAPTEUR
ALIMENTE PAR UN OSCILLATEUR

(71) BOSCH REXROTH AG [DE/DE]; Heide-
hofstrasse 31, 70184 Stuttgart (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) PANZER, Karlheinz [DE/DE]; Haupt-
strasse 15, 97525 Schwebheim (DE).

(74) BOSCH REXROTH AG; Zum Eisengiesser
1, 97816 Lohr am Main (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ G01D 5/14, G01R 33/02

(11) WO 03/081182 (13) A1

(21) PCT/JP03/03457

(22) 20 Mar/mar 2003 (20.03.2003)

(25) ja (26) ja

(30) 2002-81955 22 Mar/mar 2002 JP
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ANGLE DETERMINING APPARATUS
AND ANGLE DETERMINING SYS-
TEM

• APPAREIL ET SYSTEME DE DETER-
MINATION D'ANGLE

(71) ASAHI KASEI KABUSHIKI KAISHA
[JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku,

Osaka-shi, Osaka 530-8205 (JP). SENTRON
AKTIENGESELLSCHAFT [CH/CH];
Baarerstrasse 73, CH-6300 Zug (CH).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) KAKUTA, Katsumi [JP/JP]; 76-17,
Atsuhara, Fuji-shi, Shizuoka 419-0201 (JP).
SCHOTT, Christian [DE/CH]; Avenue du
Delay 4, CH-1110 Morges (CH).

(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 JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G01D 7/00, G05B 23/02, G06F 3/02,
G01F 23/284

(11) WO 03/081183 (13) A1

(21) PCT/EP03/02973

(22) 21 Mar/mar 2003 (21.03.2003)

(25) de (26) de

(30) 102 13 746.3 26 Mar/mar 2002 DE
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ARRANGEMENT FOR THE OPERA-
TION OF FIELD DEVICES

• DISPOSITIF PERMETTANT DE FAIRE
FONCTIONNER UN APPAREIL DE
TERRAIN

(71) ENDRESS + HAUSER GMBH + CO. KG
[DE/DE]; Hauptstrasse 1, 79689 Maulburg
(DE).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) ERDMANN, Frank [DE/DE];
Schwarzwaldstrasse 456, 79183 Wald-
kirch (DE). KILIAN, Markus [DE/DE];
Marie-Curie-Strasse 8, 79100 Freiburg (DE).
SPANKE, Dietmar [DE/DE]; Kandener
Strasse 61, 79585 Steinen (DE). VON
STEIN, Bert [DE/DE]; Allmendweg 8,
79183 Waldkirch (DE).

(74) ANDRES, Angelika; c/o Endress + Hauser
Deutschland Holding GmbH, PatServe, Col-
marer 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01F 1/66, G01P 5/24

(11) WO 03/081184 (13) A1

(21) PCT/FI03/00224

(22) 24 Mar/mar 2003 (24.03.2003)

(25) fi (26) en

(30) 20020579 26 Mar/mar 2002 FI (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ULTRASONIC FLOW METER AND A METHOD FOR MEASURING FLOW
• DEBITMETRE A ULTRASONS, ET PROCEDE DE MESURE DE DEBIT

(71) VAISALA OYJ [FI/FI]; P.O. Box 26, FIN-00421 Helsinki (FI).
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(72, 75) HIETANEN, Jarmo [FI/FI]; Kielotie 2 D, FIN-02260 Espoo (FI).

(74) SEPPO LAINE OY; Itämerenkatu 3 B, FIN-00180 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01F 23/22, 23/24

(11) WO 03/081185 (13) A1

(21) PCT/IN02/00049

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • LIQUID NITROGEN LEVEL SENSOR-MONITOR DEVICE USING HIGH Tc SUPERCONDUCTORS AND METHOD OF MANUFACTURE THEREOF

• DISPOSITIF DE DETECTION/SURVEILLANCE DE NIVEAU D'AZOTE LIQUIDE FAISANT APPEL A DES SUPERCONDUCTEURS A TC ELEVE ET PROCEDE DE FABRICATION DE CE DISPOSITIF

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

(72) ADKADKAM, Sobha; Regional Research Laboratory, Thiruvananthapuram 695 019,

Kerala (IN). ALOYSIUS, Rajappan, Padmavathy; Regional Research Laboratory, Thiruvananthapuram 695 019, Kerala (IN). GURUSWAMY, Perumal; Regional Research Laboratory, Thiruvananthapuram 695 019 (IN). WARRIER, Krishna, Gopakumar; Regional Research Laboratory, Thiruvananthapuram 695 019 (IN). SYAMAPRASAD, Upendran; Regional Research Laboratory, Thiruvananthapuram 695 019, Kerala (IN).

(74) HARIHARAN, Subramaniam et al. / etc.; Subramaniam, Nataraj & Associates, E 556 Greater Kailash II, New Delhi 110 048 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG 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)⁷ G01H

(11) WO 03/081186 (13) A2

(21) PCT/GB03/01150

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 0206646.2 21 Mar/mar 2002 GB (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • VIBRATION SENSOR
• DETECTEUR DE VIBRATION

(71) QINETIQ LIMITED [GB/GB]; Registered Office, 85 Buckingham Gate, London SW1E 6PD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THOMAS, Sean, Dormer [GB/GB]; QinetiQ Winfrith, Winfrith Technology Centre, A22 Bldg, Rm 163, Winfrith Newburgh, Dorchester, Dorset DT2 8XJ (GB). HILL, David, John [GB/GB]; QinetiQ Winfrith, Winfrith Technology Centre, A22 Bldg, Rm 162, Winfrith Newburgh, Dorchester, Dorset DT2 8XJ (GB). NASH, Philip, John [GB/GB]; QinetiQ Winfrith, Winfrith Technology Centre, A22 Bldg, Rm 162, Winfrith Newburgh, Dorchester, Dorset DT2 8XJ (GB). TANNER, Simon [GB/GB]; QinetiQ Winfrith, Winfrith Technology Centre, A22 Bldg, Rm 053, Winfrith Newburgh, Dorchester, Dorset DT2 8XJ (GB).

(74) KNIGHT, S. J.; D/IP QinetiQ Formalities, Cody Technology Park, A4 Building, Room G016, Ively Road, Farnborough, Hampshire GU14 0LX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ G01J

(11) WO 03/081187 (13) A2

(21) PCT/EP03/03200

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 02006984.5 27 Mar/mar 2002 EP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • OPTICAL BROAD BAND ELEMENT AND PROCESS FOR ITS PRODUCTION

• ELEMENT OPTIQUE LARGE BANDE ET PROCEDE DE PRODUCTION

(71) CARL ZEISS SMT AG [DE/DE]; Carl-Zeiss-Strasse 22, 73447 Oberkochen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAKSHIN, Andrey, E. [NL/NL]; Kamperveste 2, NL-3432 BD Nieuwegein (NL). KOJEVNIKOV, Igor, Victorovich [RU/RU]; Krasnoarmeiskaya Street, Ivanteevka, Moscow, 141250 (RU). BIJKERK, Frederik [NL/NL]; Lauriergracht 13, NL-1016 RD Amsterdam (NL). LOUIS, Eric [NL/NL]; Topaashof 3, NL-3402 ZG Ijsselstein (NL).

(74) FUCHS, Jürgen, H. et al. / etc.; Söhnleinstr. 8, 65201 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ G01J

(11) WO 03/081188 (13) A2

(21) PCT/US03/08417

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/365,698 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HIGH SPEED ANALYZER USING NEAR INFRARED RADIATION

TRANSMITTED THROUGH THICK SAMPLES OF OPTICALLY DENSE MATERIAL

- ANALYSEUR HAUTE VITESSE UTILISANT LE RAYONNEMENT INFRA-ROUGE PROCHE TRANSMIS A TRAVERS LES ECHANTILLONS EPAIS D'UN MATERIAU OPTIQUEMENT DENSE

(71) **AG LEADER TECHNOLOGY, INC.** [US/US]; 2202 South Riverside Drive, Ames, IA 50010 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AMBUEL, Jack** [US/US]; 6 Ahsley Circle, Madison, WI 53719 (US).

(74) **ROSENBERG, Daniel**; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01J 1/04, 1/42**

(11) **WO 03/081189** (13) A1

(21) PCT/DE03/00759

(22) **11 Mar/mar 2003 (11.03.2003)**

(25) de (26) de

(30) 102 13 410.3 **26 Mar/mar 2002 DE (26.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PHOTOELECTRIC MEASURING DEVICE

- UNITE DE MESURE PHOTOELECTRIQUE

(71) **GOSSEN FOTO- UND LICHTMESSTECHNIK GMBH** [DE/DE]; Thomas-Mann-Strasse 16-20, 90471 Nürnberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAUER, H., Günter** [DE/DE]; Schlesienstr. 15, 90301 Forchheim (DE).

(74) **HAFNER, Dieter** et al. / etc.; Schleiermacherstrasse 25, 90491 Nürnberg (DE).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

Declaration / Déclaration :

(u) *for / pour US only / seulement*

(51)⁷ **G01J 3/00**

(11) **WO 03/081190** (13) A2

(21) PCT/US03/08103

(22) **17 Mar/mar 2003 (17.03.2003)**

(25) en (26) en

(30) 10/100,298 **18 Mar/mar 2002 US (18.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SPECTRALLY TUNABLE DETECTOR
• DETECTEUR SPECTRALEMENT ACCORDABLE

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) **COLE, Barrett, E.**; 3010 W. 112th Street, Bloomington, MN 55431 (US). **KRISHNANKUTTY, Subash**; 64 Mountain View Terrace, North Haven, CT 06473 (US). **SUBRAMANIAN, Arunkumar**; 15710 Rockford Road Apt. 108, Plymouth, MN 55446 (US). **HIGASHI, Robert, E.**; 20220 Manor Road, Shorewood, MN 55331 (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 SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01J 3/30**

(11) **WO 03/081191** (13) A1

(21) PCT/US02/09506

(22) **27 Mar/mar 2002 (27.03.2002)**

(25) en (26) en

(30) 10/100,609 **18 Mar/mar 2002 US (18.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HYPERSPECTRAL SYSTEM FOR CAPTURING GRAPHICAL IMAGES

- SYSTEME EN HYPERESPACE SPECTRAL PERMETTANT L'ACQUISITION D'IMAGES GRAPHIQUES

(71, 72) **KLEIMAN, Larry** [US/US]; 2417 Third Avenue, Suite 302, Bronx, NY 10451 (US).

(74) **HELFGOTT, Samson** et al. / etc.; Katten, Muchin, Zavis, Rosenman, 575 Madison Avenue, New York, NY 10022-2585 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 HU 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)⁷ **G01K 1/02, 1/08, 7/02**

(11) **WO 03/081192** (13) A1

(21) PCT/US03/00914

(22) **13 Jan/jan 2003 (13.01.2003)**

(25) en (26) en

(30) 10/100,606 **18 Mar/mar 2002 US (18.03.2002)**

(30) 29/157,311 **18 Mar/mar 2002 US (18.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PROTECTIVE CAP FOR A THERMO-COUPLE IN A GASIFIER

- COIFFE DE PROTECTION POUR THERMOCOUPLE DANS UN DETENDEUR DE GAZ

(71) **TEXACO DEVELOPMENT CORPORATION** [US/US]; 6001 Bollinger Canyon Road, San Ramon, CA 94583-2324 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GROEN, John, Corwyn** [US/US]; 85 Derick Drive, Fishkill, NY 12524 (US).

(74) **RODMAN, Philip** et al. / etc.; Rodman & Rodman, 7 South Broadway, White Plains, NY 10601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01K 11/18, 11/32**

(11) **WO 03/081193** (13) A1

(21) PCT/IN02/00075

(22) **27 Mar/mar 2002 (27.03.2002)**

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • INTENSITY MODULATED FIBER OPTIC TEMPERATURE SWITCHING IMMERSION PROBE

- SONDE A IMMERSION AVEC FIBRES OPTIQUES, A MODULATION D'INTENSITE, PRESENTANT UNE FONCTION DE CORRECTION DE TEMPERATURE

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; an Indian Registered body incorporated under the Registration of Societies Act (Act XXI of 1860), Rafi Marg, 110 001 New Delhi (IN). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SINGH, Nahar** [IN/IN]; Central Scientific Instrument Organization, Sector 30-C, 160 020 Chandigarh (IN). **JAIN, Subhash**,

- Chander** [IN/IN]; Central Scientific Instrument Organization, Sector 30-C, 160 020 Chandigarh (IN). **AGGARWAL, Anil, Kumar** [IN/IN]; Central Scientific Instrument Organization, Sector 30-C, 160 020 Chandigarh (IN).
- (74) **GABRIEL, DEVADOSS, CALAB; KUMARAN & SAGAR, 84-C, C6 LANE, OFF CENTRAL AVENUE, SAINIK FARMS, 110 062 NEW DELHI (IN).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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)
- 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); (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); (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)
- (51)⁷ G01L 9/00, 19/00
(11) WO 03/081194 (13) A1
(21) PCT/EP03/02829
(22) 18 Mar/mar 2003 (18.03.2003)
(25) de (26) de
(30) 102 12 947.9 22 Mar/mar 2002 DE (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PRESSURE SENSOR, ESPECIALLY FOR THE CAPACITIVE DETERMINATION OF ABSOLUTE PRESSURE
• CAPTEUR DE PRESSION DESTINE NOTAMMENT A LA DETERMINATION CAPACITIVE DE LA PRESSION ABSOLUE
- (71) **NORD-MICRO AG & CO. OHG** [DE/DE]; Victor-Slotosch-Strasse 20, 60388 Frankfurt/Main (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SINGPIEL, Roland** [DE/DE]; Am Schlosspark 39 b, 65203 Wiesbaden (DE).
- (74) **PREISSNER, Nicolaus et al.** / etc.; FLÜGEL PREISSNER KASTEL, Haimhauserstrasse 1, München 80802 (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G01L 9/00, 1/16, 19/00
(11) WO 03/081195 (13) A1
(21) PCT/GB03/01181
(22) 17 Mar/mar 2003 (17.03.2003)
(25) en (26) en
(30) 0206705.6 21 Mar/mar 2002 GB (21.03.2002)
(30) 0302311.6 31 Jan/jan 2003 GB (31.01.2003)
(30) 0305461.6 10 Mar/mar 2003 GB (10.03.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PRESSURE MONITOR INCORPORATING SAW DEVICE
• APPAREIL DE MESURE DE LA PRESSION COMPORTANT UN DISPOSITIF A ONDE ACOUSTIQUE DE SURFACE (SAW)
- (71) **TRANSENSE TECHNOLOGIES PLC** [GB/GB]; 66 Heyford Park, Upper Heyford, Bicester, Oxford OX25 5HD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KALININ, Victor, Alexandrovich** [RU/GB]; 27 Derwent Avenue, Headington, Oxford OX3 0AR (GB). **LOHR, Raymond, David** [GB/GB]; Stratton Cottage, The Square, Long Crendon, Buckinghamshire HP18 9AA (GB). **LEE, Mark** [GB/GB]; 5 Cornforth Road, Calmore, Totton, Southampton SO40 2TP (GB). **LEIGH, Arthur, John** [GB/GB]; 12 Bowmen's Lea, Aynho, Banbury, Oxfordshire OX17 3AG (GB).
- (74) **HEDGES, Martin, Nicholas et al.** / etc.; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ G01L 19/00
(11) WO 03/081196 (13) A1
(21) PCT/JP03/03513
(22) 24 Mar/mar 2003 (24.03.2003)
(25) ja (26) ja
(30) 2002-085705 26 Mar/mar 2002 JP (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HIERARCHICAL LOSSLESS ENCODING/DECODING METHOD, HIERARCHICAL LOSSLESS ENCODING METHOD, HIERARCHICAL LOSSLESS DECODING METHOD, ITS APPARATUS, AND PROGRAM
• PROCEDE DE CODAGE / DECODAGE HIERARCHIQUE SANS PERTES, PROCEDE DE CODAGE HIERARCHIQUE SANS PERTES, PROCEDE DE DECODAGE HIERARCHIQUE SANS PERTES, APPAREIL ET PROGRAMME CORRESPONDANTS
- (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) **NOMURA, Toshiyuki** [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). **TAKAMIZAWA, Yuichiro** [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).
- (74) **KANEDA, Nobuyuki et al.** / etc.; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) CA CN KR SG US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- (51)⁷ G01L 19/06, 19/14
(11) WO 03/081197 (13) A1
(21) PCT/IN02/00050
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(43) 2 Oct/oct 2003 (02.10.2003)

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 60/368,190 26 Mar/mar 2002 US
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ESTERIFICATION OF XANTHOPHYLLS
• ESTERIFICATION DE XANTHOPHYLLES

(71) PRODEMEX, S.A. DE C.V. [MX/MX]; Canal Lateral 18, KM. 8, Carretera Campo 35, Zona Industrial Los Mochis, APDO. Postal 1095, Los Mochis, Sinaloa C. P., Mexico 81364 (MX).

(72) CORDONA, Mario, D.T.; Monterrey, Nuevo Leon, Mexico (MX). RODRIGUEZ, Gustavo; Rio Presidio, 360 N, Los Mochis, Sinaloa, 81240 Mexico (MX).

(74) DELANEY, Karoline, A.; KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 03/081201 (13) A2

(21) PCT/IL03/00208

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 60/365,800 21 Mar/mar 2002 US
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PERIPHERAL BLOOD CELL MARKERS USEFUL FOR DIAGNOSING MULTIPLE SCLEROSIS AND METHODS AND KITS UTILIZING SAME

• MARQUEURS DE CELLULES SANGUINES PERIPHERIQUES UTILES POUR LE DIAGNOSTIC DE LA SCLEROSE EN PLAQUES ET PROCEDES ET TROUSSES COMPRENANT DE TELS MARQUEURS

(71) YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM [IL/IL]; Hi Tech Park, The Edmond J. Safra Campus, The Hebrew University of Jerusalem, Givat Ram, 91 390 Jerusalem (IL). HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD. [IL/IL]; Kiryat Hadassah, 91120 Jerusalem (IL).

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(72, 75) ACHIRON, Anat [IL/IL]; 4 Kafrisin Street, Tel Baruch, 69 016 Tel Aviv (IL). GUREVICH, Michael [IL/IL]; 41 Mordechai Bashist, 76236 Rehovot (IL). MANDEL, Mathilda [IL/IL]; 39 Ha'zohar Street, 62 914 Tel-Aviv (IL). FRIEDMAN, Nir [IL/IL]; P.O. Box 01208, 90 805 Mevaseret Zion (IL). KAMINSKI, Naftali [IL/IL]; 69 Mendes Street, 52 653 Ramat-Gan (IL).

(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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 03/081202 (13) A2

(21) PCT/US02/35888

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(30) 60/348,239 9 Nov/nov 2001 US
(09.11.2001)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BIOCONJUGATE-NANOPARTICLE PROBES

• SONDES NANOPARTICULAIRES DE BIOCONJUGUE

(71) NANOSPHERE, INC. [US/US]; 1818 Skokie Boulevard, Northbrook, IL 60062 (US).

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(72, 75) GARIMELLA, Viswanadham [IN/US]; 910 Washington Street, Apartment 1C, Evanston, IL 60202 (US). STORHOFF, James, J. [US/US]; 1735 Washington Street, Evanston, IL 60202 (US).

(74) MIAO, Emily; 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 NI NO NZ OM PH 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 HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 03/081203 (13) A2

(21) PCT/US03/10110

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/365,941 20 Mar/mar 2002 US
(20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CSF BIOMARKER DILUTION FACTOR CORRECTIONS BY MRI IMAGING AND ALGORITHM

• CORRECTIONS FACTORIELLES DE DILUTION DE BIOMARQUEURS DE CSF PAR IMAGERIE IRM ET ALGORITHME ASSOCIE

(71) NEW YORK UNIVERSITY [US/US]; 70 Washington Square South, New York, NY 10012 (US).

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(72, 75) DE LEON, Mony [US/US]; 110 Bleeker Street, Apt. 18E, New York, NY 10012 (US). RUSINEK, Henry [US/US]; 2 West Drive, Great Neck, NY 11021 (US).

(74) JACKSON, David, A.; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 03/081204 (13) A2

(21) PCT/US03/08032

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 60/366,324 20 Mar/mar 2002 US
(20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MICROSCALE SENSOR ELEMENT AND RELATED DEVICE AND METHOD OF MANUFACTURE

• MICRODETECTEUR ET DISPOSITIF S'Y RAPPORANT, ET PROCEDE DE FABRICATION

(71) PURDUE RESEARCH FOUNDATION [US/US]; Office of Technology Commercialization, 1291 Cumberland Avenue, West Lafayette, IN 47906 (US).

(72) BASHIR, Rashid; 3372 Morgan St., W. Lafayette, IN 47906 (US). PEPPAS,

- Nicholas, A.; 7502 Dubonnet Way, Indianapolis, IN 46278 (US). HILT, James, Z.; 1132 Anthrop Dr., W. Lafayette, IN 47907 (US). GUPTA, Amit, K.; 427 South River Rd., Apt. #3, West Lafayette, IN 47906 (US).
- (74) SUDOL, R., Neil; Coleman Sudol Sapone, P.C., 714 Colorado Avenue, Bridgeport, CT 06605-1601 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N
- (11) WO 03/081205 (13) A2
- (21) PCT/US03/08041
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) en (26) en
- (30) 10/105,172 21 Mar/mar 2002 US (21.03.2002)
- (30) 10/341,621 13 Jan/jan 2003 US (13.01.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • IONIZATION APPARATUS AND METHOD FOR MASS SPECTROMETER SYSTEM
- APPAREIL D'IONISATION ET PROCEDE POUR UN SYSTEME DE SPECTROMETRE DE MASSE
- (63) US 10/105,172 (CIP) 21 Mar/mar 2002 (21.03.2002)
- (71) THERMO FINNIGAN LLC [US/US]; 355 River Oaks Parkway, San Jose, CA 95134-1991 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAKAROV, Alexander, A. [RU/GB]; 90 Marlborough Avenue, Cheadle Hulme, Cheshire SK8 7AR (GB). BONDARNKO, Pavel, V. [UA/US]; 1774 Blossom Court, Thousand Oaks, CA 91320 (US).
- (74) TEST, Aldo, J. et al. / etc.; Dorsey & Whitney LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N
- (11) WO 03/081207 (13) A2
- (21) PCT/US03/08326
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 10/102,022 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COMPOSITIONS AND METHODS FOR MODELING BACILLUS SUBTILIS METABOLISM
- CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ G01N
- (11) WO 03/081206 (13) A2
- (21) PCT/US03/08226
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) en (26) en
- (30) 60/365,338 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • STRATIFICATION OF PATIENT POPULATIONS HAVING OR SUSPECTED OF HAVING RHEUMATOID ARTHRITIS
- STRATIFICATION DE POPULATIONS ETUDIÉES ATTEINTES OU PRESUMÉES ATTEINTES D'ARTHRITE RHEUMATOÏDE
- (71) ALEXION PHARMACEUTICALS, INC. [US/US]; 352 Knottter Drive, Cheshire, CT 06410 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROTHER, Russell, P. [US/US]; 25 Blue Trail Drive, Prospect, CT 06712 (US).
- (74) FARBER, Mark; Alexion Pharmaceuticals, Inc., 352 Knottter Drive, Cheshire, CT 06410 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N
- (11) WO 03/081208 (13) A2
- (21) PCT/US03/08411
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 60/365,326 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • IMPROVEMENTS IN PHARMACEUTICAL DISCOVERY AND DEVELOPMENT
- AMÉLIORATIONS APPORTÉES DANS LA RECHERCHE ET LE DÉVELOPPEMENT DE MÉDICAMENTS
- (71) ESA, INC. [US/US]; 22 Alpha Road, Chelmsford, MA 01824 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GAMACHE, Paul, H. [US/US]; 7 Springwood Circle, Hudson, NH 03051 (US). WARASKA, John, C. [US/US]; 15 Hanover St., Newbury, MA 01951 (US).
- (74) SOLOWAY, Norman, P. et al. / etc.; Hayes Soloway P.C., 130 W. Cushing Street, Tucson, AZ 85701 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N
- (11) WO 03/081209 (13) A2
- (21) PCT/US03/08326
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 60/365,326 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COMPOSITIONS ET PROCEDES DE MODELISATION DU METABOLISME DE <I>BACILLUS SUBTILIS</I>
- (71) GENOMATICA, INC. [US/US]; 5405 Morehouse Drive, Suite 210, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARK, Sung, M. [US/US]; 17359 Libertad Drive, San Diego, CA 92127 (US). SCHILLING, Christophe, H. [US/US]; 12541-G El Camino Real, San Diego, CA 92130 (US). PALSSON, Bernhard, O. [US/US]; 730 Fern Glen, La Jolla, CA 92037 (US).
- (74) GAY, David, A. et al. / etc.; McDermott, Will & Emery, 4370 La Jolla Village Drive, 7th Floor, San Diego, CA 92122 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N
- (11) WO 03/081208 (13) A2
- (21) PCT/US03/08411
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 60/365,326 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • IMPROVEMENTS IN PHARMACEUTICAL DISCOVERY AND DEVELOPMENT
- AMÉLIORATIONS APPORTÉES DANS LA RECHERCHE ET LE DÉVELOPPEMENT DE MÉDICAMENTS
- (71) ESA, INC. [US/US]; 22 Alpha Road, Chelmsford, MA 01824 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GAMACHE, Paul, H. [US/US]; 7 Springwood Circle, Hudson, NH 03051 (US). WARASKA, John, C. [US/US]; 15 Hanover St., Newbury, MA 01951 (US).
- (74) SOLOWAY, Norman, P. et al. / etc.; Hayes Soloway P.C., 130 W. Cushing Street, Tucson, AZ 85701 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 03/081209 (13) A2

(21) PCT/US03/08724

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 10/103,535 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IDENTIFICATION OF LIGANDS FOR A RECEPTOR FAMILY AND RELATED METHODS

• IDENTIFICATION DE LIGANDS POUR UNE FAMILLE DE RECEPTEURS ET PROCÉDES ASSOCIÉS

(71) TRIAD THERAPEUTICS, INC. [US/US]; 9381 Judicial Drive, San Diego, CA 92121 (US).
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(72, 75) YU, Lin [CN/US]; 11597 Tree Hollow Lane, San Diego, CA 92128 (US).
DONG, Qing [CN/US]; 11087 Morning Creek Drive S., San Diego, CA 92128-4047 (US).
PIERRE, Fabrice [FR/US]; 8544 Villa La Jolla Drive, Apt. 199, La Jolla, CA 92037-8314 (US).

(74) GUY, Pamela, M. et al. / etc.; McDermott, Will & Emery, 4370 La Jolla Village Drive, Seventh Floor, 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 NI NO NZ OMPH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01N

(11) WO 03/081210 (13) A2

(21) PCT/US03/08725

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/366,892 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IDENTIFICATION OF KINASE INHIBITORS

• IDENTIFICATION D'INHIBITEURS DE KINASE

(71) SUNESIS PHARMACEUTICALS, INC. [US/US]; 341 Oyster Point Boulevard, South San Francisco, CA 94080 (US).

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(72, 75) PRESCOTT, John, C. [US/US]; 1419 5th Avenue, San Francisco, CA 94122 (US).
BRAISTED, Andrew [US/US]; 738 Joost Avenue, San Francisco, CA 94127 (US).

(74) DREGER, Ginger, R.; Heller, Ehrman, White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OMPH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 03/081211 (13) A2

(21) PCT/US03/08959

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/366,441 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DISCRETE BAYESIAN ANALYSIS OF DATA

• ANALYSE BAYESIENNE DISCRETE DE DONNEES

(63) US 60/366,441 (CIP)
19 Mar/mar 2002 (19.03.2002)

(71) STRUCTURAL BIOINFORMATICS, INC. [US/US]; 10929 Technology Place, San Diego, CA 92127 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KARLOV, Valeri, I. [US/US]; 92 St. Botolph Street, Boston, MA 02116 (US).
PADILLA, Carlos, E. [US/US]; 128 Reed Street, Lexington, MA 02421-4263 (US).

(74) SEIDMAN, Stephanie, L. et al. / etc.; Heller Ehrman White & McAuliffe LLP, 4350 La Jolla Village Drive, 7th Floor, San Diego, CA 92122-1246 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OMPH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OMPH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OMPH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G01N 1/00

(11) WO 03/081212 (13) A2

(21) PCT/US03/07989

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 10/098,846 16 Mar/mar 2002 US (16.03.2002)

(30) 60/439,127 10 Jan/jan 2003 US (10.01.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ADJUSTABLE AIR SAMPLER WITH PSYCHROMETRICS FOR VIABLE AND NON-VIABLE AEROSOLS

• ECHANTILLONNEUR D'AIR REGLABLE AVEC MESURES PSYCHOMETRIQUES D'AEROSOLS VIABLES ET NON VIABLES

(71) PATHOGENUS, INC. [CA/CA]; 820-1810 Burnhamthorpe Road, Etobicoke, Ontario M9C 4W2 (CA).
BIOCHEM TECH, LLC [US/US]; P.O. Box 150511, 107 West Lufkin Ave., Suite 318, Lufkin, TX 75915-0511 (US).
NATIONAL HVAC CONSULTANTS, LTD [CA/CA]; 820-1810 Burnhamthorpe Road, Etobicoke, Ontario M9C 4W2 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SPURRELL, Leon [CA/CA]; 820-1810 Burnhamthorpe Road, Etobicoke, Ontario M9C 4W2 (CA).

(74) WILSON, Kirk; Wilson Enterprises, 2333 Brighton Farms Blvd., Knoxville, TN 37932 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

- LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :**
(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement
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- (51)⁷ G01N 1/22
- (11) WO 03/081213 (13) A1
- (21) PCT/MX02/00026
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) es (26) es
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SPECIFIC DEVICE AND METHOD FOR THE EXTRACTION OF GAS SAMPLES FROM A ROTARY CEMENT KILN OR SIMILAR APPLICATIONS
- PROCEDE ET DISPOSITIF SPECIFIQUE DESTINES A L'EXTRACTION D'ECHANTILLONS GAZEUX DE FOUR ROTATIF DE CIMENT OU A DES APPLICATIONS SIMILAIRES
- (71, 72) ARCE PAZ, Alejandro Reynol [MX/MX]; Mariano Azuela 144, Circuito Novelistas, Ciudad Satelite, Naucalpan Edo. de México 53100 (MX). KONRAD HEINZLE, Ernst [AT/MX]; Artemio del Valle Arizpe 5-76C, Circuito Cronistas, Ciudad Satelite, Naucalpan Edo. de México, C.P. 53100 (MX).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG 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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- (51)⁷ G01N 1/24
- (11) WO 03/081214 (13) A2
- (21) PCT/US02/34375
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) en (26) en
- (30) 60/330,673 26 Oct/oct 2001 US (26.10.2001)
- (30) 10/277,069 21 Oct/oct 2002 US (21.10.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SYSTEM AND METHOD FOR DETECTING HAZARDOUS MATERIALS INSIDE CONTAINERS
- SYSTEME ET PROCEDE DE DETECTION DE MATERIAUX DANGEREUX DANS DES CONTENEURS
- (71) LOCKHEED MARTIN CORPORATION [US/US]; c/o Lockheed Martin Federal Systems, 1801 State Route 17C, Owego, NY 13827 (US).
- (72) MEGERLE, Clifford, A.; c/o Lockheed Martin Federal Systems, 1801 State Route 17C, Owego, NY 13827 (US).
- (74) COHEN, Jerry et al. / etc.; Perkins, Smith & Cohen, LLP, 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 NI NO NZ OM PH 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 HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 21/00, 31/00, 33/00, 1/10, 1/16, 1/14, 1/00, B01L 3/00, 3/02, 11/00
- (11) WO 03/081215 (13) A1
- (21) PCT/US02/08080
- (22) 18 Mar/mar 2002 (18.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND APPARATUS FOR STORING AND DISPENSING REAGENTS
- PROCEDE ET APPAREIL DE STOCKAGE ET DE DISTRIBUTION DE REACTIFS
- (71, 72) BOVA, George, Steven [US/US]; 1000 Fell Street, Apt. 510, Baltimore, MD 22131 (US).
- (72) LEIGHTON, Stephen, B.; 9007 Woodland Drive, Silver Spring, MD 20910-1513 (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 NI NO NZ OM PH 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 21/35
- (11) WO 03/081216 (13) A2
- (21) PCT/US03/06710
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) en (26) en
- (30) 60/365,529 20 Mar/mar 2002 US (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROCESS MONITORING USING INFRARED OPTICAL DIAGNOSTICS
- CONTROLE DE TRAITEMENT UTILISANT DES DIAGNOSTICS OPTIQUES INFRAROUGES
- (71) TOKYO ELECTRON LIMITED [JP/JP]; TBS Broadcast Center, 3-6 Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LUDVIKSSON, Audunn [IS/US]; 11580 East Desert Holly Drive, Scottsdale, AZ 85255 (US).
- (74) CASEY, Michael, R.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 21/64, 33/48
- (11) WO 03/081217 (13) A1
- (21) PCT/FR03/00907
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) fr (26) fr
- (30) 02/03590 22 Mar/mar 2002 FR (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)

- (54) • METHOD FOR EVALUATING THE PHOTOSYNTHETIC ACTIVITY OF A PLANT AND, IN CASE OF PERTURBATION, FOR IDENTIFYING THE DEFICIENCIES IN PARTICULAR NUTRITIONAL AND DEVICE THEREFOR
- PROCEDE ET DISPOSITIF POUR EVALUER L'ACTIVITE PHOTOSYNTHETIQUE D'UNE PLANTE ET IDENTIFIER LES POSSIBLES CARENCES NOTAMMENT NUTRITIONNELLES
- (71) SOCIETE ALSACIENNE POUR LE DEVELOPPEMENT ET L'ETUDE DE LA FERTILITE - S.A.D.E.F SARL [FR/FR]; Rue de la Station - Aspach-Le-Bas, F-68700 Cernay (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOURRIE, Bruno [FR/FR]; 38, Route de la Station, F-68700 Aspach-Le-Bas (FR).
- (74) NITHARDT, Roland; Cabinet Nithardt et Associes 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 21/86
(11) WO 03/081219 (13) A1
(21) PCT/FI03/00231
(22) 26 Mar/mar 2003 (26.03.2003)
(25) fi (26) en
(30) 20020585 27 Mar/mar 2002 FI (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR TIME SYNCHRONIZATION OF INFORMATION MEASURED BY MEANS OF IMAGING
- PROCEDE DE SYNCHRONISATION TEMPORELLE D'INFORMATIONS MESUREES PAR IMAGERIE
- (71) METSO AUTOMATION OY [FI/FI]; Tulpantie 1 B, FIN-00880 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AIMONEN, Pertti [FI/FI]; Huutokiventie 22 E 1, FIN-33960 Pirkkala (FI). KALANIEMI, Hannes [FI/FI]; Eevastiantie 6, FIN-40500 Jyväskylä (FI). MUSTONEN, Harri [FI/FI]; Kiulu 12 E 10, FIN-40520 Jyväskylä (FI).
- (74) TAMPEREEN PATENTTITOIMISTO OY; Hermiankatu 12 B, FIN-33720 Tampere (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 23/04
(11) WO 03/081220 (13) A2
(21) PCT/US03/08383
- (22) 18 Mar/mar 2003 (18.03.2003)
(25) en (26) en
(30) 60/366,062 19 Mar/mar 2002 US (19.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SYSTEMS AND METHODS FOR IMAGING LARGE FIELD-OF-VIEW OBJECTS
- SYSTEMES ET PROCEDES D'IMAGERIE POUR DES OBJETS A ANGLE DE CHAMP ETENDU
- (71) BREAKAWAY IMAGING, LLC [US/US]; 410 Great Road, Littleton, MA 01460 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GREGERSON, Eugene, A. [US/US]; 291 Hudson Road, Bolton, MA 01740 (US). GRANT, Richard, K. [US/US]; 62 Phillips Road, Sudbury, MA 01776 (US). JOHNSON, Norbert [US/US]; 1 Riverview Boulevard #2-208, Methuen, MA 01844 (US).
- (74) REYNOLDS, Leo, R. 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N 23/20
(11) WO 03/081221 (13) A2
(21) PCT/US03/08542
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
(30) 60/366,417 21 Mar/mar 2002 US (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TRANSMISSION MODE X-RAY DIFFRACTION SCREENING SYSTEM
- SYSTEME DE CRIBLAGE PAR DIFFRACTION DE RAYONS X EN MODE TRANSMISSION
- (71) BRUKER AXS, INC. [US/US]; 5465 East Cheryl Parkway, Madison, WI 53711-5373 (US).
- (72) HE, Bob, Baoping; 7425 West Valley Ridge Drive, Madison, WI 53719 (US). BOLLIG, Ryan, C.; 6243 State Road 73, Marshall, WI 53559 (US). BRÜGEMANN, Hans, Mathias, Lutz; Malscherstrasse 5, 76448 Durmersheim (DE).
- (74) CONRAD, Philip, L.; Kudirka & Jobse, LLP, Suite 1510, One 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 SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 23/207, G21K 1/06

(11) WO 03/081222 (13) A1

(21) PCT/US02/08434

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SCREENING OF COMBINATORIAL LIBRARY USING X-RAY ANALYSIS
• CRIBLAGE DE BANQUE COMBINAIRE AU MOYEN D'ANALYSE PAR RAYONS X

(71) X-RAY OPTICAL SYSTEMS, INC. [US/US]; 30 Corporate Circle, Albany, NY 12203 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NICOLICH, Jeffrey, P. [US/US]; 7 Woodlake Road, Apt. 5, Albany, NY 12203 (US). GIBSON, David, M. [US/US]; 4 Cedar Court, Voorheesville, NY 12203 (US).

(74) RADIGAN, Kevin, P. 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 VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ G01N 27/00

(11) WO 03/081223 (13) A2

(21) PCT/US02/27676

(22) 29 Aug/août 2002 (29.08.2002)

(25) en (26) en

(30) 60/316,111 29 Aug/août 2001 US (29.08.2001)

(30) PCT/US01/28717 14 Sep/sep 2001 US (14.09.2001)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SENSORS WITH VARIABLE RESPONSE BEHAVIOR

• CAPTEURS A COMPORTEMENT REACTIF VARIABLE

(63) US PCT/US01/28717 (CIP)
14 Sep/sep 2001 (14.09.2001)

(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) STANFORD, Thomas, B. [US/US]; 114 E. Pearl Street, Port Hueneme, CA 93041-2906 (US). VAN AST, Camille, I. [US/US]; 3798 San Marcos Court, Newbury Park, CA 91320 (US). YAMAGISHI, Frederick, G. [US/US]; 247 Mesa Avenue, Newbury Park, CA 91320 (US).

(74) PALMER, John; 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 27/62, G01P 5/08

(11) WO 03/081224 (13) A1

(21) PCT/FI03/00226

(22) 25 Mar/mar 2003 (25.03.2003)

(25) fi (26) en

(30) 20020565 25 Mar/mar 2002 FI (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A CELL STRUCTURE, DEVICE AND METHODS FOR GAS ANALYSIS
• STRUCTURE EN CELLULE, DISPOSITIF ET PROCÉDES POUR L'ANALYSE DE GAZ

(71) LAPPEENRANNAN TEKNILLINEN KORKEAKOULU [FI/FI]; P.O. Box 20, FIN-53851 Lappeenranta (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANTTALAINEN, Osmo [FI/FI]; Visatie 7, FIN-50120 Mikkeli (FI).

(74) BERGGREN OY AB; P.O. Box 16, FIN-00101 Helsinki (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01N 27/74

(11) WO 03/081225 (13) A1

(21) PCT/IB03/01052

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 60/366,876 22 Mar/mar 2002 US (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PARAMAGNETIC OXYGEN SENSING APPARATUS AND METHOD

• APPAREIL DE DETECTION D'OXYGENE PARAMAGNETIQUE ET PROCEDE CONNEXE

(71) INSTRUMENTARIUM CORPORATION [FI/FI]; Kuortaneenkatu 2, FIN-00510 Helsinki (FI).
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(72, 75) HAVERI, Heikki [FI/FI]; Pajamaentie 1A3, FIN-00360 Helsinki (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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 60/366,067 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ULTRASONIC DETECTION OF POROUS MEDIUM CHARACTERISTICS

• DETECTION PAR ULTRASONS DES CARACTERISTIQUES D'UN MILIEU POREUX

(71) MILLIPORE CORPORATION [US/US]; 290 Concord Road, Billerica, MA 01821 (US).

(72) PETERSON, Michael, L., Jr.; 61 Bennoch Road, Orono, ME 04473 (US). DILEO, Anthony, J.; 13 Voss Road, Westford, MA 01886 (US). WANG, Zong, Mu; 14 D University

- Park, Old Town, ME 04468 (US). GREENBERG, Alan; 2999 Tincup Circle, Boulder, CO 80305 (US).
- (74) CONWAY, Robert, T. 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 29/02
- (11) WO 03/081227 (13) A1
- (21) PCT/EP02/03201
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) de (26) de
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ANALYSIS OF THE PHYSICAL CHARACTERISTICS OF FLUIDS BY EVALUATING THE TRANSMISSION FUNCTION OF A SAW SENSOR
- ANALYSE DE PROPRIETES PHYSIQUES DE FLUIDES PAR EVALUATION DE LA FONCTION DE TRANSMISSION D'UN CAPTEUR SAW
- (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) KOPPI, Andreas [DE/DE]; Freiburger Platz 5, 80686 München (DE). WENNINGER, Franz [DE/DE]; Daiserstrasse 15, 81371 München (DE).
- (74) SCHOPPE, Fritz et al. / etc.; SCHOPPE, ZIMMERMANN, STÖCKELER & ZINKLER, POSTFACH 71 08 67, 81458 München (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ G01N 29/14
- (11) WO 03/081228 (13) A2
- (21) PCT/GB03/01174
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 0206460.8 19 Mar/mar 2002 GB (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ACOUSTIC EMISSION
- EMISSION ACOUSTIQUE
- (71) IMES LIMITED [GB/GB]; Tern Place, Denmore Road, Bridge Of Don, Aberdeen AB23 8JX (GB).
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- (72, 75) LITTLE, John [GB/GB]; 27 D Manse Road, Hatton, Peterhead AB42 OLQ (GB).
- (74) PENDERED, Timothy, Georges et al. / etc.; R. G. C., Jenkins & Co, 26 Caxton Street, London SW1H 0RJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 30/88, 30/72, 30/04, 27/62
- (11) WO 03/081229 (13) A1
- (21) PCT/JP03/03521
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) ja (26) ja
- (30) 2002-82821 25 Mar/mar 2002 JP (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD OF ASSAYING COENZYMES A IN BIOLOGICAL SAMPLE
- TECHNIQUE DE DOSAGE DE COENZYMES DANS UN ECHANTILLON BIOLOGIQUE
- (71) TEIJIN LIMITED [JP/JP]; 6-7, Minamihommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SAKAI, Mitsuru [JP/JP]; c/o Teijin Limited, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). SUGIMOTO, Yoshinori [JP/JP]; c/o Teijin Limited, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP).
- (74) MIHARA, Hideko; c/o Teijin Intellectual Property Center Limited, 1-1, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (22) 10 Jan/jan 2003 (10.01.2003)
- (25) en (26) en
- (30) 10/102,540 20 Mar/mar 2002 US (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • OPTICAL IMAGING OF NANOSTRUCTURED SUBSTRATES
- IMAGERIE OPTIQUE DE SUBSTRATS NANOSTRUCTURES
- (71) WISCONSIN ALUMNI RESEARCH FOUNDATION [US/US]; 614 North Walnut Street, P.O. Box 7365, Madison, WI 53707-7365 (US).
- (72) ABBOTT, Nicholas; 2120 Jefferson Street, Madison, WI 53711 (US). NEALEY, Paul; 1611 Adams Street, Madison, WI 53711 (US).
- (74) FRIEDRICHSEN, Bernard; Foley & Lardner, 150 East Gilman Street, P.O. Box 1497, Madison, WI 53701-1497 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 33/00, F24F 6/02
- (11) WO 03/081231 (13) A1
- (21) PCT/EP03/00033
- (22) 3 Jan/jan 2003 (03.01.2003)
- (25) de (26) de
- (30) 102 03 637.3 30 Jan/jan 2002 DE (30.01.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND DEVICE FOR CALIBRATING A HUMIDITY SENSOR AND SENSOR ARRANGEMENT COMPRISING A HUMIDITY SENSOR THAT CAN BE CALIBRATED
- PROCEDE ET DISPOSITIF DE CALIBRAGE D'UN DETECTEUR D'HUMIDITE ET SYSTEME DETECTEUR DOTE D'UN DETECTEUR D'HUMIDITE CALIBRABLE
- (71) TESTO AG [DE/DE]; Testo-Str. 1, 79853 Lenzkirch (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROMBACH, Martin [DE/DE]; Am Sommerberg 11, 79853 Lenzkirch (DE). LANGENBACHER, Markus [DE/DE]; Haldenweg 9, 79853 Lenzkirch (DE).
- (74) SCHMUCKERMAIER, Bernhard; Westphal, Mussnug & Partner, Mozartstr. 8, 80336 München (DE).
- (81) BR CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
-
- (51)⁷ G01N 31/00
- (11) WO 03/081230 (13) A1
- (21) PCT/US03/00865

(51)⁷ G01N 33/28, F01M 11/10

(11) WO 03/081232 (13) A1

(21) PCT/EP02/03200

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE AND METHOD FOR DETECTING CHARACTERISTICS OF LIQUIDS
• DISPOSITIF ET PROCEDE POUR DETERMINER DES PROPRIETES DE LIQUIDES

(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) KOPPLI, Andreas [DE/DE]; Freiburger Platz 5, 80686 München (DE). MEIXNER, Leonhard [DE/DE]; Strahlenfelder Strasse 20, 81243 München (DE).

(74) SCHOPPE, Fritz et al. / etc.; Schoppe, Zimmermann, Stöckeler & Zinkler, Postfach 246, 82043 Pullach bei München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G01N 33/28, E21B 49/08

(11) WO 03/081233 (13) A1

(21) PCT/US03/08554

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/103,417 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR SIMULATING PVT PARAMETERS
• PROCEDE ET APPAREIL DE SIMULATION DE PARAMETRES PVT

(71) GEOMARK RESEARCH, INC. [US/US]; 9748 Whithorn Drive, Houston, TX 77095 (US).

(72) FERWORN, Kevin, A.; 14342 Chadbourne Drive, Houston, TX 77079 (US). ZUMBERGE, John, E.; 5306 Cedar Bend Creek, Houston, TX 77041 (US). FORD, John, D., III; 70 North Golden Vine Circle, The Woodlands, TX 77382 (US).

(74) SPRINGS, Darryl, M. et al. / etc.; Baker Hughes Incorporated, Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01N 33/48

(11) WO 03/081234 (13) A2

(21) PCT/EP03/02687

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 02006650.2 26 Mar/mar 2002 EP (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH HOMO SAPIENS G - PROTEIN - COUPLED RECEPTOR 8 (GPR8)

• METHODES DIAGNOSTIQUES ET THERAPEUTIQUES RELATIVES A DES MALADIES ASSOCIEES AU RECEPTEUR 8 COUPLE A LA PROTEINE G HUMAINE (GPR8)

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOLZ, Stefan [DE/DE]; Bückmannsmühle 46, 45326 Essen (DE). BRÜGGE-MEIER, Ulf [DE/DE]; Leysiefen 20, 42799 Leichlingen (DE). GEERTS, Andreas [DE/DE]; Schuckertstr. 29, 42113 Wuppertal (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G01N 33/483, 15/14

(11) WO 03/081235 (13) A1

(21) PCT/EP03/01415

(22) 13 Feb/fév 2003 (13.02.2003)

(25) en (26) en

(30) 0206765.0 22 Mar/mar 2002 GB (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD OF SINGLE CELL CLONING IN EUKARYOTIC CELL CULTURE

• PROCEDE DE CLONAGE MONOCELLULAIRE DANS UNE CULTURE DE CELLULES EUKARYOTES

(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)

(72, 75) ONADIPE, Kunle [GB/GB]; 45 Burket Close, Norwood Green, Southhall, Middlesex UB2 NR (GB). METCALFE, Hillary [GB/GB]; 26 Martingdale Road, Wiltshire SN8 3TY (GB). VERNON, Alison [GB/GB]; 5 Mower close, Wokingham, Berkshire RG40 1RZ (GB).

(74) LONZA BIOLOGICS PLC.; Business Development, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G01N 33/50, 33/53

(11) WO 03/081236 (13) A2

(21) PCT/CA03/00422

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 60/367,883 24 Mar/mar 2002 US (24.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND DEVICE FOR PREDICTING CARDIOVASCULAR EVENTS

• PROCEDE ET DISPOSITIF DE PREDICTION D'EVENEMENTS CARDIO-VASCULAIRES

(71) MCMASTER UNIVERSITY [CA/CA]; 1280 MAIN STREET WEST, GH 306G, HAMILTON, Ontario L8S 4L8 (CA).

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(72, 75) YUSUF, Salim [CA/CA]; 48 Woodend Drive, Carlisle, Ontario L0R 1H2 (CA). HIRSH, Jack [CA/CA]; Town House 6, 442 Maple Avenue, Burlington, Ontario L7S

- 2L7 (CA). **EIKELBOOM, John** [AU/AU]; Perth, Perth, Australian Capital Territory 6897 (AU).
- (74) **MCGUINNESS, Ursula, M.**; **GOWLING LAFLEUR HENDERSON LLP, SUITE 560-120 KING STREE WEST, PO BOX 1045, LCD 1, HAMILTON, Ontario L8N 3R4 (CA).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 33/50, 33/569, C12N 5/06, 5/16, 5/22**
- (11) **WO 03/081237** (13) A1
- (21) PCT/DK03/00192
- (22) **21 Mar/mar 2003 (21.03.2003)**
- (25) en (26) en
- (30) 60/366,421 **21 Mar/mar 2002 US (21.03.2002)**
- (30) PA 2002 00481 **27 Mar/mar 2002 DK (27.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DETECTION AND ISOLATION OF CELL POPULATIONS FROM MUSCLE USING ANTIBODIES TO FA1/DLK1
- DETECTION ET ISOLATION DE POPULATIONS CELLULAIRES D'UN MUSCLE AU MOYEN D'ANTICORPS DIRIGES CONTRE FA1/DLK1
- (71) **NSGENE A/S [DK/DK]**; 154 Baltorpvej, DK-2750 Ballerup (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JENSEN, Charlotte, Harken [DK/DK]**; Bergmannsvej 48, Thuro, DK-5700 Svendborg (DK). **TEISNER, Borge [DK/DK]**; Vestergade 93, 2., DK-5000 Odense C (DK). **SCHRÖDER, Henrik, Daa [DK/DK]**; Hole Skovvej 95, Korup, DK-5210 Odense NV (DK).
- (74) **VELLING, Peder et al. / etc.**; NeuroSearch A/S, Patent Department, 93 Pederstrupvej, DK-2750 Ballerup (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations;
- (f) for all designations / pour toutes les désignations
- (u) for / pour US only / seulement
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- (51)⁷ **G01N 33/50**
- (11) **WO 03/081238** (13) A2
- (21) PCT/EP03/03056
- (22) **24 Mar/mar 2003 (24.03.2003)**
- (25) en (26) en
- (30) 02006609.8 **22 Mar/mar 2002 EP (22.03.2002)**
- (30) 60/377,043 **30 Apr/avr 2002 US (30.04.2002)**
- (30) 60/421,813 **29 Oct/oct 2002 US (29.10.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A CYTOCAPACITY TEST FOR THE PREDICTION OF THE HEMATOPOIETIC RECOVERY, NEUTROPENIC FEVER, AND ANTIMICROBIAL TREATMENT FOLLOWING HIGH-DOSE CYTOTOXIC CHEMOTHERAPY
- ESSAI DE CYTOCAPACITE PERMETTANT LA PREDICTION DE LA RECUPERATION HEMATOPOIETIQUE, LA FIEVRE NEUTROPENIQUE, ET LE TRAITEMENT ANTIMICROBIEN SUIVANT UNE CHIMIOETHERAPIE CYTOTOXIQUE A HAUTE DOSE
- (71) **LUDWIG MAXIMILIANS UNIVERSITÄT [DE/DE]**; Geschwister-Scholl-Platz 1, 80539 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STRAKA, Christian [DE/DE]**; Zum Ministerhügel 19, 82343 Pöcking (DE).
- (74) **VOSSIUS & PARTNER**; Siebertstrasse 4, 81675 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 33/50, C12Q 1/68, C12N 15/11**
- (11) **WO 03/081239** (13) A2
- (21) PCT/GB03/01275
- (22) **25 Mar/mar 2003 (25.03.2003)**
- (25) en (26) en
- (30) 0207031.6 **25 Mar/mar 2002 GB (25.03.2002)**
- (30) 0216634.6 **17 Jul/juil 2002 GB (17.07.2002)**
- (30) 0223325.2 **8 Oct/oct 2002 GB (08.10.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TREATING CANCER
- TRAITEMENT DU CANCER
- (71) **THERYTE LTD [GB/GB]**; 5 Castle Street, Liverpool L2 4XE (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WARENIUS, Hilmar, Meek [GB/GB]**; 14 Delavor Road, Heswell, Wirral CH60 4RN (GB). **RUDLAND, Philip, Spencer [GB/GB]**; 2 Brampton Drive, Myrtle Street, Liverpool L8 7ST (GB). **SEABRA, Laurence, Anthony [GB/GB]**; 12 Richmond Way, Heswell, Wirral L61 6XH (GB).
- (74) **HILL, Christopher, Michael 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 33/53, 33/569, 33/68**
- (11) **WO 03/081240** (13) A1
- (21) PCT/JP03/03408
- (22) **20 Mar/mar 2003 (20.03.2003)**
- (25) ja (26) ja
- (30) 2002-80324 **22 Mar/mar 2002 JP (22.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD OF JUDGING VIRAL INFECTION
- PROCEDE DE RECHERCHE D'INFECTION VIRALE
- (71) **KYOWA MEDEX CO., LTD. [JP/JP]**; 1-1, Irifune 2-chome, Chuo-ku, Tokyo 104-0042 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MIYAWAKI, Toshio [JP/JP]**; 3-4-7, Bunkyo-machi, Toyama-shi, Toyama 930-0876 (JP).

(74) IWAHASHI, Kazuyuki; Kyowa Hakko Kogyo Co., Ltd., Intellectual Property Department, 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/53, 33/543, 33/551, C12P 21/04, 21/06, C07K 16/00

(11) WO 03/081241 (13) A1

(21) PCT/US02/21285

(22) 19 Jul/juil 2002 (19.07.2002)

(25) en (26) en

(30) 09/955,023 19 Sep/sep 2001 US (19.09.2001)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ATTACHMENT OF BIOMOLECULES TO HYDROPHOBIC SURFACES

• ATTACHEMENT DE BIOMOLECULES A DES SURFACES HYDROPHOBES

(71) THE UNITED STATES OF AMERICA, as represented by THE SECRETARY OF THE NAVY [US/US]; Naval Research Laboratory, 4555 Overlook Avenue, SW, Code 1008.2, Washington, DC 20375-5325 (US).

(72) ANDERSON, George, P.; 9904 Woodstream Place, Lanham, MD 20706 (US). MAURO, J., Matthew; 10012 Markham Street, Silver Spring, MD 20901 (US).

(74) KARASEK, John, J.; Naval Research Laboratory, 4555 Overlook Avenue, SW, Code 1008.2, Washington, DC 20375-5325 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU 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 HU IE IT 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)⁷ G01N 33/53, 33/567, C07K 1/00

(11) WO 03/081242 (13) A1

(21) PCT/US03/08302

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 10/100,818 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CASPR3: MODULATORS OF ANGIOGENESIS

• CASPR3 : MODULATEURS DE L'ANGIOGENESE

(71) RIGEL PHARMACEUTICALS, INC. [US/US]; 1180 Veterans Blvd., South San Francisco, CA 94080 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LORENS, James, B. [US/US]; 7 Berenda Way, Portola Valley, CA 94028 (US). XU, Weiduan [CN/US]; 1800 22nd Ave. # 203, San Francisco, CA 94122 (US). BOGENBERGER, Jakob [DE/US]; 425 Broderick St., San Francisco, CA 94117 (US).

(74) PARENT, Annette, S. 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 (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ G01N 33/542, 33/543

(11) WO 03/081243 (13) A1

(21) PCT/JP03/03911

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(30) 2002-90036 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FLUORESCENT POLARIZATION METHOD, KIT USED THEREFOR AND BIOSENSOR

• PROCEDE DE POLARISATION FLUORESCENTE, TROUSSE MISE EN OEUVRE PAR CE PROCEDE ET BIOCAPTEUR

(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) KITAWAKI, Fumihisa [JP/JP]; 5-7-403, Myokenzaka, Katano-shi, Osaka 576-0021 (JP). KAWAMURA, Tatsuro [JP/JP]; 3-16-20, Osumigaoka, Kyotanabe-shi, Kyoto 610-0351 (JP).

(74) MAEDA, Hiroshi et al. / etc.; Honmachi-nakajima Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ G01N 33/543, 27/327

(11) WO 03/081244 (13) A2

(21) PCT/GB03/01287

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 0207116.5 26 Mar/mar 2002 GB (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD OF ELECTROCHEMICAL CELL ANALYSIS

• PROCEDE POUR L'ANALYSE ELECTROCHIMIQUE DE CELLULES

(71) SENSOR-TECH LIMITED [—/—]; Don Road, P.O.Box 301, St Hellier, Jersey JE4 8UG (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PURVIS, Duncan, Ross [GB/GB]; 87 Mill Road, Royston, Hertfordshire SG8 7AJ (GB).

(74) SETNA, Rohan, Piloo et al. / etc.; Boulton Wade Tennant, Verulam Gardens, 79 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01N 33/543, 21/55

(11) WO 03/081245 (13) A1

(21) PCT/SE03/00500

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en
(30) 0200949-6 **27 Mar/mar 2002** SE
(27.03.2002)
(30) 60/367,806 **27 Mar/mar 2002** US
(27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD, SYSTEM AND COMPUTER PROGRAM FOR DETECTING MOLECULAR BINDING INTERACTIONS COMPRISING RESPONSE CURVE QUALITY CONTROL
• PROCEDE, SYSTEME ET PROGRAMME DE DETECTION DES INTERACTIONS DE LIAISON MOLECULAIRE IMPLIQUANT LE CONTROLE DE QUALITE EXPRIME PAR DES COURBES DE REPONSE

(71) **BIACORE AB** [SE/SE]; Rapskatan 7, S-754 50 Uppsala (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **ANDERSSON, Karl** [SE/SE]; Ulleråkersvägen 62, S-756 43 Uppsala (SE). **BORG, Peter** [SE/SE]; Fänkolskatan 3, 1 tr, S-754 47 Uppsala (SE).

(74) **WIDÉN, Björn**; Biacore AB, Rapskatan 7, S-754 50 Uppsala (SE).
(81) AU JP US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :
(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 HU IE IT LU MC NL PT RO SE SI SK TR)

(51)⁷ **G01N 33/543, C07K 1/00, 7/10, A61K 37/24**
(11) **WO 03/081246** (13) A1
(21) PCT/US03/08211
(22) **18 Mar/mar 2003 (18.03.2003)**
(25) en (26) en
(30) 60/364,638 **18 Mar/mar 2002** US
(18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • TREATMENT OF CONGESTIVE HEART FAILURE WITH NATRIURETIC PEPTIDE AND A DIURETIC
• TRAITEMENT DE L'INSUFFISANCE CARDIAQUE CONGESTIVE AU MOYEN D'UN PEPTIDE NATRIURETIQUE ET D'UN DIURETIQUE
(71) **SCIOS INC.** [US/US]; 6500 Paseo Padre Parkway, Fremont, CA 94555 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHREINER, George, F.** [US/US]; 12774 Leander Drive, Los Altos, CA 94022 (US).

(74) **KAIS, Samuel, M.**; Scios Inc., 617 North Mary Avenue, Sunnyvale, CA 94085 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01N 33/543**
(11) **WO 03/081247** (13) A2
(21) PCT/US03/08214
(22) **18 Mar/mar 2003 (18.03.2003)**
(25) en (26) en
(30) 10/098,300 **18 Mar/mar 2002** US
(18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD FOR CLEARING COLOR AND DEBRIS FROM OR ADDING ADJUVANTS OR REACTANTS TO A SELECTED PORTION OF A CHROMATOGRAPHIC STRIP
• PROCEDE PERMETTANT D'ELIMINER UNE COULEUR ET DES DEBRIS SE TROUVANT SUR UNE PARTIE SELECTIONNEE D'UNE BANDE CHROMATOGRAPHIQUE, OU PERMETTANT D'AJOUTER DES ADJUVANTS OU DES REACTIFS A CETTE MEME PARTIE SELECTIONNEE DE BANDE CHROMATOGRAPHIQUE

(71) **BINAX, INC.** [US/US]; 217 Read Street, Portland, ME 04103 (US).
(72) **HUDAK, Robert**; 608 Merlin Drive, Carlsbad, CA 92009 (US). **PIASIO, Roger**; 233 Foreside Road, Cumberland Foreside, ME 04103 (US).

(74) **SEARS, Mary, Helen**; M.H. Sears Law Firm, Chartered, 910 17th Street, N.W., Suite 800, Washington, DC 20006 (US).

(81) AU CA CN JP MX NO RU.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **G01N 33/564, 33/68, 33/573**
(11) **WO 03/081248** (13) A1
(21) PCT/SE03/00469
(22) **21 Mar/mar 2003 (21.03.2003)**
(25) en (26) en
(30) 0200974-4 **27 Mar/mar 2002** SE
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SCREENING METHOD FOR GASTRITIS
• METHODE DE DETECTION D'UNE GASTRITE

(71) **ATROPHUS AB** [SE/SE]; Berzelius Science Park, S-582 25 Linköping (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MÅRDH, Sven** [SE/SE]; Sjöliden 13, S-590 77 Vreta Kloster (SE). **MÅRDH, Erik** [SE/SE]; Knopvägen 19, S-590 77 Vreta Kloster (SE).

(74) **STRÖM & GULLIKSSON IP AB**; Sjöporten 4, S-417 64 Göteborg (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G01N 33/569**
(11) **WO 03/081249** (13) A2
(21) PCT/GB03/01313
(22) **20 Mar/mar 2003 (20.03.2003)**
(25) en (26) en
(30) 0206585.2 **20 Mar/mar 2002** GB
(20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD
• PROCEDE
(71) **MEDICAL RESEARCH COUNCIL** [GB/GB]; 20 Park Crescent, London W1B 4AL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ENARI, Masato** [JP/JP]; National Cancer Centre Research Institute, Tsukiji 5-1-1, Chuo-ku, Tokyo 104-0045 (JP). **KLOEHN, Peter** [DE/GB]; MRC Prion Unit, Dept. of Neurodegenerative Disease, Institute of Neurology, Queens Square, London WC1N 3BG (GB). **FLECHSIG, Eckhard** [DE/DE]; Institute of Virology and Immunobiology, Prion Research Group, University Wuerzburg, Versbacher Str. 7, D-97078 Wuerzburg (DE). **STOLTZE, Lars** [DE/GB]; MRC Prion Unit, Dept. of Neurodegenerative Disease, Institute of Neurology, Box 59, Queens Square, London WC1N 3BG (GB). **WEISSMANN, Charles** [CH/GB]; MRC Prion Unit, Dept. of Neurodegenerative Disease, Institute of Neurology, Queens Square, London WC1N 3BG (GB).

(74) **HOLLIDAY, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01N 33/574, C12Q 1/68, C07H 9/64, 5/06, C12P 21/02

(11) WO 03/081250 (13) A1

(21) PCT/US03/07470

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 10/105,948 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • NOVEL COMPOSITIONS AND METHODS IN CANCER ASSOCIATED WITH ALTERED EXPRESSION OF PRLR

• COMPOSITIONS ET PROCÉDES UTILISABLES, POUR LE CANCER, EN ASSOCIATION AVEC UNE EXPRESSION MODIFIÉE DU RECEPTEUR DE LA PROLACTINE (PRLR)

(71) SAGRES DISCOVERY [US/US]; 2795 Second Street, Suite 400, Davis, CA 95616 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORRIS, David, W. [US/US]; 2841 Emerald Bay Drive, Davis, CA 95616 (US).

(74) BASU, Shantanu 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01N 33/574, C12Q 1/68, C07H 21/04, C12N 9/64, C12P 21/02, C12N 5/06

(11) WO 03/081251 (13) A1

(21) PCT/US03/08808

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 10/105,637 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • NOVEL COMPOSITIONS AND METHODS IN CANCER ASSOCIATED WITH ALTERED EXPRESSION OF PRDM 11

• COMPOSITIONS ET PROCÉDES CONCERNANT LE CANCER ASSOCIÉ A UNE EXPRESSION ALTÉRÉE DE PRDM 11

(71) SAGRES DISCOVERY [US/US]; 2795 Second Street, Suite 400, Davis, CA 95616 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORRIS, David, W. [US/US]; 2841 Emerald Bay Drive, Davis, CA 95616 (US).

(74) BASU, Shantanu 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01N 33/68

(11) WO 03/081252 (13) A1

(21) PCT/GB03/01280

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 60/366,550 25 Mar/mar 2002 US (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ARRAYS

• SERIES

(71) SENSE PROTEOMIC LIMITED [GB/GB]; Unit 4, The Switchback, Gardner Road, Maidenhead, Berkshire SL6 7RJ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOZLOWSKI, Roland [GB/GB]; The Corner House, West End, Wootton, Woodstock, Woodstock OX20 1DL (GB). BLACKBURN, Jonathan [GB/GB]; 36 Woodlark Road, Cambridge CB3 0HS (GB). HAYWARD, Rhian [GB/GB]; Sense Proteomic Limited, Unit 4, The Switchback, Gardner Road, Maidenhead, Berkshire SL6 7RJ (GB). CAMERON, Grant [GB/GB]; Sense Proteomic Limited, Unit 4, The Switchback, Gardner Road, Maidenhead, Berkshire SL6 7RJ (GB).

(74) CHAPMAN, Paul, William 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/68, 33/543, 33/50, 27/403, B01L 3/00, C12M 1/34

(11) WO 03/081253 (13) A2

(21) PCT/GB03/01289

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 0207114.0 26 Mar/mar 2002 GB (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ELECTROCHEMICAL MULTI-WELL PLATE

• PLAQUE A MULTIPLES Puits ELECTROCHIMIQUES

(71) SENSOR-TECH LIMITED [GB/GB]; Don Road, P.O. Box 301, St Hellier, Jersey JE4 8UG (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PURVIS, Duncan, Ross [GB/GB]; 87 Mill Road, Royston, Hertfordshire SG8 7AJ (GB).

(74) SETNA, Rohan, Piloo 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01N 33/68, A01H 5/00

(11) WO 03/081254 (13) A1

(21) PCT/IB02/01072

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PROTEIN PROFILING OF HYPERACIDIC PLANTS

• PROFILAGE DE PROTEINES DE PLANTES HYPERACIDES

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

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(72, 75) SANGWAN, Rajender, Singh [IN/IN]; Central Institute of Medicinal and Aromatic Plants, PO CIMAP, Lucknow, Uttar Pradesh

226 015 (IN). SANGWAN, Neelam, Singh [IN/IN]; Central Institute of Medicinal and Aromatic Plants, PO CIMAP, Lucknow, Uttar Pradesh 226 015 (IN). TYAGI, Bali, Ram [IN/IN]; Central Institute of Medicinal and Aromatic Plants, PO CIMAP, Lucknow, Uttar Pradesh 226 015 (IN). SRIVASTAVA, Avd-hesh, Kumar [IN/IN]; Central Institute of Medicinal and Aromatic Plants, PO CIMAP, Lucknow, Uttar Pradesh 226 015 (IN). YA-DAV, Usha [IN/IN]; Central Institute of Medicinal and Aromatic Plants, PO CIMAP, Lucknow, Uttar Pradesh 226 015 (IN).

(74) GABRIEL, DEVADOSS, CALAB; Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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)

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); (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); (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); (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); (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)

(51)⁷ G01N 33/68, 33/483, 27/62

(11) WO 03/081255 (13) A1

(21) PCT/JP03/03512

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(30) 2002-083311 25 Mar/mar 2002 JP (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • METHOD OF ANALYZING PEPTIDE FOR DETERMINING C-TERMINAL AMINO ACID SEQUENCE
- PROCEDE D'ANALYSE D'UN PEPTIDE VISANT A DETERMINER UNE SEQUENCE D'ACIDES AMINES C-TERMINAUX

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). TOKYO RIKAKIKAI CO., LTD. [JP/JP]; 3-4, Nihonbashi Honcho 3-chome, Chuo-ku, Tokyo 103-0023 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIYAZAKI, Kenji [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). TSUGITA, Akira [JP/JP]; c/o Tokyo Rikakikai Co., Ltd., 3-4, Nihonbashi Honcho 3-chome, Chuo-ku, Tokyo 103-0023 (JP). TAKAHASHI, Naoyuki [JP/JP]; c/o Tokyo Rikakikai Co., Ltd., 3-4, Nihonbashi Honcho 3-chome, Chuo-ku, Tokyo 103-0023 (JP). NABETANI, Takuji [JP/JP]; c/o Tokyo Rikakikai Co., Ltd., 3-4, Nihonbashi Honcho 3-chome, Chuo-ku, Tokyo 103-0023 (JP). YAMAZAKI, Toshimasa [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). KAMIJO, Kenichi [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).

(74) KANEDA, Nobuyuki et al. / etc.; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G01N 33/74, A61K 38/00

(11) WO 03/081256 (13) A2

(21) PCT/EP03/02405

(22) 10 Mar/mar 2003 (10.03.2003)

(25) en (26) en

(30) 02006593.4 22 Mar/mar 2002 EP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH HUMAN G PROTEIN-COUPLED ORPHAN RECEPTOR 21 (GPR21)
- DIAGNOSTICS ET THERAPEUTIQUE POUR DES MALADIES ASSOCIEES AU RECEPTEUR 21 ORPHELIN COUPLE A LA PROTEINE G HUMAIN (GPR21)

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOLZ, Stefan [DE/DE]; Bückmannsmühle 46, 45326 Essen (DE). BRÜGGE-MEIER, Ulf [DE/DE]; Leysiefen 20, 42799 Leichlingen (DE). GEERTS, Andreas [DE/DE]; Schuckertstr. 29, 42113 Wuppertal (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/74, A61K 38/00

(11) WO 03/081257 (13) A2

(21) PCT/EP03/02685

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 02006654.4 26 Mar/mar 2002 EP (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH NEUROPEPTIDE FF RECEPTOR 1 (NPFF1)
- MOYENS DIAGNOSTIQUES ET THERAPEUTIQUES POUR LUTTER CONTRE DES MALADIES ASSOCIEES AU RECEPTEUR 1 DU NEUROPEPTIDE FF (NPFF1)

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOLZ, Stefan [DE/DE]; Bückmannsmühle 46, 45329 Essen (DE). BRÜGGE-MEIER, Ulf [DE/DE]; Leysiefen 20, 42799 Leichlingen (DE). WEINGÄRTNER, Bernhard [DE/DE]; Birkenweg 4, 42489 Wülfrath (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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G01N 33/74

(11) WO 03/081258 (13) A2

(21) PCT/EP03/02688

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 02006653.6 26 Mar/mar 2002 EP
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DIAGNOSTICS AND THERAPEU-
TICS FOR DISEASES ASSOCIATED
WITH GROWTH HORMONE SECRET-
AGOGUE RECEPTOR (GHS)

• DIAGNOSTICS ET ELEMENTS THE-
RAPEUTIQUES POUR MALADIES
ASSOCIEES AU RECEPTEUR SE-
CRETAGOGUE DE L'HORMONE DE
CROISSANCE (GHS)

(71) BAYER AKTIENGESELLSCHAFT
[DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GOLZ, Stefan [DE/DE]; Bückmanns-
mühle 46, 45329 Essen (DE). BRÜGGE-
MEIER, Ulf [DE/DE]; Leysiefen 20, 42799
Leichlingen (DE). GEERTS, Andreas
[DE/DE]; Schuckertstr. 29, 42113 Wuppertal
(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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G01N 33/94, 33/74, 33/50

(11) WO 03/081259 (13) A2

(21) PCT/IB03/01643

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 60/367,833 25 Mar/mar 2002 US
(25.03.2002)

(30) 60/394,423 8 Jul/juil 2002 US
(08.07.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHODS OF USING ALPHA
1B-ADRENERGIC RECEPTORS

• PROCEDES D'UTILISATION DE RE-
CEPTEURS ALPHA 1B-ADRENER-
GIQUES

(63) US 60/367,833 (CIP)
8 Jul/juil 2002 (08.07.2002)

(71) UNIVERSITY OF LAUSANNE [CH/CH];
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(for all designated States except / pour tous
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(72, 75) COTECCHIA, Susanna [CH/CH]; In-
stitut de Pharmacologie et de Toxicologie,
Rue du Bugnon 27, CH-1005 Lausanne (CH).

(74) KILIARIDIS, Constantin et al. / etc.;
Bugnion S.A., P.O. Box 375, CH-1211
Geneva 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 NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G01P 1/02, G01D 11/24, B29C 45/14,
H01R 43/24, 13/405

(11) WO 03/081260 (13) A1

(21) PCT/EP03/02067

(22) 28 Feb/fév 2003 (28.02.2003)

(25) fr (26) fr

(30) 0203820 27 Mar/mar 2002 FR
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD OF PRODUCING A WHEEL
SPEED SENSOR AND THE CORRE-
SPONDING SENSOR

• PROCEDE DE FABRICATION D'UN
CAPTEUR DE VITESSE D'UNE ROUE
ET CAPTEUR CORRESPONDANT

(71) SIEMENS VDO AUTOMOTIVE S.A.S.
[FR/FR]; B.P. 1149, 1, av. Paul Ourliac,
F-31036 Toulouse Cedex 1 (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FOUQUET, Thierry [FR/FR]; 8, rue du
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(81) JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT SE SI
SK TR).

(51)⁷ G01R

(11) WO 03/081261 (13) A2

(21) PCT/US03/07468

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 10/104,571 21 Mar/mar 2002 US
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MICRODEVICES HAVING A PREFER-
ENTIAL AXIS OF MAGNETIZATION
AND USES THEREOF

• MICRODISPOSITIFS COMPRENANT
UN AXE PREFERENTIEL DE MAGNE-
TISATION ET UTILISATIONS DE CES
MICRODISPOSITIFS

(71) AVIVA BIOSCIENCES CORPORATION
[US/US]; 11180 Roselle Street, Suite 200,
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(72) HUANG, Mingxian; 11568 Sorrento Valley
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WU, Lei; 14021 Capewood Lane, San Diego,
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ROTHWART, David, M.; Apartment 346,
8584 Villa La Jolla Drive, Apartment 346, La
Jolla, CA 92307-2340 (US).

(74) CHEN, Peng et al. / etc.; Morrison & Foer-
ster LLP, 3811 Valley Center 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 NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC

- NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G01R 1/04, H05K 7/14
(11) WO 03/081262 (13) A1
(21) PCT/GB03/01060
(22) 13 Mar/mar 2003 (13.03.2003)
(25) en (26) en
(30) 0206887.2 22 Mar/mar 2002 GB (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • MODULAR HOUSING FOR ELECTRICAL INSTRUMENT AND MOUNTING MEMBER THEREFOR
• LOGEMENT MODULAIRE POUR INSTRUMENT ELECTRIQUE ET ELEMENT DE MONTAGE ASSOCIE
(71) TYCO ELECTRONICS UK LIMITED [GB/GB]; European Patent Department, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) DUDLEY, Neil, Frank [GB/GB]; 9 Mulberry Way, Chelmsford, Essex CMI 7SN (GB).
(74) JAY, Anthony, William; Tyco Electronics UK Limited, European Patent Department, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (c)
- (51)⁷ G01R 19/165
(11) WO 03/081263 (13) A1
(21) PCT/DE03/00188
(22) 24 Jan/jan 2003 (24.01.2003)
(25) de (26) de
(30) 102 12 685.2 22 Mar/mar 2002 DE (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • CIRCUIT ARRANGEMENT AND METHOD FOR TESTING AN ELECTRIC CIRCUIT
• DISPOSITIF ET PROCEDURE DE CONTROLE D'UN CIRCUIT ELECTRIQUE
(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) KNECHT, Gerhard [DE/DE]; Im Bohnenmichel 8, 76473 Iffezheim (DE).
(81) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
- (51)⁷ G01R 21/133
(11) WO 03/081264 (13) A1
(21) PCT/JP02/02850
(22) 25 Mar/mar 2002 (25.03.2002)
(25) ja (26) ja
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • ELECTRONIC WATTHOUR METER AND POWER-ASSOCIATED QUANTITY CALCULATING CIRCUIT
• WATT-HEUREMETRE ELECTRONIQUE ET CIRCUIT DE CALCUL D'UNE QUANTITE DE COURANT
(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(72) KURODA, Atsufumi; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). SHINDOI, Takashi; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). KONDO, Keishu; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(81) AU CN ID IN JP SG.
- (51)⁷ G01R 29/08
(11) WO 03/081265 (13) A1
(21) PCT/JP02/11665
(22) 8 Nov/nov 2002 (08.11.2002)
(25) ja (26) ja
(30) 2002-084749 26 Mar/mar 2002 JP (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • ELECTROMAGNETIC WAVE GENERATION SOURCE SENSING DEVICE
• DISPOSITIF DE DETECTION DE SOURCE DE PRODUCTION D'ONDES ELECTROMAGNETIQUES
(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) UESAKA, Koichi [JP/JP]; c/o Production Engineering, Research Laboratory, Hitachi, Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). SUGA, Takashi [JP/JP]; c/o Production Engineering, Research Laboratory, Hitachi, Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP).
(74) SAKUTA, Yasuo; c/o Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).
(81) CA US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR).
- (51)⁷ G01R 29/26, 23/12, G04F 10/00
(11) WO 03/081266 (13) A1
(21) PCT/CA03/00416
(22) 24 Mar/mar 2003 (24.03.2003)
(25) en (26) en
(30) 10/105,434 26 Mar/mar 2002 US (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • TIMING MEASUREMENT SYSTEM AND METHOD USING A COMPONENT-INVARIANT VERNIER DELAY LINE
• SYSTEME ET PROCEDURE DE MESURE DE SYNCHRONISATION A L'AIDE D'UNE LIGNE DE RETARD VERNIER A INVARIANCE DE COMPOSANTS
(71) MCGILL UNIVERSITY [CA/CA]; 3550 UNIVERSITY STREET, MONTREAL, Québec H3A 2A7 (CA).
(72) ROBERTS, Gordon, W.; 139 Percival Avenue, Montreal, Québec H4X 1T7 (CA). CHAN, Antonio, H.; 7300 Turner Place, Brossard, Québec J4W 3E2 (CA).
(74) DANIELS, Kent; 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 CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G01R 31/08, H04L 12/26
(11) WO 03/081267 (13) A1
(21) PCT/IB03/01030
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
(30) 10/103,500 21 Mar/mar 2002 US (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • PROGRAMMABLE MONITORING CIRCUIT
• CIRCUIT DE SURVEILLANCE PROGRAMMABLE
(71) ADC TELECOMMUNICATIONS ISRAEL LTD. [IL/IL]; 10 Ha'Sadnaot St., 46728 Herzliya, Israel (IL).
(72) WEISLER, Oz; Hadolev Street 19/A, 42823 Zoran (IL). TALISHER, Tzfenia; Kanfei Nesharim Street 8, Neve Shareit, 30900 Zichron Yaakov (IL). BEN-YEDA, Israel; Shay Agnon Street 5, 43380 Raanana (IL).
(74) REINHOLD COHN AND PARTNERS; P.O. Box 4060, 61040 Tel Aviv (IL).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ G01R 31/08

(11) WO 03/081268 (13) A1

(21) PCT/US03/08514

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/105,600 20 Mar/mar 2002 US
(20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYSTEM AND METHOD FOR MONI-
TORING A PACKET NETWORK
• SYSTEME ET PROCEDE PERMET-
TANT DE CONTROLER UN RESEAU A
COMMUTATION PAR PAQUETS

(71) SUNRISE TELECOM INCORPORATED
[US/US]; 302 Enzo Drive, San Jose, CA
95138 (US).

(72) CHONG, Raymond, L.; 5463 Ora Street,
San Jose, CA 95129 (US).

(74) ISHIMARU, Mikio; The Law Offices of
Mikio Ishimaru, 1110 Sunnyvale-Saratoga
Road, Suite A1, Sunnyvale, CA 94087 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G01R 31/265, H01L 21/66

(11) WO 03/081269 (13) A1

(21) PCT/US02/40400

(22) 17 Dec/déc 2002 (17.12.2002)

(25) en (26) en

(30) 10/104,675 21 Mar/mar 2002 US
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SCATTEROMETRY STRUCTURE
WITH EMBEDDED RING OSCIL-
LATOR, AND METHODS OF USING
SAME
• STRUCTURE DE DIFFUSIOMETRIE
COMPORTANT UN OSCILLATEUR
ANNULAIRE INTEGRE ET PROCEDE
D'UTILISATION

(71) ADVANCED MICRO DEVICES, INC.
[US/US]; One AMD Place, P.O. Box 9453,
Sunnyvale, CA 94088-3453 (US).

(72) NARIMAN, Homi, E.; 10205 Open Gate
Drive, Austin, TX 78726 (US).

(74) DRAKE, Paul, S.; Advanced Micro Devices,
Inc., 5204 East Ben White Boulevard, Mail
Stop 562, Austin, TX 78741 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SI SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01R 31/327

(11) WO 03/081270 (13) A1

(21) PCT/GB03/01268

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 0206962.3 25 Mar/mar 2002 GB
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • RELAY TESTING DEVICE

• DISPOSITIF DE TEST DE RELAIS

(71, 72) McKENZIE, Neil [GB/GB]; 18 Bal-
lantrae Place, Dundee DD4 8QQ (GB).

(74) KENNEDYS PATENT AGENCY LIM-
ITED; Floor 5, Queens House, 29 St. Vincent
Place, Glasgow G1 2DT (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 GB GD
GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX MZ NO NZ OM
PH PL PT RO RU SC SD SE SG SK (Utility
model / modèle d'utilité) SK SL TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ G01R 33/02

(11) WO 03/081271 (13) A1

(21) PCT/JP03/03546

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(30) 2002-89542 27 Mar/mar 2002 JP
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MAGNETIC SENSING ELEMENT,
MAGNETIC SENSOR, AND ITS MAN-
UFACTURING METHOD

• ELEMENT DE DETECTION MAGNE-
TIQUE, DETECTEUR MAGNETIQUE,
ET PROCEDE DE FABRICATION

(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) MURAMATSU, Sayuri [JP/JP];
3-7-404, Tsutsumi-cho, Hirakata-shi, Osaka
573-0057 (JP). TAKAHASHI, Ken [JP/JP];
3-7-21, Taishibashi, Asahi-ku, Osaka-shi,
Osaka 535-0001 (JP). TOSAKI, Yoshi-
hiro [JP/JP]; 20-2-4, Gakuen-minamimachi,
Ibaraki-shi, Osaka 567-0834 (JP). MURATA,
Akio [JP/JP]; 1-1, Suzaku 5-chome, Nara-shi,
Nara 631-0806 (JP).

(74) HIGASHIMA, Takaharu; HIGASHIMA
PATENT OFFICE, Daiko Building, 2-14,
Umeda 3-chome, Kita-ku, Osaka-shi, Osaka
530-0001 (JP).

(81) CN JP KR US.

(51)⁷ G01R 33/36

(11) WO 03/081272 (13) A1

(21) PCT/IB03/00720

(22) 25 Feb/fév 2003 (25.02.2003)

(25) en (26) en

(30) 02076106.0 21 Mar/mar 2002 EP
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMBINER/SPLITTER DEVICE FOR
AN MRI SYSTEM

• DISPOSITIF COMBINA TEUR/SEPA-
RATEUR POUR UN SYSTEME IRM

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KLEI HORST, Robert, P. [NL/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL). HOLLE, Eerke [NL/NL]; c/o Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).
SNELDERS, Andreas, H., W. [NL/NL]; c/o
Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL).

(74) WOLFS, Marc, J., M.; Internationaal Oc-
trooibureau 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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ G01R 33/44
(11) WO 03/081273 (13) A2
(21) PCT/FR03/00864
(22) 19 Mar/mar 2003 (19.03.2003)
(25) fr (26) fr
(30) 02/03794 27 Mar/mar 2002 FR (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • STATIC INDUCED MAGNETIC FIELD EMITTING DEVICE FOR AN NMR ANALYSIS SYSTEM
• DISPOSITIF D'EMISSION DE CHAMPS MAGNETIQUES STATIQUE ET INDUIT POUR SYSTEME D'ANALYSE PAR RMN
(71) INNOV-PRO [FR/FR]; "Les Eaux Claires", 19, route de Paris, F-27100 Le Vaudreuil (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) LOCATELLI, Marcel [FR/FR]; 4, pré Morard, F-38330 Montbonnot (FR).
(74) FLAVENOT, Bernard; Abritt, 17, rue du Dr Charcot, F-91290 La Norville (FR).
(81) CA US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ G01S 7/02, G08G 1/0967
(11) WO 03/081274 (13) A1
(21) PCT/NL03/00225
(22) 25 Mar/mar 2003 (25.03.2003)
(25) nl (26) en
(30) 1020265 27 Mar/mar 2002 NL (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DEVICE AND METHOD FOR PREVENTING SPEEDING
• DISPOSITIF ET PROCEDE PERMETTANT D'EMPECHER LES EXCES DE VITESSE
(71) DE WILDE, Bouwe, Guustaaf, Dirk [NL/NL]; P.O.Box 132, NL-2160 AC Lisse (NL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) DE WILDE, Jim, Sven, Anthony [NL/NL]; P.O.Box 132, NL-2160 AC Lisse (NL). DE WILDE, Tom, Marnix, Alexander [NL/NL]; P.O.Box 132, NL-2160 AC Lisse (NL).
(74) VERNOUT, Robert; Sweelinckplein 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01S 11/06
(11) WO 03/081276 (13) A1
(21) PCT/DE03/00548
(22) 21 Feb/fév 2003 (21.02.2003)
(25) de (26) de
(30) 102 13 517.7 26 Mar/mar 2002 DE (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DEVICE FOR DETERMINING THE RELATIVE SPEED BETWEEN A TRANSMITTER AND A RECEIVER
• DISPOSITIF SERVANT A DETERMINER LA VITESSE RELATIVE ENTRE UN DISPOSITIF D'EMISSION ET UN DISPOSITIF DE RECEPTION
(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) DENK, Robert [DE/DE]; Sudetenstrasse 11, 85567 Grafing (DE). BILGIC, Attila [DE/DE]; Wildrosenweg 30, 85551 Kirchheim (DE). NEUHAUS, Holger [DE/DE]; Bruderstrasse 5, 80538 München (DE).
(74) LANGE, Thomas; Dingolfinger Strasse 6, 81673 München (DE).
-
- (81) CN JP US.
(84) EP (DE FR GB).
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- (51)⁷ G01S 11/08, 5/14
(11) WO 03/081277 (13) A1
(21) PCT/IB03/00481
(22) 7 Feb/fév 2003 (07.02.2003)
(25) en (26) en
(30) 0206766.8 22 Mar/mar 2002 GB (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD OF, AND APPARATUS FOR, DETERMINING POSITION
• PROCEDE ET APPAREIL POUR DETERMINER UNE POSITION
(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) ROSENFELD, Josi [GB/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(74) WHITE, Andrew, G.; Internationaal Octroobureau 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01S 13/00
(11) WO 03/081278 (13) A1
(21) PCT/DE03/00051
(22) 10 Jan/jan 2003 (10.01.2003)
(25) de (26) de
(30) 102 13 987.3 27 Mar/mar 2002 DE (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DEVICE FOR, IN PARTICULAR, BISTATIC RADAR APPLICATIONS
• DISPOSITIF NOTAMMENT DESTINE A DES APPLICATIONS RADAR BISTATIQUES
(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) KLINNERT, Roland [DE/DE]; Ulrich-von-Hutten-Str. 41/1, 70825 Kornthal-Muenchingen (DE). ZOTT, Christian [DE/DE]; Schlehenweg 14, 74321 Bietigheim-Bissingen (DE).
(81) JP US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ G01T

(11) WO 03/081279 (13) A2

(21) PCT/FR03/00919

(22) 24 Mar/mar 2003 (24.03.2003)

(25) fr (26) fr

(30) 02/03749 26 Mar/mar 2002 FR
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TWO-DIMENSIONAL IONISING PARTICLE DETECTOR
• DETECTEUR BIDIMENSIONNEL DE PARTICULES IONISANTES.(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) DISDIER, Laurent [FR/FR]; 8, rue de l'Étang, F-78470 Saint-Remy les Chevreuse (FR). FEDOTOFF, Alexandre [FR/FR]; 14, Sente des Vignes, F-91530 Saint Cheron (FR).

(74) LEHU, Jean; c/o Brevatome, 3, rue du Docteur Lancereaux, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01T

(11) WO 03/081280 (13) A2

(21) PCT/US03/02793

(22) 31 Jan/jan 2003 (31.01.2003)

(25) en (26) en

(30) 60/353,136 1 Feb/fév 2002 US
(01.02.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A PRODUCTION METHOD FOR MAKING POSITION-SENSITIVE RADIATION DETECTOR ARRAYS

• PROCÉDE DE PRODUCTION PERMETTANT DE FABRIQUER DES RESEAUX DE DETECTEURS DE RAYONNEMENTS SENSIBLES A LA POSITION

(63) US 353,136 (CON)
1 Feb/fév 2002 (01.02.2002)(71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 201 West Seventh Street, Austin, TX 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WONG, Wai-Hoi [US/US]; 7903 Deer Meadow Drive, Houston, TX 77071 (US). URIBE, Jorge [CO/US]; 5522 Ariel Street,

Houston, TX 77096 (US). BAGHAEL, Hossain [US/US]; 5810 Brook Bend Drive, Sugarland, TX 77479 (US). LI, Hongdi [CN/US]; 3822 N. Braeswood Boulevard, Apartment #73, Houston, TX 77025 (US).

(74) BARRETT, Michael, C.; Fulbright & Javorski, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01T 1/16, 1/20, 1/24

(11) WO 03/081281 (13) A1

(21) PCT/KR02/02391

(22) 18 Dec/déc 2002 (18.12.2002)

(25) ko (26) en

(30) 2002/15917 23 Mar/mar 2002 KR
(23.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DIGITAL X-RAY IMAGE DETECTOR
• DETECTEUR D'IMAGE A RAYONS X NUMERIQUE

(71, 72) NAM, Sang-Hee [KR/KR]; 101-402 Yoowon Apt., Sajik-dong, Dongnae-gu, Busan 607-120 (KR).

(72, 75) KIM, Jae-Hyung [KR/KR]; 104-202 LG Apt., Jwa-dong, Haeundae-gu, Busan 612-768 (KR). MUN, Chi-Woong [KR/KR]; 107-302 Yurim Asiad Apt., 285-4 Yangieong-dong, Busanjin-gu, Busan 614-855 (KR). LEE, Hyung-Won [KR/KR]; 3-901 Han Il Apt., 691-2 Sambang-dong, Gimhae-si, Gyeongsangnam-do 621-911 (KR). AHN, Sang-Ho [KR/KR]; 103-1402 Daewoo Yutopia Apt., Eobang-dong, Gimhae-si, Gyeongsangnam-do 621-752 (KR). CHOI, Heung-Kook [KR/KR]; 115-1007 Daewoo Yutopia Apt., Eobang-dong, Gimhae-si, Gyeongsangnam-do 621-752 (KR). EUN, Chung-Gi [KR/KR]; Busan Paik Hospital, 633-165 Gaegeum-dong, Busanjin-gu, Busan 614-110 (KR).

(74) KIM, Tae-Hyung; 6th Floor Wooil Bldg., 1177-17 Geoje-dong, Yeunje-gu, Busan 611-070 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01T 1/161, A61B 6/00

(11) WO 03/081282 (13) A1

(21) PCT/JP02/02962

(22) 27 Mar/mar 2002 (27.03.2002)

(25) ja (26) ja

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • RADIATION IMAGE PICKUP APPARATUS, RADIATION IMAGE PICK UP SYSTEM, IMAGE PICKUP METHOD USING RADIATION, AND RADIATION DETECTOR

• APPAREIL ANALYSEUR D'IMAGES DE RAYONNEMENT, SYSTEME ANALYSEUR D'IMAGES DE RAYONNEMENT, PROCÉDE ANALYSEUR D'IMAGES UTILISANT LE RAYONNEMENT ET DETECTEUR DE RAYONNEMENT

(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) KITAGUCHI, Hiroshi [JP/JP]; c/o HITACHI, Ltd. Power & Industrial Systems, Power & Industrial Systems R & D Laboratory, 2-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP). YOKOI, Kazuma [JP/JP]; c/o HITACHI, Ltd. Power & Industrial Systems, Power & Industrial Systems R & D Laboratory, 2-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP). AMEMIYA, Kensuke [JP/JP]; c/o HITACHI, Ltd. Power & Industrial Systems, Power & Industrial Systems R & D Laboratory, 2-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP). UENO, Yuuichirou [JP/JP]; c/o HITACHI, Ltd. Power & Industrial Systems, Power & Industrial Systems R & D Laboratory, 2-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP). YANAGIDA, Norihito [JP/JP]; c/o HITACHI, Ltd. Power & Industrial Systems, Power & Industrial Systems R & D Laboratory, 2-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP). KOJIMA, Shinichi [JP/JP]; c/o HITACHI, Ltd. Power & Industrial Systems, Power & Industrial Systems R & D Laboratory, 2-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP). UMEGAKI, Kikuo [JP/JP]; c/o HITACHI, Ltd. Power & Industrial Systems, Power & Industrial Systems R & D Laboratory, 2-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP).

(74) ISONO, Michizo; c/o Isono International Patent Office, Sabo Kaikan Annex, 7-4, Hirakawa-cho 2-chome, Chiyoda-ku, Tokyo 102-0093 (JP).

(81) JP KR US.

(84) EP (DE FR GB).

(51)⁷ G01V

(11) WO 03/081283 (13) A2

(21) PCT/US03/08317

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/366,116 20 Mar/mar 2002 US
(20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ADAPTIVE FILTERING APPARATUS
AND METHOD FOR SEISMIC DATA
ACQUISITION

• APPAREIL DE FILTRAGE ADAPTATIF
ET PROCEDE POUR ACQUISITION DE
DONNEES SISMQUES

(71) INPUT/OUTPUT, INC. [US/US]; 12300
Parc Crest Drive, Stafford, TX 77477 (US).

(72) KAPPIUS, Russell, A.; 10926 West Bowles
Place, Littleton, CO 80127 (US). CREWS,
Gary, A.; 3800 Whiffletree Court, Plano, TX
75023 (US).

(74) BYNUM, Todd, A.; Madan, Mossman &
Sriram, P.C., Suite 700, 2603 Augusta, Hous-
ton, 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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G01V 1/00

(11) WO 03/081284 (13) A2

(21) PCT/IB03/00736

(22) 24 Feb/fév 2003 (24.02.2003)

(25) en (26) en

(30) 10/104,320 22 Mar/mar 2002 US
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR
BOREHOLE SENSING

• PROCEDE ET DISPOSITIF DE PER-
METTANT D'ANALYSER UN TROU
DE FORAGE

(71) SCHLUMBERGER TECHNOLOGY
B.V. [NL/NL]; Parkstraat 83-89, JG, NL-2514
The Hague (NL).

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DE DK ES ID IE IT JP KG KR KZ MD MX
NO NZ RU SK TJ TM UA)

(71) SERVICES PETROLIERS SCHLUM-
BERGER [FR/FR]; 42 rue Saint Dominique,
F-75007 Paris (FR).

(only for / seulement pour FR)

(71) SCHLUMBERGER LIMITED [NL/US];
277 Park Avenue, New York, NY 10172
(US).

(only for / seulement pour AT)

(71) SCHLUMBERGER SURENCO S.A.
[PA/PA]; 8 Calle Aquilino, De La Guardia,
Panama City (PA).

(only for / seulement pour BR)

(71) PETROLEUM RESEARCH AND
DEVELOPMENT N.V. [NL/NL]; De
Ruyterkade 62, Willemstad, Curacao (AN).

(only for / seulement pour BF BJ CF CG CI
CM CZ DZ EC GA GN GQ GW IN LT MA ML
MR NE SN TD TG TT VN)

(71) SCHLUMBERGER CANADA LIMITED
[CA/CA]; 525 - 3RD Avenue, S.W., Calgary,
Alberta T2P 0G4 (CA).

(only for / seulement pour CA)

(71) SCHLUMBERGER OVERSEAS S.A.
[PA/PA]; 8 Calle Aquilino, De La Guardia,
Panama City (PA).

(only for / seulement pour CN)

(71) SCHLUMBERGER HOLDINGS LIM-
ITED []; CRAIGMUIR CHAMBERS,
ROAD TOWN, TORTOLA (VG).

(only for / seulement pour AE AG AL BA BB
BG BZ CH CR CU DM EE FI GB GD GE GH
GM HR HU IL IS JP KE KP LC LK LR LS LU
LV MG MK MN MW MZ OM PH PL PT RO
SC SD SE SG SL TN TR TZ UG UZ VC YU ZA
ZM ZW GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW BE BG CH CY EE FI GB GR HU
LU MC NL PT SE SI TR)

(72) NUTT, Les; 2345, Bering Drive, #505,
HOUSTON, TX 77057 (US). YA-
MATE, Tsutomu; 1-24-5-403, Ka-
gahara, Tsuzuki-Ku, Yokohama-Shi,
Kanagawa 224-0055 (JP). KAMATA,
Masahiro; 1-14-13, Ozenji Nishi, Asao-Ku,
Kawasaki-Shi, Kanagawa 215-0017 (JP).

(74) NAVA, Robin; SCHLUMBERGER K.K.,
2-2-1 Fuchinobe, Sagamihara-Shi, Kanagawa
229-0006 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B

(11) WO 03/081285 (13) A2

(21) PCT/FR03/00946

(22) 26 Mar/mar 2003 (26.03.2003)

(25) fr (26) fr

(30) 02/03726 26 Mar/mar 2002 FR
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DISPLAY DEVICE

• DISPOSITIF POUR VISUALISATION

(71) VIRTUAL IMAGINATION [FR/FR]; 13A,
avenue Victor Hugo, F-69160 Lyon Tassin
(FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BOCQUET, Gwénole [FR/FR]; 201,
rue de la République, F-69220 Belleville sur
Saône (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO

RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G02B

(11) WO 03/081286 (13) A2

(21) PCT/US02/22045

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SWINGING OBJECTIF RETARDING
IMMERSION LENS ELECTRON OP-
TICS FOCUSING, DEFLECTION AND
SIGNAL COLLECTION SYSTEM AND
METHOD

• SYSTEME ET PROCEDE DE FO-
CALISATION, DEFLEXION ET DE
CAPTAGE DE SIGNAL D'OPTIQUE
ELECTRONIQUE A LENTILLE D'IM-
MERSION AVEC RETARD DE BALAN-
CEMENT D'OBJECTIF

(71) HERMES-MICROVISION, INC.
[US/US]; 2205-B fortune Drive, San Jose,
CA 95131 (US).

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les États désignés sauf US)

(72, 75) CHEN, Zhong-Wei [US/US]; 1561 Bal-
necy Avenue, San Jose, CA 95129 (US).

(74) OGAWA, Richard, T.; 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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)⁷ G02B

(11) WO 03/081287 (13) A2

(21) PCT/US03/01566

(22) 17 Jan/jan 2003 (17.01.2003)

(25) en (26) en

(30) 10/098,368 18 Mar/mar 2002 US
(18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FIBER OPTIC LASER-INDUCED
BREAKDOWN SPECTROSCOPY SEN-
SOR FOR MOLTEN MATERIAL ANAL-
YSIS

• DETECTEUR DE SPECTROSCOPIE A
PLASMA D'EMISSION OPTIQUE IN-
DUIT PAR LASER POUR L'ANALYSE
DE MATERIAU FONDU

- (71) **MISSISSIPPI STATE UNIVERSITY** [US/US]; 306 Bowen Hall, Hardy Road, Mississippi State, MS 39762 (US).
- (72) **ZHANG, Hansheng**; 19 Pacifica, Aliso Viejo, CA 92656 (US). **RAI, Awedesh**; Pantnagar, US Nagar, 263145 Uttranchal (IN). **SINGH, Jagdish**; 202 Setter Lane, Starkville, MS 39759 (US). **YUEH, Fang-YU**; 601 Shadowood lane, Starkville, MS 37759 (US).
- (74) **KELBER, Steven, B. et al. / etc.**; Piper Rudnick LLP, 1200 Nineteenth Street N.W., Washington, DC 20036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G02B**
- (11) **WO 03/081288** (13) A2
- (21) PCT/US03/08184
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) en (26) en
- (30) 10/099,976 **19 Mar/mar 2002 US (19.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **METHOD AND APPARATUS FOR CONTROLLING THE LENGTH OF AN OPTICAL CAVITY**
- **PROCEDE ET DISPOSITIF SERVANT A MESURER LA LONGUEUR D'UNE CAVITE OPTIQUE**
- (71) **SAN JOSE SYSTEMS INC.** [US/US]; 2310 Walsh Avenue, Santa Clara, CA 95051-1301 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WOODLEY, Bruce, R.** [US/US]; 151 Calderon, Avenue, #168, Mountain View, CA 94041 (US).
- (74) **BAUER, Richard, P. et al. / etc.**; Katten Muchin Zavis Rosenman, Customer No. 27160, 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G02B**
- (11) **WO 03/081289** (13) A2
- (21) PCT/US03/08219
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) en (26) en
- (30) 60/364,635 **18 Mar/mar 2002 US (18.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **OPTO-MECHANICAL PLATFORM**
- **PLATE-FORME OPTOMECHANIQUE**
- (71) **CONFLUENT PHOTONICS CORPORATION** [US/US]; 5 Industrial Way, Salem, NH 03079 (US).
- (72) **SCHAEFER, Thomas, A.**; 109 King Street, Groveland, MA 01834 (US). **CAPPIELLO, Gregory, G.**; 31 Glance Road, Windham, NH 30387 (US). **ZHU, Ninghui**; 66 Salem Street, Winchester, MA 01890 (US). **ABDELMASEH, Kurt, E.**; 29 Acton Street Apt.3, Worcester, MA 01604 (US). **BABENKO, Evgueni, V.**; 555 Canal Street, Apt.1513, Manchester, NH 03101 (US). **HUBBARD, William, J.**; 25 Newstead Street, Litchfield, NH 03052 (US). **McINTYRE, Kevin, J.**; 46 Tsienneto Road, Derry, NH 03038 (US). **McKEEN, Brian, J.**; 15 North Bow Dunbarton Road, Bow, NH 03304 (US). **OUELLETTE, Paul**; 64 Essex Avenue, Haverhill, MA 01832 (US). **RADL, Andrew**; 10 Country Club Drive, Dunbarton, NH 03046 (US). **ROLFE, Dick**; 95 Graham Street, Biddeford, MA 04005 (US).
- (74) **ANDERSON, Thomas, E. et al. / etc.**; Hunton & Williams, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G02B**
- (11) **WO 03/081291** (13) A2
- (21) PCT/US03/08343
- (22) **19 Mar/mar 2003 (19.03.2003)**
- (25) en (26) en
- (30) 60/366,040 **19 Mar/mar 2002 US (19.03.2002)**
- (30) 10/391,431 **18 Mar/mar 2003 US (18.03.2003)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **COMBINATION MICROMACHINE AND OPTICAL DEVICE ARRAY**
- **COMBINAISON DE MICROMACHINE ET DE RESEAU DE DISPOSITIF OPTIQUE**
- (71) **XANOPTIX, INC.** [US/US]; 10 Al Paul Lane, Merrimack, NH 03054 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TREZZA, John** [US/US]; 12 White Oak Drive, Nashua, NH 03063 (US).
- (74) **STRAUSSMAN, Richard**; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G02B**
- (11) **WO 03/081290** (13) A2
- (21) PCT/US03/08304
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) en (26) en
- (30) 60/364,636 **18 Mar/mar 2002 US (18.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **TECHNIQUE FOR PACKAGING AN OPTICAL MODULE**
- **TECHNIQUE D'ENCAPSULATION D'UN MODULE OPTIQUE**
- (71) **CONFLUENT PHOTONICS CORPORATION** [US/US]; 5 Industrial Way, Salem, NH 03079 (US).
- (72) **PRES, Ian, C.**; 25 Priscilla Avenue, Chelmsford, MA 01824 (US).

- (54) • MULTIPLE-AXIS CONTROL SYSTEM FOR AN OPTICAL SWITCH
- SYSTEME DE COMMANDE MULTI-AXE DESTINE A UN COMMUTATEUR OPTIQUE
- (71) CONTINUUM PHOTONICS, INC. [US/US]; 5 Fortune Drive, Billerica, MA 01821 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GHANDI, Kamyar [CA/US]; 15 Howard Street, Apt.2, Arlington, MA 02476 (US). HAGOOD IV, Nesbitt, Ward [US/US]; 73 Smith Street, Wellesley, MA 02482 (US). GLENN, Timothy, Scott [US/US]; 19 Howe Street, Apt. 1, Somerville, MA 02145 (US).
- (74) THIBODEAU, Jr., David, J. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road., P.O. Box 9133, Concord, Massachusetts 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02B
- (11) WO 03/081294 (13) A2
- (21) PCT/US03/08664
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 10/101,194 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COMPONENTS AND METHODS FOR MANUFACTURING HOLLOW INTEGRATORS AND ANGLE CONVERTERS
- COMPOSANTS ET PROCÉDES DE FABRICATION D'INTEGRATEURS ET DE CONVERTISSEURS D'ANGLE CREUX
- (71) EELE LABORATORIES, LLC [US/US]; Eele Laboratories, LLC, 25 East Loop Road, Stony Brook, NY 11790 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) STROBL, Karlheinz [IT/US]; Eele Laboratories, LLC, 25 East Loop Road, Suite 110, Stony Brook, NY 11790 (US). GASTEIGER, Paul [IT/US]; Eele Laboratories, LLC, 25 East Loop Road, Suite 110, Stony Brook, NY 11790 (US).
- (74) WILLIAMSON, Thomas; Myers & Kaplan Intellectual Property Law, LLC, 1827 Powers Ferry Road, Building 3, Suite 200, Atlanta, GA 30339 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
- (i) for all designations / pour toutes les désignations
-
- (51)⁷ G02B 1/04, C08G 18/38, 18/75, C08F 20/38, C07C 323/12, 327/22
- (11) WO 03/081295 (13) A1
- (21) PCT/JP03/03588
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ja (26) ja
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TZ UA UG US UZ VC VN YU ZA ZM ZW.
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NL PT RO SE SI SK TR); OA (BF BJ CF CG
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BY BZ CA CH CN CO CR CU CZ DE DK
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MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
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Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8323 (JP).
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Amable, Mission Viejo, CA 92692 (US).
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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
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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
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RU TJ TM); EP (AT BE CH CY DE DK ES
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Riverfront Plaza, Corning, NY 14831 (US).
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Patent Department, SP TI 3-1, Corning, NY
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4151 Burton Drive, Santa Clara, CA 95054
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*(for all designated States except / pour tous
les États désignés sauf US)*
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Cortese Circle, San Jose, CA 95127 (US).
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(for all designated States except / pour tous les États désignés sauf US)
 (71) FINNIE, Peter, John [GB/GB]; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).
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 (72, 75) LAM, Yee, Loy [SG/SG]; Block 271, Choa Chu Kang Ave 2, #14-261, Singapore 680271 (SG). CHA, Cher, Liang, Randall [SG/SG]; Block 302, Tampines Street 32, #05-34, Singapore 520302 (SG). CHOO, Lay, Cheng [SG/SG]; Block 210, Choa Chu Kang Central, #07-172, Singapore 680210 (SG).
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MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
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CING OPTICAL WAVEGUIDES
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SAGE DE FIBRES OPTIQUES

(71) CCS TECHNOLOGY, INC. [US/US]; 103
Foulk Road, Wilmington, DE 19803 (US).
(for all designated States except / pour tous
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(72, 75) RUEGENBERG, Gervin [DE/DE];
Senftenauer Strasse 117, 80689 München
(DE).

(74) EPPING HERMANN FISCHER PATEN-
TANWALTSGESELLSCHAFT MBH; Ri-
dlerstrasse 55, 80339 München (DE).

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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 NI NO NZ OM PH PL PT RO RU SC SD
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FIBRE OPTIQUE

(71) INTEL CORPORATION [US/US]; 2200
Mission College Boulevard, Santa Clara, CA
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4220, Chicago, IL 60606 (US).

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LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 6/30, G02F 1/03

(11) WO 03/081310 (13) A1

(21) PCT/US03/05411

(22) 21 Feb/fév 2003 (21.02.2003)

(25) en (26) en

(30) 10/102,621 19 Mar/mar 2002 US
(19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MACHINING OF LITHIUM NIOBATE
BY LASER ABLATION
• USINAGE DE NIOBATE DE LITHIUM
PAR ABLATION LASER

(71) WISCONSIN ALUMNI RESEARCH
FOUNDATION [US/US]; 614 North Walnut
Street, P.O. Box 7365, Madison, Wisconsin
53707-7365 (US).

(72) MCCAUGHAN, Leon; 3407 Virburnam
Drive, Madison, WI 53705 (US). STAU-
S, Chad, Matthew; 728 East Johnson Street,
Madison, WI 53703 (US).

(74) ENGSTROM, Harry, C. et al. / etc.; Foley
& Lardner, 150 East Gilman Street, P.O. Box
1497, Madison, WI 53701-1497 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 6/38

(11) WO 03/081311 (13) A1

(21) PCT/US03/03337

(22) 4 Feb/fév 2003 (04.02.2003)

(25) en (26) en

(30) 10/100,726 19 Mar/mar 2002 US
(19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR ALIGNING FIBER OPTIC
CONNECTORS

• DISPOSITIF D'ALIGNEMENT DE
CONNECTEURS DE FIBRES OP-
TIQUES

(71) 3M INNOVATIVE PROPERTIES COM-
PANY [US/US]; 3M Center, Post Office Box
33427, Saint Paul, MN 55133-3427 (US).

(72) COX, Larry R.; Post Office Box 33427,
Saint Paul, MN 55133-3427 (US). CLA-
TANOFF, William J.; Post Office Box
33427, Saint Paul, MN 55133-3427 (US).
LODER, Harry A.; Post Office Box 33427,
Saint Paul, MN 55133-3427 (US).

(74) FLORCZAK, Yen Tong, et al. / etc.; Of-
fice of Intellectual Property Counsel, Post Of-
fice Box 33427, Saint Paul, MN 55133-3427
(US).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT SE SI SK TR) OA (BF BJ CF CG CI CM GA
GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les
désignations

(51)⁷ G02B 7/02

(11) WO 03/081312 (13) A2

(21) PCT/US03/08220

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/364,634 18 Mar/mar 2002 US
(18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • OPTICAL ELEMENT MOUNTING
TECHNIQUE
• TECHNIQUE DE MONTAGE D'ELE-
MENT OPTIQUE

(71) CONFLUENT PHOTONICS CORPORA-
TION [US/US]; 5 Industrial Way, Salem, NH
03079 (US).

(72) TURNER, Ian; 25 Winding Brook Drive,
Stratham, NH 03885 (US). PREES, Ian, C.;
25 Priscilla Avenue, Chelmsford, MA 01824
(US). CAPIELLO, Gregory, G.; 31 Glance

- Road, Windham, NH 30387 (US). OUELLETTE, Paul, R.; 64 Essex Avenue, Haverhill, MA 01832 (US). SCHAEFER, Thomas, A.; 109 King Street, Groveland, MA 01834 (US).
- (74) ANDERSON, Thomas, E. et al. / etc.; Hunton & Williams, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02B 7/02
- (11) WO 03/081313 (13) A2
- (21) PCT/US03/08222
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 60/364,637 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • OPTICAL ELEMENT MOUNTING TECHNIQUE
• TECHNIQUE DE MONTAGE D'ELEMENT OPTIQUE
- (71) CONFLUENT PHOTONICS CORPORATION [US/US]; 5 Industrial Way, Salem, NH 03079 (US).
- (72) HUBBARD, William, J.; 25 Newstead Street, Litchfield, m NH 03052 (US). PREESE, Ian, C.; 25 Priscilla Avenue, Chelmsford, MA 01824 (US). MCINTYRE, Kevin, J.; 45 Tsienneto Road, Derry, NH 03038 (US). RADL, Andrew; 10 Country Club Drive, Dunbarton, NH 03046 (US). SCHAEFER, Thomas, A.; 109 King Street, Groveland, MA 01834 (US).
- (74) ANDERSON, Thomas, E. et al. / etc.; Hunton & Williams, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02B 23/10, 5/32, G01S 3/786
- (11) WO 03/081314 (13) A1
- (21) PCT/US03/08368
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 60/365,632 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ARTIFICIAL STAR GENERATION APPARATUS AND METHOD FOR REFLECTIVE, REFRACTIVE AND CATA-DIOPTRIC TELESCOPE SYSTEMS
• APPAREIL ET PROCEDE DE GENERATION D'ETOILES ARTIFICIELLES ET SYSTEMES DE TELESCOPE REFLECTIF, REFRACTIF ET CATADIOPTRIQUE
- (71) LASERMAX, INC. [US/US]; 3495 Winton Place, Building B, Rochester, NY 14623 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOUDE-WALTER, William, R. [US/US]; 6902 East River Road, Rush, NY 14543 (US). MURNAN, Andrew, J. [US/US]; 679 Galleon Drive, Webster, NY 14580 (US).
- (74) SALAI, Stephen, B. et al. / etc.; Harter, Secrest & Emery LLP, 1600 Bausch & Lomb Place, Rochester, NJ 14604-2711 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (u) for / pour US only / seulement
-
- (51)⁷ G02B 26/00
- (11) WO 03/081315 (13) A1
- (21) PCT/DK02/00209
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MICRO LIGHT MODULATOR ARRANGEMENT
• AGENCEMENT DE MICRO-MODULATEUR OPTIQUE
- (71) DICON A/S [DK/DK]; Møgelgårdsvej 16, DK-8520 Lystrup (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RAVNKILDE, Jan, Tue [DK/DK]; Fyrrevang 84, Fløng, DK-2640 Hedehusene (DK). HENNINGSEN, Henning [DK/DK]; Nørregade 25, DK-8670 Låsby (DK).
- (74) PATENTGRUPPEN APS; Arosgaarden, Aaboulevarden 31, DK-8000 Aarhus C (DK).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU 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 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)⁷ G02B 26/02
- (11) WO 03/081316 (13) A1
- (21) PCT/IB03/00814
- (22) 27 Feb/fév 2003 (27.02.2003)
- (25) en (26) en
- (30) 02076187.0 26 Mar/mar 2002 EP (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DISPLAY DEVICE COMPRISING A LIGHT TRANSMITTING FIRST PLATE AND LIGHT-ABSORBING MEANS
• AFFICHEUR COMPRENANT UNE PREMIERE PLAQUE A EMISSION DE LUMIERE ET UN ABSORBEUR DE LUMIERE
- (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) DUINE, Peter, A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN GORKOM, Gerardus, G.,

- P. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **CREEMERS, Tijssbert, M., H.** [NL/NL]; c/o 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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G02B 26/08, 7/182, 6/35, 7/00**
- (11) **WO 03/081317** (13) A1
- (21) PCT/US03/08523
- (22) **20 Mar/mar 2003 (20.03.2003)**
- (25) en (26) en
- (30) 10/103,534 **20 Mar/mar 2002 US (20.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HIGH SPEED OPTICAL ELEMENT SWITCHING MECHANISM
- MECANISME DE COMMUTATION RAPIDE D'ELEMENTS OPTIQUES
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) **OSTERBERG, David, A.;** 7101 West Deardley Road Unit 1203, Glendale, AZ 85308 (US).
- (74) **CRISS, Roger, H. et al. / etc.;** Honeywell International Inc., Patent Services, 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 SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G02B 26/10, 26/08**
- (11) **WO 03/081318** (13) A1
- (21) PCT/AU03/00379
- (22) **26 Mar/mar 2003 (26.03.2003)**
- (25) en (26) en
- (30) 60/367,270 **26 Mar/mar 2002 US (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • LIGHT SCANNING DEVICE
- DISPOSITIF DE BALAYAGE DE LUMIERE
- (71) **OPTISCAN PTY LTD** [AU/AU]; 15-17 Normanby Road, Notting Hill, Victoria 3168 (AU).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HARRIS, Martin, Russell** [AU/AU]; 163 Peel Street, Windsor, Victoria 3181 (AU).
- (74) **GRIFFITH HACK;** 509 St Kilda Road, Melbourne, Victoria 3004 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G02B 27/02, G09F 9/00, H04N 5/64**
- (11) **WO 03/081319** (13) A1
- (21) PCT/JP03/03562
- (22) **24 Mar/mar 2003 (24.03.2003)**
- (25) ja (26) ja
- (30) 2002-125014 **21 Mar/mar 2002 JP (21.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CAP WITH DISPLAY DEVICE
- CASQUETTE A AFFICHEUR
- (71, 72) **HATA, Yoshiaki** [JP/JP]; 18-18-410, Nangu-cho, Ashiya-shi, Hyogo 659-0024 (JP).
- (81) CA DE GB KR US.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ **G02B 27/14, 23/10**
- (11) **WO 03/081320** (13) A1
- (21) PCT/IL03/00237
- (22) **19 Mar/mar 2003 (19.03.2003)**
- (25) en (26) en
- (30) 148804 **21 Mar/mar 2002 IL (21.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • LIGHT GUIDE OPTICAL DEVICE
- DISPOSITIF A GUIDE D'ONDES OPTIQUE
- (71) **LUMUS LTD.** [IL/IL]; 24 B Hess Street, Rehovot 76346 (IL).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AMITAI, Yaakov** [IL/IL]; Sireni Street 36/4, 76229 Rehovot (IL).
- (74) **WOLFF, BREGMAN AND GOLLER;** P.O. Box 1352, Keren Hayesod Street 19 B, 91013 Jerusalem (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G02B 27/18**
- (11) **WO 03/081321** (13) A1
- (21) PCT/JP03/03496
- (22) **24 Mar/mar 2003 (24.03.2003)**
- (25) ja (26) ja
- (30) 2002-085256 **26 Mar/mar 2002 JP (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • LIGHTING EQUIPMENT AND PROJECTION DISPLAY DEVICE
- EQUIPEMENT D'ECLAIRAGE ET DISPOSITIF D'AFFICHAGE DE PROJECTION
- (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) **SHIMAOKA, Yuusaku** [JP/JP]; 10-22, Naritaminami-machi, Neyagawa-shi, Osaka 572-0003 (JP). **TABUCHI, Toshiaki** [JP/JP]; 13-15, 2-chome, Saidajiminami, Okayama-shi, Okayama 704-8117 (JP). **YOSHIKAWA, Takamasa** [JP/JP]; 4-7-706, Shimizu, Suita-shi, Osaka 565-0805 (JP).
- (74) **MATSUDA, Masamichi;** Shin-osaka Ikushima Bldg., 1-3, Miyahara 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (JP).
- (81) CA CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ **G02F 1/00**
- (11) **WO 03/081322** (13) A2
- (21) PCT/JP03/03358
- (22) **19 Mar/mar 2003 (19.03.2003)**
- (25) en (26) en
- (30) 2002-85868 **26 Mar/mar 2002 JP (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • POLARIZING PLATE, AND LIQUID CRYSTAL DISPLAY
- PLAQUE DE POLARISATION, ET AFFICHEUR A CRISTAUX LIQUIDES
- (71) **FUJI PHOTO FILM CO., LTD.** [JP/JP]; 210, Nakanuma, Minami-Ashigara-shi, Kanagawa 250-0123 (JP).
- (for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **ITO, Yoji** [JP/JP]; C/O Fuji Photo Film Co., Ltd., 210, Nakanuma, Minami-ashigara-shi, Kanagawa 250-0123 (JP).
- (74) **OGURI, Shohei et al.** / etc.; Eikoh Patent Office, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G02F 1/01, 1/133, H05B 33/12**
 (11) **WO 03/081323** (13) A1
 (21) PCT/IL03/00164
 (22) **4 Mar/mar 2003 (04.03.2003)**
 (25) en (26) en
 (30) 10/105,886 **26 Mar/mar 2002 US (26.03.2002)**
 (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ELECTROOPTICAL DISPLAY WITH CHANGEABLE PICTURES
 • DISPOSITIF D'AFFICHAGE ELECTRO-OPTIQUE A IMAGES INTERCHANGEABLES
- (71) **VISSON IP, LLC** [US/US]; 15 East North Street, City of Dover, County of Kent, DE 19901 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TOPELBERG, Rafael** [IL/IL]; 6/6 Hamelech Yanai Street, 52482 Ramat Gan (IL).
- (74) **REINHOLD COHN AND PARTNERS;** P.O.Box 4060, 61040 Tel Aviv (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G02F 1/01, 1/225, 1/313, G02B 6/12, 6/34, H04J 14/02**
 (11) **WO 03/081324** (13) A1
 (21) PCT/US03/08173
 (22) **17 Mar/mar 2003 (17.03.2003)**
 (25) en (26) en
- (30) 60/365,649 **18 Mar/mar 2002 US (18.03.2002)**
- (30) 10/236,140 **6 Sep/sep 2002 US (06.09.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • OPTICAL FILTER WITH DYNAMICALLY CONTROLLED LINESHAPE AND METHOD OF OPERATION
 • FILTRE OPTIQUE A FORME DE LIGNE SOUS COMMANDE DYNAMIQUE, ET PROCEDE DE FONCTIONNEMENT
- (71) **CLARENDON PHOTONICS, INC.** [US/US]; 153 Needham Street, Newton, MA 02464 (US).
- (72) **WANG, Tairan;** 164 North Beacon Street, Brighton, MA 02135 (US). **FORESI, James, S.;** 225 Weston Street, Waltham, MA 02453 (US). **VIENS, Jean-François;** 330 Dartmouth Street, Apt. 1B, Boston, MA 02116 (US). **MEKIS, Attila;** 1735 West Circle Drive, Martinsville, NJ 08836 (US).
- (74) **CONNORS, Matthew, E. et al.** / etc.; Samuels, Gauthier & Stevens, LLP, Suite 3300, 225 Franklin Street, Boston, MA 02110 (US).
- (81) CA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (c)
-
- (51)⁷ **G02F 1/09, G09F 9/37**
 (11) **WO 03/081325** (13) A2
 (21) PCT/US03/08949
 (22) **20 Mar/mar 2003 (20.03.2003)**
 (25) en (26) en
 (30) 60/367,325 **21 Mar/mar 2002 US (21.03.2002)**
 (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MAGNETOPHORETIC AND ELECTROMAGNETOPHORETIC DISPLAYS
 • AFFICHEURS MAGNETOPHORETIQUES ET ELECTROMAGNETOPHORETIQUES
- (71) **SIPIX IMAGING, INC.** [US/US]; 1075 Montague Expressway, Milpitas, CA 95035 (US).
- (72) **HO, C., S.;** 3725 Ortega Court, Palo Alto, CA 94303 (US). **CHUNG, Jerry;** 100 Montelena Court, Mountain View, CA 94040 (US). **GENDLER, Paul;** 6323 Contessa Court, San Jose, CA 95123 (US). **LIANG, Rong-Chang;** 20142 Pacifica Drive, Cupertino, CA 95014 (US).
- (74) **CHOW, Y., Ping;** Heller, Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE
- PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G02F 1/1337, C09K 19/02**
 (11) **WO 03/081326** (13) A1
 (21) PCT/SE03/00477
 (22) **21 Mar/mar 2003 (21.03.2003)**
 (25) en (26) en
 (30) 0200910-8 **22 Mar/mar 2002 SE (22.03.2002)**
 (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A LIQUID CRYSTAL DEVICE, A METHOD FOR PRODUCING A LIQUID CRYSTAL DEVICE AND METHOD FOR CONTROLLING A LIQUID CRYSTAL DEVICE
 • DISPOSITIF A CRISTAUX LIQUIDES, PROCEDE DE FABRICATION ET PROCEDE DE CONTROLE D'UN DISPOSITIF A CRISTAUX LIQUIDES
- (71) **ECSIBEO AB** [SE/SE]; c/o Forskarpatent i Väst AB, Stena Center, S-412 92 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOMITOV, Latchezar** [SE/SE]; Landalaberg 26, S-411 29 Göteborg (SE). **HELGEE, Bertil** [SE/SE]; Fullriggaregatan 23, S-426 74 Västra Frölunda (SE).
- (74) **AWAPATENT AB;** Box 11394, S-404 28 Göteborg (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ G02F 1/1337, C09K 19/02

(11) WO 03/081327 (13) A1

(21) PCT/SE03/00478

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 0200910-8 22 Mar/mar 2002 SE
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A LIQUID CRYSTAL DEVICE, A METHOD FOR PRODUCING A LIQUID CRYSTAL DEVICE AND A METHOD FOR CONTROLLING A LIQUID CRYSTAL DEVICE

• DISPOSITIF A CRISTAUX LIQUIDES, PROCEDE DE FABRICATION D'UN DISPOSITIF A CRISTAUX LIQUIDES ET PROCEDE DE COMMANDE D'UN DISPOSITIF A CRISTAUX LIQUIDES

(71) ECSIBEO AB [SE/SE]; c/o Forskarpatent i Väst AB, Stena Center, S-412 92 Göteborg (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOMITOV, Latchezar [SE/SE]; Landalabergen 26, S-411 29 Göteborg (SE).
HELGEE, Bertil [SE/SE]; Fullriggaregatan 23, S-426 74 Västra Frölunda (SE).

(74) AWAPATENT AB; Box 11394, S-404 28 Göteborg (SE).

(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) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ G02F 1/1339

(11) WO 03/081328 (13) A1

(21) PCT/JP03/03699

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(30) 2002-86048 26 Mar/mar 2002 JP
(26.03.2002)

(30) 2002-102848 4 Apr/avr 2002 JP
(04.04.2002)

(30) 2002-179970 20 Jun/juin 2002 JP
(20.06.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR MANUFACTURING LIQUID CRYSTAL DISPLAY DEVICE, SUBSTRATE FOR LIQUID CRYSTAL DISPLAY DEVICE, METHOD FOR MANUFACTURING SUBSTRATE FOR LIQUID CRYSTAL DISPLAY DEVICE, AND SPACER PARTICLE DISPERSION

• PROCEDE DE FABRICATION D'UN DISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES, SUBSTRAT POUR LEDIT D'AFFICHAGE A CRISTAUX LIQUIDES, PROCEDE DE FABRICATION DUDIT SUBSTRAT POUR L'AFFICHAGE A CRISTAUX LIQUIDES ET DISPERSION DE PARTICULES D'ESPACEMENT

(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) OGUCHI, Yoshiyuki [JP/JP]; c/o Sekisui Chemical Co., Ltd., 1259, Izumi, Minakuchicho, Koka-gun, Shiga 528-8585 (JP).
UEDA, Michihisa [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) CA CN KR SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ G02F 1/1343, 1/13

(11) WO 03/081329 (13) A1

(21) PCT/JP03/03544

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(30) 2002-86972 26 Mar/mar 2002 JP
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ARRAY SUBSTRATE AND ITS MANUFACTURING METHOD
• SUBSTRAT EN RESEAU ET PROCEDE DE FABRICATION

(71) TFPD CORPORATION [JP/JP]; 50, Kamiyobe, Yobe-ku, Himeji-shi, Hyogo 671-1285 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TSUKADA, Ichiro [JP/JP]; c/o TFPD Corporation, 50, Kamiyobe, Yobe-ku, Himeji-shi, Hyogo 671-1285 (JP).

(74) TSUTADA, Akiko et al. / etc.; 9th Floor, Nissei Bingomachi Bldg., 7-10, Bingomachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (JP).

(81) CN JP KR US.

Published / Publiée : (c)

(51)⁷ G02F 1/155

(11) WO 03/081330 (13) A1

(21) PCT/US03/03827

(22) 7 Feb/fév 2003 (07.02.2003)

(25) en (26) en

(30) 10/102,535 19 Mar/mar 2002 US
(19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ELECTROCHROMIC DISPLAY DEVICE
• AFFICHEUR ELECTROCHROMIQUE

(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) VINCENT, John, B. [US/US]; 5005 Foxcroft, Midland, MI 48642 (US).
FLICK, Derrick, W. [US/US]; 2637 N. Waskevich Lane, Midland, MI 48642 (US).

(74) ZERULL, Susan, Moeller; 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 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 HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02F 1/167

(11) WO 03/081331 (13) A1

(21) PCT/JP03/03434

(22) 20 Mar/mar 2003 (20.03.2003)

(25) ja (26) ja

(30) 2002-79953 22 Mar/mar 2002 JP
(22.03.2002)

(30) 2002-356851 9 Dec/déc 2002 JP
(09.12.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PROCESS FOR PRODUCING MICROCAPSULE ENCLOSING ELECTROPHORETIC PARTICLE DISPERSION, MICROCAPSULE ENCLOSING ELECTROPHORETIC PARTICLE DISPERSION AND REVERSIBLE DISPLAY MEDIUM CONTAINING THE SAME

• PROCEDE DE PRODUCTION DE MICROCAPSULES RENFERMANT UNE DISPERSION PARTICULAIRE ELECTROPHORETIQUE, MICROCAPSULE

RENFERMANT UNE DISPERSION PARTICULAIRE ELECTROPHORETIQUE ET SUPPORT D'AFFICHAGE REVERSIBLE CONTENANT CES MICROCAPSULES

(71) TOYO INK MFG. CO., LTD. [JP/JP]; 3-13, Kyobashi 2-chome, Chuo-ku, Tokyo 104-8377 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAKAI, Yoshiyuki [JP/JP]; c/o Toyo Ink Mfg. Co., Ltd., 3-13, Kyobashi 2-chome, Chuo-ku, Tokyo 104-8377 (JP). JONAI, Kazuhiro [JP/JP]; c/o Toyo Ink Mfg. Co., Ltd., 3-13, Kyobashi 2-chome, Chuo-ku, Tokyo 104-8377 (JP). UEMURA, Toshiyuki [JP/JP]; c/o Toyo Ink Mfg. Co., Ltd., 3-13, Kyobashi 2-chome, Chuo-ku, Tokyo 104-8377 (JP).

(74) MIYOSHI, Hidekazu; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN JP KR US.

(51)⁷ G02F 1/17

(11) WO 03/081332 (13) A1

(21) PCT/EP03/03073

(22) 25 Mar/mar 2003 (25.03.2003)

(25) de (26) de

(30) 102 13 731.5 26 Mar/mar 2002 DE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND DEVICE FOR LIGHT MODULATION BY MEANS OF A GRANULAR GAS

• PROCEDE ET DISPOSITIF DE MODULATION DE LA LUMIERE

(71) HEIDELBERG INSTRUMENTS MIKROTECHNIK GMBH [DE/DE]; Tullastrasse 2, 69126 Heidelberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PREUSS, Sven [DE/DE]; Tullastrasse 2, 69126 Heidelberg (DE).

(74) REBLE, KLOSE & SCHMITT; Patente + Marken, Postfach 12 15 19, 68066 Mannheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ G03B 21/00, G09F 19/18

(11) WO 03/081333 (13) A1

(21) PCT/EP03/02809

(22) 18 Mar/mar 2003 (18.03.2003)

(25) de (26) de

(30) 102 13 738.2 26 Mar/mar 2002 DE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PROJECTION DEVICE

• MOYEN DE PROJECTION

(71, 72) HARALABOS, Rousvanidis [GR/DE]; Prinzregentenstr. 86, 10717 Berlin (DE).

(74) WEISSE, Renate et al. / etc.; Bökenbuschstrasse 41, 42555 Velbert (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G03B 21/14

(11) WO 03/081334 (13) A1

(21) PCT/US03/06837

(22) 6 Mar/mar 2003 (06.03.2003)

(25) en (26) en

(30) 10/103,172 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MERCHANDISE DISPLAY CASE AND SYSTEM

• VITRINE ET SYSTEME D'EXPOSITION DE MARCHANDISE

(71) THE NEIMAN MARCUS GROUP, INC. [US/US]; 1618 Main Street, Dallas, TX 75201 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CIMINI, Joseph [US/US]; 4233 Travis Street, #11, Dallas, TX 75205 (US). GORISCHEK, Ignaz, M. [US/US]; 9502 Bill Brown Lane, Dallas, TX 75243 (US).

(74) WANG, Anne; Christie, Parker & Hale, LLP, Post Office Box 7068, Pasadena, CA 91109-7068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G03B 42/02

(11) WO 03/081335 (13) A1

(21) PCT/GB03/01160

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 0206634.8 20 Mar/mar 2002 GB (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • POSITIONING DEVICE FOR USE IN RADIOGRAPHY

• DISPOSITIF DE POSITIONNEMENT UTILISE EN RADIOGRAPHIE

(71) X-RAY SLIDER LTD [GB/GB]; 16 Ranyard Close, Chessington, Surrey KT9 1HR (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REID, Paul [GB/GB]; 16 Ranyard Close, Chessington, Surrey KT9 1HR (GB). LUSCOMBE, Ian [GB/GB]; 16 Ranyard Close, Chessington, Surrey KT9 1HR (GB).

(74) DEANS, Michael, John, Percy; M.J.P. Deans, Lane End House, Hookley Lane, Elstead, Surrey GU8 6JE (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 GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

- CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G03C 5/29, 7/407, C02F 1/68
(11) WO 03/081336 (13) A1
(21) PCT/JP03/03515
(22) 24 Mar/mar 2003 (24.03.2003)
(25) ja (26) ja
(30) 2002-129390 26 Mar/mar 2002 JP (26.03.2002)
(30) 2002-238664 16 Jul/juil 2002 JP (16.07.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • PREPARATION WATER FOR PHOTOGRAPHIC DEVELOPER, APPARATUS FOR PRODUCTION THEREOF AND PHOTOGRAPHIC DEVELOPER
• EAU DE PREPARATION POUR DEVELOPPEUR PHOTOGRAPHIQUE, APPAREIL DE PRODUCTION CORRESPONDANT ET DEVELOPPEUR PHOTOGRAPHIQUE
(71, 72) KIJIMA, Ryodo [JP/JP]; Y's Trad 301, 8-14, Higashisuna 4-chome, Koto-ku, Tokyo 136-0074 (JP).
(74) SAKAMOTO, Kiyotaka et al. / etc.; 7-12, Ginza 6-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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Bergstr. 48, 57271 Hilchenbach-Dahlbruch (DE).
(74) LORENZ, Werner; Alte Ulmer Str. 2, 89522 Heidenheim (DE).
(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU 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 SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(r) for all designations / pour toutes les désignations
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU 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 SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement
- (51)⁷ G03F 7/20
(11) WO 03/081338 (13) A1
(21) PCT/SE03/00462
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 0200864-7 21 Mar/mar 2002 SE (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD AND APPARATUS FOR PRINTING LARGE DATA FLOWS
• PROCEDE ET APPAREIL D'IMPRESION DE FLUX DE DONNEES IMPORTANTS
(71) MICRONIC LASER SYSTEMS AB [SE/SE]; IPR & Legal Department, Nytorpsvägen 9, S-183 03 Täby (SE). ASML NETHERLANDS B.V. [NL/NL]; De Run 1110, NL-5503 LA Veldhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) THURÉN, Anders [SE/SE]; Eskadervägen 34, S-183 54 Täby (SE). VAN DER MAST, Karel [NL/NL]; Geeneindsweg 7, NL-5708 BB Helmond (NL). BLEEKER, Arno [NL/NL]; Steenovens 67, NL-5563 CE Westerhoven (NL).
(74) MICRONIC LASER SYSTEMS AB; IPR & Legal Department, Nytorpsvägen 9, S-183 03 Täby (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR
- TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G03F 7/20
(11) WO 03/081339 (13) A2
(21) PCT/US03/06865
(22) 6 Mar/mar 2003 (06.03.2003)
(25) en (26) en
(30) 10/102,024 19 Mar/mar 2002 US (19.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • PATTERNING SEMICONDUCTOR LAYERS USING PHASE SHIFTING AND ASSIST FEATURES
• IMPRESSIONS DE COUCHES SEMI-CONDUCTRICES AU MOYEN D'ELEMENTS DE DEPHASAGE ET D'AIDE
(71) INTEL CORPORATION (a Delaware Corporation) [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
(72) SCHENKER, Richard; 17820 NW Deercreek, Portland, OR 97229 (US). ALLEN, Gary; 13952 NW Meadowridge Drive, Portland, OR 97229 (US).
(74) HARRIS, Scott, C. et al. / etc.; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G03G 7/20, G02B 7/18, 7/00
(11) WO 03/081337 (13) A2
(21) PCT/EP03/02778
(22) 18 Mar/mar 2003 (18.03.2003)
(25) de (26) de
(30) 102 12 547.3 21 Mar/mar 2002 DE (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DEVICE FOR MANIPULATION OF THE ANGULAR POSITION OF AN OBJECT RELATIVE TO A FIXED STRUCTURE
• DISPOSITIF PERMETTANT DE MODIFIER LA POSITION ANGULAIRE D'UN OBJET PAR RAPPORT A UNE STRUCTURE FIXE
(71) CARL ZEISS SMT AG [DE/DE]; Carl-Zeiss-Strasse 22, 73447 Oberkochen (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) WEBER, Ulrich [DE/DE]; Ensingerstr. 53, 89073 Ulm (DE). HOLDERER, Hubert [DE/DE]; Graefinstr. 6, 89551 Koenigsbronn (DE). MUENKER, Hartmut [DE/DE];
- (51)⁷ G03G 9/087
(11) WO 03/081340 (13) A1
(21) PCT/JP03/03625
(22) 25 Mar/mar 2003 (25.03.2003)
(25) ja (26) ja
(30) 2002-84608 25 Mar/mar 2002 JP (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • TONER BINDER FOR ELECTROPHOTOGRAPHY AND TONER FOR ELECTROPHOTOGRAPHY
• LIANT POUR TONER DESTINE A L'ELECTROPHOTOGRAPHIE ET TONER DESTINE A L'ELECTROPHOTOGRAPHIE

(71) SANYO CHEMICAL INDUSTRIES, LTD. [JP/JP]; 11-1, Ikkyonomotocho, Higashiyama-ku, Kyoto-shi, Kyoto 605-0995 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMASHIRO, Takashi [JP/JP]; c/o SANYO CHEMICAL INDUSTRIES, LTD., 11-1, Ikkyonomotocho, Higashiyama-ku, Kyoto-shi, Kyoto 605-0995 (JP).

(74) YASUTOMI, Yasuo et al. / etc.; Chuo BLDG., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

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(51)⁷ G03G 9/097

(11) WO 03/081341 (13) A1

(21) PCT/JP03/03252

(22) 18 Mar/mar 2003 (18.03.2003)

(25) ja (26) ja

(30) 2002-081513 22 Mar/mar 2002 JP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CHARGE CONTROL AGENT AND TONER FOR ELECTROSTATIC IMAGE DEVELOPMENT CONTAINING THE SAME

• AGENT DE CONTROLE DE CHARGE ET POUDRE DE TONER POUR DEVELOPPEMENT D'IMAGE ELECTROSTATIQUE CONTENANT CE DERNIER

(71) ORIENT CHEMICAL INDUSTRIES, LTD. [JP/JP]; 7-14, Shimori 1-chome, Asahi-ku, Osaka-shi, Osaka 535-0022 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YASUMATSU, Masashi [JP/JP]; c/o ORIENT CHEMICAL INDUSTRIES, LTD., 8-1, Sanrahigashimachi, Neyagawa-shi, Osaka 572-8581 (JP). URAKAWA, Toshihiro [JP/JP]; c/o ORIENT CHEMICAL INDUSTRIES, LTD., 8-1, Sanrahigashimachi, Neyagawa-shi, Osaka 572-8581 (JP). TADA, Akihiro [JP/JP]; c/o ORIENT CHEMICAL INDUSTRIES, LTD., 8-1, Sanrahigashimachi, Neyagawa-shi, Osaka 572-8581 (JP).

(74) KOMIYA, Yoshio et al. / etc.; 2F Chiyoda K building, 7-14, Kudanminami 3-chome, Chiyoda-ku, Tokyo 102-0074 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G03G 15/09, 21/00

(11) WO 03/081342 (13) A1

(21) PCT/EP03/03141

(22) 26 Mar/mar 2003 (26.03.2003)

(25) de (26) de

(30) 102 13 499.5 26 Mar/mar 2002 DE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR TRANSPORTING TONERS TO/FROM A TONER DEPOSITION UNIT IN AN ELECTROPHOTOGRAPHIC PRINTING OR COPYING DEVICE

• DISPOSITIF DE TRANSPORT D'UN TONER EN DIRECTION OU A PARTIR D'UNE UNITE DE FIXATION DE TONER DANS UN DISPOSITIF DE COPIE OU D'IMPRESSIION ELECTROPHOTOGRAPHIQUE

(71) OCE PRINTING SYSTEM GMBH [DE/DE]; Siemensallee 2, 85586 Poing (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHULMEISTER, Peter [DE/DE]; Schweitenkirchner Strasse 6, 85276 Pfaffenhofen (DE). HÖLLIG, Uwe [DE/DE]; Heldackerweg 4a, 81827 München (DE).

(74) SCHAUMBURG, Karl-Heinz et al. / etc.; Postfach 86 07 48, 81634 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ G03G 15/23, 15/01

(11) WO 03/081343 (13) A1

(21) PCT/EP03/02989

(22) 21 Mar/mar 2003 (21.03.2003)

(25) de (26) de

(30) 102 12 840.5 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND DEVICE FOR PRINTING INDIVIDUAL SHEETS WITH AN INVERTER DEVICE

• PROCEDE ET DISPOSITIF D'IMPRESSIION DE FEUILLES INDIVIDUELLES AU MOYEN D'UN ENSEMBLE INVERSEUR

(71) OCÉ PRINTING SYSTEMS GMBH [DE/DE]; Siemensallee 2, 85586 Poing (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MANZER, Hans [DE/DE]; Steebstrasse 3, 82229 Seefeld (DE).

(74) SCHAUMBURG, Karl-Heinz; Postfach 86 07 48, 81634 München (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ G03H 1/02, G03F 7/028, 7/004, C08F 2/50

(11) WO 03/081344 (13) A1

(21) PCT/JP03/03576

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(30) 2002-89128 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PHOTOPOLYMER COMPOSITION FOR HOLOGRAPHIC RECORDING MATERIAL, HOLOGRAPHIC RECORDING MEDIUM, AND PROCESS FOR PRODUCING THE SAME

• COMPOSITION DE PHOTOPOLYMER DESTINEE A UN MATERIAU D'ENREGISTREMENT HOLOGRAPHIQUE, SUPPORT D'ENREGISTREMENT HOLOGRAPHIQUE ET PROCESSUS DE PRODUCTION DE CELUI-CI

(71) DAISO CO., LTD. [JP/JP]; 10-8, Edo-ori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IWASA, Naruhito [JP/JP]; c/o DAISO CO., LTD., 10-8, Edo-ori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP). SAIKA, Tetsuyuki [JP/JP]; c/o DAISO CO., LTD., 10-8, Edo-ori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP). MATOBA, Yasuo [JP/JP]; c/o DAISO CO., LTD., 10-8, Edo-ori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP). AOKI, Kouji [JP/JP]; c/o DAISO CO., LTD., 10-8, Edo-ori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP). MATSUO, Takashi [JP/JP]; c/o DAISO CO., LTD., 10-8, Edo-ori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP). YOKOYAMA, Kazunori [JP/JP]; c/o DAISO CO., LTD., 10-8, Edo-ori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).

(74) HIBI, Norihiko et al. / etc.; c/o Kishimoto & CO., 3rd Floor, Inaba Building, 13-18, Nishishinsaibashi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0086 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G04C 9/02, 10/00, 3/00

(11) WO 03/081345 (13) A1

(21) PCT/JP03/03914

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(30) 2002-089630 27 Mar/mar 2002 JP (27.03.2002)

- (30) 2003-73882 **18 Mar/mar 2003** JP
(18.03.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ELECTRONIC TIMEPIECE AND ELECTRONIC EQUIPMENT
• MONTRE ELECTRONIQUE ET EQUIPEMENT ELECTRONIQUE
- (71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku, Tokyo 163-0811 (JP).
- (72) FUJIMORI, Shigeyuki; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP).
- (74) KAMIYANAGI, Masataka et al. / etc.; c/o Intellectual Property Division, SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP).
- (81) CN KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ G04C 09/02, 03/00
- (11) WO 03/081346 (13) A1
- (21) PCT/JP03/03915
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) ja (26) ja
- (30) 2002-089631 **27 Mar/mar 2002** JP
(27.03.2002)
- (30) 2002-107131 **9 Apr/avr 2002** JP
(09.04.2002)
- (30) 2003-73915 **18 Mar/mar 2003** JP
(18.03.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ELECTRONIC TIMEPIECE AND ELECTRONIC EQUIPMENT
• MONTRE ELECTRONIQUE ET EQUIPEMENT ELECTRONIQUE
- (71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku, Tokyo 163-0811 (JP).
- (72) FUJIMORI, Shigeyuki; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP). KITA-HARA, Joji; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP).
- (74) KAMIYANAGI, Masataka et al. / etc.; c/o Intellectual Property Division, SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP).
- (81) CN KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ G04G 5/00, G04C 9/02, G04G 1/00
- (11) WO 03/081347 (13) A1
- (21) PCT/JP03/03584
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ja (26) ja
- (30) 2002-85172 **26 Mar/mar 2002** JP
(26.03.2002)
- (30) 2002-136889 **13 May/mai 2002** JP
(13.05.2002)
- (30) 2002-142516 **17 May/mai 2002** JP
(17.05.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • RADIO TIMEPIECE
• MONTRE RADIO
- (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) HANAI, Kenji [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashi-cho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).
- (74) TAKAMUNE, Hiroto; c/o Gijutsu Kaihatsu Co., Room 201, 2nd Floor, Muto Building, 13-9, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) CN KR US.
- (84) EP (CH DE FR GB IT).
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- (51)⁷ G05B 13/02
- (11) WO 03/081348 (13) A1
- (21) PCT/DE03/00793
- (22) 12 Mar/mar 2003 (12.03.2003)
- (25) de (26) de
- (30) 102 13 533.9 **26 Mar/mar 2002** DE
(26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND CONTROLLER FOR THE ADAPTIVE CONTROL OF AT LEAST ONE COMPONENT OF A TECHNICAL PLANT
• PROCEDE ET REGULATEUR PERMETTANT LA REGULATION ADAPTATIVE D'AU MOINS UNE COMPOSANTE D'UNE INSTALLATION TECHNIQUE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WENDELBERGER, Klaus-Walter [DE/DE]; Eichenweg 26, 91322 Gräfenberg (DE). HAGUET, Magalie [FR/FR]; 6 rue Henri Cahn, F-94360 Bry sur Marne (FR).
- (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 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 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LSMW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement
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- (51)⁷ G05B 15/00, H01P 1/205, H03J 1/00
- (11) WO 03/081349 (13) A1
- (21) PCT/IB03/01604
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 102 12 427.2 **21 Mar/mar 2002** DE
(21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND ARRANGEMENT FOR AUTOMATIC ADJUSTMENT OF DEVICES HAVING SETTING ELEMENTS, AND A CORRESPONDING COMPUTER PROGRAM PRODUCT AND A CORRESPONDING COMPUTER-READABLE STORAGE MEDIUM
• PROCEDE ET ARRANGEMENT POUR L'AJUSTEMENT AUTOMATIQUE DE DISPOSITIFS POSSEDANT DES ELEMENTS DE REGLAGE, PRODUIT DE PROGRAMME INFORMATIQUE CORRESPONDANT ET SUPPORT DE STOCKAGE CORRESPONDANT POUVANT ETRE LU PAR ORDINATEUR
- (71) MARCONI COMMUNICATIONS GMBH [DE/DE]; Gerberstrasse 33, 71520 Backnang (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAIER, Thomas [DE/DE]; Schoenbuechstrasse 12, 77887 Sasbachwalden (DE).
- (74) CAMP, Ronald; Marconi Intellectual Property, Marrable House, The Vineyards, Great Baddow, Chelmsford, Essex CM2 7QS (GB).
- (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 SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G05B 15/02, 23/02
- (11) WO 03/081350 (13) A1
- (21) PCT/EP03/00800
- (22) 27 Jan/jan 2003 (27.01.2003)
- (25) de (26) de
- (30) 102 13 870.2 **27 Mar/mar 2002** DE
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)

- (54) • SYSTEM FOR OPTIMIZING THE OVERALL EFFICIENCY OF A PRODUCTION PLANT
• SYSTEME POUR OPTIMISER LE RENDEMENT GLOBAL D'UNE INSTALLATION DE PRODUCTION
- (71) VOITH PAPER PATENT GMBH [DE/DE]; Sankt Pöltener Str. 43, 89522 Heidenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FRIEDRICH, Jürgen [DE/DE]; Leonhard Cusmann-Str. 9, 74546 Crailsheim (DE). KICHERER, Manfred [DE/DE]; Talstr. 103, 89518 Heidenheim (DE). KAISER, Stefan [DE/DE]; Hugo-Hermann-Str. 75, 88213 Ravensburg (DE). BACH-BEZENAR, Günther [DE/DE]; Aubürger-Str. 28 1/2, 85051 Augsburg (DE).
- (74) MANITZ, FINSTERWALD & PARTNER GBR; Postfach 31 02 20, 80102 München (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 MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G05B 17/00
(11) WO 03/081351 (13) A2
(21) PCT/US03/07170
(22) 10 Mar/mar 2003 (10.03.2003)
(25) en (26) en
(30) 10/102,580 20 Mar/mar 2002 US (20.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • MODELING A FLEXIBLE TUBE
• MODÉLISATION D'UN TUBE FLEXIBLE
(71) SIEMENS CORPORATE RESEARCH, INC. [US/US]; 755 College Road East, Princeton, NJ 08540 (US).
(72) KUKUK, Markus; 19 Humbert Street, Princeton, NJ 08542 (US).
(74) PASCHBURG, Donald B. et al. / etc.; Siemens Corporation - Intellectual Property Dept., 170 Wood Ave. South, Iselin, NJ 08830 (US).
(81) CN JP.
-
- (51)⁷ G05B 19/04
(11) WO 03/081352 (13) A2
(21) PCT/FR03/00860
(22) 18 Mar/mar 2003 (18.03.2003)
(25) fr (26) fr
- (30) 02/03752 26 Mar/mar 2002 FR (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD FOR REPROGRAMMING BIDIRECTIONAL OBJECTS
• PROCEDE DE REPROGRAMMATION D'OBJETS BIDIRECTIONNELS
(71) SOMFY [FR/FR]; 8, avenue de Margencel, F-74300 Cluses (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ORSAT, Jean-Michel [FR/FR]; Le Pissoir Nord, F-74300 CHATILLON-SUR-CLUSES (FR). AUTRET, Capucine [FR/FR]; 283, rue Chérinaz, F-74460 Marnaz (FR).
- (74) POCHART, François et al. / etc.; 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 MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G05B 19/12
(11) WO 03/081353 (13) A1
(21) PCT/DE02/04473
(22) 6 Dec/déc 2002 (06.12.2002)
(25) de (26) de
(30) 102 13 349.2 26 Mar/mar 2002 DE (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • SYSTEM FOR RECORDING INFORMATION
• SYSTEME DE DETECTION D'INFORMATIONS
(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) WEISSENBERGER, Guenther [DE/DE]; Albrecht-Duerer-Strasse 3, 96191 Viereth-Trunstadt (DE). KOENGETER, Arne [DE/DE]; Müssstrasse 57, 96047 Bamberg (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 SI SK TR).
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- (51)⁷ G05B 19/4097
(11) WO 03/081354 (13) A1
(21) PCT/KR02/01605
(22) 26 Aug/août 2002 (26.08.2002)
- (25) en (26) en
(30) 2002-0016154 25 Mar/mar 2002 KR (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD FOR PERFORMING DELTA VOLUME DECOMPOSITION AND PROCESS PLANNING IN A TURNING STEP-NC SYSTEM
• PROCEDE PERMETTANT D'EFFEC-TUER UNE DECOMPOSITION D'UN VOLUME DELTA ET UNE PLANIFI-CATION DE PROCESSUS DANS UN SYSTEME A COMMANDE NUME-RIQUE DE TOURNAGE
(71) POSTECH FOUNDATION [KR/KR]; San 31, Hyoja-dong, Nam-gu, 790-784 Pohang-shi, Kyung-sangbuk-do (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUH, Suk-Hwan [KR/KR]; Department of Industrial Engineering, POSTECH, San 31, Hyoja-dong, Nam-gu, 790-784 Pohang-shi, Kyung-sangbuk-do (KR). CHEON, Sang-Uk [KR/KR]; Department of Industrial Engineering, POSTECH, San 31, Hyoja-dong, Nam-gu, 790-784 Pohang-shi, Kyung-sangbuk-do (KR). LEE, Byeong-Eon [KR/KR]; Department of Industrial Engineering, POSTECH, San 31, Hyoja-dong, Nam-gu, 790-784 Pohang-shi, Kyung-sangbuk-do (KR).
- (74) JANG, Seong Ku; 17th Fl., KEC Building, 275-7, Yangjae-dong, Seocho-ku, 137-130 Seoul (KR).
(81) JP US.
(84) EP (DE FR GB).
-
- (51)⁷ G05B 19/414
(11) WO 03/081355 (13) A1
(21) PCT/EP02/11742
(22) 23 Oct/oct 2002 (23.10.2002)
(25) en (26) en
(30) VI2002A000053 22 Mar/mar 2002 IT (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • INTEGRATED SYSTEM FOR CONTROLLING AXES OF INDUSTRIAL MACHINERY
• SYSTEME INTEGRE DESTINE A CONTROLER LES AXES DES MACHINES INDUSTRIELLES
(71) QEM S.R.L. [IT/IT]; S.S.11, Km 339, Località Signolo, I-36054 Montebello Vicentino (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CAZZAVILLAN, Adriano [IT/IT]; Via Costalunga di Sopra, I-36050 Sovizzo (IT). ZATTON, Dario [IT/IT]; Via Maule, 3, I-36050 Bolzano Vicentino (IT). MAGNABOSCO, Pietro [IT/IT]; Via Bellini, 2, I-36070 Trissino (IT).
- (74) COPPO, Alessandro et al. / etc.; Ing.Barzani & Zanardo Milano S.p.A., Via Borgonuovo, 10, I-20121 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 TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G05B 19/418, E05B 47/06

(11) WO 03/081356 (13) A1

(21) PCT/DE03/00928

(22) 20 Mar/mar 2003 (20.03.2003)

(25) de (26) de

(30) 202 04 858.6 26 Mar/mar 2002 DE
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • ALARM AND CONTROL SYSTEM
FOR A SWITCH CABINET
• SYSTEME DE SURVEILLANCE ET DE
COMMANDE POUR ARMOIRE ELEC-
TRIQUE

(71) EMKA BESCHLAGTEILE GMBH &
CO. KG [DE/DE]; Langenberger Strasse 32,
42551 Velbert (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HOFFMANN, Rainer [DE/DE];
Pestalozzistrasse 37, 40764 Langenfeld
(DE).

(74) MÜLLER, Karl-Ernst et al. / etc.; Turm-
strasse 22, 40878 Ratingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ G05B 19/42

(11) WO 03/081357 (13) A2

(21) PCT/IB03/01083

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 02 03668 25 Mar/mar 2002 FR
(25.03.2002)

(30) 03 01675 12 Feb/fév 2003 FR
(12.02.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • METHOD OF DETERMINING AN
OPEN POSITION FOR A ROLLER
BLIND
• PROCEDE DE DETERMINATION
D'UNE POSITION AJOUREE D'UN
VOLET ROULANT

(71) SOMFY [FR/FR]; 50, Avenue du Nouveau
Monde, F-74300 CLUSES (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MAISTRE, Valérie [FR/FR]; 440 Rue
de la Crête, F-74300 THYEZ (FR). DES-
BIOLLES, Claude [FR/FR]; 260 Chemin
de Sales L'Echelle, F-74800 ETEAUX (FR).
HUBAULT, Alain [FR/FR]; 1740 Route de
Gravin, F-74300 Magland (FR). MERCIER,
Patrick [FR/FR]; 200 Impasse du Clos de la
Plaine, F-74970 MARIIGNIER (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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G05B 19/42

(11) WO 03/081358 (13) A1

(21) PCT/IB03/01124

(22) 19 Mar/mar 2003 (19.03.2003)

(25) fr (26) fr

(30) 02/03668 25 Mar/mar 2002 FR
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • METHOD OF CONTROLLING A
ROLLER BLIND OR SIMILAR
• PROCEDE DE COMMANDE D'UN VO-
LET ROULANT OU SIMILAIRE

(71) SOMFY [FR/FR]; 50, avenue du Nouveau
Monde, F-74300 Cluses (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MAISTRE, Valérie [FR/FR]; 440, rue
de la Crête, F-74300 Theyez (FR). DES-
BIOLLES, Claude [FR/FR]; 260, chemin
de Sales L'Echelle, F-74800 Eteaux (FR).
HUBAULT, Alain [FR/FR]; 1740, route de
Gravin, F-74300 Magland (FR). MERCIER,
Patrick [FR/FR]; 200, impasse du Clos de la
Plaine, F-74970 Marignier (FR).

(74) MEYLAN, Robert, M. et al. / etc.; 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G05B 23/02, H04Q 9/00

(11) WO 03/081359 (13) A1

(21) PCT/JP03/03711

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(30) 2002-87631 27 Mar/mar 2002 JP
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • centralized PLANT-monitoring con-
troller and method
• CONTROLEUR ET PROCEDE CEN-
TRALISES DE CONTROLE D'INSTAL-
LATIONS

(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) MATSUMOTO, Seikai [JP/JP]; 901-7,
Yamaguchi, Tokorozawa-Shi, Saitama
359-1145 (JP). HAYASHI, Shinji [JP/JP];
3-20-7-807, Narita-Nishi, Suginami-Ku,
Tokyo 166-0016 (JP). OOMORI, Kenji
[JP/JP]; 2-25-10, Komoa-Shiotsu, Ueno-
hara-Machi, Kitatsuru-Gun, Yamanashi
409-0126 (JP).

(74) HATANO, Hisashi et al. / etc.; Tokyo In-
ternational Patent Firm, 2nd Floor, Miyata
Building, 17-16, Nishi-Shimbashi 1-Chome,
Minato-Ku, Tokyo 105-0003 (JP).

(81) AE AU CN DE JP US.

(51)⁷ G05D

(11) WO 03/081360 (13) A2

(21) PCT/US03/08072

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 60/366,115 20 Mar/mar 2002 US
(20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • APPARATUS FOR CONTROLLING
THE ANNULUS OF AN INNER STRING
AND CASING STRING
• APPAREIL DE CONTROLE DE L'ES-
PACE ANNULAIRE D'UN TRAIN DE
TIGES INTERIEUR D'UNE COLONNE
DE TUBAGE

(71, 72) MULLINS, Albert, Augustus [US/US];
18706 Acaro Glen Court, Houston, TX 77346
(US).

(74) REDANO, Richard, T.; Duane Morris LLP,
Suite 500, One Greenway Plaza, Houston, TX
77046 (US).

(81) CA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ G05D 7/06

(11) WO 03/081361 (13) A1

(21) PCT/JP03/03387

(22) 20 Mar/mar 2003 (20.03.2003)

(25) ja (26) ja

(30) 2002-82297 25 Mar/mar 2002 JP
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MASS FLOW CONTROLLER
• REGULATEUR DE DEBIT MASSIQUE

(71) STEC INC. [JP/JP]; 2, Miyanohigashicho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8510 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NISHIKAWA, Masami [JP/JP]; c/o Stec Inc., 11-5, Kamitobahokodate-cho, Minami-ku, Kyoto-shi, Kyoto 601-8116 (JP). YAMAGUCHI, Masao [JP/JP]; c/o Stec Inc., 11-5, Kamitobahokodate-cho, Minami-ku, Kyoto-shi, Kyoto 601-8116 (JP).

(74) FUJIMOTO, Hideo; Daihatsu Building 5th Floor, 2-40, Katamachi 2-chome, Miyakojima-ku, Osaka-shi, Osaka 534-0025 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

*(r) for the following designations / pour les désignations suivantes : CN KR EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)**(s) for the following designations / pour les désignations suivantes : CN KR EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)**(u) for / pour US only / seulement*(51)⁷ G05D 11/00

(11) WO 03/081362 (13) A1

(21) PCT/US02/08722

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AGRICULTURAL IRRIGATION SCHEDULES BASED ON EVAPO-TRANSPIRATION

• PROGRAMMES D'IRRIGATION AGRICOLE BASES SUR L'EVAPOTRANSPIRATION

(71) AQUA CONSERVATION SYSTEMS, INC. [US/US]; 2900 Adams, Suite A25, Riverside, CA 92504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ADDINK, John [US/US]; Aqua Conservation Systems, Inc., 2900 Adams, Suite A25, Riverside, CA 92504 (US). ADDINK, Sylvan [US/US]; Aqua Conservation Systems, Inc., 2900 Adams, Suite A25, Riverside, CA 92504 (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 VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ G05D 16/20, F16K 31/06

(11) WO 03/081363 (13) A1

(21) PCT/EP03/02790

(22) 18 Mar/mar 2003 (18.03.2003)

(25) de (26) de

(30) 102 12 806.5 22 Mar/mar 2002 DE
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PRESSURE REGULATION VALVE
• SOUPEPE REGULATRICE DE PRESSION

(71) ZF FRIEDRICHSHAFEN AG [DE/DE]; 88038 Friedrichshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BORNTRÄGER, Kai [DE/DE]; Holbeinstr. 9, 88212 Ravensburg (DE).

(74) ZF FRIEDRICHSHAFEN AG; 88038 Friedrichshafen (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G05F 5/02, H03K 17/13, 17/16

(11) WO 03/081364 (13) A1

(21) PCT/AU03/00364

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) PS1312 25 Mar/mar 2002 AU
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DIMMER CIRCUIT WITH IMPROVED RIPPLE CONTROL

• CIRCUIT GRADATEUR DE LUMIERE AVEC CONTROLE AMELIORE DES ONDULATIONS

(71) CLIPSAL INTEGRATED SYSTEMS PTY LTD [AU/AU]; 12 Park Terrace, Bowden, S.A. 5007 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VANDERZON, James, Robert [AU/AU]; 12 Park Terrace, Bowden, S.A. 5007 (AU).

(74) MADDERN; Level 1, 64 Hindmarsh Square, Adelaide, S.A. 5000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT

RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/081365 (13) A2

(21) PCT/EP03/02262

(22) 5 Mar/mar 2003 (05.03.2003)

(25) en (26) en

(30) 02388024.8 22 Mar/mar 2002 EP
(22.03.2002)(30) 60/369,994 3 Apr/avr 2002 US
(03.04.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ENTERING TEXT INTO AN ELECTRONIC COMMUNICATIONS DEVICE
• SAISIS D'UN TEXTE DANS UN DISPOSITIF DE COMMUNICATIONS ELECTRONIQUES

(71) SONY ERICSSON MOBILE COMMUNICATIONS AB [SE/SE]; S-221 88 Lund (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZHANG, Daniel, Yalin [SE/SE]; Skarp-skyttevägen, 6B, S-226 42 Lund (SE).

(74) ZACCO DENMARK 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/081366 (13) A2

(21) PCT/EP03/02263

(22) 5 Mar/mar 2003 (05.03.2003)

(25) en (26) en

(30) 02388023.0 22 Mar/mar 2002 EP
(22.03.2002)(30) 60/369,821 3 Apr/avr 2002 US
(03.04.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ENTERING TEXT INTO AN ELECTRONIC COMMUNICATIONS DEVICE

- ENTREE DE TEXTE DANS UN DISPOSITIF DE COMMUNICATIONS ELECTRONIQUES
- (71) **SONY ERICSSON MOBILE COMMUNICATIONS AB** [SE/SE]; S-221 88 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **UNRUH, Erland** [SE/SE]; Ola Hanssonsgatan 3B, S-217 59 Malmö (SE).
- (74) **ZACCO DENMARK 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 MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F**
(11) **WO 03/081368** (13) A2
(21) PCT/EP03/02757
(22) **17 Mar/mar 2003 (17.03.2003)**
(25) de (26) de
(30) 102 12 890.1 **22 Mar/mar 2002 DE (22.03.2002)**
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DOCUMENT PROCESSING ORDER MANAGEMENT SYSTEM, METHOD FOR MANAGING DOCUMENT PROCESSING ORDERS AND SOFTWARE PRODUCT FOR CARRYING OUT SAID METHOD
• SYSTEME DE GESTION D'ORDRES DE TRAITEMENT DE DOCUMENTS, PROCÉDE POUR GERER DES ORDRES DE TRAITEMENT DE DOCUMENTS ET LOGICIEL POUR APPLIQUER CE PROCÉDE
- (71) **OCE PRINTING SYSTEMS GMBH** [DE/DE]; Siemensallee 2, 85586 Poing (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BODART, Jean-Marc** [BE/BE]; Cours de Cramignon, 27, B-1348 Louvain-La-Neuve (BE).
- (74) **SCHAUMBURG, Karl-Heinz et al.** / etc.; Postfach 86 07 48, 81634 München (DE).
- (81) CN JP SG US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ **G06F**
(11) **WO 03/081369** (13) A2
(21) PCT/EP03/03155
(22) **26 Mar/mar 2003 (26.03.2003)**
(25) de (26) de
(30) 102 13 735.8 **26 Mar/mar 2002 DE (26.03.2002)**
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND DEVICE FOR COMPARING THE PROPERTIES OF PRODUCTS
• PROCÉDE ET DISPOSITIF DE VERIFICATION DES PROPRIETES DE PRODUITS
- (71, 72) **CAKIRAL, Sabhattin** [DE/DE]; Schwarzer Weg 9, 64287 Darmstadt (DE).
- (74) **2K PATENTANWÄLTE KEWITZ & KOLLEGEN**; Corneliusstr. 18, 60325 Frankfurt a. M. (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F**
(11) **WO 03/081370** (13) A2
(21) PCT/IB03/01007
(22) **20 Mar/mar 2003 (20.03.2003)**
(25) en (26) en
(30) UD2002A000070 **21 Mar/mar 2002 IT (21.03.2002)**
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD TO RECOGNIZE CLASSIFIABLE OBJECTS, SUCH AS VEGETABLE OR ANIMAL ORGANISMS, MINERALS OR OTHERWISE
• PROCÉDE POUR IDENTIFIER DES OBJETS POUVANT ETRE CLASSIFIES TELS QUE DES ORGANISMES VEGETAUX OU ANIMAUX, DES MINÉRAUX ET AUTRES
- (71) **UNIVERSITA' DEGLI STUDI DI TRIESTE** [IT/IT]; Piazzale Europa, 1, I-34127 Trieste (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MARTELLO, Stefano** [IT/IT]; Via Decima, 46, I-34030 Romans d'Isonzo (IT).
- (74) **PETRAZ, Gilberto**; GLP Srl, Piazzale Cavedalis, 6/2, I-33100 Udine (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F**
(11) **WO 03/081371** (13) A2
(21) PCT/IB03/01696
(22) **21 Mar/mar 2003 (21.03.2003)**
(25) en (26) en
(30) 60/367,397 **21 Mar/mar 2002 US (21.03.2002)**
(30) 10/307,905 **2 Dec/déc 2002 US (02.12.2002)**
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • GOAL MANAGEMENT
- (71) **ZINKLER, Franz et al.** / etc.; Patentanwälte, Schoppe, Zimmermann, Stöckeler & Zinkler, Postfach 246, 82043 Pullach bei 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

• GESTION DES BUTS

(71) **SAP AKTIENGESELLSCHAFT** [DE/DE]; Intellectual Property Department, Neurröttstrasse 16, D-69190 Walldorf (DE).

(72) **KALTHOFF, Wolfgang**; Max-Reger-Ring 27, D-76669 Bad Schonborn (DE). **VOGT, Thomas**; Dr. Rieth-Str. 73, D-67354 Romerberg (DE). **HUBER, Guenter**; Jorg von Schauenburg Strasse 6, D-77704 Oberkirch (DE). **HOECKELE, Guido**; Panoramastrasse 20, D-75438 Knittlingen (DE). **CATIC, Amra**; Kapellenstr. 36, D-76131 Karlsruhe (DE). **POLLY, Adam**; Steinweg 34, D-76297 Stutensee-Blankenloch (DE).

(74) **SCHIUMA, Daniele**; Müller-Boré & Partner, Grafinger Strasse 2, 81671 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 MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) **WO 03/081372** (13) A2

(21) PCT/IB03/01877

(22) **21 Mar/mar 2003 (21.03.2003)**

(25) en (26) en

(30) 60/367,397 **21 Mar/mar 2002 US (21.03.2002)**

(30) 10/328,761 **23 Dec/déc 2002 US (23.12.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CHANGE MANAGEMENT

• GESTION DES CHANGEMENTS

(71) **SAP AKTIENGESELLSCHAFT** [DE/DE]; Intellectual Property Department, Neurröttstrasse 16, D-69190 Walldorf (DE).

(72) **KALTHOFF, Wolfgang**; Max-Reger-Ring 27, D-76669 Bad Schonborn (DE). **VOGT, Thomas**; Dr. Rieth-Str. 73, D-67354 Romerberg (DE). **HUBER, Guenter**; Jorg von Schauenburg Strasse 6, D-77704 Oberkirch (DE). **HOECKELE, Guido**; Panoramastrasse 20, D-75438 Knittlingen (DE). **KOCH, Beate**; Hauaeckerstr. 19, D-70771 Leinfelden-Echterdingen (DE).

(74) **SCHIUMA, Daniele**; Müller-Boré & Partner, Grafinger Strasse 2, 81671 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 MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) **WO 03/081373** (13) A2

(21) PCT/IB03/00909

(22) **11 Mar/mar 2003 (11.03.2003)**

(25) en (26) en

(30) 10/101,688 **21 Mar/mar 2002 US (21.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SERVICE/DEVICE INDICATION WITH GRAPHICAL INTERFACE

• INDICATION DE SERVICES/DISPOSITIFS A INTERFACE GRAPHIQUE

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). **NOKIA INC.** [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).

(72) **AHOLAINEN, Markus**; Routakuja 4B, FIN-33960 Pirkkala (FI). **PALIN, Arto**; Myllykoluntie 5 B 9, FIN-37560 Lempää (FI).

(74) **HOEL, John, E.**; Morgan & Finnegan, LLP, 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 MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) **WO 03/081374** (13) A2

(21) PCT/IL02/00242

(22) **25 Mar/mar 2002 (25.03.2002)**

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYSTEM AND METHOD FOR MAKING AVAILABLE IDENTICAL RANDOM DATA TO SEPARATE AND REMOTE PARTIES

• SYSTEME ET PROCEDE DESTINES A METTRE A LA DISPOSITION D'UTILISATEURS SEPARES ET DISTANTS DES DONNEES ALEATOIRES IDENTIQUES

(71) **KING GREEN LTD.** [IL/IL]; P.O. Box 321, 20 600 Moshava Yokneam (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YANOVSKY, Eli** [IL/IL]; 9 Harduf Street, 34 747 Haifa (IL).

(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 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 HU 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)⁷ G06F

(11) **WO 03/081375** (13) A2

(21) PCT/KR03/00585

(22) **25 Mar/mar 2003 (25.03.2003)**

(25) ko (26) en

(30) 10-2002-0016420 **26 Mar/mar 2002 KR (26.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYSTEM AND METHOD FOR REAL TIME CONTROLLING A WEB PAGE

• SYSTEME ET PROCEDE POUR LA COMMANDE D'UNE PAGE WEB EN TEMPS REEL

(71, 72) **MOON, Jee Hwan** [KR/KR]; #102-902, Lucky Hana Apartment, Sinsung-dong, Yousung-gu, 305-721 Daejeon (KR).

(72, 75) **KOOK, Je Min** [KR/KR]; #601-1503, Eunbit Maeul, Hwajeong-dong, Deokyang-gu, Goyang-si, 412-748 Kyunggi-do (KR).

(74) **LEE, Ji-Yeon**; 401, 898-16, Daechi-dong, Gangnam-gu, 135-840 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 MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) **WO 03/081376** (13) A2

(21) PCT/US02/25957

(22) **3 Sep/sep 2002 (03.09.2002)**

(25) en (26) en

(30) 60/365,546 **20 Mar/mar 2002 US (20.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TARGETED INCENTIVES BASED UPON PREDICTED BEHAVIOR

• STIMULATIONS CIBLEES SE BASANT SUR UN COMPORTEMENT PREDIT

- (71) CATALINA MARKETING INTERNATIONAL INC. [US/US]; 200 Carillon Parkway, St. Petersburg, FL 33716 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DAVIS, Mark [US/US]; 3170 Shoreline Drive, Clearwater, FL 33760 (US).
- (74) NEIFELD IP LAW, PC; 2001 Jefferson Davis Highway, Suite 1001, Arlington, VA 22202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 03/081377 (13) A2
- (21) PCT/US02/40616
- (22) 18 Dec/déc 2002 (18.12.2002)
- (25) en (26) en
- (30) 10/026,848 21 Dec/déc 2001 US (21.12.2001)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHODS OF EXCHANGING SECURE MESSAGES
• PROCEDES D'ECHANGE DE MESSAGES SECURISE
- (71) ESIGNX CORPORATION [US/US]; 19925 Stevens Creek Boulevard #109, Cupertino, CA 95014 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WANG, Ynjiun, P. [US/US]; 10127 Linda Ann Place, Cupertino, CA 95014 (US).
- (74) SHERIDAN, James, A. et al. / etc.; Moser, Patterson & Sheridan, L.L.P., 350 Cambridge Avenue, Suite 250, Palo Alto, CA 94306 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR 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).
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- (51)⁷ G06F
- (11) WO 03/081378 (13) A2
- (21) PCT/US03/10086
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 10/102,473 20 Mar/mar 2002 US (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • BEVERAGE DISPENSING SYSTEM
• DISTRIBUTEUR DE BOISSONS
- (63) US 10/102,473 (CON) 20 Mar/mar 2002 (20.03.2002)
- (71, 72) ARELLANO, Martin [US/US]; 38 Franklin Court, Garden City, NY 11530 (US).
- (74) ORTEGA, Arthur; Fish & Richardson P.C., 45 Rockefeller Plaza, Suite 2800, New York, NY 10111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 03/081379 (13) A2
- (21) PCT/US03/04310
- (22) 13 Feb/fév 2003 (13.02.2003)
- (25) en (26) en
- (30) 10/103,382 21 Mar/mar 2002 US (21.03.2002)
- (30) 10/272,023 16 Oct/oct 2002 US (16.10.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SURGICAL SYSTEM
• SYSTEME CHIRURGICAL
- (71) ALCON, INC. [CH/CH]; Bosch 69, P.O. Box 62, CH-6331 Hünenberg (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOUKHNY, Mikhail [RU/US]; 174 Emerald Bay, Laguna Beach, CA 92651 (US). DACQUAY, Bruno [US/US]; 3 Candlebush, Irvine, CA 92612 (US). FANNEY, Douglas, M. [US/US]; 109 Arista, San Clemente, CA 92673 (US). SOUTHARD, Michael, A. [US/US]; 6528 Virginia Square, Arlington, TX 76017 (US). THOE, David [US/US]; 30 Cameo Drive, Aliso Viejo, CA 92656 (US).
- (74) SCHIRA, Jeffrey, S. et al. / etc.; Alcon Research, Ltd., 6201 S. Freeway, Q-148, Fort Worth, TX 76134-2099 (US).
- (81) AU BR CA IL JP MX US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
-
- (51)⁷ G06F
- (11) WO 03/081380 (13) A2
- (21) PCT/US03/05675
- (22) 24 Feb/fév 2003 (24.02.2003)
- (25) en (26) en
- (30) 10/101,764 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SYSTEM AND METHOD FOR SYNCHRONIZING INTERACTION OF A COMMUNICATION NETWORK WITH A BROADCASTING NETWORK
• SYSTEME ET PROCEDE DE SYNCHRONISATION D'INTERACTION D'UN RESEAU DE COMMUNICATION AVEC UN RESEAU DE DIFFUSION
- (71) MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) PAULO, Daniel Leonard; 1603 Stone Court, Keller, TX 76248 (US). PIETTE, Matthew Richard; 12134 Stirrup Road, Reston, VA 20191 (US). PYSKIR, Bohdan Myron; 654 Chesterfield Avenue, Naperville, IL 60540 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 03/081381 (13) A2
- (21) PCT/US03/07646
- (22) 13 Mar/mar 2003 (13.03.2003)
- (25) en (26) en
- (30) 10/101,644 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • APPARATUS AND METHODS FOR PROVIDING CAREER AND EMPLOYMENT SERVICES
• APPAREIL ET PROCEDES DE MISE EN OEUVRE DE SERVICES DE CARRIERE ET D'EMPLOI
- (71, 72) VIANELLO, Marc [US/US]; 6701 West 64th Street, Suite 315, Overland Park, KS 66202 (US).
- (74) ELLIOTT, Kyle; BLACKWELL SANDERS PEPER MARTIN LLP, 9401 Indian Creek Parkway, Suite 1200, Overland Park, KS 66210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/081382 (13) A2

(21) PCT/US03/07677

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 60/365,978 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD OF PROVIDING COMPENSATION TO INTERNET CONTENT PROVIDERS

• PROCEDE D'ATTRIBUTION DE COMPENSATION A DES FOURNISSEURS DE CONTENU INTERNET

(71) CONTENT COMPENSATION AGENCY INC. [US/US]; Fash Law Offices, 629 East Boca Raton Road, Phoenix, AZ 85022 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERGLOF, Staffan [SE/SE]; P.O. Box 555 78, S-102 04 Stockholm (SE).

(74) FASTH, Rolf; Fash Law Offices, 629 East Boca Raton Road, Phoenix, AZ 85022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/081383 (13) A2

(21) PCT/US03/07732

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 60/365,347 18 Mar/mar 2002 US (18.03.2002)

(30) 10/246,263 18 Sep/sep 2002 US (18.09.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR INDICATING THE PRESENCE OF A WIRELESS LOCAL AREA NETWORK BY DETECTING ENERGY FLUCTUATIONS

• PROCEDE ET APPAREIL POURVANT INDIQUER LA PRESENCE D'UN RESEAU LOCAL SANS FIL PAR DETECTION DE VARIATIONS D'ENERGIE

(71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GILBERT, Philippe [FR/US]; 24 Stonewall Circle, Princeton, NJ 08540 (US). LITWIN, Louis, Robert [US/US]; 34-14 Quail Ridge Drive, Plainsboro, NJ 08536 (US). WANG, Charles, Chuanming [US/US]; 1504 Spearmint Circle, Jamison, PA 18929 (US). RAMASWAMY, Kumar [IN/US]; 7701 TAMARRON DRIVE, PLAINSBORO, NJ 08536 (US). KNUTSON, Paul, Gothard [US/US]; 5 Huron Way, Lawrenceville, NJ 08648 (US). GAO, Wen [CN/US]; 2121 Quail Ridge Drive, Plainsboro, NJ 08536 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; c/o THOMSON multimedia Licensing Inc., 2 Independence Way Suite 2, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/081384 (13) A2

(21) PCT/US03/07805

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 10/104,585 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HEALTH CARE MONITORING SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE SUIVI DE SOINS DE SANTE

(63) US 10/104,585 (CON) 21 Mar/mar 2002 (21.03.2002)

(71) LIFEVINE, INC. [US/US]; 11766 Treadwell Drive, Poway, CA 92064 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SON, William, Y. [US/US]; 11766 Treadwell Drive, Poway, CA 92064 (US).

(74) ALBERT, Jr., Peter. G. 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/081385 (13) A2

(21) PCT/US03/08177

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 10/100,561 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYSTEM AND METHOD FOR ON-LINE TRAINING OF A NON-LINEAR MODEL FOR USE IN ELECTRONIC COMMERCE

• SYSTEME ET PROCEDE D'ENTRAINEMENT EN LIGNE D'UN MODELE NON LINEAIRE DESTINE A ETRE UTILISE DANS LE COMMERCE ELECTRONIQUE

(71) PAVILION TECHNOLOGIES, INC. [US/US]; 11100 Metric Boulevard, Suite 700, Austin, TX 78758 (US).

(72) FERGUSON, Bruce; 903 Morning View Place, Round Rock, TX 78664 (US). HARTMAN, Eric; 12703 Foxhound Cove, Austin, TX 78729 (US).

(74) MEYERTONS, HOOD, KIVLIN, KOWERT & GOETZEL, P.C.; HOOD, Jeffrey C., P.O. Box 398, Austin, TX 78767-0398 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/081386 (13) A2

(21) PCT/US03/08209

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 10/100,028 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYSTEM AND METHOD FOR STORING INFORMATION ON A WIRELESS DEVICE

• SYSTEME ET PROCEDE POUR LE STOCKAGE D'INFORMATIONS SUR UN DISPOSITIF SANS FIL

(71) GOMED, LLC [US/US]; 11726 San Vicente Blvd, Suite 420, Los Angeles, CA 90049 (US).

(72) ZELTZER, Paul, M.; 5041 Valjean Avenue, Encino, CA 91436 (US). KLETTER, Richard; 839 Superba Avenue, Venice, CA

- 90291 (US). **DONOVAN, Mark, C.**; 10525 Ayres Avenue, Los Angeles, CA 90064 (US). **STAFFORD, Jed**; 6528 Francis Avenue, North, Seattle, WA 98103 (US). **FEINLEIB, David**; 65 Kirkland Avenue #313, Kirkland, WA 98033 (US). **DEITZ, Geoffrey** (deceased / décédé).
- (74) **YOHANNAN, David, R.**; Collier Shannon Scott, 3050 K Street, NW, Suite 400, Washington, DC 20007 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
(11) **WO 03/081388** (13) A2
(21) PCT/US03/08296
(22) **17 Mar/mar 2003 (17.03.2003)**
(25) en (26) en
(30) 60/364,807 **16 Mar/mar 2002 US (16.03.2002)**
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD, SYSTEM, AND PROGRAM FOR AN IMPROVED ENTERPRISE SPATIAL SYSTEM
• PROCEDE, SYSTEME ET LOGICIEL POUR UN SYSTEME SPATIAL AMELIORE D'ENTREPRISE
- (71) **QUESTERRA CORPORATION** [US/US]; MeadWestvaco Corporation, 5255 Virginia Avenue, Charleston, SC 29423-8005 (US).
- (72) **DYRNAES, David, N.**; 168 Lessay, Newport Coast, CA 92657 (US). **VON KAENEL, Tim, A.**; 12 Lakeview Drive, Coto de Caza, CA 92679 (US). **GOODWIN, Jonathan, D.**; 30826 Calle Barbosa, Laguna Niguel, CA 92677 (US). **WAYMAN, Jared, P.**; 29422 Vista Plaza Drive, Laguna Niguel, CA 92677 (US). **KUMAR, C, Suresh**; 6 Blue Spruce Drive, Ladera Ranch, CA 92694 (US). **TRIVELPIECE, Craig, E.**; 124-B 46TH sTREET, Newport Beach, CA 92663 (US). **MIHALICH, Joseph**; 51 Tradition Lane, Rancho Santa Margarita, CA 92688 (US). **JENKINS, Anthony, P.**; 2 Heartwood Way, Aliso Viejo, CA 92656 (US). **STIER, Mark, A.**; 28341 La Bajada Laguna, Niguel, CA 92677 (US). **ODOM, Richard, H, Jr.**; 2303 Whipoorwill Road, Charlottesville, VA 22901 (US).
- (74) **MCDANIEL, Terry, B et al. / etc.**; Westvaco Corporation, 5255 Virginia Avenue, Charleston, SC 29423-8005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
(11) **WO 03/081387** (13) A2
(21) PCT/US03/08221
(22) **18 Mar/mar 2003 (18.03.2003)**
(25) en (26) en
(30) 60/364,743 **18 Mar/mar 2002 US (18.03.2002)**
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COMPUTER ASSISTED AND/OR IMPLEMENTED PROCESS AND SYSTEM FOR MANAGING AND/OR PROVIDING A MEDICAL INFORMATION PORTAL FOR HEALTHCARE PROVIDERS
• PROCEDE ET SYSTEME ASSISTE OU MIS EN OEUVRE PAR ORDINATEUR PERMETTANT LA GESTION ET/OU LA FOURNITURE D'UN PORTAL D'INFORMATION MEDICALE DESTINE A DES PRESTATAIRES DE SOINS
- (71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, RY 60-30, Rahway, NJ 07065-0907 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHRAMM-APPLE, Susan** [US/US]; 700 Church Road, Hatfield, PA 19440 (US). **DIPPOLD, Sean** [US/US]; 178 Mill Road, Schwenksville, PA 19473 (US). **KITTRELL, Melanie** [US/US]; 1851 Dillon Road, Maple Glen, PA 19002 (US). **BAUER, Keith** [US/US]; 361 High Street, Souderton, PA 18964 (US). **MOORE, Lori** [US/US]; 2144 Basswood Drive, Lafayette Hill, PA 19444 (US).
- (74) **DONNER, Irah, H. et al. / etc.**; Hale & Dorr LLP, The Willard Office Building, 1455 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
(11) **WO 03/081389** (13) A2
(21) PCT/US03/08612
(22) **20 Mar/mar 2003 (20.03.2003)**
(25) en (26) en
(30) 60/366,474 **20 Mar/mar 2002 US (20.03.2002)**
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • VISUAL APPLICATION DEVELOPMENT SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE MISE EN POINT D'UNE APPLICATION VISUELLE
- (71) **GAMEWORLD.COM** [US/US]; 607 N. Holliston Ave., Suite C, Pasadena, CA 91106 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GREENSAGE, John, A.** [US/US]; 607 N. Holliston Ave., Suite C, Pasadena, CA 91106 (US). **HARTER, Wood, W.** [US/US]; 338 E. Palmyra Ave., Orange, CA 92866 (US). **GORDON, Greg** [US/US]; 4200 S.W. 197th Ave., Apt. #106, Beaverton, OR 97005 (US).
- (74) **ALBERT, Peter, G., Jr.**; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
(11) **WO 03/081390** (13) A2
(21) PCT/US03/08625
(22) **19 Mar/mar 2003 (19.03.2003)**
(25) en (26) en
(30) 60/365,894 **20 Mar/mar 2002 US (20.03.2002)**
(30) 10/261,290 **30 Sep/sep 2002 US (30.09.2002)**
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • GLOBAL IP ADMINISTRATION PROCESS, SYSTEM & APPARATUS
• PROCEDE, SYSTEME ET APPAREIL D'ADMINISTRATION MONDIALE DE LA PROPRIETE INTELLECTUELLE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 Munchen (DE). **SIEMENS CORPORATE RESEARCH, INC.** [US/US]; 755 College Road East, Princeton, NJ 08540 (US).
- (72) **WIEDEMANN, Albert**; Aidenbachstr. 136, 81479 Munich (DE). **PIRGSTALLER, Peter**; Rudelsburgstr. 2, 81375 Munich (DE). **ZINKE, Thomas**; Weheltsteig 10, 13629 Berlin (DE). **HASHUBER, Anna**; Meister-Mathis-Weg 1, 80686 Munich (DE). **MILZAREK, Bernd**; Frankenstrasse 24, 91336 Heroldsbach (DE).
- (74) **WALLACE, Michael J. et al. / etc.**; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

- HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
(11) WO 03/081391 (13) A2
(21) PCT/US03/08628
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 60/365,820 19 Mar/mar 2002 US (19.03.2002)
(30) 60/378,805 7 May/mai 2002 US (07.05.2002)
(30) 60/411,435 17 Sep/sep 2002 US (17.09.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • LOCATION BASED SERVICE PROVIDER
• FOURNISSEUR DE SERVICES EN FONCTION DE LA POSITION
(71) MAPINFO CORPORATION [US/US]; One Global View, Troy, NY 12180 (US). *(for all designated States except / pour tous les États désignés sauf US)*
(72, 75) MOON, George, C. [CA/CA]; 53 Briardale Place, Aurora, ON (CA). MATTHEW, Tweedie [US/US]; One Global View, Troy, NY 12180 (US). DOVE, John [US/US]; One Global View, Troy, NY 12180 (US). DEWALD, Edward [US/US]; One Global View, Troy, NY 12180 (US). LI, Xiang [CN/CA]; 1900 Sheppard Avenue East, North York, ON M2J 4T4 (CA). PETRONIS, Scott [US/US]; 34 Hadel Road, Glenville, NY 12302 (US). BERRILL, Arthur, R. [AU/CA]; 10 Goodwood Street, Goodwood, ON L0C 1A0 (CA). LEA, Tony [CA/CA]; 212 Southerln Drive, East York, ON M4G 1J2 (CA).
(74) LEBOWITZ, Henry, C.; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
(11) WO 03/081392 (13) A2
(21) PCT/US03/08698
(22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
(30) 60/366,385 21 Mar/mar 2002 US (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • GRAPHICAL SYSTEM CONFIGURATION PROGRAM FOR MATERIAL HANDLING
• PROGRAMME DE CONFIGURATION DE SYSTEME GRAPHIQUE POUR MANUTENTION DE MATERIEL
(71) RAPISTAN SYSTEM ADVERTISING CORP. [US/US]; 507 Plymouth Ave, NE, Grand Rapids, MI 49505 (US).
(72) JOHNSON, James; 9305 Millpond Trail, Whitehall, MI 49461 (US). KOFF, Garry; 3828 Oak Tree Street SE, Grand Rapids, MI 49546 (US). WERNER, Matt; 7725 Whitburn Drive SE, Ada, MI 49301 (US).
(74) GOSKA, Matt; Van Dyke, Gardner, Linn & Burkhardt, LLP, 2851 Charlevoix Drive SE, Suite 207, P.O. Box 888695, Grand Rapids, MI 49588 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
(11) WO 03/081393 (13) A2
(21) PCT/US03/08730
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 10/103,639 20 Mar/mar 2002 US (20.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • TAXONOMY BASED USER INTERFACE FOR MERCHANT COMPARISON IN ELECTRONIC COMMERCE SYSTEM
• INTERFACE UTILISATEUR BASEE SUR LA TAXONOMIE PERMETTANT D'ETABLIR DES COMPARAISONS MARCHANDES DANS UN SYSTEME DE COMMERCE ELECTRONIQUE
(71) AMERICA ONLINE INCORPORATED [US/US]; 22000 AOL Way, Dulles, VA 20166 (US).
(72) HUANG, Jun; 2974 Mary Caroline Court, San Jose, CA 95133 (US).
(74) GLEEN, Michael, A. et al. / etc.; Suite L, 3475 Edison Way, 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 NI NO NZ OM PH PL PT
- RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
(11) WO 03/081394 (13) A2
(21) PCT/US03/08857
(22) 21 Mar/mar 2003 (21.03.2003)
(25) en (26) en
(30) 10/103,659 21 Mar/mar 2002 US (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METER MONITORING AND TAMPER PROTECTION SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE SURVEILLANCE DE COMPTEUR ET DE PROTECTION CONTRE LA FRAUDE
(71) ENGAGE NETWORKS, INC. [US/US]; 1320 North Martin Luther King Jr. Drive, River Level, Milwaukee, WI 53212 (US). *(for all designated States except / pour tous les États désignés sauf US)*
(72, 75) GILGENBACH, Alan, M. [US/US]; W238 N1065 Sherwood Drive, Waukesha, WI 53188 (US). ARMBRUST, Richard [US/US]; 2045 Derrin Lane, Brookfield, WI 53945 (US). COLLINS, Daniel, J. [US/US]; 4811 West Parkview Drive, Mequon, WI 53902 (US). CONGILIARO, James, P. [US/US]; 3461 North Maryland Avenue, Milwaukee, WI 53211 (US). ZINGSHEIM, Jeffrey [US/US]; 3916 West Jerelin Drive, Franklin, WI 53132 (US). BECK, Timothy, A. [US/US]; 3224 West 5 Mile Road, Caledonia, WI 53108 (US). VENKATESH, Usha, H. [US/US]; Apartment #2, 4400 North Wilson Drive, Milwaukee, WI 53211 (US). AIKEN, Andrew, H. [US/US]; 839 North Marshall, Milwaukee, WI 53202 (US). DUNAHEE, Kenneth, G. [US/US]; 5750 South 43rd Street, Greenfield, WI 53220 (US).
(74) FELLOWS, Gerald, L. et al. / etc.; Michael Best & Friedrich LLP, Suite 3300, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(11) WO 03/081395 (13) A2
(21) PCT/US03/08875

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 (30) 10/104,884 **21 Mar/mar 2002 US (21.03.2002)**
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • METHOD AND APPARATUS FOR ESTABLISHING AND SHARING A VIRTUAL CHANGE NOTIFICATION LIST AMONG A PLURALITY OF PEER NODES
 • PROCEDE ET APPAREIL PERMETTANT D'ETABLIR ET DE REPARTIR UNE LISTE VIRTUELLE DE NOTIFICATION DE CHANGEMENT ENTRE UNE PLURALITE DE NOEUDS HOMOLOGUES
 (71) PLURIS, INC. [US/US]; 10455 Bandley Drive, Cupertino, CA 95014 (US).
 (72) BASTURK, Erol; 10246 Will Court, Cupertino, CA 95014 (US). MENEZES, Vivek; 1562 Cypress Avenue, Burlingame, CA 94010 (US).
 (74) BOYS, Donald, R.; Central Coast Patent Agency, Inc., P.O. Box 187, Aromas, CA 95004 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (11) WO 03/081396 (13) A1
 (21) PCT/DE03/00900
 (22) **19 Mar/mar 2003 (19.03.2003)**
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 (30) 102 13 351.4 **26 Mar/mar 2002 DE (26.03.2002)**
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • DISCONNECTING DEVICE FOR COMMUNICATIONS CONNECTIONS
 • DISPOSITIF DE SEPARATION POUR CONNEXIONS DE COMMUNICATION
 (71, 72) BÄDER, Ünal [TR/DE]; Im Gänswasen 104, 73669 Lichtenwald (DE).
 (74) RÜGER, BARTHELT & ABEL; Webergasse 3, 73728 Esslingen (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- CI CM GA GN GQ GW ML MR NE SN TD TG).
 Published / Publiée : (c)
 (51)⁷ G06F 1/00
 (11) WO 03/081397 (13) A2
 (21) PCT/EP03/02314
 (22) **6 Mar/mar 2003 (06.03.2003)**
 (25) en (26) en
 (30) 02006935.7 **26 Mar/mar 2002 EP (26.03.2002)**
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • A METHOD OF PROTECTING THE INTEGRITY OF A COMPUTER PROGRAM
 • TECHNIQUE DE PROTECTION DE L'INTEGRITE D'UN PROGRAMME INFORMATIQUE
 (71) SOTERES GMBH [DE/DE]; Bergstrasse 81, 44791 Bochum (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) ZISOWSKI, Frank [DE/DE]; Bergstrasse 81, 44791 Bochum (DE).
 (74) BETTEN & RESCH; Theatinerstrasse 8, 80333 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 1/00
 (11) WO 03/081398 (13) A2
 (21) PCT/EP03/02974
 (22) **21 Mar/mar 2003 (21.03.2003)**
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 (30) 102 13 268.2 **25 Mar/mar 2002 DE (25.03.2002)**
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • DEVICE AND METHOD FOR SECURELY LOADING USEFUL DATA
 • DISPOSITIF ET PROCEDE DE CHARGEMENT SECURISE DE DONNEES UTILES
 (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) ELBE, Astrid [DE/DE]; Am Stadtpark 40B, 81243 München (DE). FISCHER, Wieland [DE/DE]; Müllerstr. 11, 80469 München (DE). JANSSEN, Norbert [DE/DE]; Innere Wiener Str. 13A, 81667 München (DE). RÖMER, Tanja [DE/DE]; Stroblstr. 21, 80686 München (DE).
 (DE). SEDLAK, Holger [DE/DE]; Neumünster 10A, 85658 Eggening (DE). SEIFERT, Jean-Pierre [DE/DE]; Harsdörfer Str. 1, 81669 München (DE).
 (74) ZINKLER, Franz et al. / etc.; Schoppe, Zimmermann, Stöckeler & Zinkler, Postfach 246, 82043 Pullach bei 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 1/00, 9/06, 17/60
 (11) WO 03/081399 (13) A1
 (21) PCT/JP02/02771
 (22) **22 Mar/mar 2002 (22.03.2002)**
 (25) ja (26) ja
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • RENTAL PROGRAM MANAGEMENT SYSTEM
 • SYSTÈME DE GESTION D'UN PROGRAMME DE LOCATION
 (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) KOYAMA, Ichiro [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). IGARASHI, Wataru [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
 (74) OSUGA, Yoshiyuki; 3rd Fl. Nibancho Bldg., 8-20, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).
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 (21) PCT/US03/07839
 (22) **14 Mar/mar 2003 (14.03.2003)**
 (25) en (26) en
 (30) 10/100,462 **18 Mar/mar 2002 US (18.03.2002)**
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • INTEGRATED CIRCUIT SECURITY AND METHOD THEREFOR
 • SYSTEME DE SECURITE DE CIRCUIT INTEGRE ET PROCEDE DE SECURITE
 (71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
 (72) MOYER, William, C.; 1005 Pier Branch Road, Dripping Springs, TX 78620 (US).

- FITZSIMMONS, Michael, D.; 7700 North Capital of Texas #723, Austin, TX 78731 (US).
- (74) PICKENS, S., Kevin; Corporate Law Department, Intellectual Property Section, 7700 West Parmer Lane, MD: TX32/PL02, Austin, TX 78729 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 1/00
 (11) WO 03/081401 (13) A2
 (21) PCT/US03/08390
 (22) 17 Mar/mar 2003 (17.03.2003)
 (25) en (26) en
 (30) 10/101,303 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND APPARATUS FOR DYNAMIC PERSONAL IDENTIFICATION NUMBER MANAGEMENT
 • PROCEDE ET DISPOSITIF DE GESTION DYNAMIQUE DE NUMERO D'IDENTIFICATION PERSONNEL
- (71) SUN MICROSYSTEMS, INC. [US/US]; 4120 Network Circle, M/S USCA 12-203, Santa Clara, CA 95054 (US).
- (72) DE JONG, Edward; 522 S. Fremont Street, San Mateo, CA 94402 (US).
- (74) RITCHIE, David, B. et al. / etc.; Thelen Reid & Priest, LLP, P.O. Box 640640, San Jose, CA 95164-0640 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 1/04, G09G 5/00
 (11) WO 03/081402 (13) A1
 (21) PCT/JP03/03466
 (22) 20 Mar/mar 2003 (20.03.2003)
 (25) ja (26) ja
 (30) 2002-085162 26 Mar/mar 2002 JP (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • GRAPHICS PROCESSING APPARATUS
 • APPAREIL DE TRAITEMENT GRAPHIQUE
- (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) TORII, Akira [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). KATO, Yoshiyuki [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). KAMEYAMA, Masatoshi [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). KAWAI, Hiroyuki [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
- (74) TAZAWA, Hiroaki et al. / etc.; 7F, Daito Bldg., 7-1, Kasumigaseki 3-Chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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 (11) WO 03/081403 (13) A1
 (21) PCT/FR03/00847
 (22) 17 Mar/mar 2003 (17.03.2003)
 (25) fr (26) fr
 (30) 02/03566 21 Mar/mar 2002 FR (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DETACHABLE COMPUTER WITH DETACHABLE ELEMENTS
 • ORDINATEUR PORTABLE A ÉLÉMENT DÉTACHABLES
- (71) KAITANDJIAN, Michel [FR/FR]; 10 rue Madame, F-7800 Versailles (FR).
- (72) ALLORY, Stéphane; 10 rue Madame, F-78000 Versailles (FR). ALLORY, Alban; 10 rue Madame, F-78000 Versailles (FR). JACOBS, Clemantine; 10 rue Madame, F-78000 (FR).
- (74) CHRISTIAN, Célianie; Cabinet Célianie, 13 Route de la Minière, Bp 214, F-78000 Versailles (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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 (11) WO 03/081404 (13) A2
 (21) PCT/GB03/01288
 (22) 26 Mar/mar 2003 (26.03.2003)
 (25) en (26) en
- (30) 0207136.3 26 Mar/mar 2002 GB (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SOFT SCREEN WORKBOOK
 • ECRAN TACTILE FORMANT LIVRE
- (71, 72) WADIE, Iain, Hugh, Charles [GB/GB]; Flat 1, 96 Seymour Place, London W1H 1NB (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 1/16, A47B 17/00
 (11) WO 03/081405 (13) A1
 (21) PCT/US03/08728
 (22) 20 Mar/mar 2003 (20.03.2003)
 (25) en (26) en
 (30) 10/104,581 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COMPUTER TRANSPORTER IN A DRAWER
 • SUPPORT DE TRANSPORT D'ORDINATEUR LOGE DANS UN TIROIR
- (71) ACCELERATED PERFORMANCE, INC. [US/US]; Suite B, 32236 Paseo Adelanto, San Juan Capistrano, CA 92675 (US).
- (72) ZODNIK, Richard; 31152 Calle Entradero, San Juan Capistrano, CA 92675 (US).
- (74) YORKS, Ben, J.; Irell & Manella LLP, Suite 400, 840 Newport Center Drive, 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 NI NO NZ PL PT RO RU SD SE SG 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ G06F 1/20
 (11) WO 03/081406 (13) A1
 (21) PCT/KR02/00783
 (22) 26 Apr/avr 2002 (26.04.2002)

- (25) en (26) en
- (30) 2002/15663 **22 Mar/mar 2002** KR
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COOLING SYSTEM FOR COMPUTER PARTS USING THERMOELECTRIC ELEMENTS
• SYSTEME DE REFRIGERATION POUR PARTIES D'ORDINATEUR METTANT EN OEUVRE DES ELEMENTS THERMOELECTRIQUES
- (71) **EC TECH CO., LTD.** [KR/KR]; 434-14 Shindang-dong, Chonan-city, Chungnam 330-280 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEE, Kang-Young** [KR/KR]; 803 107-dong, Sunggebyucksan APT, 3-3 Shinwol-ri, Sunggeo-eup, Chonan-city, Chungnam 330-835 (KR). **KIM, Young-Ho** [KR/KR]; 904 318-dong, 3-danji APT, Unam Ju Gong, 779-1, Busan-dong, Osan-city, Kyoungki 447-719 (KR).
- (74) **KIM, Dong-Jin**; 3rd Fl. Seonggok Bldg., 823-22 Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 1/26
- (11) **WO 03/081407** (13) A1
- (21) PCT/FI03/00233
- (22) **26 Mar/mar 2003 (26.03.2003)**
- (25) en (26) en
- (30) 20020594 **27 Mar/mar 2002** FI
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A METHOD AND A SYSTEM FOR DETERMINING THE POWER CONSUMPTION IN CONNECTION WITH AN ELECTRONIC DEVICE, AND AN ELECTRONIC DEVICE
• PROCEDE ET SYSTEME POUR DETERMINER LA CONSOMMATION DE COURANT LIEE A UN DISPOSITIF ELECTRONIQUE ET DISPOSITIF ELECTRONIQUE
- (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) **MYLLY, Kimmo** [FI/FI]; Niemenkuja 8 as 1, FIN-39160 Julkujärvi (FI).
- (74) **TAMPEREEN PATENTTITOIMISTO OY**; Hermiankatu 12 B, FIN-33720 Tampere (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 SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ G06F 3/00
- (11) **WO 03/081409** (13) A1
- (21) PCT/US03/08470
- (22) **19 Mar/mar 2003 (19.03.2003)**
- (25) en (26) en
- (30) 60/365,896 **20 Mar/mar 2002** US
(20.03.2002)
- (30) 10/271,972 **15 Oct/oct 2002** US
(15.10.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SYSTEM AND METHOD FOR DYNAMICALLY GENERATING A TEXTUAL DESCRIPTION FOR A VISUAL DATA REPRESENTATION
• SYSTEME ET PROCEDE POUR LA CREATION DYNAMIQUE D'UNE DESCRIPTION TEXTUELLE CORRESPONDANT A UNE REPRESENTATION VISUELLE DE DONNEES
- (71) **CORDA TECHNOLOGIES** [US/US]; 350 South 400 West, Lindon, UT 84042 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MILLETT, Troy** [US/US]; 375 North 1130 East, Lindon, UT 84042 (US). **SHADEL, Derrick** [US/US]; 9653 South Countess Way, South Jordan, UT 84095 (US). **CHENEY, Mardell** [US/US]; 7078 West 9600 North, Highland, UT 84003 (US).
- (74) **WITT, Evan**; MADSON & METCALF, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ G06F 3/023
- (11) **WO 03/081410** (13) A1
- (21) PCT/CN03/00218
- (22) **26 Mar/mar 2003 (26.03.2003)**
- (25) zh (26) zh
- (30) 02116346.4 **26 Mar/mar 2002** CN
(26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DEVICE AND METHOD FOR INPUTTING LETTERS, NUMBERS OR INFORMATION FROM A KEYPAD WITH HIGH EFFICIENCY
• DISPOSITIF ET PROCEDE PERMETTANT DE SAISIR DE MANIERE TRES EFFICACE DES LETTRES, DES NOMBRES OU DES INFORMATIONS A PARTIR D'UN CLAVIER
- (71, 72) **ZHANG, Wei** [CN/CN]; 505 BaiHuan Apartment, No.6 Nan Street, FuRongLi, HaiDian District, 100080 Beijing (CN).
- (74) **NTD PATENT & TRADEMARK AGENCY LIMITED BIEJING OFFICE**; 10th Floor, Block A, Investment Plaza, 27Jinrongdajie, 100032 Beijing (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RU RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G06F 3/023

(11) WO 03/081411 (13) A2

(21) PCT/EP03/02309

(22) 6 Mar/mar 2003 (06.03.2003)

(25) de (26) de

(30) P200200661 12 Mar/mar 2002 ES
(12.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TOUCH PANEL

• ECRAN TACTILE

(71) BSH BALAY S.A. [ES/ES]; Avda. de la in-
dustria 49, 50059 Zaragoza (ES).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) MAIRAL SERRANO, Carlos, Vicente
[ES/ES]; Compromiso de Caspe 11 7^o 2a,
50002 Zaragoza (ES).

(74) BSH BOSCH UND SIEMENS HAUS-
GERÄTE GMBH; Hochstr. 17, 81669
München (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ G06F 3/033

(11) WO 03/081412 (13) A2

(21) PCT/IB03/00902

(22) 11 Mar/mar 2003 (11.03.2003)

(25) en (26) en

(30) 10/104,930 22 Mar/mar 2002 US
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • LOW COST INTERACTIVE PROGRAM
CONTROL SYSTEM AND METHOD

• SYSTEME DE COMMANDE DE PRO-
GRAMME INTERACTIF A FAIBLE
COUT ET PROCEDE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(72) MARMAROPOULOS, George; c/o Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).
PELLETIER, Daniel, L.; c/o Prof. Holst-
laan 6, NL-5656 AA Eindhoven (NL).

(74) UITTENBOGAARD, Frank; Internation-
aal 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 NI NO NZ OM PH PL PT

RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G06F 3/033

(11) WO 03/081413 (13) A1

(21) PCT/JP03/03151

(22) 17 Mar/mar 2003 (17.03.2003)

(25) ja (26) ja

(30) 2002-86074 26 Mar/mar 2002 JP
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • INFORMATION INPUTTING DEVICE
FOR ELECTRONIC APPARATUS

• DISPOSITIF D'ENTREE D'INFORMA-
TIONS POUR UN APPAREIL ELEC-
TRONIQUE

(71) K-TECH DEVICES CORP. [JP/JP];
14016-30, Ooaza Nakaminowa, Minowa-
cho, Kamiinagun, Nagano 399-4601 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) KARASAWA, Fumiaki [JP/JP]; c/o
K-Tech Devices Corp., 14016-30, Ooaza
Nakaminowa, Minowacho, Kamiinagun,
Nagano 399-4601 (JP). INUKAI, Atsuomi
[JP/JP]; c/o K-Tech Devices Corp., 14016-30,
Ooaza Nakaminowa, Minowacho, Kamiina-
gun, Nagano 399-4601 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F 3/033

(11) WO 03/081414 (13) A1

(21) PCT/NZ03/00051

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 517971 25 Mar/mar 2002 NZ
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • GUI AND SUPPORT HARDWARE FOR
MAINTAINING LONG-TERM PER-
SONAL ACCESS TO THE WORLD

• INTERFACE GRAPHIQUE UTILISA-
TEUR (GUI) ET MATERIEL DE SUP-
PORT PERMETTANT UN ACCES PER-
SONNEL A LONG TERME VERS LE
MONDE

(71, 72) KING, David, Michael [NZ/NZ]; 26
Longford Street, Mt Wellington, 1006 Auck-
land (NZ).

(74) ENSOR, Donald, Rivers; ENSOR AND
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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(s) for all designations / pour toutes les
designations

(51)⁷ G06F 3/033

(11) WO 03/081415 (13) A1

(21) PCT/SE03/00484

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 0200951-2 27 Mar/mar 2002 SE
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • APPARATUS AND METHOD FOR
TURNING OF PAGES IN A DIGITISED
VIRTUAL DOCUMENT

• APPAREIL ET PROCEDE POUR
FEUILLETER DES PAGES D'UN DO-
CUMENT VIRTUEL NUMERISE

(71) TOUCH & TURN AB [SE/SE]; Inedals-
gatan 21, S-112 33 Stockholm (SE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) LAGERCRANTZ, Wilhelm [SE/SE];
Ystadsvägen 118, S-121 51 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

- (51)⁷ G06F 3/06, 1/32
 (11) WO 03/081416 (13) A2
 (21) PCT/US03/08864
 (22) 21 Mar/mar 2003 (21.03.2003)
 (25) en (26) en
 (30) 60/366,202 21 Mar/mar 2002 US (21.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • A LOWER POWER DISK ARRAY AS A REPLACEMENT FOR ROBOTIC TAPE STORAGE
 • CHARGEUR MULTIDISQUE DE FAIBLE PUISSANCE UTILISE POUR REMPLACER UN STOCKAGE DE BANDE ROBOTIQUE
 (71) TEMPEST MICROSYSTEMS [US/US]; Suite 110, 2223 Avenida de la Playa, San Deigo, CA 92037 (US).
 (72) FISK, Ian; 5730 Ferber Street, San Diego, CA 92122 (US). MOJAVER, Michael; 5194 Manor Ridge Lane, San Diego, CA 92130 (US).
 (74) MOLLAAGHABABA, Reza et al. / etc.; Nutter, McClennen & Fish LLP, World Trade Center West, 155 Seaport Boulevard, Boston, MA 02210-2604 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 7/00
 (11) WO 03/081417 (13) A2
 (21) PCT/EP03/02436
 (22) 10 Mar/mar 2003 (10.03.2003)
 (25) de (26) de
 (30) 102 13 269.0 25 Mar/mar 2002 DE (25.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • RANDOM NUMBER GENERATOR
 • GÉNÉRATEUR DE NOMBRES ALÉATOIRES
 (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) JANSSEN, Norbert [DE/DE]; Innere Wiener Str. 13A, 81667 München (DE). SEIFERT, Jean-Pierre [DE/DE]; Harsdörfer Str. 1, 81669 München (DE).
 (74) ZINKLER, Franz et al. / etc.; Postfach 246, 82043 Pullach bei 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 7/58
 (11) WO 03/081418 (13) A1
 (21) PCT/IB03/00765
 (22) 26 Feb/fév 2003 (26.02.2003)
 (25) en (26) en
 (30) 10/107,008 26 Mar/mar 2002 US (26.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • GAP AVERAGE ON-LINE RANDOMNESS TEST
 • TEST A SEQUENCE ALEATOIRE POUR LE CALCUL EN LIGNE DE LA MOYENNE DES INTERVALLES
 (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
 (72) HARS, Laszlo; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 (74) TURNER, Richard, C.; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
 Declaration / Déclaration :
 (t) for the following designation / pour la désignation suivante : CN
-
- (51)⁷ G06F 7/58
 (11) WO 03/081420 (13) A1
 (21) PCT/IB03/00797
 (22) 26 Feb/fév 2003 (26.02.2003)
 (25) en (26) en
 (30) 10/106,950 26 Mar/mar 2002 US (26.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • FUNCTIONAL GAP AVERAGE ON-LINE RANDOMNESS TEST
 • TEST A FREQUENCE ALEATOIRE POUR LE CALCUL EN LIGNE DE LA MOYENNE DES INTERVALLES FONCTIONNELS
 (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
 (72) HARS, Laszlo; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 (74) TURNER, Richard, C.; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
 Declaration / Déclaration :
 (t) for the following designation / pour la désignation suivante : CN
-
- (51)⁷ G06F 7/58
 (11) WO 03/081419 (13) A1
 (21) PCT/IB03/00767
 (22) 26 Feb/fév 2003 (26.02.2003)
 (25) en (26) en
 (30) 10/106,949 26 Mar/mar 2002 US (26.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • MONOBIT-RUN FREQUENCY ON-LINE RANDOMNESS TEST
 • TEST A FREQUENCE ALEATOIRE EN LIGNE DES FREQUENCES S'EXECUTANT SUR UN SEUL BIT
 (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
-
- (51)⁷ G06F 9/00
 (11) WO 03/081421 (13) A2
 (21) PCT/EP02/03302
 (22) 25 Mar/mar 2002 (25.03.2002)

- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND DEVICES FOR DYNAMIC MANAGEMENT OF A SERVER APPLICATION ON A SERVER PLATFORM
• PROCEDE ET DISPOSITIFS POUR LA GESTION DYNAMIQUE D'APPLICATION DE SERVEUR SUR UNE PLATE-FORME DE SERVEUR
- (71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; SE-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAMELEERS, Heino [NL/NL]; Loysonstr. 8, NL-6471 VN Kerkrade (NL). HUNDSCHIEDT, Frank [NL/NL]; In de Boomgaard 26, NL-6464 GC Kerkrade (NL).
- (74) TONSCHIEDT, Andreas; Ericsson Eurolab Deutschland GmbH, Ericsson Allee 1, 52134 Herzogenrath (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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 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)
-
- (51)⁷ G06F 9/34
- (11) WO 03/081422 (13) A1
- (21) PCT/JP03/03716
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) ja (26) ja
- (30) 2002-88916 27 Mar/mar 2002 JP (27.03.2002)
- (30) 2002-195123 3 Jul/juil 2002 JP (03.07.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • Operation processor, building method, operation processing system, and operation processing method
• PROCESSEUR D'OPERATIONS, PROCEDE DE CONSTRUCTION, SYSTEME DE TRAITEMENT D'OPERATIONS ET PROCEDE DE TRAITEMENT D'OPERATIONS
- (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) SHIGA, Tomohisa [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) YAMAGUCHI, Kunio et al. / etc.; 5th Floor, Hirayama Building, 15-2, Uchikanda 1-chome, Chiyoda-ku, Tokyo 101-0047 (JP).
- (81) KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
-
- (51)⁷ G06F 9/40, 7/00
- (11) WO 03/081423 (13) A1
- (21) PCT/SE02/00570
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR PROCESSING DATA STREAMS DIVIDED INTO A PLURALITY OF PROCESS STEPS
• PROCEDE DE TRAITEMENT DE FLOTS DE DONNEES DIVISES EN PLUSIEURS ETAPES DE TRAITEMENT
- (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) JARL, Patrik [SE/SE]; Lysviksgatan 40, S-123 42 Farsta (SE).
- (74) DR LUDWIG BRANN PATENTBYRÅ AB; P.O.Box 17192, S-104 62 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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)⁷ G06F 9/40
- (11) WO 03/081424 (13) A2
- (21) PCT/US03/08385
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) en (26) en
- (30) 10/101,296 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND APPARATUS FOR DEPLOYMENT OF HIGH INTEGRITY SOFTWARE USING INITIALIZATION ORDER AND CALLING ORDER CONSTRAINTS
• PROCEDE ET DISPOSITIF DESTINES A DEPLOYER UN LOGICIEL A
- HAUTE INTEGRITE UTILISANT DES CONTRAINTES D'ORDRE D'INITIALISATION ET D'ORDRE D'APPEL
- (71) SUN MICROSYSTEMS, INC. [US/US]; 4120 Network Circle, M/S USCA 12-203, Santa Clara, CA 95054 (US).
- (72) DE JONG, Edward; 522 S. Fremont Street, San Mateo, CA 94402 (US).
- (74) RITCHIE, David, B. et al. / etc.; Thelen Reid & Priest LLP, P.O. Box 640640, San Jose, CA 95164-0640 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 9/40, 9/42, 9/45
- (11) WO 03/081425 (13) A2
- (21) PCT/US03/08507
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) en (26) en
- (30) 10/100,838 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND APPARATUS FOR DEPLOYMENT OF HIGH INTEGRITY SOFTWARE USING STATIC PROCEDURE RETURN ADDRESSES
• PROCEDE ET APPAREIL DE DEPLOIEMENT DE LOGICIEL DE HAUTE INTEGRITE AU MOYEN D'ADRESSES DE RETOUR DE PROCEDURE STATIQUE
- (71) SUN MICROSYSTEMS, INC. [US/US]; 4120 Network Circle, M/S USCA 12-203, Santa Clara, CA 95054 (US).
- (72) DE JONG, Edward; 522 S. Fremont Street, San Mateo, CA 94402 (US).
- (74) RITCHIE, David, B. et al. / etc.; Thelen Reid & Priest LLP, P.O. Box 640640, San Jose, CA 95164-0640 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • METHOD AND APPARATUS FOR DEPLOYMENT OF HIGH INTEGRITY SOFTWARE USING REDUCED DYNAMIC MEMORY ALLOCATION
- PROCEDE ET APPAREIL DE DEPLOIEMENT DE LOGICIEL DE HAUTE INTEGRITE AU MOYEN D'ATTRIBUTION REDUITE DE MEMOIRE DYNAMIQUE
- (71) SUN MICROSYSTEMS, INC. [US/US]; 4120 Network Circle, M/S USCA 12-203, Santa Clara, CA 95054 (US).
- (72) DE JONG, Edward; 522 S. Fremont Street, San Mateo, CA 94402 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (72, 75) CONNOLLY, Patrick [IE/IE]; 16 Seafort Gardens, Sandymount, Dublin 4 (IE). CRANE, Stephen [IE/IE]; 93 Stiles Road, Dublin 3 (IE). SMART, Niall [IE/IE]; 174 Seamount, Stillorgan Road, Dublin 4 (IE).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- SYSTEME DE REUTILISATION DES CONNAISSANCES
- (71) DUO SYSTEMS CO., LTD. [JP/JP]; Han-kyu Express Tokyo Bldg. 9F., 3-9, Shimbashi 3-chome, Minato-ku, Tokyo 105-0004 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IIZUKA, Tomio [JP/JP]; c/o, Duo Systems Co., Ltd., 3-9, Shimbashi 3-chome, Minato-ku, Tokyo 105-0004 (JP).
- (74) NAKOSHI, Hideo et al. / etc.; IKUTA & NAKOSHI, Aoyama MS Bldg. 7F., 7-5, Jingumae 3-chome, Shibuya-ku, Tokyo 150-0001 (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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • TASK MANAGEMENT DEVICE AND METHOD, OPERATION JUDGMENT
- DEVICE AND METHOD, AND PROGRAM TO BE JUDGED
- PROCEDE ET DISPOSITIF DE GESTION DE TACHES, PROCEDE ET DISPOSITIF D'EVALUATION DE FONCTIONNEMENT ET PROGRAMME DEVANT ETRE EVALUE
- (71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ABE, Mutsumi [JP/JP]; c/o TOYOTA INFOTECHNOLOGY CENTER, CO., LTD., 1-23, Nakameguro 2-chome, Meguro-ku, Tokyo 153-0061 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- AMELIORATIONS APORTEES A DES ORDINATEURS INSENSIBLES AUX DEFALLANCES
- (71) NEVERFAIL GROUP PLC [GB/GB]; Aldermaston Park, Aldermaston, Berkshire RG7 4HR (GB).
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- RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
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TG).
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AUTHENTICATION WITH
SESSION INITIATION PROTO-
COL
• IDENTITE PROVISOIRE POUR L'AU-
THENTIFICATION AVEC UN PROTO-
COLE DE LANCEMENT DE SESSION
- (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) GABOR, Bajko; Rezeda u.8, H-1214 Bu-
dapest (HU).
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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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- (54) • METHOD FOR UTILIZING A FRAG-
ILE WATERMARK FOR ENHANCED
SECURITY
- PROCEDE D'UTILISATION D'UN FILI-
GRANE FRAGILE POUR UNE SECU-
RITE ACCRUE
- (71) PITNEY BOWES INC. [US/US]; 1 Elm-
croft Road, Stamford, CT 06926 (US).
- (72) ZELLER, Claude; 97 Fan Hill Road, Mon-
roe, CT 06468 (US). MACKAY, Donald, G.;
80 Garnet Road, Roxbury, CT 06783 (US).
KILMARTIN, William; 1 Shady Lane,
West Haven, CT 06515 (US). BROSSEAU,
William, A.; 998 Sherwood Place, Stratford,
CT 06615 (US). EUCHNER, James; 19
Schoolhouse Road, Waccabuc, NY 10597
(US). CORDERY, Robert, A.; 11 1/2
Jeanette Street, Danbury, CT 06811 (US).
- (74) MEYER, Robert, E.; Pitney Bowes Inc., 35
Waterview Drive, Shelton, CT 06484 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN 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 HU IE IT LU MC NL PT SE TR);
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ML MR NE SN TD TG).
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(s) for all designations / pour toutes les
désignations
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- (54) • METHOD AND APPARATUS FOR
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• PROCEDE ET APPAREIL DE COM-
PRESSION DES INFORMATIONS DE
JOURNALISATION
- (71) NOKIA CORPORATION [FI/FI];
Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous
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- (72, 75) HÄTÖNEN, Kimmo [FI/FI]; Käpytie
8 J 34, FIN-00650 Helsinki (FI). MIETTI-
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FIN-00550 Helsinki (FI).
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Partner, Arnulfstrasse 25, 80335 Munich
(DE).
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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 CH CY DE DK ES
FI FR GB GR HU IE IT LU MC NL PT SE TR);
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(25.03.2002)
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TION DATA OF WORK MACHINE
• SYSTEME DE COLLECTE DE DON-
NEES DE FONCTIONNEMENT LIEES
A L'ACTIVITE D'UNE MACHINE
- (71) HITACHI CONSTRUCTION MACHIN-
ERY CO., LTD. [JP/JP]; 5-1, Koraku
2-chome, Bunkyo-ku, Tokyo 112-0004 (JP).
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les États désignés sauf US)
- (72, 75) EGUCHI, Yoshinori [JP/JP]; 202,
Numajiri Koopo, 2-20-5, Kandatsu Chuo,
Tsuchiura-shi, Ibaraki 300-0011 (JP). MAT-
SUDA, Fujio [JP/JP]; 3-87-7, Mihara,
Nagareyama-shi, Chiba 270-0103 (JP).
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Kasumigaseki, Chiyoda-ku, Tokyo 100-0013
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CESSING INFORMATION RELATED
TO DOWNLOAD
• PROCEDE ET DISPOSITIF DE TRAI-
TEMENT D'INFORMATIONS EN RAP-
PORT AVEC UN TELECHARGEMENT
- (71) FUJITSU LIMITED [JP/JP]; 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 (JP).
(for all designated States except / pour tous
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- (72, 75) SAITOH, Hiroshi [JP/JP]; c/o FUJITSU
AOMORI SYSTEMS ENGINEERING LIM-
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Aomori-shi, Aomori 030-0192 (JP).
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5th Floor, 18-8, Minamisaiwai 2-chome,
Nishi-ku, Yokohama-shi, Kanagawa
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- (54) • BROWSER AND PROGRAM CONTAINING MULTI-MEDIUM CONTENT
• NAVIGATEUR ET PROGRAMME A CONTENU MULTIMEDIA
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
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- (72, 75) ASAI, Atsushi [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).
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- (54) • INFORMATION IMAGE UTILIZATION SYSTEM, INFORMATION IMAGE MANAGEMENT DEVICE, INFORMATION IMAGE MANAGEMENT METHOD, CONTENT INFORMATION IMAGE, PROGRAM, AND RECORDING MEDIUM
• SYSTEME D'UTILISATION D'IMAGES D'INFORMATIONS, PROCEDE ET DISPOSITIF DE GESTION D'IMAGES D'INFORMATIONS, IMAGES D'INFORMATIONS DE CONTENU, PROGRAMME, ET SUPPORT D'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) TSUYAMA, Fumio [JP/JP]; c/o CYBERGENE.COM CORPORATION, 4-7-35, Kitashinagawa, Shinagawa-ku, Tokyo 140-0001 (JP). MURATA, Noriyuki [JP/JP]; c/o CYBERGENE.COM CORPORATION, 4-7-35, Kitashinagawa, Shinagawa-ku, Tokyo 140-0001 (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).
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- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INFORMATION IMAGE UTILIZATION SYSTEM, INFORMATION IMAGE MANAGEMENT SERVER, INFORMATION IMAGE MANAGEMENT METHOD, DEVICE INFORMATION IMAGE, PROGRAM, AND RECORDING MEDIUM
• SYSTEME D'UTILISATION D'INFORMATIONS D'IMAGES, SERVEUR ET PROCEDE DE GESTION D'INFORMATIONS D'IMAGES, INFORMATIONS D'IMAGES DE DISPOSITIFS, PROGRAMME ET SUPPORT D'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)
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- (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).
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- (11) WO 03/081439 (13) A1
- (21) PCT/JP03/03644
- (22) 25 Mar/mar 2003 (25.03.2003)
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- (30) 2002-084410 25 Mar/mar 2002 JP (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INFORMATION IMAGE UTILIZATION SYSTEM, INFORMATION IMAGE MANAGEMENT APPARATUS, INFORMATION IMAGE MANAGEMENT METHOD, USER INFORMATION IMAGE, PROGRAM, AND RECORDING MEDIUM
• SYSTEME D'UTILISATION D'IMAGES D'INFORMATIONS, APPAREIL DE GESTION D'IMAGES D'INFORMATIONS, PROCEDE DE GESTION D'IMAGES D'INFORMATIONS, IMAGE D'INFORMATIONS D'UTILISATEUR, PROGRAMME ET SUPPORT D'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) TSUYAMA, Fumio [JP/JP]; c/o CYBERGENE.COM CORPORATION, 4-7-35, Kitashinagawa, Shinagawa-ku, Tokyo 140-0001 (JP). MURATA, Noriyuki [JP/JP]; c/o CYBERGENE.COM CORPORATION, 4-7-35, Kitashinagawa, Shinagawa-ku, Tokyo 140-0001 (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).
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- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (22) 28 Feb/fév 2003 (28.02.2003)
- (25) en (26) en
- (30) 60/366,805 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND SYSTEM FOR STORING AND RETRIEVING DATA USING HASH-ACCESSED MULTIPLE DATA STORES
• PROCEDE ET SYSTEME DE MEMORISATION DE RECUPERATION DE DONNEES A L'AIDE DE MAGASINS DE DONNEES MULTIPLES PAR ACCES DISPERSE
- (71, 72) SNAPP, Robert, F. [US/US]; United States Postal Service, 475 L'Engant Plaza S.W., Washington, DC 20260-1135 (US). PAYNE, David, J. [US/US]; United States Postal Services, 475 L'Engant Plaza, S.W., Washington, DC 20260-1135 (US). WILSON, James, D. [US/US]; United States Postal Service, 475 L'Engant Plaza, S.W., Washington, DC 20260-1135 (US).
- (74) HARRIS, Andrew, M.; Weiss, Moy & Harris, P.C., 4204 North Brown Avenue, Scottsdale, AZ 85251-3914 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 13/00
- (11) WO 03/081441 (13) A1
- (21) PCT/JP03/01123
- (22) 4 Feb/fév 2003 (04.02.2003)

- (25) ja (26) ja
 (30) 2002-89607 **27 Mar/mar 2002 JP**
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MAIL DISTRIBUTION SYSTEM, MAIL DISTRIBUTION METHOD, MAIL DISTRIBUTION PROGRAM, RECORDING MEDIUM CONTAINING THE MAIL DISTRIBUTION PROGRAM, AND A WEB SITE CREATION SUPPORT DEVICE
 • SYSTEME DE DISTRIBUTION DE COURRIER, PROCEDE DE DISTRIBUTION DE COURRIER, PROGRAMME DE DISTRIBUTION DE COURRIER, SUPPORT D'ENREGISTREMENT CONTENANT CE PROGRAMME DE DISTRIBUTION DE COURRIER, ET DISPOSITIF D'AIDE A LA CREATION DE SITE WEB
- (71, 72) OKINO, Hiroo [JP/JP]; 49-5, Senriyama-Higashi 4-chome, Suita-shi, Osaka 565-0842 (JP).
- (74) ISSHIKI, Kensuke et al. / etc.; Rookin-Shinbashi Bldg. 3F, 12-7, Shinbashi 2-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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 13/00, 17/60
 (11) WO 03/081442 (13) A1
 (21) PCT/JP03/02828
 (22) 11 Mar/mar 2003 (11.03.2003)
 (25) ja (26) ja
 (30) 2002-87972 **27 Mar/mar 2002 JP**
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INFORMATION DISTRIBUTION METHOD, SERVER, AND PROGRAM
 • PROCEDE, SERVEUR ET PROGRAMME DE DISTRIBUTION D'INFORMATIONS
- (71) LOG MONSTERS INC. [JP/JP]; AIG 9F, 1-1-3, Marunouchi, Chiyoda-ku, , Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OZAKI, Hiromune [JP/JP]; c/o LOG MONSTERS INC., AIG 9F, 1-1-3, Marunouchi, Chiyoda-ku, , Tokyo 100-0005 (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 KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 13/00, 3/12, H04L 29/06
 (11) WO 03/081443 (13) A1
 (21) PCT/JP03/03651
 (22) 25 Mar/mar 2003 (25.03.2003)
 (25) ja (26) ja
 (30) 2002-84552 **25 Mar/mar 2002 JP**
(25.03.2002)
- (30) 2002-84553 **25 Mar/mar 2002 JP**
(25.03.2002)
- (30) 2002-84554 **25 Mar/mar 2002 JP**
(25.03.2002)
- (30) 2003-76611 **19 Mar/mar 2003 JP**
(19.03.2003)
- (30) 2003-81244 **24 Mar/mar 2003 JP**
(24.03.2003)
- (30) 2003-81245 **24 Mar/mar 2003 JP**
(24.03.2003)
- (30) 2003-81246 **24 Mar/mar 2003 JP**
(24.03.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • IMAGE FORMATION DEVICE HAVING A WEB SERVICE FUNCTION
 • DISPOSITIF DE FORMATION D'IMAGES COMPORTANT UNE FONCTION DE SERVICE WEB
- (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) MATSUSHIMA, Hiroyuki [JP/JP]; 3-3-1207, Ohdananishi, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0028 (JP).
- (74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ G06F 13/00
 (11) WO 03/081444 (13) A1
 (21) PCT/US03/07896
 (22) 12 Mar/mar 2003 (12.03.2003)
 (25) en (26) en
 (30) 60/365,890 **18 Mar/mar 2002 US**
(18.03.2002)
- (30) 60/379,955 **10 May/mai 2002 US**
(10.05.2002)
- (30) 60/405,719 **23 Aug/août 2002 US**
(23.08.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SYSTEMS AND METHODS FOR HANDLING A PLURALITY OF COMMUNICATIONS
 • SYSTEMES ET PROCEDES DE TRAITEMENT D'UNE PLURALITE DE COMMUNICATIONS
- (71) TELEPHONY@WORK, INC. [US/US]; 4225 Executive Square, Suite 600, La Jolla, CA 92037 (US).
- (72) EZERZER, Ran; 3535 Lebon Drive, Unit 3310, La Jolla, CA 92037 (US). AL-JANE, ALI; 8465 Regents Road #220, San Diego, CA 92122 (US). ST. CYR, Pierre; 4687 Torrey Circle, B304, San Diego, CA 92130 (US). YAHMADI, Imed; 8950 Costa Verde Blvd. #4440, San Diego, CA 92122 (US). BORODOW, Eli, B.; 3535 Lebon Drive, Unit 2401, La Jolla, CA 92037 (US). MARGULIES, Edwin, Kenneth; 9811 W. Charleston Blvd. #2-260, Las Vegas, NV 89117 (US). RODRIGUEZ, Pablo, M.; 12779 Via Terceto, Del Mar, CA 92130 (US).
- (74) GILLESPIE, Noel, C.; Paul, Hastings, Janofsky & Walker LLP, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ G06F 15/00, G06T 1/00
 (11) WO 03/081445 (13) A1
 (21) PCT/US03/08798
 (22) 19 Mar/mar 2003 (19.03.2003)
 (25) en (26) en
 (30) 10/102,421 **19 Mar/mar 2002 US**
(19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DATA AWARE CLUSTERED ARCHITECTURE FOR AN IMAGE GENERATOR
 • ARCHITECTURE EN GRAPPE A SYNCHRONISATION DES DONNEES POUR UN GENERATEUR D'IMAGES
- (71) AEHELON TECHNOLOGY, INC. [US/US]; 650 Quarry Road, San Carlos, CA 94070 (US).
- (72) MORGAN, David, L., III; 1714 Connecticut Drive, Redwood City, CA 94061 (US). SANZ-PASTOR, Ignacio; 490 Castenada Avenue, San Francisco, CA 94116 (US).
- (74) BROWNSTONE, Daniel, R. et al. / etc.; Fenwick & West LLP, Silicon Valley Center, 801 California Street, Mountain View, CA 94041 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

- HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 15/16, 13/00, H04Q 7/20
(11) WO 03/081446 (13) A1
(21) PCT/KR03/00565
(22) 22 Mar/mar 2003 (22.03.2003)
(25) ko (26) en
(30) 10-2002-0015890 23 Mar/mar 2002 KR (23.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MULTIMEDIA ADVERTISING SERVICE THROUGH A MOBILE COMMUNICATION NETWORK AND MULTIMEDIA CONTENT CONTROLLING APPARATUS AND METHOD OF A MOBILE TERMINAL SUPPORTING SAID SERVICE
• SERVICE PUBLICITAIRE MULTIMEDIA VIA UN RESEAU DE COMMUNICATION MOBILE, CONTROLEUR DE CONTENUS MULTIMEDIA, ET PROCEDE POUR TERMINAL MOBILE COMPATIBLE AVEC CE SERVICE
- (71) SK TELECOM CO., LTD [KR/KR]; 99, Seorin-Dong, Jongro-Ku, Seoul 110-110 (KR). NAM, Gi Seon [KR/KR]; 124-1001, SK-Bookhansan City Apt., Mia 6-dong, Gangbook-gu, Seoul 142-106 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHOI, Min Ju [KR/KR]; 625-404, Hyojachon 6-Danji, Seohyun-dong, Boondang-gu, Sungnam-si 463-050, Kyunggi-do (KR). KIM, Kyeong Seok [KR/KR]; 609-102, Sangyong Apt., Moonchon Maeul, 8, Jooyeop-dong, Ilsan-gu, Goyang-si 411-370, Kyunggi-do (KR). CHOI, Jong Woo [KR/KR]; 101-1001, Hyundai 1-cha Apt., Dongchun-dong, 449-010 Yongin-si, Kyunggi-do (KR). KIM, Jun Hyung [KR/KR]; 304-507, Woosung Apt., Sadang 2-dong, Dongjak-gu, Seoul 156-092 (KR). HONG, Sung Cheol [KR/KR]; 2-402, Kyungnam Apt., Gaepo-dong, Gangnam-gu, Seoul 135-240 (KR). JEONG, Eon Hwa [KR/KR]; 102-311, Mido Apt., 511, Daechi-dong, Gangnam-gu, Seoul 135-280 (KR).
- (74) PARK, Lae Bong; IFL, Dongun Bldg., 413-4, Dogok 2-dong, Kangnam-gu, Seoul 135-272 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 15/16
(11) WO 03/081447 (13) A1
(21) PCT/US03/04879
(22) 21 Feb/fév 2003 (21.02.2003)
(25) en (26) en
(30) 60/364,639 18 Mar/mar 2002 US (18.03.2002)
(30) 60/364,640 18 Mar/mar 2002 US (18.03.2002)
(30) 10/368,443 20 Feb/fév 2003 US (20.02.2003)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COMPUTING GRID FOR MASSIVELY MULTIPLAYER ONLINE GAMES AND OTHER MULTI-USER IMMERSIVE PERSISTENT-STATE AND SESSION-BASED APPLICATIONS
• GRILLE DE CALCUL POUR JEUX EN LIGNE MULTI-JOUEURS A GRANDE ECHELLE ET AUTRES APPLICATIONS EN SESSION ET A ETAT PERSISTANT IMMERSIVES MULTI-UTILISATEURS
- (71) BUTTERFLY.NET, INC. [US/US]; 224 West King Street, Martinsburg, WV 25401 (US).
- (71, 72) LEVINE, David, A. [US/US]; R.R. 1 Box 123, Shepherdstown, WV 25443 (US). MINTON, Gabriel, D. [US/US]; 4942 Red Hill Road, Keedysville, MD 21756 (US). WIRT, Mark, C. [US/US]; Rt. 2, Box 886, Shepherdstown, WV 25443 (US). WHITEBOOK, Barry, A. [US/US]; 118 Southerly Lane, Charles Town, WV 25414-9455 (US).
- (74) ALCORN, Linda, E. et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W. - Suite 600, Washington, D.C. 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ G06F 15/16
(11) WO 03/081449 (13) A1
(21) PCT/US03/08521
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
(30) 60/366,331 20 Mar/mar 2002 US (20.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • VIDEOCONFERENCE SYSTEM ARCHITECTURE
• ARCHITECTURE DE SYSTEME DE VIDEOCONFERENCE
- (71) THOMSON LICENSING S.A. [FR/FR]; 46 Quai A. Le Gallo, F-F-92648 Boulogne (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) RICHARDSON, John, William [US/US]; 30 Matthew Drive, Hamilton, NJ 08690 (US). CAHNBLEY, Jens [DE/US]; 239 South Lane, Princeton Junction, NJ 08550 (US). RAMASWAMY, Kumar [IN/US]; 71 Sayre Drive, Princeton, NJ 08540 (US).
- (74) TRIPOLI, Joseph, S. et al. / etc.; THOMSON Licensing, Inc., 2 Independence Way, Suite 2, 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 NI NO NZ OM PH PL PT
RU RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ G06F 15/16, 15/173

(11) WO 03/081450 (13) A1

(21) PCT/US03/08735

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 10/105,677 20 Mar/mar 2002 US
(20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR DE-
TERMINATION OF OPTIMUM PATH
ROUTING

• PROCEDE ET APPAREIL DE DE-
TERMINATION DE ROUTAGE POUR
TROUVER LE CHEMIN OPTIMAL

(71) CONXION CORPORATION [US/US];
4201 Burton Drive, Santa Clara, CA
95954-1512 (US).

(72) BALAN, Sapna; 440 Woods Drive, Apt.
1203, San Jose, CA 95136 (US). NORMILE,
Thomas; 3857 Ross Road, Palo Alto, CA
94303 (US). SMITH, Stacy, W.; 1587 Sinton
Road, Evergreen, CO 80439 (US).

(74) KOLHER, Thomas, D. 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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G06F 15/16, 15/173

(11) WO 03/081451 (13) A1

(21) PCT/US03/08874

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 10/104,904 21 Mar/mar 2002 US
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR
DISTRIBUTING ROUTING INSTRU-
CTIONS OVER MULTIPLE INTERFACES
OF A DATA ROUTER

• PROCEDE ET APPAREIL PERMET-
TANT DE DISTRIBUER DES INSTRU-
CTIONS DE ROUTAGE VIA PLUSIEURS
INTERFACES D'UN ROUTEUR DE
DONNEES

(71) PLURIS, INC. [US/US]; 10455 Bandler
Drive, Cupertino, CA 95014 (US).

(72) ELLIS, Steven, Clay; 598 Vasona Ave.,
Los Gatos, CA 95032 (US). KHARBANDA,
Deepak; 470 Saratoga Ave., Apt. 110, San
Jose, CA 95129 (US). CHANG, Xiaoyan;
6704 Bret Harte Dr., San Jose, CA 95120
(US).

(74) BOYS, Donald, R.; Central Coast Patent
Agency, Inc., P.O. Box 187, Aromas, CA
95004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ G06F 15/177

(11) WO 03/081452 (13) A1

(21) PCT/US03/08429

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/365,688 18 Mar/mar 2002 US
(18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEFAULT DEVICE CONFIGURATION
SYSTEM AND METHOD FOR THIN
DEVICES

• SYSTEME DE CONFIGURATION DIS-
POSITIF IMPLICITE ET PROCEDE
CONÇU POUR DES DISPOSITIFS
MINCES

(71) WYSE TECHNOLOGY INC. [US/US];
3471 North First Street, Building 3, San Jose,
CA 95134 (US).

(72) DASEKE, Michael, J.; 4417 Bryn Mawr,
Dallas, TX 75225 (US). LAMPERT, Kirk,
M.; 1685 Niagra Boulevard, Lewisville, TX
75077 (US).

(74) EAKIN, James, E. et al. / etc.; Pillsbury
Winthrop LLP, 2550 Hanover Street, Palo
Alto, CA 94304-1115 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G06F 15/18

(11) WO 03/081453 (13) A1

(21) PCT/US03/08239

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 10/101,814 18 Mar/mar 2002 US
(18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • GENE EXPRESSION PROGRAMMING
ALGORITHM

• ALGORITHME DE PROGRAMMA-
TION D'EXPRESSION GENIQUE

(71) MOTOROLA, INC. [US/US]; 1303 East
Algonquin Road, Schaumburg, IL 60196
(US).

(72) XIAO, Weimin.; 4215 Crimson Drive,
Hoffman Estates, IL 60195 (US). TIRPAK,
Thomas, Michael; 1310 Pine Street, Glen-
view, IL 60025 (US).

(74) NICHOLS, Daniel K., 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G06F 15/78

(11) WO 03/081454 (13) A2

(21) PCT/DE03/00942

(22) 21 Mar/mar 2003 (21.03.2003)

(25) de (26) de

(30) 102 12 622.4 21 Mar/mar 2002 DE
(21.03.2002)

(30) 102 12 621.6 21 Mar/mar 2002 DE
(21.03.2002)

(30) 102 19 681.8 2 May/mai 2002 DE
(02.05.2002)

(30) 02 009 868.7 2 May/mai 2002 EP
(02.05.2002)

(30) 102 26 186.5 12 Jun/juin 2002 DE
(12.06.2002)

(30) 102 27 650.1 20 Jun/juin 2002 DE
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(30) PCT/EP02/06865 20 Jun/juin 2002 EP
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(30) 102 36 271.8 7 Aug/aout 2002 DE
(07.08.2002)

- (30) 102 36 272.6 **7 Aug/août 2002** DE (07.08.2002)
- (30) 102 36 269.6 **7 Aug/août 2002** DE (07.08.2002)
- (30) PCT/EP02/10065 **16 Aug/août 2002** EP (16.08.2002)
- (30) 102 38 174.7 **21 Aug/août 2002** DE (21.08.2002)
- (30) 102 38 173.9 **21 Aug/août 2002** DE (21.08.2002)
- (30) 102 38 172.0 **21 Aug/août 2002** DE (21.08.2002)
- (30) 102 40 022.9 **27 Aug/août 2002** DE (27.08.2002)
- (30) 102 40 000.8 **27 Aug/août 2002** DE (27.08.2002)
- (30) PCT/DE02/03278 **3 Sep/sep 2002** DE (03.09.2002)
- (30) 102 41 812.8 **6 Sep/sep 2002** DE (06.09.2002)
- (30) PCT/EP02/10479 **18 Sep/sep 2002** EP (18.09.2002)
- (30) PCT/EP02/10464 **18 Sep/sep 2002** EP (18.09.2002)
- (30) PCT/EP02/10572 **19 Sep/sep 2002** EP (19.09.2002)
- (30) 02 022 692.4 **10 Oct/oct 2002** EP (10.10.2002)
- (30) 02 027 277.9 **6 Dec/déc 2002** EP (06.12.2002)
- (30) 103 00 380.0 **7 Jan/jan 2003** DE (07.01.2003)
- (30) PCT/EP03/00624 **20 Jan/jan 2003** EP (20.01.2003)
- (30) PCT/DE03/00152 **20 Jan/jan 2003** DE (20.01.2003)
- (30) PCT/DE03/00489 **18 Feb/fév 2003** DE (18.02.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND DEVICE FOR DATA PROCESSING
• PROCEDE ET DISPOSITIF DE TRAITEMENT DE DONNEES
- (71) PACT XPP TECHNOLOGIES AG [DE/DE]; Muthmannstrasse 1, 80939 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VORBACH, Martin [DE/DE]; Gotthardstrasse 117a, 80689 München (DE).
- (74) PIETRUK, Claus, Peter; Heinrich-Lilienfein-Weg 5, 76229 Karlsruhe (DE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (51)⁷ G06F 17/00
(11) WO 03/081456 (13) A1
(21) PCT/US03/08833
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 60/365,495 19 Mar/mar 2002 US (19.03.2002)
- (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 HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(t) for all designations / pour toutes les désignations
- (51)⁷ G06F 17/00
(11) WO 03/081455 (13) A2
(21) PCT/EP03/01657
(22) 19 Feb/fév 2003 (19.02.2003)
(25) en (26) en
(30) 10/101,954 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR CERTIFYING DATA CONTAINING A SEQUENCE OF TRANSACTIONS
• PROCEDE PERMETTANT DE CERTIFIER DES DONNEES CONTENANT UNE SEQUENCE DE TRANSACTIONS
- (71) BANANA.CH S.A. [CH/CH]; Via Trevano, 7A, CH-6900 Lugano (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZUCCHETTI, Domenico [CH/CH]; Via Trevano, 7A, CH-6900 Lugano (CH).
- (74) ZARDI, Marco; M. Zardi & Co. S.A., Via Pioda, 6, CH-6900 Lugano (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ G06F 17/21
(11) WO 03/081457 (13) A1
(21) PCT/US03/06903
(22) 5 Mar/mar 2003 (05.03.2003)
(25) en (26) en
(30) 10/102,189 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DYNAMIC GENERATION OF SCHEMA INFORMATION FOR DATA DESCRIPTION LANGUAGES
• PRODUCTION DYNAMIQUE D'INFORMATIONS DE SCHEMA POUR LANGAGES DE DESCRIPTION DE DONNEES
- (71) LOGICLIBRARY, INC. [US/US]; 2717 Hwy 14 W., Suite M, Rochester, MN 55901 (US).
- (72) CARLSON, Brent, A.; 407 14th Ave. SW, Rochester, MN 55902 (US). GROSS, Dave,
- (30) 60/371,503 10 Apr/avr 2002 US (10.04.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • AN INCREMENTAL PROCESS, SYSTEM, AND COMPUTER USEABLE MEDIUM FOR EXTRACTING LOGICAL IMPLICATIONS FROM RELATIONAL DATA BASED ON GENERATORS AND FACES OF CLOSED SETS
• PROCESSUS CUMULATIF, SYSTEME, ET SUPPORT UTILISABLE AVEC UN ORDINATEUR POUR EXPLORER DES IMPLICATIONS LOGIQUES DE DONNEES RELATIONNELLES BASEES SUR DES GENERATEURS ET DES FACETTES D'ENSEMBLES FERMES
- (71) UNIVERSITY OF VIRGINIA PATENT FOUNDATION [US/US]; 1224 West Main Street, Suite 1-110, Charlottesville, VA 22903 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PFALTZ, John [US/US]; 1503 Rugby Road, Charlottesville, VA 22903 (US). TAYLOR, Christopher [US/US]; 729 Three Chopt Road, Manakin-Sabot, VA 23103-2421 (US). JAMISON, Robert [US/US]; 402 N. Church Street, Central, SC 29630 (US).
- (74) DECKER, Robert, J.; University of Virginia Patent Foundation, Patent and General Counsel, Patent Department, 1224 West Main Street, Suite 1-110, Charlottesville, VA 22903 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- H.; 5211 Palmer Lane NW, Rochester, MN 55901 (US). GRASER, Timothy, J.; 1317 38th St. NW, Rochester, MN 55901 (US).
- (74) SIEFFERT, Kent, J.; Shumaker & Sieffert, P.A., 8425 Seasons Parkway, Suite 105, St. Paul, MN 55125 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/21
- (11) WO 03/081458 (13) A1
- (21) PCT/US03/08400
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 60/365,197 19 Mar/mar 2002 US (19.03.2002)
- (30) 60/365,161 19 Mar/mar 2002 US (19.03.2002)
- (30) 60/365,160 19 Mar/mar 2002 US (19.03.2002)
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- (30) 10/307,417 2 Dec/déc 2002 US (02.12.2002)
- (30) 10/307,403 2 Dec/déc 2002 US (02.12.2002)
- (30) 10/307,324 2 Dec/déc 2002 US (02.12.2002)
- (30) 10/307,418 2 Dec/déc 2002 US (02.12.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CONTROLLING CONTENT DISPLAY
• ADAPTATION DE L’AFFICHAGE D’UN CONTENU
- (63) US 60/365,197 (CON) 19 Mar/mar 2002 (19.03.2002)
- US 60/365,161 (CON) 19 Mar/mar 2002 (19.03.2002)
- US 60/365,160 (CON) 19 Mar/mar 2002 (19.03.2002)
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- US 10/307,324 (CON) 2 Dec/déc 2002 (02.12.2002)
- US 10/307,418 (CON) 2 Dec/déc 2002 (02.12.2002)
- (71) AMERICA ONLINE, INC. [US/US]; 22000 AOL Way, Dulles, VA 20166 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LIRA, Luigi [IT/US]; 2366 Harbor Blvd. #203, Costa Mesa, CA 92626 (US).
- (74) HAYDEN, John, F.; Fish & Richardson P.C., 1425 K Street, NW, 11th Floor, Washington, DC 20005-3500 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/30, H04N 5/00, G11B 27/28
- (11) WO 03/081459 (13) A1
- (21) PCT/EP03/02682
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) en (26) en
- (30) 02006866.4 26 Mar/mar 2002 EP (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND APPARATUS FOR USING METADATA FROM DIFFERENT SOURCES
• PROCEDE ET APPAREIL D’UTILISATION DE METADONNEES A PARTIR DE DIFFERENTES SOURCES
- (71) THOMSON LICENSING S.A. [FR/FR]; 46 Quai A. le Gallo, F-92100 Boulogne-Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHILLER, Harald [DE/DE]; Apfelfgarten 11, 30539 Hannover (DE). ADOLPH, Dirk [DE/DE]; Wallbrink 2, 30952 Ronnenberg (DE). BLAWAT, Meinolf [DE/DE]; Sutelstrasse 54 C, 30659 Hannover (DE). LI, Hui [CN/DE]; Haltenhoffstr. 221, 30419 Hannover (DE). PETERS, Hartmut [DE/DE]; Ohweg 34, 30890 Barsinghausen (DE).
- (74) RITTNER, Karsten; European Patent Operations, Karl-Wiechert-Allee 74, 30625 Hannover (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/30, H04L 12/28, 12/56
- (11) WO 03/081460 (13) A1
- (21) PCT/FI02/00256
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND SYSTEM OF USING FIXED-LENGTH ADDRESSES IN MESSAGE ROUTING
• PROCEDE ET SYSTEME D’UTILISATION D’ADRESSES DE LONGUEUR FIXE DANS L’ACHEMINEMENT DE MESSAGES
- (71) WIRAL LTD. [FI/FI]; Westendintie 1, FIN-02160 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) KUMPULAINEN, Juha [FI/FI]; Merenneidontie 22 B 4, FIN-02320 Espoo (FI).
- (74) PATENT AGENCY COMPATENT LTD.; Hämeentie 29, 4th Fl, FIN-00500 Helsinki (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 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)⁷ G06F 17/30, H04L 29/12, 12/56
- (11) WO 03/081461 (13) A1
- (21) PCT/FI02/00257
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SEARCH MEANS CONTAINING FIXED-LENGTH ADDRESSES GENERATED BY A HASH FUNCTION
• MOYENS DE RECHERCHE CONTENANT DES ADRESSES DE LONGUEUR FIXE PRODUITES PAR UNE FONCTION DE HACHAGE
- (71) WIRAL LTD. [FI/FI]; Westendintie 1, FIN-02160 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KUMPULAINEN, Juha [FI/FI]; Merenneidontie 22 B 4, FIN-02320 Espoo (FI).
- (74) PATENT AGENCY COMPATENT LTD.; Hämeentie 29, 4th Fl, FIN-00500 Helsinki (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 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)⁷ G06F 17/30
 (11) WO 03/081462 (13) A2
 (21) PCT/GB03/01121
 (22) 18 Mar/mar 2003 (18.03.2003)
 (25) en (26) en
 (30) 0206626.4 20 Mar/mar 2002 GB (20.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • SELECTIVE UPDATING
 • MISE A JOUR SELECTIVE
 (71) MAGUS RESEARCH LTD [GB/GB]; Rowlandson House, 289-293 Ballards Lane, London N12 8NP (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) ADAMS, Barry, David, Otley [GB/GB]; 13 Fulwood Avenue, Alperton, Wembley, Middlesex HA0 1LS (GB).
 (74) WALASKI, Jan et al. / etc.; Venner, Shipley & Co., 20 Little Britain, London EC1A 7DH (GB).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/30
 (11) WO 03/081464 (13) A2
 (21) PCT/GB03/01233
 (22) 21 Mar/mar 2003 (21.03.2003)
 (25) en (26) en
 (30) 0206810.4 22 Mar/mar 2002 GB (22.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • DATABASE SYSTEM
 • SYSTEME DE BASES DE DONNEES
 (71) ISOCRA LIMITED [GB/GB]; Abberley House, Granhams Road, Great Shelford, Cambridge CB2 5LG (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) HOVERD, Timothy, Stephen [GB/GB]; 5 Haggis Gap, Fulbourn, Cambridge CB1 5HD (GB). SHEEHAN, Dean, Alan [GB/GB]; 72 Melvin Way, Histon, Cambridge CB4 9HZ (GB). HOWLETT, Denis, Ronald [GB/GB]; 30 Tenison Road, Cambridge CB1 5DW (GB).
 (74) EVENS, Paul, Jonathan et al. / etc.; Maguire Boss, 5 Crown Street, St. Ives, Cambridgeshire PE27 5EB (GB).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/30
 (11) WO 03/081463 (13) A1
 (21) PCT/GB03/01229
 (22) 21 Mar/mar 2003 (21.03.2003)
 (25) en (26) en
 (30) 0206703.1 21 Mar/mar 2002 GB (21.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • PROVIDING LOCATION DEPENDENT INFORMATION
 • FOURNITURE D'INFORMATIONS DEPENDANTES DE L'EMPLACEMENT
 (71) INFINITE REASON LTD [GB/GB]; 31 Trewince Road, West Wimbledon, London SW20 8RD (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) LANCEFIELD, Paul, Damon [GB/GB]; 31 Trewince Road, West Wimbledon, London SW20 8RD (GB).
 (74) SLINGSBY, Philip, Roy et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).
 (54) • OBJECT RELATIONSHIPS
 • RELATIONS D'OBJETS
 (71) INFINITE REASON LTD [GB/GB]; 31 Trewince Road, West Wimbledon, London SW20 8RD (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) LANCEFIELD, Paul [GB/GB]; 31 Trewince Road, West Wimbledon, London SW20 8RD (GB).
 (74) SLINGSBY, Philip, Roy 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/30
 (11) WO 03/081466 (13) A2
 (21) PCT/IB03/01094
 (22) 25 Mar/mar 2003 (25.03.2003)
 (25) en (26) en
 (30) 0207016.7 25 Mar/mar 2002 GB (25.03.2002)
 (30) 0209387.0 24 Apr/avr 2002 GB (24.04.2002)
 (30) 0217369.8 26 Jul/juil 2002 GB (26.07.2002)
 (30) 0225789.7 5 Nov/nov 2002 GB (05.11.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • METHOD AND APPARATUS FOR CREATING AN IMAGE PRODUCTION FILE FOR A CUSTOM IMPRINTED ARTICLE
 • PROCEDE ET APPAREIL PERMETTANT DE CREER UN FICHER DE PRODUCTION D'IMAGES POUR ARTICLE IMPRIME PERSONNALISE
 (71) MAKEMYPHONE LIMITED [GB/GB]; 10 Seaforth Avenue, New Malden, Surrey KT3 6JP (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) GOODMAN, David, John [GB/GB]; 10 Seaforth Avenue, New Malden, Surrey KT3 6JP (GB). KENNEDY, Donovan, Ainsley [DE/GB]; 14 Eccles Road, Clapham, Greater London SW11 1LY (GB).
 (74) LUCAS, Phillip, Brian; Lucas & Co., 135 Westhall Road, Warmingham, Surrey CR6 9HJ (GB).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

- (51)⁷ G06F 17/30
(11) WO 03/081467 (13) A2
(21) PCT/IB03/01614
(22) 21 Mar/mar 2003 (21.03.2003)
(25) en (26) en
(30) 60/367,397 21 Mar/mar 2002 US
(21.03.2002)
(30) 10/306,718 27 Nov/nov 2002 US
(27.11.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • COLLABORATION PROCESS
• PROCESSUS DE COLLABORATION
(71) SAP AKTIENGESELLSCHAFT
[DE/DE]; Intellectual Property Department,
Neurottstrasse 16, D-69190 Walldorf (DE).

(72) KALTHOFF, Wolfgang; Max-Reger-Ring
27, D-76669 Bad Schonborn (DE). VOGT,
Thomas; Dr. Rieth-Str. 73, D-67354 Römer-
berg (DE). HUBER, Guenter; Jorg von
Schauenburg Strasse 6, D-77704 Oberkirch
(DE). HOECKELE, Guido; Panoramas-
trasse 20, D-75438 Knittlingen (DE). KOCH,
Beate; Hauaeckerstr. 19, D-70771 Lein-
felden-Echterdingen (DE).

(74) SCHIUMA, Daniele; Müller-Boré & Part-
ner, Grafinger Strasse 2, 81671 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

- (51)⁷ G06F 17/30
(11) WO 03/081468 (13) A2
(21) PCT/IB03/01907
(22) 24 Mar/mar 2003 (24.03.2003)
(25) en (26) en
(30) 60/366,236 22 Mar/mar 2002 US
(22.03.2002)
(30) 10/352,197 28 Jan/jan 2003 US
(28.01.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ONTOLOGY-BASED INFORMA-
TION MANAGEMENT SYSTEM AND
METHOD

• SYSTEME ET PROCEDE DE GESTION
D'INFORMATIONS FONDEE SUR
L'ONTOLOGIE

(71, 72) GARDNER, Steve [GB/GB]; March-
pane House, Loveday Close, Chrishall,
Royston, Herts SG8 8UA (GB).

(74) 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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

- (51)⁷ G06F 17/30
(11) WO 03/081469 (13) A2
(21) PCT/IB03/02025

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en
(30) 60/367,397 21 Mar/mar 2002 US
(21.03.2002)

(30) 10/328,716 23 Dec/déc 2002 US
(23.12.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • EXTERNAL EVALUATION PRO-
CESSES

• PROCESSUS D'EVALUATION EX-
TERNE

(71) SAP AKTIENGESELLSCHAFT
[DE/DE]; Intellectual Property Department,
Neurottstrasse 16, 69190 Walldorf (DE).

(72) KALTHOFF, Wolfgang; Max-Reger-Ring
27, 76669 Bad Schonborn (DE). VOGT,
Thomas; Dr. Rieth-Str. 73, 67354 Römer-
berg (DE). HUBER, Guenter; Jorg von
Schauenburg Strasse 6, 77704 Oberkirch
(DE). HOECKELE, Guido; Panoramas-
trasse 20, 75438 Knittlingen (DE).

(74) SCHIUMA, Daniele; Müller-Boré & Part-
ner, Grafinger Strasse 2, 81671 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

- (51)⁷ G06F 17/30
(11) WO 03/081470 (13) A1
(21) PCT/IE03/00029

(22) 27 Feb/fév 2003 (27.02.2003)

(25) en (26) en

(30) S2002/0152 27 Feb/fév 2002 IE
(27.02.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • "A risk mapping system"
• SYSTEME DE CARTOGRAPHIE DE
RISQUES

(71) INDUSTRIAL INTERFACES LIMITED
[IE/IE]; 32 Sunday's Well Road, Cork City,
County Cork (IE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) SULLIVAN, Andrew [IE/IE]; 32 Sun-
day's Well Road, Cork City, County Cork
(IE). SULLIVAN, Victor [IE/IE]; St Mary's
Villa, Strawberry Hill, Sunday's Well Cork
City, County Cork (IE). THOMPSON, Di-
ana [IE/IE]; Innisfree, Barnavara, Glanmire,
Cork (IE). O'DONOVAN, Fergal [IE/IE];
Cloonlara, Kilkenny Road, Carlow, County
Carlow (IE). DUANE, Sean [IE/IE]; 32 Sun-
day's Well Road, Cork City, County Cork
(IE).

(74) O'CONNOR, Donal, H. et al. / etc.; Cruick-
shank & Co., 1 Holles Street, Dublin 2 (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ G06F 17/30, C12N 1/00, 15/09
(11) WO 03/081471 (13) A1
(21) PCT/JP03/01708

(22) 18 Feb/fév 2003 (18.02.2003)

(25) ja (26) ja

(30) 2002-40746 18 Feb/fév 2002 JP
(18.02.2002)

(30) 2002-262012 6 Sep/sep 2002 JP
(06.09.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • APPARATUS FOR MANAGING GENE
EXPRESSION DATA
• DISPOSITIF DE GESTION DE DON-
NEES D'EXPRESSION GENETIQUE

(71) CELESTAR LEXICO-SCIENCES, INC.
[JP/JP]; Makuhari Techno Garden D17,
1-3, Nakase, Mihama-ku, Chiba-shi, Chiba
261-8501 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) UEMURA, Yasuo [JP/JP]; c/o Cele-
star Lexico-Sciences, Inc., Makuhari
Techno Garden D17, 1-3, Nakase, Mi-
hama-ku, Chiba-shi, Chiba 261-8501 (JP).
DOI, Hirofumi [JP/JP]; c/o Celestar Lex-
ico-Sciences, Inc., Makuhari Techno Garden
D17, 1-3, Nakase, Mihama-ku, Chiba-shi,

Chiba 261-8501 (JP). KAWAMURA, Akira [JP/JP]; c/o Celestar Lexico-Sciences, Inc., Makuhari Techno Garden D17, 1-3, Nakase, Mihama-ku, Chiba-shi, Chiba 261-8501 (JP).

(74) SAKAI, Hiroaki et al. / etc.; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ G06F 17/30, H04N 7/173

(11) WO 03/081472 (13) A1

(21) PCT/JP03/02102

(22) 26 Feb/fév 2003 (26.02.2003)

(25) ja (26) ja

(30) 2002-089337 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • INFORMATION PROCESSING APPARATUS AND METHOD
• DISPOSITIF ET PROCEDE DE TRAITEMENT D'INFORMATIONS

(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, Nobuyuki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TSUNOKAWA, Motoki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). NARAHARA, Tatsuya [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). WATANABE, Kazuhiro [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) KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ G06F 17/30

(11) WO 03/081473 (13) A1

(21) PCT/US02/08759

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A METHOD FOR PROVIDING INFORMATION AND RECOMMENDATIONS BASED ON USER ACTIVITY

• PROCEDE POUR FOURNIR DES INFORMATIONS ET DES RECOMMANDATIONS SUR LA BASE DES ACTIVITES D'UN UTILISATEUR

(71, 72) GOTTFURCHT, Elliot, A. [US/US]; 1018 Hartzell Street, Pacific Palisades, CA 90272 (US).

(72) GOTTFURCHT, Grant, E.; 1020 Monument Street, Pacific Palisades, CA 90272

(US). DUNN, Shawn, C.; 1441 Midvale Avenue #7, Los Angeles, CA 90024 (US).

(74) COESTER, Thomas, M. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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)⁷ G06F 17/30

(11) WO 03/081474 (13) A2

(21) PCT/US03/07164

(22) 10 Mar/mar 2003 (10.03.2003)

(25) en (26) en

(30) 60/364,540 16 Mar/mar 2002 US (16.03.2002)

(30) Not furnished / non communiqué 7 Mar/mar 2003 US (07.03.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ELECTRONIC HEALTHCARE MANAGEMENT FORM NAVIGATION
• NAVIGATION DANS UN FORMULAIRE DE SOINS DE SANTE ELECTRONIQUE

(71) SIEMENS MEDICAL SOLUTIONS HEALTH SERVICES CORPORATION [US/US]; 51 Valley Stream Parkway, Malvern, PA 19355 (US).

(72) BRITTON, Catherine; 2380 Deep Hollow Road, Dover, PA 17135 (US). RAO, Kiron; Cendr-B-3, Off Airport Road, Bangalore 560 034 (IN). STEINBERG, Terri H.; 712 Haines Mill Road, West Chester, PA 19382 (US).

(74) BURKE, Alexander J. 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 HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G06F 17/30

(11) WO 03/081475 (13) A1

(21) PCT/US03/07433

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 10/102,104 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MANAGEMENT AND REPORTING SYSTEM AND PROCESS FOR USE WITH MULTIPLE DISPARATE DATABASES

• SYSTEME ET PROCEDE DE GESTION ET DE COMPTE RENDU DESTINES A

ETRE UTILISES DANS DES BASES DE DONNEES VARIEES MULTIPLES

(71) OCWEN TECHNOLOGY XCHANGE, INC. [US/US]; 1675 Palm Beach Lakes Boulevard, Suite 1002, West Palm Beach, FL 33401 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RUBY, Christopher, M. [US/US]; 1274 The Pointe Drive, West Palm Beach, FL 33409 (US). TESSMAN, Chase, N. [US/US]; 18348 Coral Chase Drive, Boca Raton, FL 33498 (US). LANGOLF, Michael, R. [US/US]; 3883 Island Club Circle W., Lantana, FL 33462 (US).

(74) NIXON, Dale, B. et al. / etc.; Sidley Austin Brown & Wood LLP, 717 N. Harwood, Suite 3400, Dallas, TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06F 17/30

(11) WO 03/081476 (13) A2

(21) PCT/US03/07779

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 10/102,968 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND DATA STRUCTURE FOR A LOW MEMORY OVERHEAD DATABASE

- PROCEDE ET STRUCTURE DE DONNEES PERMETTANT D'OBTENIR UNE BASE DE DONNEES A TEMPS SYSTEME DE SAUVEGARDE REDUIT
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) KURUPATI, Sreenath; 2016-3 Klamath Avenue, Santa Clara, CA 95051 (US). GUERRERO, Miguel; 47079 Bennis Terrace, Fremont, CA 94539 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/30
(11) WO 03/081477 (13) A1
(21) PCT/US03/08225
(22) 17 Mar/mar 2003 (17.03.2003)
(25) en (26) en
(30) 60/365,975 19 Mar/mar 2002 US (19.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • ARCHITECTURE AND METHOD FOR INTEGRATING AND PRESENTING MEDICAL INFORMATION
• ARCHITECTURE ET PROCEDE POUR INTEGRER ET PRESENTER DES INFORMATIONS MEDICALES
- (71) MEDHAND INTERNATIONAL INC. [US/US]; c/o Fasth Law Offices, 629 E. Boca Raton Road, Phoenix, AZ 85022 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANDERSSON, Henrik [SE/SE]; Ostermalmsgatan 59, S-114 50 Stockholm (SE).
- (74) FASTH, Rolf; Fasth Law Offices, 629 E. Boca Raton Road, Phoenix, AZ 85022 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/30
(11) WO 03/081478 (13) A1
(21) PCT/US03/08265
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 60/365,517 20 Mar/mar 2002 US (20.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • RULE PROCESSING SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE GESTION DE REGLES
- (71) RESOLUTIONEBS, INC. [US/US]; 2240 CityGate Drive, Columbus, OH 43219 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUELSMAN, David, L. [US/US]; 211 Chantwell Court, Reynoldsburg, OH 43068 (US). LOVE, Sharon, E. [US/US]; 7265 Havens Road, Blacklick, OH 43004 (US). MAIR, Douglas, M. [US/US]; 554 Timberlake Drive, Westerville, OH 43081 (US).
- (74) HARBIN, Lawrence; 500 9th Street, SE, Washington, DC 20003 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/30
(11) WO 03/081479 (13) A2
(21) PCT/US03/08299
(22) 17 Mar/mar 2003 (17.03.2003)
(25) en (26) en
(30) 10/101,343 19 Mar/mar 2002 US (19.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • A PROCESSING SYSTEM FOR USE WITH A USER INTERFACE DISPLAY
• SYSTEME DE TRAITEMENT DESTINE A ETRE UTILISE AVEC UN DISPOSITIF D'AFFICHAGE D'INTERFACE UTILISATEUR
- (71) SIEMENS MEDICAL SOLUTIONS HEALTH SERVICES CORPORATION [US/US]; 51 Valley Stream Parkway, Malvern, PA 19355 (US).
- (72) HALEY, John, D.; 227 Shoreline Drive, Honey Brook, PA 19344 (US).
- (74) BURKE, Alexander, J. 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 HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ G06F 17/30
(11) WO 03/081480 (13) A1
(21) PCT/US03/08437
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
(30) 60/366,181 20 Mar/mar 2002 US (20.03.2002)
(30) 10/327,277 20 Dec/déc 2002 US (20.12.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD AND SYSTEM FOR TRACKING THE IDENTITY OF AN AGRICULTURAL PRODUCT
• PROCEDE ET SYSTEME DE DETERMINATION D'IDENTITE D'UN PRODUIT AGRICOLE
- (71) DEERE & COMPANY [US/US]; One John Deere Place, Moline, IL 61265 (US).
- (72) BECK, Andy, D.; 3107 78th St., Urbandale, IA 50322 (US). PICKETT, Terence, D.; 3115 Cottonwood Dr., Waukegan, IA 50263 (US). NELSON, Frederick, W.; 1935 Olson Dr., Waukegan, IA 50263 (US). WAGNER, Thomas, K.; 3002 SW Covets Dr., Ankeny, IA 50021 (US).
- (74) BARTHOLOMEW, Darin, E.; Deere & Company, 3rd Floor, Patent Dept., One John Deere Place, Moline, IL 61265 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ G06F 17/30
(11) WO 03/081481 (13) A1
(21) PCT/US03/08517
(22) 18 Mar/mar 2003 (18.03.2003)
(25) en (26) en
(30) 60/365,555 18 Mar/mar 2002 US (18.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DYNAMIC HIERARCHIES SYSTEM AND METHOD FOR THIN DEVICES
• SYSTEME A HIERARCHIES DYNAMIQUES ET PROCEDE POUR DISPOSITIFS MINCES
- (71) WYSE TECHNOLOGY INC. [US/US]; 3471 North First Street, Building 3, San Jose, CA 95134 (US).
- (72) DASEKE, Michael, J.; 4417 Bryn Mawr, Dallas, TX 75225 (US). LAMPERT, Kirk, M.; 1685 Niagra Boulevard, Lewisville, TX 75077 (US).

- (74) **EAKIN, James, E.** / et al. / etc.; Pillsbury Winthrop LLP, 2550 Hanover Street, Palo Alto, CA 94304-1115 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/30**
- (11) **WO 03/081482** (13) A1
- (21) PCT/US03/08648
- (22) **20 Mar/mar 2003 (20.03.2003)**
- (25) en (26) en
- (30) 60/366,181 **20 Mar/mar 2002 US (20.03.2002)**
- (30) 10/327,277 **20 Dec/déc 2002 US (20.12.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **METHOD AND SYSTEM FOR TRACING THE IDENTITY OF AN AGRICULTURAL PRODUCT USING DATA HANDOFF**
- **PROCEDE ET SYSTEME DE TRACAGE DE L'IDENTITE D'UN PRODUIT AGRICOLE FAISANT APPEL A UN TRANSFERT DE DONNEES**
- (71) **DEERE & COMPANY** [US/US]; One John Deere Place, Moline, IL 61265 (US).
- (72) **BECK, Andy, D.**; 3107 78th St., Urbandale, IA 50322 (US). **PICKETT, Terence, D.**; 3115 Cottonwood Dr., Waukee, IA 50263 (US). **NELSON, Frederick, W.**; 1935 Olson Dr., Waukee, IA 50263 (US). **WAGNER, Thomas, K.**; 3002 SW Covos Dr., Ankeny, IA 50021 (US).
- (74) **BARTHLOMEW, Darin, E.**; Deere & Company, 3rd Floor, Patent Dept., One John Deere Place, Moline, IL 61265 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ **G06F 17/30**
- (11) **WO 03/081483** (13) A1
- (21) PCT/US03/08704
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) en (26) en
- (30) 60/365,493 **18 Mar/mar 2002 US (18.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **METHOD AND DEVICE FOR DETERMINING DEFORMATIONS**
- **PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER DES DEFORMATIONS**
- (71, 72) **KOENEMANN, Falk, H.** [DE/DE]; Im Johannistal 19, 52064 Aachen (DE).
- (74) **PATENTANWÄLTE JOSTARNDT - THUL**; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (s) for all designations / pour toutes les désignations
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-
- (51)⁷ **G06F 17/50**
- (11) **WO 03/081485** (13) A1
- (21) PCT/US03/08091
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) en (26) en
- (30) 60/366,323 **20 Mar/mar 2002 US (20.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **COORDINATE MEASUREMENT SYSTEM AND METHOD**
- **SYSTEME ET PROCEDE DE MESURE DE COORDONNEES**
- (71) **FARO TECHNOLOGIES, INC.** [US/US]; 125 Technology Park, Lake Mary, FL 32746 (US).
- (72) **RAAB, Simon**; 1640 East Adams Drive, Maitland, FL 32751 (US).
- (74) **FOX, David, A.**; Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/50**
- (11) **WO 03/081486** (13) A1
- (21) PCT/US03/08489
- (22) **19 Mar/mar 2003 (19.03.2003)**
- (25) en (26) en
- (30) 60/366,129 **20 Mar/mar 2002 US (20.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • **METHOD OF DESIGNING PARTIALLY COMPOSITE CONCRETE SANDWICH PANELS AND SUCH PANELS**
- **PROCEDE DE CONCEPTION DE PANNEAUX SANDWICH EN BETON PARTIELLEMENT COMPOSITE**
- (71) **COMPOSITE TECHNOLOGIES COOPERATION** [US/US]; 100 Technology Drive, Boone, IA 50036 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DONAHEY, Rex C.** [US/US]; 4325 Meadow Valley Drive, West Des Moines, IA 50265 (US). **SEEBER, Kim E.** [US/US]; 3529 Deer Ridge Road, Contonment, FL 32533 (US).
- (74) **ROSENBERG, Daniel A.** et al. / etc.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/60, 153/00, 17/30**
- (11) **WO 03/081487** (13) A1
- (21) PCT/AU03/00355
- (22) **24 Mar/mar 2003 (24.03.2003)**

- (25) en (26) en
- (30) 60/367,207 25 Mar/mar 2002 US
(25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND APPARATUS FOR STORING AND RETRIEVING ITEMS
• PROCEDE ET APPAREIL PERMETTANT DE STOCKER ET D'EXTRAIRE DES ARTICLES
- (71) RIVERSDALE DISTRIBUTORS PTY LTD [AU/AU]; Level 6, 616 St Kilda Road, Melbourne, Victoria 3004 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GOLDSCHLAGER, Leslie, Michael [AU/AU]; 9 Sorrett Avenue, Malvern, Victoria 3144 (AU).
- (74) GRIFFITH HACK; 509 St Kilda Road, Melbourne, Victoria 3004 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/60
- (11) WO 03/081489 (13) A2
- (21) PCT/CA03/00425
- (22) 26 Mar/mar 2003 (26.03.2003)
- (25) en (26) en
- (30) 60/367,827 27 Mar/mar 2002 US
(27.03.2002)
- (30) 60/424,867 8 Nov/nov 2002 US
(08.11.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CODING, TRACKING AND REPORTING NEGOTIABLE ITEMS AND RELATED NON-NEGOTIABLE DOCUMENTS
• CODAGE, SUIVI ET RAPPORT D'ARTICLES NEGOCIABLES ET DOCUMENTS NON NEGOCIABLES ASSOCIÉS
- (71) CODE & TRACK INC. [CA/CA]; 864 Davenport Road, Toronto, Ontario M6G 2B6 (CA).
- (72) MOORE, Jane, M.; 864 Davenport Road, Toronto, Ontario M6G 2B6 (CA). MOORE, George, W., K.; 864 Davenport Road, Toronto, Ontario M6G 2B6 (CA). JOHNSTON, Keri, A., F.; 164 Cumberland Avenue, Suite 608, Toronto, Ontario M5R 1A8 (CA). RENTON, Darin, R.; 164 Cumberland Avenue, Suite 608, Toronto, Ontario M5R 1A8 (CA).
- (74) WASSENAAR, Michelle; JOHNSTON AVISAR, 56 The Esplanade, Suite 401, Toronto, Ontario M5E 1A7 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/60, 159/00
- (11) WO 03/081488 (13) A1
- (21) PCT/AU03/00378
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) en (26) en
- (30) PS 1412 27 Mar/mar 2002 AU
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MANAGEMENT SYSTEM FOR CONDUCTING A PROCEDURE AND METHOD FOR MANAGING A PURCHASE BY A CUSTOMER
• SYSTEME DE GESTION PERMETTANT DE CONDUIRE UNE PROCEDURE ET PROCEDE DE GESTION D'ACHAT PAR UN ACHETEUR
- (71) ARGUS BIOMEDICAL PTY LTD [AU/AU]; 2 Verdun Street, Nedlands, Western Australia 6009 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HICKS, Celia, Rachel [AU/AU]; 2 Verdun Street, Nedlands, Western Australia 6009 (AU). WILLIAMS, James [AU/AU]; 2 Verdun Street, Nedlands, Western Australia 6009 (AU). WRAY, Helen [AU/AU]; 2 Verdun Street, Nedlands, Western Australia 6009 (AU). COX, David [AU/AU]; 2 Verdun Street, Nedlands, W.A. 6009 (AU). McCALL, Elizabeth [AU/AU]; 2 Verdun Street, Nedlands, W.A. 6009 (AU).
- (74) WRAY & ASSOCIATES; Level 4, The Quadrant, 1 William Street, Perth, Western Australia 6000 (AU).
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- (51)⁷ G06F 17/60
- (11) WO 03/081490 (13) A2
- (21) PCT/GB03/01303
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 0206625.6 20 Mar/mar 2002 GB
(20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CONTRACT PRODUCTION SYSTEM
• SYSTEME PERMETTANT D'ELABORER UN CONTRAT
- (71) MUSILEX LIMITED [GB/GB]; Norcott, 68 Foreland Road, Bembridge, Isle of Wight PO35 5UA (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RANN, Nicholas [GB/GB]; Norcott, 68 Foreland Road, Bembridge, Isle of Wight PO35 5UA (GB).
- (74) BUTLER, Michael; 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) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (i)
-
- (51)⁷ G06F 17/60
- (11) WO 03/081491 (13) A2
- (21) PCT/IB02/00928
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • THE MANAGEMENT OF WORK FORCES
• GESTION DE LA MAIN D'OEUVRE
- (71, 72) VAN ZYL, Brian [ZA/ZA]; 13 McLean Road, Mill Park, Port Elizabeth, 6001 Western Cape (ZA).
- (74) LEWIS, Alan; Adams & Adams (Johannesburg), 3rd Floor, 23 Wellington Road, Parktown, Johannesburg, 2193 Gauteng (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.
-
- Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations

(84) AP (GH GM 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)⁷ G06F 17/60

(11) WO 03/081492 (13) A1

(21) PCT/JP02/11049

(22) 24 Oct/oct 2002 (24.10.2002)

(25) ja (26) ja

(30) PCT/JP02/02746 22 Mar/mar 2002 JP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BUSINESS PROFIT IMPROVEMENT SUPPORT SYSTEM

• SYSTEME DE SOUTIEN DE L'AMELIORATION DES BENEFICES D'UNE ENTREPRISE

(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) KATAOKA, Isaburo [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) MIZOI, Shoji et al. / etc.; NTA Ofuna Building 3rd floor, 17-10, Ofuna 2-chome, Kamakura-shi, Kanagawa 247-0056 (JP).

(81) CN DE GB JP US.

(51)⁷ G06F 17/60

(11) WO 03/081493 (13) A1

(21) PCT/JP02/02746

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BUSINESS PROFIT IMPROVEMENT SUPPORT SYSTEM

• SYSTEME DE SUPPORT D'AMELIORATION DU BENEFICE D'EXPLOITATION

(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) KATAOKA, Isaburo [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) MIZOI, Shoji et al. / etc.; NTA Ofuna Building 3rd floor, 17-10, Ofuna 2-chome, Kamakura-shi, Kanagawa 247-0056 (JP).

(81) DE GB JP US.

(51)⁷ G06F 17/60

(11) WO 03/081494 (13) A1

(21) PCT/JP02/02774

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TRADING SECURITY DETERMINATION SUPPORTING METHOD AND SYSTEM

• SYSTEME ET PROCEDE DE SUPPORT PAR DETERMINATION DES TITRES DU MARCHÉ

(71) KEN MILLENNIUM, INC. [JP/JP]; 3-11, Nohonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORITA, Ken-ichi [JP/JP]; c/o Ken Millennium, Inc., 3-11, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).

(74) KIMURA, Mitsuru; 7th Floor, Kyohan Building, 7, Kandanishiki-cho 2-chome, Chiyoda-ku, Tokyo 101-0054 (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)⁷ G06F 17/60

(11) WO 03/081495 (13) A1

(21) PCT/JP02/02858

(22) 25 Mar/mar 2002 (25.03.2002)

(25) ja (26) ja

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CASH AUTOMATIC DEALING SYSTEM

• SYSTÈME D'OPÉRATION AUTOMATIQUE EN ESPÈCES

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OHARA, Yoji [JP/JP]; C/O FUJITSU TERMINAL SYSTEMS LIMITED, 8-3, Tonyamachi 1-chome, Maebashi-shi, Gunma 371-0855 (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) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06F 17/60, B09B 5/00, E04G 21/00

(11) WO 03/081496 (13) A1

(21) PCT/JP02/02859

(22) 25 Mar/mar 2002 (25.03.2002)

(25) ja (26) ja

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR MANAGING SOLID MATTER OR BUILDING MATERIAL

• PROCEDE DE GESTION DE MATIERE SOLIDE OU DE MATERIAU DE CONSTRUCTION

(71) ITOCHU CORPORATION [JP/JP]; 1-3, kyutaro-cho 4-chome, chuo-ku, Osaka-shi, Osaka 541-0056 (JP). NIPPON LIGHT METAL COMPANY LTD. [JP/JP]; 2-20, Higashishinagawa 2-chome, Shinagawa-ku, Tokyo 140-0002 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUZUKI, Takashi [JP/JP]; C/O ITOCHU Corporation, 5-1, Kitaoyama 2-chome, Minato-ku, Tokyo 107-8077 (JP). YAMAGUCHI, Hitoshi [JP/JP]; C/O Nippon Light Metal Company Ltd., 2-20, Higashishinagawa 2-chome, Shinagawa-ku, Tokyo 140-0002 (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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 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)⁷ G06F 17/60

(11) WO 03/081497 (13) A1

(21) PCT/JP02/02861

(22) 25 Mar/mar 2002 (25.03.2002)

(25) ja (26) ja

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HOTEL FACILITY RESERVATION STATUS RETRIEVING DEVICE AND METHOD: AND RECORDING MEDIUM

• DISPOSITIF DE RECHERCHE DE L'ETAT DES RESERVATIONS D'INSTALLATIONS D'HOTEL

(71) ISHIBASHI INCORPORATED [JP/JP]; 5-18, Nishiki-cho, Kashiwazaki-shi, Niigata 945-0052 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISHIBASHI, Tatsuya [JP/JP]; C/O ISHIBASHI INCORPORATED, 5-18, Nishiki-cho, Kashiwazaki-shi, Niigata 945-0052 (JP).

(74) AKAZAWA, Kazuhiro; Rokkaku Bldg., 6F, 617, Manjuya-cho, Karasuma-dori Rokkaku Agaru, Nakagyo-ku, Kyoto-shi, Kyoto 604-8161 (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)⁷ G06F 17/60
(11) WO 03/081498 (13) A1
(21) PCT/JP03/00233
(22) 14 Jan/jan 2003 (14.01.2003)
(25) ja (26) ja
(30) 2002-80893 22 Mar/mar 2002 JP
(22.03.2002)
(30) 2002-327110 11 Nov/nov 2002 JP
(11.11.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • USER MANAGEMENT APPARATUS, METHOD, PROGRAM, COMPUTER-READABLE RECORDING MEDIUM CONTAINING THE PROGRAM
• APPAREIL DE GESTION D'UTILISATEURS, PROCÉDE, PROGRAMME ET SUPPORT LISIBLE PAR ORDINATEUR CONTENANT CE PROGRAMME
(71, 72) MORISAKO, Kenji [JP/JP]; 243-14, Sanba-cho, Onomichi-shi, Hiroshima 722-0052 (JP).
(74) SUDA, Eiichi; SUDA & Co., Ono Building 2F, 61-6, Okishinmachi, Kurashiki-shi, Okayama 710-0837 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations; (i) for all designations / pour toutes les désignations

(51)⁷ G06F 17/60
(11) WO 03/081499 (13) A1
(21) PCT/JP03/03160
(22) 17 Mar/mar 2003 (17.03.2003)
(25) ja (26) ja
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(22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • LICENSE MANAGEMENT METHOD AND LICENSE MANAGEMENT APPARATUS
• PROCÉDE ET DISPOSITIF DE GESTION DE LICENCE
(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) MORINO, Harumi [JP/JP]; c/o Systems Development Laboratory, Hitachi, Ltd., 1099, Ouzenji, Asao-ku, Kawasaki-shi, Kanagawa

215-0013 (JP). OKAYAMA, Masataka [JP/JP]; c/o Systems Development Laboratory, Hitachi, Ltd., 1099, Ouzenji, Asao-ku, Kawasaki-shi, Kanagawa 215-0013 (JP).
(74) SAKUTA, Yasuo; c/o Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).
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(51)⁷ G06F 17/60
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(21) PCT/JP03/03388
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(30) 2003/32986 10 Feb/fév 2003 JP
(10.02.2003)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • COMMUNICATION DEVICE, PRINTER, AND EXPENDABLE PARTS ORDER ACCEPTING DEVICE
• DISPOSITIF DE COMMUNICATION, IMPRIMANTE, DISPOSITIF DE RECEPTION DE COMMANDE DE CONSOMMABLES
(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) NAKANISHI, Takashi [JP/JP]; 18-1, Shioya-cho 9-chome, Tarumi-ku, Kobe-shi, Hyogo 655-0872 (JP). MURATA, Kazuyuki [JP/JP]; 15-10, Kasumizaka 2-chome, Kyotanabe-shi, Kyoto 610-0352 (JP). YAMAGUCHI, Takehito [JP/JP]; 22-516, Takatsuka-cho 2-chome, Hirakata-shi, Osaka 573-0035 (JP).
(74) NII, Hiromori; c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suhiro Center Bldg., 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
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(43) 2 Oct/oct 2003 (02.10.2003)
(54) • ASSET MANAGEMENT DEVICE, ASSET MANAGEMENT METHOD, AND ASSET MANAGEMENT CONSIGNMENT CONTRACT METHOD
• DISPOSITIF DE GESTION D'ACTIFS, PROCÉDE DE GESTION D'ACTIFS ET PROCÉDE DE CONTRAT DE LIVRAISON DE GESTION D'ACTIFS
(71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).
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(72, 75) KUBO, Ryo [JP/JP]; 5-26-3, Ozenjihigashi, Asao-ku, Kawasaki-shi, Kanagawa 215-0018 (JP). IWAI, Masami [JP/JP]; 606, Lions-Garden-Kamoi, 1-3-5, Kamoi, Midori-ku, Yokohama-shi, Kanagawa 226-0003 (JP). KANO, Yasuhiro [JP/JP]; 3-6-8, Nakatomiminami, Tokorozawa-shi, Saitama 359-0003 (JP). INUBUSHI, Hiroyuki [JP/JP]; 1-25-57, Musashidai, Fuchu-shi, Tokyo 183-0042 (JP). NISHIMURA, Mariko [JP/JP]; 612, Tsurumi-Sky-Heights, 1-6-29, Motomiya, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0004 (JP). UCHIDA, Yasushi [JP/JP]; 2-43-31, Kamiyama, Midori-ku, Yokohama-shi, Kanagawa 226-0012 (JP).
(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
(81) AU CA ID IN US.
(84) EP (IT).
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(11) WO 03/081502 (13) A2
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(54) • CODE, DEVICE AND METHOD
• CODE, DISPOSITIF ET PROCÉDE
(71, 72) KOZICA, Marcus [SE/SE]; Hjárnegatan 4, 3tr. ög, S-112 29 Stockholm (SE). GUSTAVSSON, Vilhelm [SE/SE]; Skeppargatan 100, 4 tr, S-115 30 Stockholm (SE).
(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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TOTAL RETURN ASSET CONTRACTS AND ASSOCIATED PROCESSING SYSTEMS

- CONTRATS DE RENDEMENT TOTAL DE L'ACTIF ET SYSTEME DE TRAITEMENT ASSOCIES

(71) MERRILL LYNCH & CO., INC. [US/US]; 250 Vesey Street, New York, NY 10281 (US).

(72) BODURTHA, Stephen, G.; 52 Starin Drive, Stamford, CT 06902 (US). CHADA, Satyanarayan; 400 Chambers #10U, New York, NY 10280 (US). COX, Mitchell, M.; 1 Dey Ct., Towaco, NJ 07082 (US). LEE, Thomas, W.; 17 Glen Lane, Levittown, NY 11756 (US).

(74) BOLLINGER, James, M. 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHODS AND SYSTEMS FOR PROVIDING AN ON-LINE INTERACTION MANAGER

- PROCEDES ET SYSTEMES DE FOURNITURE D'UN GESTIONNAIRE D'INTERACTION EN LIGNE

(71) BLUE MARTINI SOFTWARE, INC. [US/US]; 2600 Campus Drive, Suite 100, San Mateo, CA 94403 (US).

(72) ZWEBEN, Monte; 2600 Campus Drive, San Mateo, CA 94403 (US). BROWN, Robert, L.; 2018 San Rafael Court, Santa Clara, CA 95051 (US). YEH, Christopher, B.; 2317 Isabelle Avenue, San Mateo, CA 94403 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

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(21) PCT/US03/08627

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

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(30) 10/371,718 20 Feb/fév 2003 US (20.02.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMPUTER & INTERNET SOFTWARE APPLICATION FOR GLOBAL PORTFOLIO MANAGEMENT SYSTEM METHOD & APPARATUS

- APPLICATION LOGICIELLE INFORMATIQUE ET SUR INTERNET POUR PROCEDE ET APPAREIL DE SYSTEME DE GESTION DE PORTEFEUILLE AU PLAN MONDIAL

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 Munchen (DE). SIEMENS CORPORATE RESEARCH, INC. [US/US]; 755 College Road East, Princeton, NJ 08540 (US).

(72) PESCHEL, Andreas; Ridlerstr. 55, 80339 Munchen (DE). WIEDEMANN, Albert; Aidenbachstr. 136, 81479 Munchen (DE). PIRGSTALLER, Peter; Rudelsburgstr. 2, 81375 Munchen (DE). ZINKE, Thomas; Wehneltsteig 10, 13629 Berlin (DE).

(74) WALLACE JR., Michael J. et al. / etc.; Siemens Corporation - Intellectual Property Dept., 170 Wood Ave. South, Iselin, NJ 08830 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 19/00

(11) WO 03/081506 (13) A2

(21) PCT/CA03/00389

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/366,277 22 Mar/mar 2002 US (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD OF VISUALIZING NON-TARGETED METABOLOMIC DATA GENERATED FROM FOURIER

TRANSFORM ION CYCLOTRON RESONANCE MASS SPECTROMETERS

- PROCEDE DE VISUALISATION DE DONNEES METABOLOMIQUES NON CIBLEES GENEREES PAR DES SPECTROMETRES DE MASSE PAR RESONANCE CYCLOTRONIQUE DES IONS A TRANSFORMEE DE FOURIER

(71) PHENOMENOME DISCOVERIES INC. [CA/CA]; 204-407 Downey Road, Saskatoon, Saskatchewan S7N 4L8 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEATH, Douglas [CA/CA]; 204-407 Downey Road, Saskatoon, Saskatchewan S7N 4L8 (CA). GOODENOWE, Dayan [CA/CA]; Box 27005, Saskatoon, Saskatchewan S7K 2B2 (CA).

(74) ERRATT, Judy, A. et al. / etc.; Gowling Lafleur Hendersen 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 19/00

(11) WO 03/081507 (13) A1

(21) PCT/IB02/02019

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR FILTERING NUCLEIC OR PROTEIC SEQUENCE DATA

- PROCEDE DE FILTRAGE DE DONNEES DE SEQUENCES NUCLEIQUES OU PROTEIQUES

(71) GENE-IT [FR/FR]; 147, avenue Paul Doumer, F-92500 Rueil Malmaison (FR).

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(72, 75) GLEMET, Eric [FR/FR]; 4, rue Molière, F-92400 Courbevoie (FR).

(74) MARTIN, Jean-Jacques; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU 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).

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(u) for / pour US only / seulement

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(21) PCT/IB03/01116
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
(30) 02076162.3 25 Mar/mar 2002 EP (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • CARDIAC PERFUSION ANALYSIS
• ANALYSE PAR PERFUSION CARDIAQUE
(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) BREEUWER, Marcel [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(74) SCHOUTEN, Marcus, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ G06F 19/00
(11) WO 03/081509 (13) A2
(21) PCT/IB03/01435
(22) 24 Mar/mar 2003 (24.03.2003)
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(30) 60/366,574 25 Mar/mar 2002 US (25.03.2002)
(30) 10/325,981 23 Dec/déc 2002 US (23.12.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DATA MINING OF SNP DATABASES FOR THE SELECTION OF INTRAGENIC SNPs
• EXPLORATION DE BASES DE DONNEES DE SNPs EN VUE DE LA SELECTION DE SNPs INTRAGENIQUES
(71) JANSSEN PHARMACEUTICA, NV [BE/BE]; Turnhoutseweg 30, B-2340 Beerse (BE).
(72) AERTS, Jan; 2 Pastoor Ceulemansstraat, B-2330 Merksplas (BE). WETZELS, Yves; Elsenstraat 10B8, B-3500 Hasselt (BE). COHEN, Nadine; 14 Ridge Road, Warren, NJ

- 07059 (US). AERSSENS, Jeroen; 77 Albert Woutersstraat, B-3012 Wilslele (Leuven) (BE).
(74) BECKER, Philippe et al. / etc.; Becker et Associés, 35, rue des Mathurins, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ G06F 19/00
(11) WO 03/081510 (13) A1
(21) PCT/IN02/00064
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD AND SYSTEM TO BUILD OPTIMAL MODELS OF 3-DIMENSIONAL MOLECULAR STRUCTURES
• PROCEDE ET SYSTEME DE CONSTRUCTION DE MODELES OPTIMAUX DE STRUCTURES MOLECULAIRES TRIDIMENSIONNELLES
(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
(72) GAUTHAM, N.; Department of Crystallography and Biophysics, University of Madras, Chennai 600 025, Tamil Nadu (IN). VENGADESAN, K.; Department of Crystallography and Physics, University of Madras, Chennai 600 025, Tamil Nadu (IN).
(74) HARIHARAN, Subramaniam et al. / etc.; Subramaniam, Nataraj & Associates, E-556 Greater Kailash II, New Delhi 110 048, Maharashtra (IN).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG 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)⁷ G06F 19/00
(11) WO 03/081511 (13) A2
(21) PCT/US03/08158
(22) 17 Mar/mar 2003 (17.03.2003)
(25) en (26) en
(30) 10/102,327 20 Mar/mar 2002 US (20.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
(54) • DISTRIBUTED DIAGNOSTIC IMAGING SYSTEMS
• SYSTEMES REPARTIS D'IMAGERIE DIAGNOSTIQUE
(71) KONINKLIJKE PHILIPS ELECTRONICS NV [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) GAGNON, Daniel [CA/US]; 2928 Wilson Lane, Twinsburg, OH 44087-2953 (US). MCNALLY, James, M. [US/US]; 7919 Larkspur Lane, Chagrin Falls, OH 44022 (US). STECKNER, Michael, C. [CA/US]; 467 Wordsworth Court, Richmond Heights, OH 44143 (US). STOLK, Jacob, A. [NL/US]; 2508 South 1500 East, Salt Lake City, UT 84106 (US). YOUNG, Terence, P. [GB/GB]; 87 Cannon Leys, Chelmsford, Essex CM2 8PB (GB).
(74) LUNDIN, Thomas, M. et al. / etc.; Philips Intellectual Property & Standards, 595 Miner Road, Cleveland, OH 44143 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ G06F 19/00
(11) WO 03/081512 (13) A1
(21) PCT/US03/08388
(22) 18 Mar/mar 2003 (18.03.2003)
(25) en (26) en
(30) 60/365,395 18 Mar/mar 2002 US (18.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • COMPUTER CONTROLLED GRINDING MACHINE
• MACHINE A RECTIFIER COMMANDEE PAR ORDINATEUR
(71) SMARSH, Steven, G. [US/US]; 38854 Parkview Drive, Clinton Township, MI 48036 (US).
(71, 72) GEHRKE, Brian, M. [US/US]; 21825 N. Nunneley Drive, Clinton Township, MI 48036 (US).
(74) CARGILL, Lynn, E. et al. / etc.; Cargill & Associates, P.L.L.C., 56 Macomb Place, Mount Clemens, MI 48043-5636 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G06F 19/00

(11) WO 03/081513 (13) A1

(21) PCT/US03/08513

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/100,184 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD, SYSTEM AND MEDIUM FOR CONTROLLING SEMICONDUCTOR WAFER PROCESSES USING CRITICAL DIMENSION MEASUREMENTS

• PROCEDE, SYSTEME ET SUPPORT PERMETTANT DE COMMANDER DES TRANSFORMATIONS DE PLAQUETTES SEMI-CONDUCTRICES AU MOYEN DE MESURES DE DIMENSIONS CRITIQUES

(71) APPLIED MATERIALS, INC. [US/US]; (a corporation of Delaware), P.O. Box 450A, Santa Clara, CA 95052 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AL-BAYATI, Amir [US/US]; 1489 Partridge Drive, Gilroy, CA 95020 (US). ADIBI, Babak [GB/US]; 439 Knoll Drive, Los Altos, CA 94024 (US). FOAD, Majeed [GB/US]; 640 Sheraton Drive, Sunnyvale, CA 94087 (US). SOMEKH, Sasson [US/US]; 25625 Moody Road, Los Altos Hills, CA 94022 (US).

(74) BERNADICOU, Michael, A. 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 163/00 // H04B 7/185, G01S 5/02, G01C 21/28, B61L 23/00, 25/02

(11) WO 03/081514 (13) A1

(21) PCT/AU03/00342

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) PS 1237 22 Mar/mar 2002 AU (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • VEHICLE NAVIGATION, COLLISION AVOIDANCE AND CONTROL SYSTEM

• SYSTEME DE NAVIGATION POUR VEHICULES, D'EVITEMENT DES COLLISIONS ET DE CONTROLE

(71, 72) NAHLA, Ibrahim [AU/AU]; 1 Anglesea, 7 Mockridge Ave, Newington NSW 2127 (AU).

(74) WALSH, John, Richard; Walsh & Associates, Locked Bag 2011, Glebe Post Office, Glebe, NSW 2037 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 5/00

(11) WO 03/081515 (13) A1

(21) PCT/US03/02123

(22) 22 Jan/jan 2003 (22.01.2003)

(25) en (26) en

(30) 10/101,219 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ENHANCED IDENTIFICATION APPLICATION

• APPAREIL D'IDENTIFICATION AME-LIORE

(71) PRECISION DYNAMICS CORPORATION [US/US]; 13880 Del Sur Street, San Fernando, CA 91340-3490 (US).

(72) MOSHER, Walter, W., Jr.; 7623 Southby Drive, West Hills, CA 91304 (US). BEIGEL, Michael, L.; 308 Via Julita, Encinitas, CA 92024 (US). BELL, Clark, H.; 21111 Tulsa Street, Chatsworth, CA 91311-1456 (US). TUTTLE, John, Randall; 4084 Eleuthera Court, Boulder, CO 80301 (US). PENUELA, Oswaldo; 23454 North Rock Canyon Place, Santa Clarita, CA 91350 (US). MARCUS, Samuel, D., Y.; 301 Oceanview Avenue, Encinitas, CA 92024 (US). WANG, David, E.; 31 Lyon, Newport Beach, CA 92657 (US).

(74) KELLEY, Scott W.; Kelly Bauersfeld Lowry & Kelley, LLP, 6320 Canoga Avenue, Suite 1650, Woodland Hills, CA 91367 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06K 7/00

(11) WO 03/081516 (13) A1

(21) PCT/DE03/00718

(22) 3 Mar/mar 2003 (03.03.2003)

(25) de (26) de

(30) 102 12 648.8 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IDENTIFICATION SYSTEM FOR VERIFYING AN AUTHORISATION FOR ACCESS TO AN OBJECT, OR USE OF AN OBJECT, IN PARTICULAR A MOTOR VEHICLE

• SYSTEME D'IDENTIFICATION CONÇU POUR DETECTER UNE AUTORISATION D'ACCES A UN OBJET OU D'UTILISATION D'UN OBJET, EN PARTICULIER D'UN VEHICULE AUTOMOBILE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KONRAD, Wolfgang [AT/AT]; Salurnergasse 11/1, A-2340 Mödling (AT). GILA, Janos [AT/AT]; Hyrtlstrasse 40/1/5, A-2340 Mödling (AT). HOFBECK, Klaus [DE/DE]; Gössweinstr. 3, 92318 Neumarkt (DE). RÖSEL, Birgit [DE/DE]; In der Oberen Au 21, 93055 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 HU IE IT LU MC NL PT RO SE SI 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 HU IE IT LU MC NL PT RO SE SI SK TR)
(u) for / pour US only / seulement

- (51)⁷ G06K 7/00, G01S 13/02
(11) WO 03/081517 (13) A1
(21) PCT/US03/08560
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 10/103,684 21 Mar/mar 2002 US (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD OF OPERATION AND SYSTEM FOR DISCRIMINATION BETWEEN MULTIPLE SURFACE ACOUSTIC WAVE IDENTIFICATION TAGS
• PROCEDE DE FONCTIONNEMENT ET SYSTEME PERMETTANT D'ETABLIR UNE DISTINCTION ENTRE DE MULTIPLES ETIQUETTES D'IDENTIFICATION A ONDE ACOUSTIQUE DE SURFACE
(71) RF SAW COMPONENTS, INCORPORATED [US/US]; 900 Alpha Drive, Suite 400, Richardson, TX 75081 (US).
(72) HARTMANN, Clinton, S.; 5419 Ridgedale Drive, Dallas, TX 75206 (US).
(74) HEISZ, Jimmy, L.; Hitt Gaines & Boisbrun, P.C., P.O. Box 832570, Richardson, TX 75083 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations

- (51)⁷ G06K 7/00
(11) WO 03/081518 (13) A2
(21) PCT/US03/08562
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 10/103,650 21 Mar/mar 2002 US (21.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
(54) • ANTI-COLLISION INTERROGATION PULSE FOCUSING SYSTEM FOR USE WITH MULTIPLE SURFACE ACOUSTIC WAVE IDENTIFICATION TAGS AND METHOD OF OPERATION THEREOF
• SYSTEME ANTICOLLISION PAR FOCALISATION D'IMPULSION D'INTERROGATION DESTINE A DES ETIQUETTES D'IDENTIFICATION A ONDES ACOUSTIQUE DE SURFACE ET PROCEDE DE FONCTIONNEMENT DE CE SYSTEME
(71) RF SAW COMPONENTS, INCORPORATED [US/US]; 900 Alpha Drive, Suite 400, Richardson, TX 75081 (US).
(72) HARTMANN, Clinton, S.; 5419 Ridgedale Drive, Dallas, TX 75206 (US). CLAIRBORNE, Lewis, T.; 920 Northlake, Richardson, TX 75080 (US).
(74) HEISZ, Jimmy, L.; Hitt Gaines & Boisbrun, P.C., P.O. Box 832570, Richardson, TX 75083 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations

- (51)⁷ G06K 7/00
(11) WO 03/081519 (13) A2
(21) PCT/US03/08638
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 60/366,098 19 Mar/mar 2002 US (19.03.2002)
(30) 60/379,964 13 May/mai 2002 US (13.05.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • PORTABLE ELECTRONIC AUTHORIZATION SYSTEM AND METHOD
• SYSTEME D'AUTORISATION ELECTRONIQUE PORTABLE ET PROCEDE ASSOCIE
(71) CHAMELEON NETWORK INC. [US/US]; Suite 1400, 950 Winter Street, Waltham, MA 02451 (US).
(72) THOMAS, Joseph, A.; 34 Warren Street, Westborough, MA 01581 (US). JESSEN, Karlin, B.; 97 Pleasant Street, Reading, MA 01867 (US). BURGER, Todd, O.; 386 Lincoln Street, Lexington, MA 02421 (US). HASSOL, Joshua, L.; 28 Wachusett Drive, Lexington, MA 02421 (US).

- (74) PRITZKER, Randy, J.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

- (81) CA.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

- (51)⁷ G06K 7/10, 9/22
(11) WO 03/081520 (13) A1
(21) PCT/US03/08327
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 60/365,842 20 Mar/mar 2002 US (20.03.2002)
(30) 10/385,967 11 Mar/mar 2003 US (11.03.2003)

- (43) 2 Oct/oct 2003 (02.10.2003)
(54) • IMAGE CAPTURE SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE CAPTURE D'IMAGE

- (71) SYMBOL TECHNOLOGIES, INC. [US/US]; One Symbol Plaza, Mail Stop A-6, Holtsville, NY 11742 (US).
(72) CARLSON, Bradley, S.; 43 Jefferson Avenue, Northport, NY 11768 (US).
(74) ISRAEL, Alan; Kirschstein, Ottinger, Israel & Schiffmiller, P.C., 489 Fifth Avenue, New York, NY 10017-6105 (US).

- (81) CA CN JP.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

- (51)⁷ G06K 7/10
(11) WO 03/081521 (13) A1
(21) PCT/US03/08328
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 60/365,853 20 Mar/mar 2002 US (20.03.2002)
(30) 10/392,034 19 Mar/mar 2003 US (19.03.2003)

- (43) 2 Oct/oct 2003 (02.10.2003)
(54) • IMAGE CAPTURE SYSTEM AND METHOD USING A COMMON IMAGING ARRAY
• SYSTEME DE CAPTURE D'IMAGE ET PROCEDE UTILISANT UN RESEAU D'IMAGERIE COMMUN

- (71) SYMBOL TECHNOLOGIES, INC. [US/US]; One Symbol Plaza, Mail Stop A-6, Holtsville, NY 11742 (US).
(72) BIANCULLI, Thomas, D.; 63 Beechwood Drive, Manorville, NY 11949 (US). PATEL, Mehul, M.; 5 Scott Court, Fort Salonga, NY 11768 (US).
(74) ISRAEL, Alan; Kirschstein, Ottinger, Israel & Schiffmiller, P.C., 489 Fifth Avenue, New York, NY 10017-6105 (US).

- (81) CA CN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ G06K 7/12, 19/06

(11) WO 03/081522 (13) A2

(21) PCT/EP03/02780

(22) 18 Mar/mar 2003 (18.03.2003)

(25) de (26) de

(30) 102 12 734.4 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND DEVICE FOR IDENTIFICATION AND AUTHENTICATION OF AN OBJECT

• PROCEDE ET DISPOSITIF D'IDENTIFICATION ET D'AUTHENTIFICATION D'UN OBJET

(71) BUNDESDRUCKEREI GMBH [DE/DE]; Oranienstrasse 91, 10958 Berlin (DE). ACCU-SORT SYSTEM, INC. [US/US]; 511 School House Road, Telford, PA 18969-1196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NIGGEMANN, Matthias [DE/DE]; Urbanstrasse 31, 10967 Berlin (DE). PAESCHKE, Manfred [DE/DE]; An der Wildbahn 59, 16352 Basdorf (DE). FRANZ-BURGHOLZ, Arnim [DE/DE]; Amselhainstrasse 26, 14612 Falkensee (DE). ZERBEL, Hans [DE/DE]; Am Kesselpfuhl 47, 13437 Berlin (DE).

(74) RIEBLING, Peter; Postfach 31 60, 88113 Lindau/B. (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 9/64, 9/00, G06T 7/00

(11) WO 03/081523 (13) A1

(21) PCT/GB03/01209

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 02252097.7 22 Mar/mar 2002 EP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMPARING PATTERNS

• COMPARAISON DE MOTIFS

(71) BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) STENTIFORD, Frederick, Warwick, Michael [GB/GB]; Sheepstor, Boyton, Woodbridge, Ipswich, Suffolk IP12 3LH (GB).

(74) LLOYD, Barry, George, William; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 15/00

(11) WO 03/081524 (13) A1

(21) PCT/US02/14859

(22) 8 May/mai 2002 (08.05.2002)

(25) en (26) en

(30) 10/104,528 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND SYSTEM TO PRINT VIA E-MAIL

• PROCEDE ET SYSTEME D'IMPRESION PAR COURRIER ELECTRONIQUE

(71) PEERLESS SYSTEMS CORPORATION [US/US]; 2381 Rosecrans Avenue, El Segundo, CA 90245 (US).

(72) TREPTOW, Jay, A.; 22329 S.E. 244th Place, Maple Valley, WA 98038 (US). WONG, Gregory, H.; 17026 Casimir Avenue, Torrance, CA 90504 (US). HENDERSON, Kristofer, P.; 8720 18th Avenue N.W., Seattle, WA 98117 (US). COCOTIS, Thomas, A.; 1711 Ash Street, Apt. C, Huntington Beach, CA 92647 (US).

(74) BURNETT, R., Alan 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 VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ G06K 19/077, B01L 3/14

(11) WO 03/081525 (13) A1

(21) PCT/EP03/02914

(22) 20 Mar/mar 2003 (20.03.2003)

(25) de (26) de

(30) 102 12 709.3 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR IDENTIFYING A SAMPLER CONTAINER

• DISPOSITIF POUR IDENTIFIER UN RECIPIENT DE PRELEVEMENT D'ECHANTILLONS

(71) ENDRESS + HAUSER WETZER GMBH + CO. KG [DE/DE]; Obere Wank 1, 87484 Nesselwang (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KALTEIS, Helmut [DE/DE]; Carl-Orff-Ring 96, 87616 Marktoberdorf (DE).

(74) ANDRES, Angelika; c/o 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06N 1/00

(11) WO 03/081526 (13) A1

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(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 60/366,384 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • QUANTUM CELLULAR AUTOMATA COMPUTING WITH ENDOHEDRAL FULLERENES

• CALCUL SELON LA THEORIE DES AUTOMATES CELLULAIRE QUANTIQUE AVEC DES FULLERENES ENDOHEDRAUX

(71) NATIONAL UNIVERSITY OF IRELAND MAYNOOTH [IE/IE]; Maynooth, County Kildare (IE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TWAMLEY, Jason [IE/IE]; 14 Kanes Pass, Cooleraugh, Naas, County Kildare (IE).

(74) BROPHY, David et al. / etc.; F.R. Kelly & Co., 27 Clyde Road, Ballsbridge, Dublin 4 (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (t) for all designations / pour toutes les désignations

(51)⁷ G06T 5/00

(11) WO 03/081529 (13) A1

(21) PCT/IB03/00990

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 102 13 151.1 23 Mar/mar 2002 DE (23.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR INTERACTIVE SEGMENTATION OF A STRUCTURE CONTAINED IN AN OBJECT

• PROCEDE DE SEGMENTATION INTERACTIVE D'UNE STRUCTURE CONTENUE DANS UN OBJET

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE). (only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). (for all designated States except / pour tous les États désignés sauf DE US)

(72, 75) LORENZ, Cristian [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06T 5/10, 5/05

(11) WO 03/081530 (13) A1

(21) PCT/GB03/01261

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 0206916.9 23 Mar/mar 2002 GB (23.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • REPRESENTATION OF COLOUR IN A COLOUR DISPLAY SYSTEM
• REPRESENTATION DE LA COULEUR DANS UN SYSTEME D’AFFICHAGE COULEUR

(71) UNIVERSITY OF EAST ANGLIA [GB/GB]; Norwich NR4 7TJ (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) FINLAYSON, Graham [GB/GB]; School Cottages, 8 The Street, Taverham, Norwich NR8 6TD (GB). DREW, Mark [CA/CA]; School of Computing Science, Simon Fraser University, Vancouver, B.C. V5A 1S6 (CA).

(74) POWELL, Stephen, David et al. / etc.; Williams Powell, Morley House, 26-30 Holborn Viaduct, London EC1A 2BP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(30) 148828 21 Mar/mar 2002 IL (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A MORPHOLOGICAL INSPECTION METHOD BASED ON SKELETONIZATION
• PROCEDE D’INSPECTION MORPHOLOGIQUE BASE SUR LA SQUELETTISATION

(71) CAMTEK LTD. [IL/IL]; Ramat Gavriel Industrial Zone, P.O.Box 544, 23150 Migdal Haemek (IL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) FLIESWASSER, Roni [IL/BE]; Kleine Wouwer laan 69, B-1860 Neise (BE). YANUKA, Moti [IL/IL]; 18 Hasport St., 34574 Haifa (IL). DOLGIN, Boris [IL/IL]; 21/1 Karkum st., 17095 Nazareth Illit (IL).

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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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06T 7/00, G06K 9/62

(11) WO 03/081532 (13) A1

(21) PCT/AU03/00345

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) PS 1405 27 Mar/mar 2002 AU (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR THE AUTOMATIC DETECTION OF FACIAL FEATURES
• METHODE ET APPAREIL DE DETECTION AUTOMATIQUE DE TRAITS FACIAUX

(71) SEEING MACHINES PTY LTD [AU/AU]; Innovations Building, Corner Garren & Eggleston Road, Acton, ACT 2601 (AU). (for all designated States except / pour tous les États désignés sauf US)

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(74) BALDWIN SHELSTON WATERS; 60 Margaret Street, Sydney, NSW 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

- (51)⁷ G06T 7/40
(11) WO 03/081533 (13) A2
(21) PCT/IB03/01100
(22) 12 Mar/mar 2003 (12.03.2003)
(25) en (26) en
(30) 02076184.7 26 Mar/mar 2002 EP (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • ANALYZING AN IMAGE COMPOSED OF A MATRIX OF PIXELS
• ANALYSE D'UNE IMAGE COMPOSEE D'UNE MATRICE DE PIXELS
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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- (72, 75) MARCONI, Matteo [IT/IT]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). RIZZI, Andrea [IT/IT]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). TRIVISAN, Mario [IT/IT]; c/o 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 NI NO NZ OM PH PL PT RU RO SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06T 9/00
(11) WO 03/081534 (13) A1
(21) PCT/IB03/00939
(22) 11 Mar/mar 2003 (11.03.2003)
(25) en (26) en
(30) 02/03775 26 Mar/mar 2002 FR (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • VIDEO SIGNAL POST-PROCESSING METHOD
• PROCEDE DE POST-TRAITEMENT DE SIGNAUX VIDEO
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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- (72, 75) GESNOT, Arnaud [FR/FR]; c/o Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).
- (74) CHAFRAIX, Jean; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06T 17/00
(11) WO 03/081535 (13) A1
(21) PCT/IL03/00226
(22) 17 Mar/mar 2003 (17.03.2003)
(25) en (26) en
(30) 148829 21 Mar/mar 2002 IL (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • A METHOD FOR STORING LAYERS' INFORMATION OF A LAYERS-MADE OBJECT
• PROCEDE DE STOCKAGE D'INFORMATIONS EN COUCHES POUR UN OBJET FABRIQUE EN COUCHES
- (71) CAMTEK LTD. [IL/IL]; Ramat Gavriel Industrial Zone, P.O.Box 544, 23150 Migdal Haemek (IL).
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- (72, 75) PINHASSI, Yossi [IL/IL]; D.N. Hamovil, 17915 Mitzpe Hoshaya (IL). YANUKA, Moti [IL/IL]; 18 Hasport St., 34574 Haifa (IL). FLIESWASSER, Roni [IL/BE]; Kleine Wouwer loan 69, B-1860 Neise (BE). BUZAGLO, Daniel [IL/IL]; 61 Hermon st., 20600 Yokneam (IL). CHERNOMAZ, Evgenia [IL/IL]; 15a/9 Nativ Heyn st., 32242 Haifa (IL).
- (74) NOAM, Meir; P.O.B 34335, 91342 Jerusalem (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(25) ko (26) en
(30) 10-2002-0016305 26 Mar/mar 2002 KR (26.03.2002)
(30) 10-2002-0026705 15 May/mai 2002 KR (15.05.2002)

- (30) 10-2002-0032374 10 Jun/juin 2002 KR (10.06.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • SYSTEM AND METHOD FOR 3-DIMENSION SIMULATION OF GLASSES
• SYSTEME ET PROCEDE DE SIMULATION TRIDIMENSIONNELLE DE PORT DE LUNETTES
- (71, 72) KIM, So-Woon [KR/KR]; 422-1503 Arcummacul Apartment, 133, Imae-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-060 (KR).
- (72, 75) YI, Seung-Won [KR/KR]; 48-5, Guui 2(i)-dong, Gwangjin-gu, Seoul 143-202 (KR). CHO, Hang-Shin [KR/KR]; 205-ho, 101-beonji 14, Hadaewon-dong, Jungwon-gu, Seongnam-si, Gyeonggi-do 462-110 (KR). CHOI, Sung-II [KR/KR]; 10-81, Cheongpa-dong 2(i)-ga, Yongsan-gu, Seoul 140-132 (KR).
- (74) GHILL, Yong-Jun et al. / etc.; No. 302, Wondang Building, 1542-10, Seocho 3-dong, Seocho-gu, Seoul 137-872 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06T 17/00
(11) WO 03/081537 (13) A1
(21) PCT/US03/08727
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 10/102,234 19 Mar/mar 2002 US (19.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • IMPROVED TERRAIN RENDERING IN A THREE-DIMENSIONAL ENVIRONMENT
• RENDU DU TERRAIN AMELIORE DANS UN ENVIRONNEMENT TRIDIMENSIONNEL
- (71) AECHELON TECHNOLOGY, INC. [US/US]; 650 Quarry Road, San Carlos, CA 94070 (US).
- (72) SANZ-PASTOR, Ignacio; 490 Castaneda Avenue, San Francisco, CA 94116 (US). MORGAN, David, L., III; 1714 Connecticut Drive, Redwood City, CA 94061 (US).
- (74) BROWNSTONE, Daniel, R. et al. / etc.; Fenwick & West LLP, Silicon Valley Center, 801 California Street, Mountain View, CA 94041 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT

RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ G07C

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(30) 60/365,339 18 Mar/mar 2002 US
(18.03.2002)

(30) 10/349,060 22 Jan/jan 2003 US
(22.01.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CONTROL AND DIAGNOSTIC SYSTEM AND METHOD FOR VEHICLES
• SYSTEME ET PROCEDURE DE COMMANDE ET DE DIAGNOSTIC DE VEHICULES

(71) CLUB CAR, INC [US/US]; 4152 Washington Road, P.O.Box 204658, Augusta, GA 30917-4658 (US).

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(72, 75) MCLEOD, Paul, W. [US/US]; 456 Baker Woods Trail, Martinez, GA 30907 (US). HUMMERT, George, T. [US/US]; 14 Inverness West, Aiken, SC 29803 (US). KING, Russell [US/US]; 4158 Hound Court, Evans, GA 30809 (US). MCCLYMONDS, Ken [US/US]; 3708 Pebble Beach Drive, Augusta, GA 30907 (US). PADGETT, Norman, R. [US/US]; 401 Brandywine Drive, Evans, GA 30809 (US).

(74) LUBECKI, Timothy, J; Michael Best & Friedrich, LLP, 3773 Corporate Parkway, Suite 360, Center Valley, PA 18034 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07C 9/00

(11) WO 03/081539 (13) A2

(21) PCT/US03/08334

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/364,592 18 Mar/mar 2002 US
(18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYSTEM AND METHOD FOR MONITORING AND TRACKING INDIVIDUALS

• SYSTEME ET PROCEDURE DE SURVEILLANCE ET DE SUIVI D'INDIVIDUS

(71) IL GATTO, INCORPORATED [US/US]; 6830 Via Regina, Boca Raton, FL 33433-3956 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VERDIRAMO, Vincent, L. [US/US]; 19 Centre Avenue, Secaucus, NJ 07094 (US).

(74) GARG, Rohini, K. et al. / etc.; Hoffmann & Baron, LLP, 69000 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07C 15/00, G07F 17/32

(11) WO 03/081540 (13) A1

(21) PCT/FR02/00750

(22) 1 Mar/mar 2002 (01.03.2002)

(25) fr (26) fr

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND SYSTEM FOR OPERATING A RANDOM DRAWING GAME

• PROCEDURE ET SYSTEME D'EXPLOITATION D'UN JEU DE TIRAGE ALEATOIRE

(71, 72) KHAYAT, Ondine [FR/FR]; 34-36, rue Bréguet, F-75011 Paris (FR). KOSKAS, Frédéric [TN/FR]; 34-36, rue Bréguet, F-75011 Paris (FR).

(74) BLOCH, Gérard et al. / etc.; Bloch & Associés, 2, square de l'Avenue du Bois, 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 VN YU ZA ZM ZW.

(84) AP (GH GM 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 HU 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)⁷ G07D 3/02

(11) WO 03/081541 (13) A2

(21) PCT/DE03/01038

(22) 25 Mar/mar 2003 (25.03.2003)

(25) de (26) de

(30) 102 13 293.3 25 Mar/mar 2002 DE
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COIN TRAY

• PLATEAU A MONNAIE

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(72, 75) ZIMMERMANN, Thomas [DE/DE]; Lützwowstrasse 70-73, 10785 Berlin (DE).

(74) JUNGBLUT, Bernhard et al. / etc.; Albrecht, Lüke & Jungblut, Gelfertstr. 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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07D 7/00

(11) WO 03/081542 (13) A1

(21) PCT/CN03/00211

(22) 24 Mar/mar 2003 (24.03.2003)

(25) zh (26) zh

(30) 02104493.7 25 Mar/mar 2002 CN
(25.03.2002)

(30) 10/377,334 27 Feb/fév 2003 US
(27.02.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A MULTIPLE TESTING APPARATUS FOR BANK NOTES HAVING HIGH-TECHNOLOGY

• APPAREIL D'ESSAI MULTIPLE POUR BILLETS DE BANQUE A HAUTE TECHNOLOGIE

(71, 72) BAO, Dongshan [CN/CN]; 1424, No.307 Dayuan, Zhengchang, Zhuang,, Fengtai District, Beijing 100039 (CN).

(74) KING SOUND & PARTNERS; Suite 502, China Commerce Tower, N0. 5, Sanlihe East Road, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07F

(11) WO 03/081543 (13) A2

(21) PCT/AT03/00080

(22) 20 Mar/mar 2003 (20.03.2003)

(25) de (26) de

(30) A 461/2002 25 Mar/mar 2002 AT (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR CONDUCTING CASHLESS PAYMENTS IN COMPUTER NETWORKS VIA TELEPHONE

- PROCEDE POUR LE PAIEMENT SANS ARGENT LIQUIDE DANS DES RESEAUX D'ORDINATEURS PAR L'INTERMEDIAIRE DU TELEPHONE

(71, 72) KRAPFL, Peter [AT/AT]; Pezzlgasse 68/9, A-1170 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(u) for / pour US only / seulement

(51)⁷ G07F

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(21) PCT/US03/08506

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 10/101,290 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ENHANCED MEMORY MANAGEMENT FOR PORTABLE DEVICES

- GESTION DE MEMOIRE AMELIOREE POUR DISPOSITIFS PORTABLES

(71) SUN MICROSYSTEMS, INC. [US/US]; 4120 Network Circle, M/S USCA12-203, Santa Clara, CA 95054 (US).

(72) DE JONG, Eduard; 522 S. Fremont Street, San Mateo, CA 94402 (US).

(74) RITCHIE, David, B. et al. / etc.; Thelen Reid & Priest LLP, P.O. Box 640640, San Jose, CA 95164-0640 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07F 7/10, G06F 1/00

(11) WO 03/081545 (13) A1

(21) PCT/EP03/03087

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 02006780.7 25 Mar/mar 2002 EP (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND SYSTEM FOR USER AUTHENTICATION IN A DIGITAL COMMUNICATION SYSTEM

- PROCEDE ET SYSTEME D'AUTHEMIFICATION UTILISATEUR DANS UN SYSTEME DE COMMUNICATION NUMERIQUE

(71) TDS TODOS DATA SYSTEM AB [SE/SE]; Fiskhamngatan 2, SE-414 58 Göteborg (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SKYGEBJER, Per [SE/SE]; Adler Salvius Gata 15, SE-411 11 Göteborg (SE).

(74) AWAPATENT AB; Box 11394, S-404 28 Göteborg (SE).

(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) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G07F 7/10, G06F 1/00

(11) WO 03/081546 (13) A1

(21) PCT/FR03/00858

(22) 18 Mar/mar 2003 (18.03.2003)

(25) fr (26) fr

(30) 02/03743 26 Mar/mar 2002 FR (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND DEVICE FOR AUTOMATIC VALIDATION OF A COMPUTER PROGRAM USING CRYPTOGRAPHY FUNCTIONS

- PROCEDE ET DISPOSITIF DE VALIDATION AUTOMATIQUE D'UN

PROGRAMME INFORMATIQUE UTILISANT DES FONCTIONS DE CRYPTOGRAPHIE

(71) OBERTHUR CARD SYSTEM SA [FR/FR]; 102, Boulevard Maiesherbes, F-75017 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FINKELSTEIN, Vincent [FR/FR]; 1, allée Gustave Courbet, F-95100 Argenteuil (FR). ELISABETH, Fabrice [FR/FR]; 27, rue de la Paix, F-92000 Nanterre (FR).

(74) SANTARELLI; 14, avenue de la Grande Armée, B.P. 237, F-75822 Paris Cedex 17 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G07F 19/00, G06F 17/60

(11) WO 03/081547 (13) A1

(21) PCT/FR03/00937

(22) 25 Mar/mar 2003 (25.03.2003)

(25) fr (26) fr

(30) 02/03678 25 Mar/mar 2002 FR (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND SYSTEM OF SECURING A CREDIT CARD PAYMENT

- PROCEDE ET SYSTEME DE SECURISATION D'UN PAIEMENT PAR CARTE DE CREDIT

(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) PETIT, Stéphane [FR/FR]; 68, rue Hébert, F-14200 Hérouville Saint Clair (FR). VALLEE, Françoise [FR/FR]; 48, rue Fleurie, F-14480 Lantheuil (FR).

(74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G07F 19/00

(11) WO 03/081548 (13) A1

(21) PCT/GB03/01137

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 02252105.8 22 Mar/mar 2002 EP
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TRANSACTION AUTHENTICATION
• AUTHENTIFICATION DE TRANSAC-
TION

(71) BRITISH TELECOMMUNICATIONS
PUBLIC LIMITED COMPANY [GB/GB];
81 Newgate Street, London EC1A 7AJ (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) EDWARDS, Nicholas, Hector
[GB/GB]; 85 Leopold Road, IPSWICH,
Suffolk IP4 4RN (GB). CHAPMAN, James,
Christopher, Tydd [GB/GB]; 6 Hazel
Drive, Purdis Farm, IPSWICH, Suffolk IP3
8RF (GB). GIFFORD, Maurice, Merrick
[GB/GB]; 22 St Agnes Way, Kesgrave, Suf-
folk IP5 1JZ (GB).

(74) BRADLEY, David, William; BT Group
Legal Intellectual Property Department, Hol-
born Centre, 8th Floor, 120 Holborn, London
EC1N 2TE (GB).

(81) CA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Published / Publiée : (c)

(51)⁷ G07F 19/00

(11) WO 03/081549 (13) A2

(21) PCT/US03/08129

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 10/103,502 21 Mar/mar 2002 US
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SECURE HANDLING OF STORED-
VALUE DATA OBJECTS
• GESTION SURE D'OBJETS DE DON-
NEES A VALEUR ENREGISTREE

(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) DUTTA, Santanu [US/US]; 201 Tawny
Ridge Lane, Cary, NC 27513 (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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les
designations

(t) for all designations / pour toutes les
designations

(51)⁷ G07G 1/14, 1/12, G06F 17/60

(11) WO 03/081550 (13) A1

(21) PCT/JP03/03536

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(30) 2002-084220 25 Mar/mar 2002 JP
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • INFORMATION PROVIDING SYSTEM
AND INFORMATION RECEIVING
PROGRAM
• SYSTEME DE FOURNITURE D'IN-
FORMATION ET PROGRAMME RECE-
VANT DE L'INFORMATION

(71) TOSHIBA TEC KABUSHIKI KAISHA
[JP/JP]; 1-1, Kanda Nishiki-cho, Chiyoda-ku,
Tokyo 101-8442 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KUNIEDA, Shigetoshi [JP/JP]; 3-36,
Tomitamachi, Mishima-shi, Shizuoka
411-0836 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o
SUZUYE & SUZUYE, 7-2, Kasumigasaki
3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP US.

(84) EP (DE FR GB).

(51)⁷ G08B 13/14

(11) WO 03/081551 (13) A1

(21) PCT/FR03/00932

(22) 25 Mar/mar 2003 (25.03.2003)

(25) fr (26) fr

(30) 02/03864 27 Mar/mar 2002 FR
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MOBILE TELECOMMUNICATION
EQUIPMENT, SHORT-DISTANCE
SEND/RECEIVE MODULE WHICH
CAN OPERATE WITH SAID MO-
BILE TELECOMMUNICATION EQUIP-
MENT AND A METHOD OF DETECT-
ING THE THEFT OF SAID EQUIP-
MENT

• EQUIPEMENT DE TELECOMMUNI-
CATION MOBILE, MODULE D'EMIS-
SION-RECEPTION COURTE DIS-
TANCE APTE A FONCTIONNER AVEC
CET EQUIPEMENT ET PROCEDE DE
DETECTION DE VOL DE CET EQUIP-
PEMENT

(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) LE THERISIEN PHILIPPE [FR/FR];
11, rue Décamps, F-75116 Paris (FR).
JUNKER, Christian [FR/FR]; 9, rue du
Clos de Pontoise, F-95170 Deuil la Barre
(FR). ROUSSEL, Jean-Luc [FR/FR]; Les
petites Carrières, F-14310 Villy-Bocage (FR).

(74) DAUDE, Delphine; France Telecom P &
I/PIV/PI, 38-40, rue du Général Leclerc,
F-92794 Issy les 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G08B 13/14

(11) WO 03/081552 (13) A1

(21) PCT/ZA03/00024

(22) 20 Feb/fév 2003 (20.02.2003)

(25) en (26) en

(30) 2002/0523 22 Mar/mar 2002 ZA
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PARAPHERNALIA MONITOR
• DISPOSITIF DE SURVEILLANCE
POUR ARTICLES PORTATIFS
(71, 72) MOKOENA, Sankoela Mosiuwa Sam
[ZA/ZA]; 67 Mooi Street, Kriel, 2271
Mpumalanga Province (ZA).

(74) PILKINGTON, Donovan; Institute of In-
ventors and Innovators, P.O. Box 286, 2132
Saxonwold (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 NI NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08B 23/00, F21V 7/00, 7/04

(11) WO 03/081553 (13) A1

(21) PCT/US03/08522

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 10/102,219 **20 Mar/mar 2002** US
(20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SIGNALING DEVICE FOR ANNUNCIATING A STATUS OF A MONITORED PERSON OR OBJECT

• DISPOSITIF DE SIGNALISATION DESTINE A ANNONCER UN ETAT D'UNE PERSONNE OU D'UN OBJET SOUS SURVEILLANCE

(71) RAULAND-BORG CORPORATION [US/US]; 3450 West Oakton Street, Skokie, IL 60076-2958 (US).

(72) PEREA, Levi, J., Jr.; 6033 North Sheridan, Apt. 15B, Chicago, IL 60660 (US). GRABOWSKI, Steven, J.; 1255 West Belden Avenue, Chicago, IL 60614 (US). PERKINS, Michael, C.; 2401 Cedar Street, Rolling Meadows, IL 60008 (US).

(74) BAYS, Gregory, C.; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 North Stetson, Chicago, IL 60601-6780 (US).

(81) AU CA IL MX.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G08B 23/00

(11) WO 03/081554 (13) A1

(21) PCT/US03/08998

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 60/367,059 **21 Mar/mar 2002** US
(21.03.2002)

(30) 60/385,164 **31 May/mai 2002** US
(31.05.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR TACTILE CUEING OF AIRCRAFT CONTROLS

• PROCEDE ET APPAREIL D'AVERTISSEMENT TACTILE SUR LES COMMANDES D'AERONEFS

(71) BELL HELICOPTER TEXTRON INC. [US/US]; P.O. Box 482, Fort Worth, TX 76101 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AUGUSTIN, Michael, J. [US/US]; 6205 Glengarry Court, Fort Worth, TX 76180 (US). BERTAPPELLE, Allen, L. [US/US]; 5412 Two Jacks Court, Arlington, TX 76017 (US). DREIER, Mark, E. [US/US]; 1803 Coventry Court, Arlington, TX 76017 (US). LINTON, Bradley, D. [US/US]; 690 Newt Patterson Road, Mansfield, TX 76063 (US). MCKEOWN, William, L. [US/US]; 1401 Woodridge Circle, Euless, TX 76040 (US). YEARY, Robert, D. [US/US]; 1503 Naches Drive, Arlington, TX 76014 (US).

(74) WALTON, James, E. et al. / etc.; Hill & Hunn, LLP, Suite 1440, 201 Main Street, Fort Worth, TX 76102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08B 27/00, 25/00

(11) WO 03/081555 (13) A1

(21) PCT/IB03/01067

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 0207043.1 **26 Mar/mar 2002** GB
(26.03.2002)

(30) 60/402,818 **13 Aug/août 2002** US
(13.08.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ALARM ARRANGEMENT

• DISPOSITIF D'ALERTE

(71, 72) BURNS, Paul [GB/GB]; 7 Kings Drive, Preston, Lancashire PR2 3HN (GB). BURNS, Timothy [GB/US]; 10375 Huckleberry Row, Guthrie, OK 73044 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ G08B 29/00

(11) WO 03/081556 (13) A1

(21) PCT/US03/07704

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 60/364,783 **18 Mar/mar 2002** US
(18.03.2002)

(30) 10/187,167 **28 Jun/juin 2002** US
(28.06.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHODS AND APPARATUS FOR HANDLING INFORMATION REGARDING AN ALARM FOR A COMMUNICATION NETWORK

• PROCEDES ET APPAREIL DE GESTION DE L'INFORMATION POUR UNE ALARME DE RESEAU DE COMMUNICATION

(71) SIEMENS INFORMATION AND COMMUNICATION MOBILE LLC [US/US]; 16745 West Bernardo Drive, Suite 400, San Diego, CA 92127 (US).

(72) WU, Deh-Min Richard; 5881 Town Bay Drive, Apt. 918, Boca Raton, FL 33486 (US).

(74) KIM, Rosa S. et al. / etc.; Siemens Corporation - Intellectual Property Dept., 170 Wood Ave. South, Iselin, NJ 08830 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G08C 19/00, H04M 3/42, H04Q 7/20, 7/24

(11) WO 03/081557 (13) A1

(21) PCT/US03/08501

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/365,422 **18 Mar/mar 2002** US
(18.03.2002)

(30) 10/155,931 **24 May/mai 2002** US
(24.05.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TERMINAL DEVICE EMULATOR

• EMULATEUR DE DISPOSITIF TERMINAL

(71) INTERWAVE COMMUNICATIONS, INC. [US/US]; 312 Constitution Drive, Menlo Park, CA 94025-1164 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LU, Priscilla, Marilyn [US/US]; 718 Best Court, San Carlos, CA 94070 (US). MCINTOSH, Chris, P. [US/US]; 765 Burnett Avenue, San Francisco, CA 94131 (US).

(74) SWIATEK, Maria, S. et al. / etc.; Dorsey & Whitney LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G08G 1/01, 1/13, G01C 21/00

(11) WO 03/081558 (13) A1

(21) PCT/JP03/03875

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(30) 2002-089069 27 Mar/mar 2002 JP (27.03.2002)

(30) 2003-025037 31 Jan/jan 2003 JP (31.01.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ROAD INFORMATION PROVIDING SYSTEM AND ROAD INFORMATION PROVIDING APPARATUS AND ROAD INFORMATION GENERATING METHOD

• SYSTEME ET APPAREIL D'INFORMATION ROUTIERE ET PROCEDE DE GENERATION D'INFORMATION ROUTIERE

(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) ADACHI, Shinya [JP/JP]; 5-21-12, Nara, Aoba-ku, Yokohama-shi, Kanagawa 227-0038 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08G 1/0967

(11) WO 03/081559 (13) A1

(21) PCT/NL03/00223

(22) 25 Mar/mar 2003 (25.03.2003)

(25) nl (26) en

(30) 1020266 27 Mar/mar 2002 NL (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE AND METHOD FOR REGISTERING TRIP DATA OF A VEHICLE

• DISPOSITIF ET PROCEDE D'ENREGISTREMENT DE DONNEES DE DEPLACEMENTS D'UN VEHICULE

(71) WILDE, DE, Bouwe, Guustaaf, Dirk [NL/NL]; P.O.Box 132, NL-2160 AC Lisse (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILDE, DE, Jim, Sven, Anthony [NL/NL]; P.O.Box 132, NL-2160 AC Lisse (NL). WILDE, DE, Tom, Marnix, Alexander [NL/NL]; P.O.Box 132, NL-2160 AC Lisse (NL).

(74) VERNOUT, Robert; Sweelinckplein 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 (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 SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08G 1/127, G07C 5/08

(11) WO 03/081560 (13) A1

(21) PCT/US03/08583

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/366,711 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TELEMATIC PROGRAMMING LOGIC CONTROL UNIT AND METHODS OF USE

• UNITE DE COMMANDE DE LOGIQUE DE PROGRAMMATION TELEMATIQUE ET PROCEDES D'UTILISATION

(71) UNITED PARCEL SERVICE OF AMERICA, INC. [US/US]; 55 Glenlake Parkway, N.E., Atlanta, GA 30328 (US).

(72) OLSEN, John; 4540 Beckwith Place, Cumming, GE 30041 (US). BRADLEY, David; 2105 Country Ridge Road, Alpharetta, GE 30004 (US). JENKINS, Rhesa; 175 15th Street, Atlanta, GE 30309 (US).

(74) KAHLE, Neil, R., Jr. 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09B 3/00

(11) WO 03/081561 (13) A2

(21) PCT/US03/08160

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 10/105,505 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYSTEM AND METHOD FOR TEACHING PROJECT MANAGEMENT SKILLS

• SYSTEME ET PROCEDE D'ENSEIGNEMENT DE TECHNIQUES DE GESTION DE PROJETS

(71) ELECTRONIC DATA SYSTEMS CORPORATION [US/US]; 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).

(72) HASEK, Peter, A.; 4884 Greenview Drive, Commerce Township, MI 48382 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les
designations

(t) for all designations / pour toutes les
designations

(51)⁷ G09B 29/00, B42D 15/00

(11) WO 03/081562 (13) A1

(21) PCT/US03/08282

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 60/366,304 21 Mar/mar 2002 US
(21.03.2002)

(30) 10/162,130 4 Jun/juin 2002 US
(04.06.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMBINED POSTER BOOK SYSTEM
AND METHOD

• SYSTEME COMBINE DE LIVRE ET
D'AFFICHE ET PROCEDE ASSOCIE

(71, 72) SHULMAN, Neil [US/US]; 2272 Vista-
mont Drive, Decatur, GA 30033 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
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 OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G09F 3/10, B41M 5/40

(11) WO 03/081563 (13) A1

(21) PCT/JP03/03200

(22) 17 Mar/mar 2003 (17.03.2003)

(25) ja (26) ja

(30) 2002-88179 27 Mar/mar 2002 JP
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PROCESS FOR PRODUCING LABEL
PAPER FOR THERMAL PRINTER AND
LABEL PAPER PRODUCED BY THE
PROCESS

• PROCEDE DE PRODUCTION DE PA-
PIER D'ETIQUETTES POUR UNE
IMPRIMANTE THERMIQUE ET PA-
PIER D'ETIQUETTES OBTENU PAR
LE PROCEDE

(71) BROTHER KOGYO KABUSHIKI
KAISHA [JP/JP]; 15-1, Naeshiro-cho,
Mizuho-ku, Nagoya-shi, Aichi 467-8561
(JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HOSHINO, Terumasa [JP/JP];
c/o BROTHER KOGYO KABUSHIKI

KAISHA, 15-1, Naeshiro-cho, Mizuho-ku,
Nagoya-shi, Aichi 467-8561 (JP). YA-
MAMOTO, Minoru [JP/JP]; c/o BROTHER
KOGYO KABUSHIKI KAISHA, 15-1,
Naeshiro-cho, Mizuho-ku, Nagoya-shi,
Aichi 467-8561 (JP). SEO, Keiji [JP/JP];
c/o BROTHER KOGYO KABUSHIKI
KAISHA, 15-1, Naeshiro-cho, Mizuho-ku,
Nagoya-shi, Aichi 467-8561 (JP).

(74) MATSUOKA, Shuhei; Shin-Toshi-Cen-
ter Bldg. 5F, 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
LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09F 9/33, H05B 33/12, 33/26

(11) WO 03/081564 (13) A1

(21) PCT/JP03/03351

(22) 19 Mar/mar 2003 (19.03.2003)

(25) ja (26) ja

(30) 2002-80542 22 Mar/mar 2002 JP
(22.03.2002)

(30) 2002-80540 22 Mar/mar 2002 JP
(22.03.2002)

(30) 2002-80541 22 Mar/mar 2002 JP
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IMAGE DISPLAY

• AFFICHEUR 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) TANABE, Hisao [JP/JP]; c/o DAI NIP-
PON PRINTING CO., LTD., 1-1, Ichigaya-
kagacho 1-chome, Shinjuku-ku, Tokyo 162-
8001 (JP).

(74) YAMASHITA, Akihiko; c/o TOKYO CEN-
TRAL PATENT FIRM, Oak Building Ky-
obashi 4th Floor, 16-10, 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 KP KR KZ LC
LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G09F 21/04, B60Q 1/50

(11) WO 03/081565 (13) A1

(21) PCT/GB03/01269

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 0206835.1 25 Mar/mar 2002 GB
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A PORTABLE ILLUMINATED SIGN
• ECRITEAU LUMINEUX PORTATIF

(71) INPC LIMITED [GB/GB]; Unit House,
Speke Boulevard, Speke, Liverpool L24
9HZ (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) McCARTNEY, Jan [GB/GB]; 7 Kents-
ford Road, Kents Bank, Grange-Over-Sands,
Cumbria LA11 7AP (GB).

(74) AJELLO, Michael, John; Harrison God-
dard Foote, Orlando House, 11c Compstall
Road, Marple Bridge, Stockport SK6 5HH
(GB) 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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G09G

(11) WO 03/081566 (13) A2

(21) PCT/EP03/02408

(22) 10 Mar/mar 2003 (10.03.2003)

(25) en (26) en

(30) 0203807 25 Mar/mar 2002 FR
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR DIGITAL DISPLAY OF A
VIDEO IMAGE
• DISPOSITIF D'AFFICHAGE NUME-
RIQUE D'UNE IMAGE VIDEO

(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). BOREL,
Thierry [FR/FR]; 1 rue de la Chauminais,
F-35135 CHANTEPIE (FR). KERVEC,
Jonathan [FR/FR]; 3, Avenue de Bretagne,
F-35850 GEVEZE (FR).

(74) KOHRS, Martin et al. / etc.; THOMSON
multimedia, 46, Quai Alphonse Le Gallo,
F-92100 BOULOGNE (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ G09G 3/30, 3/20, H05B 33/14
(11) WO 03/081567 (13) A1
(21) PCT/JP03/03792
(22) 27 Mar/mar 2003 (27.03.2003)
(25) ja (26) ja
(30) 2002-89125 27 Mar/mar 2002 JP (27.03.2002)
(30) 2002-88935 27 Mar/mar 2002 JP (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DISPLAY DEVICE, MOBILE TERMINAL, AND LUMINANCE CONTROL METHOD IN MOBILE TERMINAL
• AFFICHEUR, TERMINAL MOBILE ET PROCÉDE DE COMMANDE DE LA LUMINANCE DANS UN TERMINAL MOBILE
- (71) SANYO ELECTRIC CO., LTD. [JP/JP]; 2-5-5, Keihan-Hondori, Moriguchi-shi, Osaka 570-0083 (JP). SANYO TELECOMMUNICATIONS 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)
- (71, 72) MORI, Yukio [JP/JP]; 1-12-5-306, Machikuzuha, Hirakata-shi, Osaka 573-1106 (JP). TANASE, Susumu [JP/JP]; 21-23-304, Syoji-cho, Kadoma-shi, Osaka 571-0058 (JP). YAMASHITA, Atsuhiko [JP/JP]; 3-3-20-311, Seiiiku, Joto-ku, Osaka-shi, Osaka 536-0007 (JP). INOUE, Masutaka [JP/JP]; D-1, 18-23, Koto-buki-cho, Neyagawa-shi, Osaka 572-0029 (JP). KINOSHITA, Shigeo [JP/JP]; 1-23-51A202, Inadaue-machi, Higashi-Isaka-shi, Osaka 577-0002 (JP). MURATA, Haruhiko [JP/JP]; 3-2-26, Minami-Kasugaoka, Ibaraki-shi, Osaka 577-0046 (JP). YABUKAWA, Takashi [JP/JP]; 2-7-13, Kamichuujuu, Ibaraki-shi, Osaka 567-0881 (JP). GOYA, Hiroyuki [JP/JP]; 3-36-3, Keyakizaka, Kawanishi-shi, Hyogo 666-1450 (JP).
- (74) MORISHITA, Sakaki; 2-17-16, Ebisu-Nishi, Shibuya-ku, Tokyo 150-0021 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G09G 3/34, G03B 21/56, 21/26, G06F 1/16, 15/02, G09F 9/00
(11) WO 03/081568 (13) A1
(21) PCT/US03/07668
(22) 13 Mar/mar 2003 (13.03.2003)
(25) en (26) en
(30) 10/100,375 18 Mar/mar 2002 US (18.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • PORTABLE PERSONAL COMPUTING DEVICE WITH FULLY INTEGRATED PROJECTION DISPLAY SYSTEM
• ORDINATEUR PERSONNEL PORTABLE AVEC SYSTEME D'AFFICHAGE PAR PROJECTION TOTALEMENT INTEGRE
- (71) TECHNOLOGY INNOVATIONS, LLC [US/US]; 150 Lucuis Gordon Drive, Suite 215, West Henrietta, NY 14586 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WEINER, Michael, L. [US/US]; 693 Summit Drive, Webster, NY 14580 (US). COULT, John, H. [US/US]; 1129 West Wellington Avenue, Suite 100, Chicago, IL 60657 (US).
- (74) BASCH, Duane, C. et al. / etc.; Greenwald & Basch LLP, Suite 2490, 349 West Commercial Street, East Rochester, NY 14445-2408 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G09G 3/36, 3/20
(11) WO 03/081569 (13) A1
(21) PCT/JP03/03430
(22) 20 Mar/mar 2003 (20.03.2003)
(25) ja (26) ja
(30) 2002-84388 25 Mar/mar 2002 JP (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • COLOR IMAGE DISPLAY UNIT
• UNITE D'AFFICHAGE D'IMAGE COULEUR
- (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) SUGIMOTO, Naoya [JP/JP]; 57-5, Minamidaira 2-chome, Hino-shi, Tokyo 191-0041 (JP). MAEDA, Yoshihiro [JP/JP]; 4-25-1404, Asahi-cho, Hachioji-shi, Tokyo 192-0083 (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 HU IE IT LU MC NL PT SE SI SK TR).
- (51)⁷ G09G 5/00, G06F 3/00, 17/30
(11) WO 03/081570 (13) A1
(21) PCT/JP02/13867
(22) 27 Dec/déc 2002 (27.12.2002)
(25) ja (26) ja
(30) 2002-084383 25 Mar/mar 2002 JP (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • ELECTRONIC DISPLAY APPARATUS AND DISPLAY METHOD
• APPAREIL D'AFFICHAGE ELECTRONIQUE ET PROCÉDE D'AFFICHAGE
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-0000 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OHASHI, Kazuya [JP/JP]; 669-32, Matsubara, Ito-shi, Shizuoka 414-0006 (JP). YONAI, Satoshi [JP/JP]; The Yokohama Towers W3508, 10-35, Sakaecho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0052 (JP). IZUKA, Toshiro [JP/JP]; 16-2, Chuurinkan 3-chome, Yamato-shi, Kanagawa 242-0007 (JP). HAYAKAWA, Yoshihiro [JP/JP]; 109-1-312, Zenbuchi, Asahi-ku, Yokohama-shi, Kanagawa 241-0823 (JP). KAWAKAMI, Kayoko [JP/JP]; Mita Nasonaru-koto 1026, 4-27, Shibaura 4-chome, Minato-ku, Tokyo 108-0023 (JP).
- (74) NIHEI, Masayuki; 6th Tomizawa Bldg. 6F, 12-5, Yotsuya 2-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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G10D 13/06
(11) WO 03/081571 (13) A1
(21) PCT/HR02/00011
(22) 4 Mar/mar 2002 (04.03.2002)
(25) en (26) en
(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • REMOTE HI-HAT APPARATUS OPERATED BY THE FOOT PEDAL OF THE FIRST HI-HAT APPARATUS
• APPAREIL DE CYMBALE DOUBLE A DISTANCE COMMANDE PAR LE PEDALIER DU PREMIER APPAREIL DE CYMBALE DOUBLE
- (71, 72) SUTEJ, Anton [HR/HR]; Josipa Bana Jelacica 30, 47250 Duga Resa (HR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ G10H 1/00, G10K 15/02, H04M 1/725, G06T 11/80
- (11) WO 03/081572 (13) A1
- (21) PCT/JP03/03407
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) ja (26) ja
- (30) 2002-84623 25 Mar/mar 2002 JP (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • Representation generation method, representation generation device, and representation generation system
• PROCEDE, DISPOSITIF ET SYSTEME DE GENERATION DE REPRESENTATION
- (71, 72) SANO, Yoshihiko [JP/JP]; 2014-176, Akitsu, Tojyo-cho, Kato-gun, Hyogo 673-1302 (JP).
- (74) KAJIHARA, Yasutoshi; 3-9-31, Saiwai-cho, Kawaguchi-shi, Saitama 332-0016 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G10L
- (11) WO 03/081573 (13) A2
- (21) PCT/US03/08007
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 60/365,686 18 Mar/mar 2002 US (18.03.2002)
- (30) 10/389,839 17 Mar/mar 2003 US (17.03.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ACTIVITY DETECTOR CIRCUIT
• CIRCUIT DETECTEUR D'ACTIVITE
- (71) XANOPTIX, INC. [—/US]; 10 Al Paul Lane, Merrimack, NH 03054 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GAHLSDORF, Rien [US/US]; 6 Terry Street, Nashua, NH 03064 (US).
KIAMILLEV, Fouad [US/US]; 12 Longacre Court, Hockessin, DE 19707 (US).
- (74) STRAUSSMAN, Richard; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G10L 15/00
- (11) WO 03/081574 (13) A1
- (21) PCT/IB02/00954
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PATTERN RECOGNITION
• RECONNAISSANCE DE FORMES
- (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) KISS, Imre [HU/FI]; Opiskelijankatu 8B44, FIN-33720 Tampere (FI).
VASILACHE, Marcel [RO/FI]; Fininmaenk 41 D, FIN-33710 Tampere (FI).
- (74) AWAPATENT AB; Box 11394, S-404 28 Göteborg (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU 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)⁷ G10L 15/08
- (11) WO 03/081575 (13) A1
- (21) PCT/JP03/02159
- (22) 26 Feb/fév 2003 (26.02.2003)
- (25) ja (26) ja
- (30) 2002-82734 25 Mar/mar 2002 JP (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CHAOS THEORETICAL DIAGNOSIS SENSITIZER
• UNITE DE SENSIBILISATION DE DIAGNOSTIC A CHAOS THEORIQUE
- (71) ELECTRONIC NAVIGATION RESEARCH INSTITUTE AN INDEPENDENT ADMINISTRATIVE INSTITUTION [JP/JP]; 42-23, Jindaijihigashi-machi, 7-chome, Chofu-shi, Tokyo 182-0012 (JP).
MITSUBISHI SPACE SOFTWARE CO., LTD. [JP/JP]; 4-1, Hamamatsucho 2-chome, Minato-ku, Tokyo 105-6137 (JP).
ZIPS CO., LTD. [JP/JP]; 6-36, Shinogawamachi, Shinjuku-ku, Tokyo 162-0814 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) SHIOMI, Kakuichi [JP/JP]; 401, Metro Building, 5-11, Higashi-shimbashi 2-chome, Minato-ku, Tokyo 105-0021 (JP).
- (72, 75) MEGURO, Naritomo [JP/JP]; c/o Mitsubishi Space Software Co., Ltd., 27-16, Hamamatsucho 1-chome, Minato-ku, Tokyo 105-0013 (JP).
MARUYAMA, Tomoya [JP/JP]; c/o Zips Co., Ltd., 6-36, Shinogawamachi, Shinjuku-ku, Tokyo 162-0814 (JP).
- (74) SANO, Hiroshi; 9F, Hatchobori MF Building, 2-9, Irifune 1-chome, Chuo-ku, Tokyo 104-0042 (JP).
- (81) IL IN KR SG US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
- (51)⁷ G10L 15/20, 15/02
- (11) WO 03/081576 (13) A1
- (21) PCT/US03/08806
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 10/104,178 20 Mar/mar 2002 US (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR ROBUST VOICE RECOGNITION BY ANALYZING REDUNDANT FEATURES OF SOURCE SIGNAL
• PROCEDE DE RECONNAISSANCE VOCALE ROBUSTE PAR ANALYSE DE CARACTERISTIQUES REDONDANTES DU SIGNAL SOURCE
- (71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (72) MALAYATH, Narendranath; 10710 Sabre Hill Drive #229, San Diego, CA 92128 (US).

- GARUDADRI, Harinath; 9435 Oviedo Street, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G10L 19/00, H03M 7/30
- (11) WO 03/081577 (13) A1
- (21) PCT/GB03/01211
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) en (26) en
- (30) 0206851.8 22 Mar/mar 2002 GB (22.03.2002)
- (30) 0206853.4 22 Mar/mar 2002 GB (22.03.2002)
- (30) 0206854.2 22 Mar/mar 2002 GB (22.03.2002)
- (30) 0206857.5 22 Mar/mar 2002 GB (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ANOMALY RECOGNITION METHOD FOR DATA STREAMS
- PROCEDE DE RECONNAISSANCE DES ANOMALIES DANS DES FLUX DE DONNEES
- (71) BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STENTIFORD, Frederick, Warwick, Michael [GB/GB]; Sheepstor, Boyton, Woodbridge, Suffolk IP12 3LH (GB).
- (74) LLOYD, Barry, George, William; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G11B 7/0045, 7/004, 7/24
- (11) WO 03/081579 (13) A1
- (21) PCT/JP03/03592
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ja (26) ja
- (30) 2002-082765 25 Mar/mar 2002 JP (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INFORMATION RECORDING DEVICE, INFORMATION RECORDING METHOD, AND OPTICAL RECORDING MEDIUM
- DISPOSITIF D'ENREGISTREMENT D'INFORMATION, PROCEDE D'ENREGISTREMENT D'INFORMATION, 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) 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). 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 7/0065, G11C 13/04, G03H 1/26, G11B 7/135
- (11) WO 03/081580 (13) A1
- (21) PCT/EP02/03239
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND APPARATUS FOR RECORDING TO AND READING FROM A DIFFRACTIVE OPTICS MEMORY USING SYMMETRICAL ANGULAR ENCODING
- PROCEDE ET APPAREIL D'ENREGISTREMENT VERS UNE MEMOIRE OPTIQUE A DIFFRACTION ET DE LECTURE A PARTIR DE CETTE DERNIERE AU MOYEN DU CODAGE ANGULAIRE SYMETRIQUE
- (71) DISCOVISION ASSOCIATES [US/US]; 2355 Main Street, Suite 200, Irvine, CA 92614 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MEYRUEIS, Patrick [FR/FR]; 31, boulevard Orangerie, F-67000 Strasbourg (FR). EL HAFIDI, Idriss [MA/FR]; 29, rue de la Ziegelau, F-67100 strasbourg (FR). GRZYMALA, Romualda [FR/FR]; 25, boulevard d'Anvers, F-67000 Strasbourg (FR). FONTAINE, Joël [FR/FR]; 32, rue des Petites Fermes, F-67200 Strasbourg (FR).
- (74) CABINET HIRSCH; Groupement 161, 34, rue de Bassano, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ G11B 7/007, 7/0045, 7/24
(11) WO 03/081581 (13) A1
(21) PCT/JP03/02987
(22) 13 Mar/mar 2003 (13.03.2003)
(25) ja (26) ja
(30) 2002-80828 22 Mar/mar 2002 JP (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • COPY-PREVENTIVE RECORDING DISC AND RECORDING DEVICE
• DISQUE POUR ENREGISTREMENT PROTEGE CONTRE LES COPIES ET APPAREIL D'ENREGISTREMENT ASSOCIE
(71) PIONEER CORPORATION [JP/JP]; 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654 (JP).
(72) TOMITA, Yoshimi; c/o Corporate Research and Development Laboratory, Pioneer Corporation, 6-1-1, Fujimi, Tsurugashima-shi, Saitama 350-2288 (JP).
(74) FUJIMURA, Motohiko; Fujimura & Associates, 1-17, Tsukiji 4-chome, Chuo-ku, Tokyo 104-0045 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G11B 7/09, 7/135
(11) WO 03/081582 (13) A1
(21) PCT/JP03/03660
(22) 25 Mar/mar 2003 (25.03.2003)
(25) ja (26) ja
(30) 2002-83799 25 Mar/mar 2002 JP (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • OPTICAL PICKUP
• CAPTEUR OPTIQUE
(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(72) NISHIMOTO, Masahiko; 5-9-30, Senrioka, Settsu-shi, Osaka 566-0001 (JP). HAMAGUCHI, Shinichi; 1-7-33, Hama, Amagasaki-shi, Hyogo 661-0967 (JP).
(74) MAEDA, Hiroshi et al. / etc.; Taihei Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).
(81) CN KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

- (51)⁷ G11B 7/26, 7/24, G06K 19/04
(11) WO 03/081583 (13) A1
(21) PCT/EP03/02957
(22) 21 Mar/mar 2003 (21.03.2003)
(25) de (26) de
(30) 102 13 273.9 25 Mar/mar 2002 DE (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • PRODUCTION OF DVD CARDS AND OTHER DISCS OF NONCIRCULAR SHAPE
• FABRICATION DE CARTES DVD ET D'AUTRES DISQUES NON CIRCULAIRES
(71) STEAG HAMATECH AG [DE/DE]; Ferdinand-von-Steinbeis-Ring 10, 75447 Sternenfels (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SPEER, Ulrich [DE/DE]; Sennigstrasse 6/2, 75239 Eisingen (DE).
(81) CA CN IL JP KR SG US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- (51)⁷ G11B 7/26
(11) WO 03/081584 (13) A1
(21) PCT/JP03/02098
(22) 26 Feb/fév 2003 (26.02.2003)
(25) ja (26) ja
(30) 2002-087841 27 Mar/mar 2002 JP (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • MULTI-LAYERED OPTICAL INFORMATION RECORDING MEDIUM MANUFACTURING METHOD
• PROCEDE DE FABRICATION D'UN SUPPORT D'ENREGISTREMENT D'INFORMATIONS OPTIQUES A COUCHES MULTIPLES
(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) HAYASHI, Kazuhiro [JP/JP]; 3-14-304, Joushouji-cho, Kadoma-shi, Osaka 571-0063 (JP). HISADA, Kazuya [JP/JP]; 1-4-40-724, Nonaka-minami, Yodogawa-ku, Osaka-shi, Osaka 532-0022 (JP). OHNO, Eiji [JP/JP]; 1-12-17, Kitayama, Hirakata-shi, Osaka 573-0171 (JP).
(74) MATSUDA, Masamichi; Shin-osaka Ikushima Bldg., 1-3, Miyahara 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ G11B 20/00, 27/36, 20/10
(11) WO 03/081585 (13) A2
(21) PCT/GB03/01188
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 0206390.7 19 Mar/mar 2002 GB (19.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • SECURE DIGITAL RECORDING
• ENREGISTREMENT NUMERIQUE SECURISE
(71) AV NICHE (RECORDING SYSTEMS) LIMITED [GB/GB]; Avniche House, 5 Heron Court, Cranes Farm Road, Basildon, Essex SS14 3DF (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) HOLMES, Neil, Anthony [GB/GB]; Avniche House, 5 Heron Court, Cranes Farm Road, Basildon, Essex SS14 3DF (GB).
(74) JOHNSON, Terence, Leslie; Edward Evans Barker, Clifford's Inn, Fetter Lane, London EC4A 1BZ (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(v) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

- (51)⁷ G11B 20/00
(11) WO 03/081586 (13) A1
(21) PCT/JP03/03565
(22) 25 Mar/mar 2003 (25.03.2003)
(25) en (26) en
(30) 2002-082618 25 Mar/mar 2002 JP (25.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • RECORDING MEDIUM, RECORDING APPARATUS, READING APPARATUS, AND PROGRAM AND METHOD THEREFORE
- SUPPORT D'ENREGISTREMENT, APPAREIL D'ENREGISTREMENT, APPAREIL DE LECTURE, PROGRAMME ET PROCEDE ASSOCIES
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (72) NAGAI, Takahiro; 6-23-10-407, Takadono, Asahi-ku, Osaka-shi, Osaka 535-0031 (JP). MURASE, Kaoru; 6-4-1-506, Jingu, Nara-shi, Nara 631-0804 (JP). ISHIHARA, Hideshi; 1-10-120, Ikuno, Katano-shi, Osaka 576-0054 (JP).
- (74) NAKAJIMA, Shiro; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 20/10, 20/12, 7/004
- (11) WO 03/081587 (13) A1
- (21) PCT/JP03/03334
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) ja (26) ja
- (30) 2002-81978 22 Mar/mar 2002 JP (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • WRITABLE RECORDING MEDIUM, IDENTIFICATION INFORMATION RECORDING METHOD, INFORMATION RECORDING DEVICE, IDENTIFICATION INFORMATION REPRODUCTION METHOD, AND INFORMATION REPRODUCTION DEVICE
- SUPPORT D'ENREGISTREMENT INSCRIPTIBLE, PROCEDE D'ENREGISTREMENT DE DONNEES D'IDENTIFICATION, DISPOSITIF D'ENREGISTREMENT DE DONNEES, PROCEDE DE REPRODUCTION DE DONNEES D'IDENTIFICATION ET DISPOSITIF DE REPRODUCTION DE DONNEES
- (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). INOKUCHI, Tatsuya [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). FURUKAWA, Shunsuke [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).
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- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) en (26) en
- (30) 2002-082616 25 Mar/mar 2002 JP (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • RECORDING DEVICE, RECORDING METHOD, AND PROGRAM
- DISPOSITIF D'ENREGISTREMENT, PROCEDE D'ENREGISTREMENT, ET PROGRAMME ASSOCIE
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUKUSHIMA, Toshiyuki [JP/JP]; 1-4-40-115, Nonakaminami, Yodogawa-ku, Osaka-shi, Osaka 532-0022 (JP). GOTOH, Yoshiho [JP/JP]; 5-1-3, Higashi-nakahama, Jyoto-ku, Osaka-shi, Osaka 536-0023 (JP). NISHIMURA, Takuya [JP/JP]; 3-9-18-F, Matsuzaki-cho, Abeno-ku, Osaka-shi, Osaka 545-0053 (JP).
- (74) NAKAJIMA, Shiro; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Osaka-shi, Osaka 531-0072 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 03/081589 (13) A1
- (21) PCT/KR03/00481
- (22) 12 Mar/mar 2003 (12.03.2003)
- (25) ko (26) en
- (30) 10-2002-0015912 23 Mar/mar 2002 KR (23.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • APPARATUS AND METHOD FOR PLAYING AUDIO PACKET STORED IN A VIDEO CD-ROM SEPARATEDLY
- APPAREIL ET PROCEDE DE LECTURE DE PAQUET AUDIO STOCKES SEPAREMENT DANS UN CD-ROM VIDEO
- (71) REIGNCOM [KR/KR]; 8F., Posjenventuretower, 1586-7 Seocho-dong, Seocho-gu, Seoul 137-070 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WO, Tae-Jin [KR/KR]; 1308-407 13danji, Mokdongsinsigaji APT., 327 Sinjeong6-dong, Yangcheon-gu, Seoul 158-076 (KR).
- (74) HWANG, Eui In; 10th Floor, Hankook Tire Bldg., 647-15 Yoksam-dong, 647-15 Yoksam-dong, Gangnam-gu, Seoul 135-723 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (21) PCT/KR02/00490
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) ko (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A COPY-PROTECTED OPTICAL RECORDING MEDIUM, A METHOD FOR DRIVING THEREOF AND A METHOD FOR MANUFACTURING THEREOF
- SUPPORT D'ENREGISTREMENT OPTIQUE PROTEGE CONTRE LA COPIE, PROCEDES CORRESPONDANTS DE MISE EN OEUVRE ET DE PRODUCTION
- (71) SETTEC, INC. [KR/KR]; 4th Fl. Jeongwoo Bldg., 80-10, Yangjae-dong, Seocho-gu, 137-890 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEUNG, Heung-Chan [KR/KR]; 4th Fl. Jeongwoo Bldg., 80-10, Yangjae-dong, Seocho-gu, 137-890 Seoul (KR).
- (74) OH, Byeongseok et al. / etc.; J.H. Intellectual Asset Consultants, 3F. Dongbo Bldg., 647-8, Yoksam-dong, Gangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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 HU 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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 (21) PCT/KR02/00517
 (22) **26 Mar/mar 2002 (26.03.2002)**
 (25) ko (26) en
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • A COPY-PROTECTED OPTICAL RECORDING MEDIUM AND A METHOD FOR MANUFACTURING THEREOF
 • SUPPORT D'ENREGISTREMENT OPTIQUE PROTEGE CONTRE LA COPIE ET PROCEDE DE FABRICATION DE CE DERNIER
- (71) **SETTEC, INC.** [KR/KR]; 4th Fl. Jeongwoo Bldg., 80-10 Yangjae-dong, Seocho-gu, Seoul 137-890 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SEUNG, Heung-Chan** [KR/KR]; 4th Fl. Jeongwoo Bldg., 80-10 Yangjae-dong, Seocho-gu, Seoul 137-890 (KR).
- (74) **OH, Byeongseok et al.** / etc.; J.H. Intellectual Asset Consultants, 3F. Dongbo Bldg., 647-8, Yoksam-dong, Gangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G11B 23/40, 33/10, 27/34**
 (11) **WO 03/081593** (13) A1
 (21) PCT/US03/08799
 (22) **18 Mar/mar 2003 (18.03.2003)**
 (25) en (26) en
 (30) 10/103,043 **20 Mar/mar 2002 US (20.03.2002)**
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • IDENTIFYING OPTICAL DISC PROPERTIES FROM INFORMATION READ FROM LABEL SIDE OF OPTICAL DISC
 • IDENTIFICATION DES PROPRIETES D'UN DISQUE OPTIQUE A PARTIR D'INFORMATIONS LUES COTE ETIQUETTE DU DISQUE OPTIQUE
- (71) **HEWLETT-PACKARD COMPANY** [US/US]; 3000 Hanover Street, Palo Alto, CA 94304-1112 (US).
- (72) **ANDERSON, Daryl, E.**; 32991 SE White Oak Drive, Corvallis, OR 97333 (US).
KWASNY, David, M.; 29615 NE Weslinn Drive, Corvallis, OR 97333 (US).
- (74) **MYERS, Timothy, F. et al.** / etc.; Hewlett-Packard Company, Intellectual Property Administration, 3404 E. Harmony Road, m/s 35, Fort Collins, CO 80525-9599 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G11B 23/04, 23/107, 23/03**
 (11) **WO 03/081592** (13) A1
 (21) PCT/GB03/00688
 (22) **14 Feb/fév 2003 (14.02.2003)**
 (25) en (26) en
 (30) 10/107,087 **25 Mar/mar 2002 US (25.03.2002)**
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • HOUSING FOR INFORMATION STORAGE MEDIUM AND METHOD USING SAME
 • RECEPACLE POUR SUPPORT DE STOCKAGE D'INFORMATIONS ET PROCEDE D'UTILISATION ASSOCIE
- (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).
(only for / seulement pour MG)
- (72) **HANCOCK, Reed, Alan**; 3860 West Orangetown Drive, Tucson, AZ 85741 (US).
JACKMOND, James, Alfred; 2845 North Silver Spur Drive, Tucson, AZ 85745 (US).
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- (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • EDITING OF ENCODED A/V SEQUENCES
 • MISE EN FORME DE SEQUENCES AUDIOVISUELLES CODEES
- (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) **KELLY, Declan, P.** [IE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
VAN GASSEL, Jozef, P. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **DE VRIES, Jan**; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G11B 33/04**
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 (21) PCT/CH03/00193
 (22) **25 Mar/mar 2003 (25.03.2003)**
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 (30) 523/02 **26 Mar/mar 2002 CH (26.03.2002)**
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • HOUSING FOR AT LEAST ONE DISK-SHAPED OBJECT
 • BOITIER POUR AU MOINS UN OBJET EN FORME DE DISQUE
- (71) **RUF, Claudia** [CH/CH]; St. Gallerstrasse 34a, CH-9034 Eggersriet (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **KÄSER, Walter** [CH/CH]; St. Gallerstrasse 34 a, CH-9034 Eggersriet (CH).
- (74) **KULHAVY, Sava, V.**; Patentanwaltsbüro S. V. Kulhavy & Co., Kornhausstrasse 3, Postfach, CH-9001 St. Gallen (CH).
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- (51)⁷ **G11C 7/00, 8/00**
 (11) **WO 03/081596** (13) A1
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 (22) **19 Mar/mar 2003 (19.03.2003)**
 (25) en (26) en
 (30) 10/102,221 **19 Mar/mar 2002 US (19.03.2002)**
 (43) 2 Oct/oct 2003 (02.10.2003)

- (54) • ASYNCHRONOUS INTERFACE CIRCUIT AND METHOD FOR A PSEUDO-STATIC MEMORY DEVICE
• PROCEDE ET CIRCUIT D'INTERFACE ASYNCHRONE POUR UNE MEMOIRE PSEUDO-STATIQUE
- (71) MICRON TECHNOLOGY, INC. [US/US]; 8000 South Federal Way, Boise, ID 83716-9632 (US).
- (72) LOVETT, Simon, J.; 13274 West Passage Court, Boise, ID 83713 (US). ZITLAW, Cliff; 3491 Suncrest Avenue, San Jose, CA 95132 (US). SHIRLEY, Brian, M.; 2484 Sunshine Drive, Boise, ID 83712 (US). NORWOOD, Roger, D.; 900 Hills Creek Drive, McKinney, TX 75070 (US). SCHRECK, John, F.; 29 White Rock Trail, Lucas, TX 75002 (US).
- (74) ENG, Kimton, N. et al. / etc.; Dorsey & Whitney LLP, 1420 Fifth Avenue, Suite 3400, Seattle, WA 98101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11C 7/10, 11/22
(11) WO 03/081597 (13) A1
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(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
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(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INCREASING THE READ SIGNAL IN FERROELECTRIC MEMORIES
• AUGMENTATION DU SIGNAL ROUGE DANS LES MEMOIRES FERROELECTRIQUES
- (71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).
- (72) JOACHIM, Hans-Oliver; 8-22-8, hisagi, Zushi, Kanagawa 249-0001 (JP). ROEHR, Thomas; 70, Mameguchidai, Naka-ku, Yokohama, Kanagawa 231-0838 (JP).
- (74) EPPING HERMANN FISCHER Patentanwalts-gesellschaft mbH; Ridlerstrasse 55, 80339 München (DE).
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- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
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(21) PCT/US03/07914
- (22) 13 Mar/mar 2003 (13.03.2003)
(25) en (26) en
(30) 10/103,956 21 Mar/mar 2002 US (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND SYSTEM FOR MAXIMIZING DRAM MEMORY BANDWIDTH
• PROCEDE ET SYSTEME DE MAXIMISATION DE LA LARGEUR DE BANDE DE MEMOIRE DRAM
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) KURUPATI, Sreenath; 2016-3 Klamath Avenue, Santa Clara, CA 95051 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11C 11/15, G09G 3/00
(11) WO 03/081599 (13) A1
(21) PCT/IB03/00589
(22) 17 Feb/fév 2003 (17.02.2003)
(25) en (26) en
(30) 0207307.0 27 Mar/mar 2002 GB (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • IN-PIXEL MEMORY FOR DISPLAY DEVICES
• MEMOIRE INTEGREE AU PIXEL POUR AFFICHEURS
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VAN DER ZAAG, Pieter, J. [NL/GB]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). EDWARDS, Martin, J. [GB/GB]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LENSSEN, Kars-Michiel, H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) WILLIAMSON, Paul, L.; International 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(25) ja (26) ja
(30) 2002-89840 27 Mar/mar 2002 JP (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • Ferroelectric Memory
• MEMOIRE FERROELECTRIQUE
- (71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku, Tokyo 163-0811 (JP).
- (72) HAMADA, Yasuaki; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP).
- (74) KAMIYANAGI, Masataka et al. / etc.; c/o Intellectual Property Department, SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP).
- (81) CN KR.
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- (51)⁷ G11C 11/22
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(25) ja (26) ja
(30) 2002-89173 27 Mar/mar 2002 JP (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FERROELECTRIC STORAGE DEVICE, DRIVE METHOD AND DRIVE CIRCUIT THEREOF
• DISPOSITIF DE STOCKAGE FERROELECTRIQUE, PROCEDE D'ATTAQUE ET CIRCUIT D'ATTAQUE ASSOCIES
- (71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku, Tokyo 163-0811 (JP).
- (72) HAMADA, Yasuaki; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP).
- (74) KAMIYANAGI, Masataka et al. / etc.; c/o Intellectual Property Department, SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP).
- (81) CN KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ G11C 11/22, 5/02, H01L 27/01, 23/48
(11) WO 03/081602 (13) A1
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(22) 21 Mar/mar 2003 (21.03.2003)
(25) en (26) en
(30) 20021466 25 Mar/mar 2002 NO (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • A VOLUMETRIC DATA STORAGE APPARATUS COMPRISING A PLURALITY OF STACKED MATRIX-ADDRESSABLE MEMORY DEVICES
• DISPOSITIF DE STOCKAGE DE DONNEES VOLUMETRIQUE COMPORTANT UNE PLURALITE D'APPAREILS MEMOIRE EMPILES A ADRESSAGE MATRICIEL
(71) THIN FILM ELECTRONICS ASA [NO/NO]; P.O. Box 1872 Vika, N-0124 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) LEISTAD, Geirr, I. [NO/NO]; Jongsstubben 19, N-1337 Sandvika (NO).
GUDESEN, Hans, Gude [NO/BE]; 17 rue Fulton, B-1000 Brussels (BE).
(74) LEISTAD, Geirr, I.; Thin Film Electronics ASA, P.O. Box 1872 Vika, N-0124 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ G21C
(11) WO 03/081603 (13) A2
(21) PCT/EP03/03037
(22) 24 Mar/mar 2003 (24.03.2003)
(25) de (26) de
(30) 102 13 608.4 27 Mar/mar 2002 DE (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • NUCLEAR POWER PLANT
• CENTRALE NUCLEAIRE
(71) FRAMATOME ANP GMBH [DE/DE]; Freyeslebenstrasse 1, 91058 Erlangen (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) PFLUG, Volker [DE/DE]; Buchbergblick 14, 63505 Langenselbold (DE).
DOMSCHAT, Frank [DE/DE]; Rotdornweg 38, 63128 Dietzenbach (DE).
(74) TERGAU & POHL; Mögeldorf Hauptstrasse 51, 90482 Nürnberg (DE).
(81) JP US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G21G 1/10, H05H 9/00, A61N 5/00
(11) WO 03/081604 (13) A1
(21) PCT/JP02/02963
(22) 27 Mar/mar 2002 (27.03.2002)
(25) ja (26) ja
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • MOBILE TYPE PARTICLE ACCELERATOR SYSTEM, AND METHOD OF MANUFACTURING RADIONUCLIDE
• SYSTEME ACCELERATEUR DE PARTICULES DE TYPE MOBILE ET PROCEDE DE FABRICATION DE RADIO-NUCLEIDE
(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) AMEMIYA, Kensuke [JP/JP]; c/o HITACHI, Ltd. Power & Industrial Systems, Power & Industrial Systems R & D Laboratory, 2-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP).
HIRAMOTO, Kazuo [JP/JP]; c/o HITACHI, LTD. Power & Industrial Systems, Power & Industrial Systems R & D Laboratory, 2-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP).
SAITO, Kazuyoshi [JP/JP]; c/o HITACHI, LTD. Power & Industrial Systems, Power & Industrial Systems R & D Laboratory, 2-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP).
(74) ISONO, Michizo; c/o Isono International Patent Office, Sabo Kaikan Annex, 7-4, Hirakawa-cho 2-chome, Chiyoda-ku, Tokyo 102-0093 (JP).
(81) AU JP US.
(51)⁷ G21K 7/00, G01N 23/04
(11) WO 03/081605 (13) A1
(21) PCT/JP03/03452
(22) 20 Mar/mar 2003 (20.03.2003)
(25) ja (26) ja
(30) 2002-80947 22 Mar/mar 2002 JP (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • X-RAY IMAGE MAGNIFYING DEVICE
• DISPOSITIF D'AGRANDISSEMENT D'IMAGE DE RAYONS X
(71) HAMAMATSU PHOTONICS K.K. [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) OHBA, Akira [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).
SUGIYAMA, Masaru [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).
ONODA, Shinobu [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).
(74) HASEGAWA, Yoshiki et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ H01B 1/00, 1/20, 5/00, H01L 21/60, C09J 201/00
(11) WO 03/081606 (13) A1
(21) PCT/JP03/03635
(22) 25 Mar/mar 2003 (25.03.2003)
(25) ja (26) ja
(30) 2002-82753 25 Mar/mar 2002 JP (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • CONDUCTIVE PARTICLE AND ADHESIVE AGENT
• PARTICULE CONDUCTRICE ET AGENT ADHESIF
(71) SONY CHEMICALS CORPORATION [JP/JP]; Gate City Osaki East Tower 8F, 1-11-2, Osaki, Shinagawa-ku, Tokyo 141-0032 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) YAMADA, Yukio [JP/JP]; c/o Sony Chemicals Corporation, Kanuma Plant 2, 12-3, Satsuki-cho, Kanuma-shi, Tochigi 322-8502 (JP).
(74) TSUNODA, Yoshisue et al. / etc.; Shinjuku Bldg., 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
(81) CN JP KR US.
Published / Publiée : (c)
(51)⁷ H01B 1/22, 1/24, H01C 7/02, 8/00
(11) WO 03/081607 (13) A1
(21) PCT/US02/40633
(22) 20 Dec/déc 2002 (20.12.2002)
(25) en (26) en
(30) 10/102,435 19 Mar/mar 2002 US (19.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • PTC CONDUCTIVE COMPOSITION CONTAINING A LOW MOLECULAR WEIGHT POLYETHYLENE PROCESSING AID
• COMPOSITION CONDUCTRICE A COEFFICIENT DE TEMPERATURE POSITIF CONTENANT UN ADDITIF TECHNOLOGIQUE A BASE DE POLYETHYLENE DE BAS POIDS MOLECULAIRE
(63) US 10/102,435 (CON) 19 Mar/mar 2002 (19.03.2002)
(71) THERM-O-DISC, INCORPORATED [US/US]; 1320 S. Main Street, Mansfield, OH 44907 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BLOK, Edward, J.** [US/US]; 154 Durling Drive, Wadsworth, OH 44281 (US).
WEST, Jeffrey, A. [US/US]; 190 Bell Street, Bellville, OH 44813 (US).

(74) **SIMINSKI, Robert, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR 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).

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Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR 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)
 (u) for / pour US only / seulement

(51)⁷ **H01B 5/14, 1/20, C09D 5/24, 7/12, 201/00, B32B 27/18**

(11) **WO 03/081608** (13) A1

(21) PCT/JP03/03237

(22) **18 Mar/mar 2003 (18.03.2003)**

(25) ja (26) ja

(30) 2002-083032 **25 Mar/mar 2002 (25.03.2002)** JP

(30) 2003-068706 **13 Mar/mar 2003 (13.03.2003)** JP

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TRANSPARENT CONDUCTIVE FILM, COATING LIQUID FOR FORMING THE TRANSPARENT CONDUCTIVE FILM, TRANSPARENT CONDUCTIVE MULTILAYER STRUCTURE, AND DISPLAY

• FILM CONDUCTEUR TRANSPARENT, LIQUIDE D'INDUCTION SERVANT A FORMER UN FILM CONDUCTEUR TRANSPARENT, STRUCTURE MULTICOUCHE CONDUCTRICE TRANSPARENTE ET ECRAN

(71) **SUMITOMO METAL MINING CO.,LTD.** [JP/JP]; 5-11-3, Shinbashi, Minato-ku, Tokyo 105-8716 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YUKINOBU, Masaya** [JP/JP]; c/o Central Research Laboratory, SUMITOMO METAL MINING Co., Ltd., 3-18-5, Nakakokubun, Ichikawa-shi, Chiba 272-8588 (JP).

(74) **UEDA, Shozo**; Room 901, 25-Sankyo Bldg., 1-48-10, Higashi-Ikebukuro, Toshima-ku, Tokyo 170-0013 (JP).

(81) CN US.

(51)⁷ **H01B 5/14, H01M 14/00, H01L 31/04, B32B 17/06**

(11) **WO 03/081609** (13) A1

(21) PCT/JP03/03626

(22) **25 Mar/mar 2003 (25.03.2003)**

(25) ja (26) ja

(30) 2002-86859 **26 Mar/mar 2002 (26.03.2002)** JP

(30) 2002-333598 **18 Nov/nov 2002 (18.11.2002)** JP

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CONDUCTIVE GLASS AND PHOTO-ELECTRIC CONVERSION DEVICE USING SAME

• VERRE CONDUCTEUR ET DISPOSITIF DE CONVERSION PHOTOELECTRIQUE METTANT EN OEUVRE CE VERRE

(71) **FUJIKURA LTD.** [JP/JP]; 5-1, Kiba 1-chome, Koto-ku, Tokyo 135-8512 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OKADA, Kenichi** [JP/JP]; c/o Fujikura Ltd., 5-1, Kiba 1-chome, Koto-ku, Tokyo 135-8512 (JP). **MATSUI, Hiroshi** [JP/JP]; c/o Fujikura Ltd., 5-1, Kiba 1-chome, Koto-ku, Tokyo 135-8512 (JP). **TANABE, Nobuo** [JP/JP]; c/o Fujikura Ltd., 5-1, Kiba 1-chome, Koto-ku, Tokyo 135-8512 (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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H01B 17/20**

(11) **WO 03/081610** (13) A1

(21) PCT/EP02/03274

(22) **22 Mar/mar 2002 (22.03.2002)**

(25) de (26) de

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ELECTRIC INSULATORS AND METHOD FOR THE PRODUCTION THEREOF

• ISOLATEURS ELECTRIQUES ET LEURS PROCÉDES DE PRODUCTION

(71) **SEFAG AG** [CH/CH]; Werksstrasse 7, CH-6102 Malters (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PETER, Manfred** [DE/CH]; Sefag AG, Werksstrasse 7, CH-6102 Malters (CH).
SCHMUCK, Frank [DE/CH]; Sefag AG, Werksstrasse 7, CH-6102 Malters (CH).

(74) **LIPPICH, Wolfgang** et al. / etc.; Samson & Partner, Widenmayerstrasse 5, 80538 München (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 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)⁷ **H01C 13/02**

(11) **WO 03/081611** (13) A1

(21) PCT/JP02/02819

(22) **25 Mar/mar 2002 (25.03.2002)**

(25) ja (26) ja

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SURFACE MOUNTING CHIP NETWORK COMPONENT

• COMPOSANT DE RESEAU A PUCE MONTE EN SURFACE

(71) **K-TECH DEVICES CORP.** [JP/JP]; 14016-30, Ooaza Nakaminowa, Minowacho, Kamiinagun, Nagano 399-4601 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOBAYASHI, Eiji** [JP/JP]; c/o K-Tech Devices Corp., 14016-30, Ooaza Nakaminowa, Minowacho, Kamiinagun, Nagano 399-4601 (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).

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Declaration / Déclaration :

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(51)⁷ **H01F 1/00, A61K 49/18**

(11) **WO 03/081612** (13) A1

(21) PCT/IN02/00070

(22) **26 Mar/mar 2002 (26.03.2002)**

(25) en (26) en
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • PROCESS FOR THE PREPARATION OF NANOSIZED IRON OXIDE BY BIOMIMETIC ROUTE
• PROCESSUS DE PREPARATION D'OXYDE DE FER DE TAILLE NANOMETRIQUE PAR DES VOIES BIOMETRIQUES

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

(72) SINHA, Arvind; National Metallurgical Laboratory, Jamshedpur, Jharkhand (IN). CHAKRABORTY, Jui; National Metallurgical Laboratory, Jamshedpur, Jharkhand (IN). DAS, Samar; National Metallurgical Laboratory, Jamshedpur, Jharkhand (IN). DAS, Swapan, Kumar; National Metallurgical Laboratory, Jamshedpur, Jharkhand (IN). RAO, Venkatesh; National Metallurgical Laboratory, Jamshedpur, Jharkhand (IN). RAO, Patcha, Ramachandra; National Metallurgical Laboratory, Jamshedpur, Jharkhand (IN).

(74) HARIHARAN, Subramaniam et al. / etc.; Subramaniam, Nataraj & Associates, E-556 Greater Kailash II, New Delhi 110 048 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG 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)⁷ H01F 7/02, 7/20, A45F 5/00
(11) WO 03/081613 (13) A1
(21) PCT/US03/08318
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 10/101,085 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • FOLDABLE PORTABLE MAGNETIC TOOL MAT
• NATTE D'OUTILS PORTATIVE MAGNETIQUE ET PLIABLE

(71) DEVINE INTERNATIONAL, INC. [US/US]; 2930 Prospect Street, Sarasota, FL 34239 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEVINE, Rita, M. [US/US]; 2930 Prospect Street, Sarasota, FL 34239 (US).

(74) GIFFORD, Ernest, I. et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., 280 N. Old Woodward Ave., Suite 400, Birmingham, MI 48009 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01F 17/04, H05K 1/16, H01F 37/00, 41/04, 27/255

(11) WO 03/081614 (13) A1
(21) PCT/IE03/00048
(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en
(30) S2002/0221 27 Mar/mar 2002 IE (27.03.2002)
(30) S2002/0223 27 Mar/mar 2002 IE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • "A MAGNETIC STRUCTURE ASSEMBLY"
• ENSEMBLE DE STRUCTURE MAGNETIQUE

(71) COMMERGY TECHNOLOGIES LIMITED [IE/IE]; 133 Lansdowne Park, Ballsbridge, Dublin 4 (IE).
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(72, 75) YOUNG, George [IE/IE]; 11 Woodlands Park, Blackrock, County Dublin (IE). WALSH, Patrick [IE/IE]; 19 Summerfield Meadows, Blanchardstown, Dublin 15 (IE).

(74) O'CONNOR, Donal, H. et al. / etc.; Cruickshank & Co., 1 Holles Street, Dublin 2 (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01F 38/18, H04B 10/22, 5/00
(11) WO 03/081615 (13) A1
(21) PCT/EP03/02967
(22) 21 Mar/mar 2003 (21.03.2003)
(25) de (26) de
(30) 202 04 584.6 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • POWER TRANSFORMER FOR WIND ENERGY PLANTS
• TRANSFORMATEUR DE COURANT DE PUISSANCE POUR EOLIENNE

(71) WALTER KRAUS GMBH [DE/DE]; Aindlinger Str. 13, 86167 Augsburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BÜLTER, Olaf [DE/DE]; Am Schindbach 3, 86551 Aichach (DE).

(74) ERNICKE, H., D. et al. / etc.; Schwibbogenplatz 2b, 86153 Augsburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ H01F 41/04, 17/00, H01L 21/02
(11) WO 03/081616 (13) A1
(21) PCT/EP03/02880
(22) 19 Mar/mar 2003 (19.03.2003)
(25) de (26) de
(30) 102 12 630.5 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • COIL ON A SEMICONDUCTOR SUBSTRATE AND METHOD FOR PRODUCTION THEREOF

• BOBINE SUR UN SUBSTRAT SEMICONDUCTEUR ET PROCÉDE DE FABRICATION ASSOCIÉ

(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) BUEYUEKTAS, Kevni [DE/DE]; Nietzschesstr. 26, 80807 München (DE). KOLLER, Klaus [DE/DE]; Erikastr. 12, 82110 Germering (DE). MUELLER, Karlheinz [DE/DE]; Finkenweg 11, Velden 84149 (DE).

(74) STÖCKELER, Ferdinand et al. / etc.; Schoppe, Zimmermann, Stöckeler & Zinkler, Postfach 246, 82043 Pullach bei 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H01G
(11) WO 03/081617 (13) A2
(21) PCT/RU03/00107
(22) 24 Mar/mar 2003 (24.03.2003)
(25) ru (26) ru
(30) 2002107407 26 Mar/mar 2002 RU (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DOUBLE-LAYER ELECTROCHEMICAL CAPACITOR
• CONDENSATEUR ELECTROCHIMIQUE
(71, 72) RAZUMOV, Sergey Nikolaevich [RU/RU]; Elektrichesky pereulok, 8-4-7, Moscow, 123455 (RU).
(72, 75) VARAKIN, Igor Nikolaevich [RU/RU]; Sirenevy b-r, 13-80, Troitsk, Moskovskaya obl., 142190 (RU). STEPANOV, Aleksey Borisovich [RU/RU]; Sirenevy b-r, 6-119, Troitsk, Moskovskaya obl., 142190 (RU). KULGANOVA, Ekaterina Alexeevna [RU/RU]; ul. Osipova, 10a-78, Saratov, 410010 (RU). MENUHOV, Vladimir Vasilevich [RU/RU]; ul. Generala Tjuleneva, 29-3-147, Moscow, 117465 (RU).
(74) SHIROKOVA, Tatyana Konstantinovna; ul. Pervomaiskaya, 66-135, Moscow, 105554 (RU).
(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 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01G
(11) WO 03/081619 (13) A2
(21) PCT/RU03/00114
(22) 25 Mar/mar 2003 (25.03.2003)
(25) ru (26) ru
(30) 2002107404 26 Mar/mar 2002 RU (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DOUBLE-LAYER ELECTROCHEMICAL CAPACITOR
• CONDENSATEUR ELECTROCHIMIQUE MUNI D'UNE DOUBLE COUCHE ELECTRIQUE
(71, 72) RAZUMOV, Sergey Nikolaevich [RU/RU]; Elektrichesky pereulok, 8-4-7, Moscow, 123455 (RU).
(72, 75) KAZARAYAN, Samvel Avakovich [RU/RU]; ul. Tsentralnaya, 26-25, Troitsk, Moskovskaya obl., 142190 (RU). HARISOV, Gamir Galievich [RU/RU]; ul. Jubileynaya, 4-10, Troitsk, Moskovskaya obl., 142190 (RU). LITVINENKO, Sergey Nikolaevich [RU/RU]; Zelenograd, 1101-168, Moscow, 103460 (RU).
(74) SHIROKOVA, Tatyana Konstantinovna; ul. Pervomaiskaya, 66-135, Moscow, 105554 (RU).
(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 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01G
(11) WO 03/081618 (13) A2
(21) PCT/RU03/00109
(22) 24 Mar/mar 2003 (24.03.2003)
(25) ru (26) ru
(30) 2002107408 26 Mar/mar 2002 RU (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD FOR CHARGING AND DISCHARGING A DOUBLE LAYER ELECTRICAL CAPACITOR
• PROCEDE DE CHARGE ET DE DECHARGE D'UN CONDENSATEUR A DOUBLE COUCHE ELECTRIQUE
(71, 72) RAZUMOV, Sergey Nikolaevich [RU/RU]; Elektrichesky pereulok, 8-4-7, Moscow, 123455 (RU).
(72, 75) VARAKIN, Igor Nikolaevich [RU/RU]; Sirenevy b-r, 13-80, Troitsk, Moskovskaya obl., 142190 (RU). STEPANOV, Aleksey Borisovich [RU/RU]; Sirenevy b-r, 6-119, Troitsk, Moskovskaya obl., 142190 (RU). KLEMENTOV, Arkadiy Dmitrievich [RU/RU]; ul. Tsentralnaya, 16-55, Troitsk, Moskovskaya obl., 142190 (RU). MENUHOV, Vladimir Vasilevich [RU/RU]; ul. Generala Tjuleneva, 29-3-147, Moscow, 117465 (RU).
(74) SHIROKOVA, Tatyana Konstantinovna; ul. Pervomaiskaya, 66-135, Moscow, 105554 (RU).
(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 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01G 9/038, H01M 10/40
(11) WO 03/081620 (13) A1
(21) PCT/DE03/00815
(22) 13 Mar/mar 2003 (13.03.2003)
(25) de (26) de
(30) 102 12 609.7 21 Mar/mar 2002 DE (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • ELECTROLYTE SOLUTION AND USE THEREOF
• SOLUTION D'ELECTROLYTE ET SON UTILISATION
(71) EPCOS AG [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SCHWAKE, Andree [DE/DE]; Am Lammkeller 9, 89520 Heidenheim (DE).
(74) EPPING HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH; Riederstrasse 55, 80339 München (DE).
(81) CN JP RU US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GR BR HU IE IT LU MC NL PT RO SE SI SK TR).
Published / Publiée : (c)
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- (51)⁷ H01H 21/18, H01R 13/70
(11) WO 03/081621 (13) A1
(21) PCT/SG03/00058
(22) 26 Mar/mar 2003 (26.03.2003)
(25) en (26) en
(30) 200201767-1 27 Mar/mar 2002 SG (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • POWER OUTLET DEVICE
• DISPOSITIF DE PRISE DE COURANT
(71) N.C.E. ELECTRICAL (S) PTE LTD [SG/SG]; Block 1024, Yishun, Park A., #02-31/33, Singapore 768763 (SG).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) LIM, Cheok Choo [SG/SG]; c/o N.C.E.ELECTRICAL (S) PTE LTD., Block 1024, Yichun Ind. Park A., #02-31/33., Singapore 768763 (SG).
(74) DREW & NAPIER LLC; 20 Raffles Place., #17-00, Ocean Towers, Singapore 048620 (SG).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01H 33/66
(11) WO 03/081622 (13) A1
(21) PCT/NL03/00215
(22) 21 Mar/mar 2003 (21.03.2003)

(25) nl (26) en
(30) 1020223 **21 Mar/mar 2002** NL
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • GETTER DEVICE FOR VACUUM CIR-
CUIT BREAKER
• DISPOSITIF DE DEGAZAGE

(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) LEUSENKAMP, Martin, Bernar-
dus, Johannes [NL/NL]; Kalmarstraat 44,
NL-7559 Ja Hengelo (NL). HILDERINK,
Johannes, Hermannus, Laurentius, Anto-
nius [NL/NL]; Munsterdijk 23A, NL-7481
SJ Haaksbergen (NL).

(74) VAN WESTENBRUGGE, Andries
et al; 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H01H 51/01
(11) WO 03/081623 (13) A1
(21) PCT/IE03/00012
(22) 27 Jan/jan 2003 (27.01.2003)
(25) en (26) en
(30) S020199 **21 Mar/mar 2002** IE
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)
(54) • RESETTABLE SWITCHING DEVICE
• DISPOSITIF DE COMMUTATION A
REENCLENCEMENT

(71) TRIPCO LIMITED [IE/IE]; Atreus Place,
Poolboy, Ballinasloe, County Galway (IE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WARD, Patrick [IE/IE]; Atreus Place,
Poolboy, Ballinasloe, County Galway (IE).

(74) BOYCE, Conor et al. / etc.; F R Kelly & Co,
27 Clyde Road, Ballsbridge, Dublin 4 (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC

NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SD SE SG
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA
ZM ZW AP (GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU
TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES
FI FR GB GR HU IE IT LU MC NL PT SE SI SK
TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ H01J 1/304, 9/02, 17/06, 35/06

(11) WO 03/081624 (13) A2

(21) PCT/EP03/50078

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 0206984.7 **25 Mar/mar 2002** GB
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FIELD ELECTRON EMISSION MATE-
RIALS AND DEVICES
• MATERIAUX A EMISSION ELECTRO-
NIQUE DE CHAMP ET DISPOSITIFS
ASSOCIES

(71) PRINTABLE FIELD EMITTERS LIM-
ITED [GB/GB]; Atlas Centre, Rutherford
Appleton Laboratory, Chilton, DIDCOT,
Oxfordshire OX11 0QX (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BURDEN, Adrian, Paul [GB/SG];
370E Alexandra Road, 01-09 The Anchor-
age, 159958 SINGAPORE (SG). BISHOP,
Hugh [GB/GB]; 19 Appleford Drive, Abing-
don, Oxfordshire OX14 2BZ (GB). LEE,
Warren [GB/GB]; 48 Lowfield Road, Caver-
sham, Reading, Berkshire RG4 6PB (GB).

(74) STANLEY, David; Stanleys, Kings Court,
12 King Street, Leeds, Yorkshire LS1 2HL
(GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H01J 5/48

(11) WO 03/081625 (13) A1

(21) PCT/US03/08529

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/366,192 **21 Mar/mar 2002** US
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HIGH TEMPERATURE LAMP
• LAMPE A HAUTE TEMPERATURE

(71) FEDERAL-MOGUL CORPORATION
[US/US]; 26555 Northwestern Highway,
Southfield, MI 48034 (US).

(72) BRYANT, Johnny, Dewayne; 3883 Freehill
Road, Cookeville, TN 38501 (US).

(74) STEVENS, James, D.; Reising, Ethington,
Barnes, Kisselle, Learman & McCulloch,
P.C., P.O. Box 4390, Troy, MI 48099-4390
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H01J 9/50, B23K 26/40

(11) WO 03/081626 (13) A1

(21) PCT/FI03/00211

(22) 19 Mar/mar 2003 (19.03.2003)

(25) fi (26) en

(30) 20020554 **22 Mar/mar 2002** FI
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR DISMANTLING ELEC-
TRONIC PRODUCTS CONTAINING
CATHODE-RAY TUBES AND FOR RE-
CYCLING THE MATERIALS

• PROCEDE DE DESASSEMBLAGE DE
PRODUITS ELECTRONIQUES CONTE-
NANT DES TUBES CATHODIQUES ET
DE RECYCLAGE DES MATERIAUX

(71, 72) HOLAPPA, Rauno [FI/FI]; Minttukuja
4, FIN-90460 Oulunsalo (FI). LESKI-
NEN, Kalevi [FI/FI]; Sinkkivälkeentie 23,
FIN-90240 Oulu (FI).

(72, 75) LITENDAHL, Heikki [FI/FI];
Parkumäentie 3, FIN-90860 Halosenniemi
(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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

- (51)⁷ H01J 17/49
(11) WO 03/081627 (13) A2
(21) PCT/IB03/00880
(22) 5 Mar/mar 2003 (05.03.2003)
(25) en (26) en
(30) 02076111.0 21 Mar/mar 2002 EP
(21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DISPLAY PANEL
• PANNEAU D'AFFICHAGE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DEKKER, Tim [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
OVERSLUIZEN, Gerrit [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
DE ZWART, Siebe, T. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
VAN HEUSDEN, Sybrandus [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
VAN DIJK, Roy [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
SALTERS, Bart, A. [NL/NL]; c/o 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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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)⁷ H01J 29/02, 23/26
(11) WO 03/081628 (13) A1
(21) PCT/KR02/00485
(22) 21 Mar/mar 2002 (21.03.2002)
(25) ko (26) en
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • AN UNSYMMETRICAL-DIELECTRIC LOADED HELICAL STRUCTURE WITH NEGATIVE DISPERSION CHARACTERISTICS AND A WIDEBAND TRAVELLING-WAVE TUBE USING THE SAME
• STRUCTURE HELICOIDE CHARGÉE DE DIELECTRIQUE NON SYMÉTRIQUE PRÉSENTANT DES CARACTÉRISTIQUES DE DISPERSION NÉGATIVES ET TUBE À ONDES PROGRESSIVES DE BANDE LARGE FAISANT APPEL À CETTE STRUCTURE
- (71, 72) JUNG, Sun-Shin [KR/KR]; Korea Electrotechnology Research Institute, 28-1, Seongju-dong, 641-120 Changwon-city, Kyungsangnam-do (KR).
PARK, Gun-Sik [KR/KR]; 104-1011, Shintree 1-danji A, Shinjung-dong, Yangcheon-ku, 158-070 Seoul (KR).
- (74) YOU ME PATENT & LAW FIRM; 825-33 Teheran Bldg., Yoksamdong, 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 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)⁷ H01J 29/48, 29/04, 3/02
(11) WO 03/081629 (13) A1
(21) PCT/EP03/01557
(22) 17 Feb/fév 2003 (17.02.2003)
(25) en (26) en
(30) 02/03838 27 Mar/mar 2002 FR
(27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • COLD CATHODE WITH CONCENTRATED EMISSION
• CATHODE FROIDE À ÉMISSION CONCENTRÉE
- (71) THOMSON LICENSING S.A. [FR/FR]; 46 Quai Alphonse Le Gallo, F-92100 Boulogne-Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RICAUD, Jean-Luc [FR/FR]; 36 rue Charles Dumont, F-21000 Dijon (FR).
- (74) RUELLAN-LEMONNIER, Brigitte; THOMSON, 46 Quai Alphonse Le Gallo, F-92648 Boulogne (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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01J 29/94
(11) WO 03/081630 (13) A1
(21) PCT/IB03/00703
(22) 21 Feb/fév 2003 (21.02.2003)
(25) en (26) en
(30) 02076163.1 25 Mar/mar 2002 EP
(25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • GETTER DEVICE AND CATHODE RAY TUBE
• DISPOSITIF GETTER ET TUBE CATHODIQUE
- (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) BECKERS, Henricus, G., M. [NL/NL]; c/o 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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01J 35/08
(11) WO 03/081631 (13) A1
(21) PCT/DE03/01004
(22) 26 Mar/mar 2003 (26.03.2003)
(25) de (26) de
(30) 102 13 496.0 26 Mar/mar 2002 DE
(26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • X-RAY SOURCE HAVING A SMALL FOCAL SPOT
• SOURCE DE RAYONS X AYANT UN FOYER DE PETITE TAILLE
- (71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Leonrodstrasse 54, 80636 Muenchen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FREY, Lothar [DE/DE]; Meisenstrasse 11a, 91315 Hoechststadt (DE).
LEHRER, Christoph [DE/DE]; Siligmuellerstrasse 11, 97753 Karlstadt (DE).
HANKE, Randolf [DE/DE]; Veilchenweg 8, 90617 Paschendorf (DE).
SCHMITT, Peter [DE/DE]; Vogelherd 60, 91058 Erlangen (DE).
- (74) LEONHARD OLGEMOELLER FRICKE et al. / etc.; Postfach 10 09 62, 80083 Muenchen (DE).
- (81) DE US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ H01J 37/252, 37/244, 49/40, G01N 23/20, H01L 21/66
(11) WO 03/081632 (13) A1
(21) PCT/JP03/03502
(22) 24 Mar/mar 2003 (24.03.2003)
(25) ja (26) ja

- (30) 2002-83081 **25 Mar/mar 2002** JP
(25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • 3-DIMENSIONAL ION SCATTERING SPECTROSCOPIC METHOD AND SPECTROSCOPIC DEVICE
- PROCEDE SPECTROSCOPIQUE A DIFFUSION IONIQUE TRIDIMENSIONNELLE ET DISPOSITIF SPECTROSCOPIQUE
- (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) KOBAYASHI, Takane [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP). AONO, Masakazu [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP).
- (74) SUYAMA, Saichi; Kanda Higashiyama Bldg., 1, Kandata-cho 2-chome, Chiyoda-ku, Tokyo 101-0046 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ H01J 37/32
- (11) WO 03/081633 (13) A2
- (21) PCT/US03/06716
- (22) 5 Mar/mar 2003 (05.03.2003)
- (25) en (26) en
- (30) 60/364,782 **18 Mar/mar 2002** US
(18.03.2002)
- (30) 10/241,653 **10 Sep/sep 2002** US
(10.09.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TANDEM ETCH CHAMBER PLASMA PROCESSING SYSTEM
- SYSTEME DE TRAITEMENT AU PLASMA A ENCEINTE DE GRAVURE EN TANDEM
- (71) APPLIED MATERIALS, INC. [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).
- (72) PATERSON, Alexander; 1035 Coleman Road, Apt. 7207, San Jose, CA 95123 (US). TODOROV, Valentin, N.; 3300 Wolcott Common, No. 202, Fremont, CA 94538 (US). MCCHESENEY, Jon; 35 Brewin Lane, San Ramon, CA 94583 (US). SCHNEIDER, Gerhard, M.; 10425 Alicia Court, Cupertino, CA 95014 (US). PALAGASHVILI, David; 49 Showers Drive, K-431, Mountain View, CA 94040 (US). HOLLAND, John, P.; 1565 Calaveras Avenue, San Jose, CA 95126 (US). BARNES, Michael, S.; 12215 Santa Teresa Drive, San Ramon, CA 94583 (US).
- (74) PATTERSON, B., Todd et al. / etc.; Moser, Patterson & Sheridan, LLP, 3040 Post Oak Blvd., Suite 1500, Houston, TX 77056 (US).
- (81) CN JP SG.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR).
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- (51)⁷ H01J 37/34
- (11) WO 03/081634 (13) A2
- (21) PCT/DE03/00962
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) de (26) de
- (30) 102 13 043.4 **22 Mar/mar 2002** DE
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TUBE MAGNETRON
- MAGNETRON TUBULAIRE
- (71) VON ARDENNE ANLAGENTECHNIK GMBH [DE/DE]; Plattleite 19/29, 01324 Dresden (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ERBKAMM, Wolfgang [DE/DE]; Henningsdorfer Strasse 1, 01257 Dresden (DE). HECHT, Hans-Christian [DE/DE]; Nordstrasse 13 a, 01689 Weinböhla (DE).
- (74) ADLER, Peter; Lippert, Stachow, Schmidt & Partner, Krenkelstrasse 3, 01309 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01J 61/00
- (11) WO 03/081635 (13) A2
- (21) PCT/IB03/00660
- (22) 26 Feb/fév 2003 (26.02.2003)
- (25) en (26) en
- (30) 02076183.9 **26 Mar/mar 2002** EP
(26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • LAMP AND METHOD FOR MANUFACTURING A LAMP
- LAMPE ET SON PROCEDE DE FABRICATION
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DEKKERS, Walterus, J., M. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) PET, Robert, J.; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01J
- (11) WO 03/081637 (13) A2
- (21) PCT/EP03/03209
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) de (26) de
- (30) 102 13 812.5 **27 Mar/mar 2002** DE
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01J 65/00
- (11) WO 03/081636 (13) A1
- (21) PCT/KR03/00535
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 10-2002-0015602 **22 Mar/mar 2002** KR
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • LAMP, METHOD OF FABRICATING THE SAME AND LIQUID CRYSTAL DISPLAY APPARATUS HAVING THE SAME
- LAMPE, SON PROCEDE DE FABRICATION ET APPAREIL A ECRAN D'AFFICHAGE A CRISTAUX LIQUIDES COMPORTANT UNE TELLE LAMPE
- (71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-si, 442-742 Gyeonggi-do (KR). KUMHO ELECTRIC CO., LTD. [KR/KR]; #418, Mapo-dong, Mapo-gu, 121-734 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIM, Byung-Hyun [KR/KR]; #1090-20, Seryu3-dong, Gwonseon-gu, Suwon-si, 441-878 Gyeonggi-do (KR). KANG, Sung-Chul [KR/KR]; 164-1001 Hyundai Seongwoo 2cha APT., Sanghyun-ri, Suji-cup, Yongin-si, 449-843 Gyeonggi-do (KR). OH, Weon-Sik [KR/KR]; 204-802 Unam Jugong APT., #920-2, Osan-dong, Osan-si, 447-010 Gyeonggi-do (KR). LEE, Keun-Woo [KR/KR]; 110-401 Hyundaitown 1danji APT., Banwol-ri, Tacan-cup, Hwaseong-gun, 445-973 Gyeonggi-do (KR). YOO, Hyeong-Suk [KR/KR]; 211-401 Dae-woo APT., #535 Yatap-dong, Bundang-gu, Seongnam-si, 463-070 Gyeonggi-do (KR).
- (74) PARK, Young-Woo; 5F., Seil Building, #727-13, Yoksam-dong, Gangnam-gu, 135-921 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01J
- (11) WO 03/081637 (13) A2
- (21) PCT/EP03/03209
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) de (26) de
- (30) 102 13 812.5 **27 Mar/mar 2002** DE
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)

- (54) • CONDUCTOR CROSSOVER FOR A SEMICONDUCTOR DETECTOR
- INTERCONNEXION DE LIGNE DESTINEE A UN DETECTEUR A SEMI-CONDUCTEURS

(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) STRÜDER, Lothar [DE/DE]; Römerstrasse 28, 80803 München (DE). LUTZ, Gerhard [DE/DE]; Therese Giehse Allee 23, 81739 München (DE). RICHTER, Rainer [DE/DE]; Reichenastrasse 33, 81243 München (DE).

(74) BEIER, Ralph; 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 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L

(11) WO 03/081638 (13) A2

(21) PCT/US03/06718

(22) 5 Mar/mar 2003 (05.03.2003)

(25) en (26) en

(30) 60/365,465 19 Mar/mar 2002 US (19.03.2002)

(30) 60/405,397 23 Aug/août 2002 US (23.08.2002)

(30) 10/376,865 28 Feb/fév 2003 US (28.02.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR CONDUCTANCE SWITCHING IN MOLECULAR ELECTRONIC JUNCTIONS

- PROCEDE DE COMMUTATION DE CONDUCTANCE AUX JONCTIONS ELECTRONIQUES MOLECULAIRES

(71) THE OHIO STATE UNIVERSITY [US/US]; 1960 Kenny Road, Columbus, OH 43210-1063 (US).

(72) McCREERY, Richard, L.; 1019 Ravine Ridge Drive, Worthington, OH 43085 (US).

(74) GILCREST, Roger, A.; Standley & Gilcrest LLP, Suite 210, 495 Metro Place South, Dublin, OH 43017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L

(11) WO 03/081639 (13) A2

(21) PCT/US03/08068

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/365,609 18 Mar/mar 2002 US (18.03.2002)

(30) 10/390,101 17 Mar/mar 2003 US (17.03.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ON-CHIP AC COUPLED CIRCUIT

- CIRCUIT DE COUPLAGE AU COURANT ALTERNATIF SUR PUCE

(71) XANOPTIX, INC. [US/US]; 10 Al Paul Lane, Merrimack, NH 03054 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WYMAN, Theodore, Ted, J. [US/US]; 37 Francestown TPK, Mont Vernon, NH 03057 (US). MARTIN, Robert [US/US]; 4510 Fontana Street, Orlando, FL 32807 (US). GAHLSDORF, Rien [US/US]; 6 Terry Street, Nashua, NH 03064 (US).

(74) STRAUSSMAN, Richard; 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 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L

(11) WO 03/081640 (13) A2

(21) PCT/US03/08480

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 10/101,807 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • STRAINED FIN FETS STRUCTURE AND METHOD

- STRUCTURE DE TRANSISTORS A EF-FET DE CHAMP (FET) A AILETTES CONTRAINTEES

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(72) CLARK, William, F.; 5 Hillside Circle, Essex Junction, VT 05452 (US). FRIED, David, M.; 201 Maple Avenue, B2, Ithaca, NY 14250 (US). LANZEROTTI, Louis, D.; 500 Pine Street, Apt. 6F, Burlington, VT 05406 (US). NOWAK, Edward, J.; 8 Windridge Road, Essex Junction, VT 05406 (US).

(74) TOWNSEND, Tiffany, L.; 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 FR GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L

(11) WO 03/081641 (13) A2

(21) PCT/US03/08533

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 0206681.9 21 Mar/mar 2002 GB (21.03.2002)

(30) 0212083.0 25 May/mai 2002 GB (25.05.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SUPPORT CLIP

- ATTACHE DE SUPPORT

(71) AAVID THERMALLOY, LLC [US/US]; 80 Commercial Street, Concord, NH 03301 (US).
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(72, 75) FISHER, Francis, Edward [GB/GB]; 74 Tamworth Drive, Swindon SN5 5SG (GB). LOVETT, Terence, Edward [GB/GB]; 53 Merton Avenue, Swindon SN2 7PZ (GB).

(74) WEISZ, Edward, M.; Cohen, Pontani, Lieberman & Pavane, 551 Fifth Avenue, Suite 1210, New York, NY 10176 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01L
(11) WO 03/081642 (13) A2
(21) PCT/US03/08588
(22) 21 Mar/mar 2003 (21.03.2003)
(25) en (26) en
(30) 10/103,674 21 Mar/mar 2002 US (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • POWER SEMICONDUCTOR DEVICE HAVING A VOLTAGE SUSTAINING REGION THAT INCLUDES DOPED COLUMNS FORMED WITH A SINGLE ION IMPLANTATION STEP
• DISPOSITIF DE PUISSANCE A SEMI-CONDUCTEUR COMPRENANT UNE ZONE DE MAINTIEN DE TENSION RENFERMANT DES COLONNES DOPES FORMEES AU MOYEN D'UNE OPERATION D'IMPLANTATION D'IONS SIMPLES
(71) GENERAL SEMICONDUCTOR, INC. [US/US]; 10 Melville Park Road, Melville, NY 11747-3113 (US).
(72) BLANCHARD, Richard, A.; 10724 Mora Drive, Los Altos, CA 92024 (US).
(74) WILLIAMS, Karin, L.; Mayer, Fortkort & Williams, PC, 251 North Avenue West, 2nd Floor, Westfield, NJ 07090 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L
(11) WO 03/081643 (13) A2
(21) PCT/US03/08629
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 60/366,092 19 Mar/mar 2002 US (19.03.2002)
(30) 10/285,772 1 Nov/nov 2002 US (01.11.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • APPARATUS FOR ENHANCING IMPEDANCE-MATCHING IN A HIGH-SPEED DATA COMMUNICATIONS SYSTEM
• SYSTEME AMELIORANT L'ADAPTATION D'IMPEDANCE DANS UN SYSTEME DE COMMUNICATIONS DE DONNEES A GRAND DEBIT
(71) FINISAR CORPORATION [US/US]; 1308 Moffet Park Drive, Sunnyvale, CA 94089-1133 (US).
(72) ARONSON, Lewis, B.; 794 Manor Way, Los Altos, CA 94024 (US).

(74) WILLIAMS, Gary, S. 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/00, B23K 20/10, H05K 1/11
(11) WO 03/081644 (13) A2
(21) PCT/JP03/03906
(22) 27 Mar/mar 2003 (27.03.2003)
(25) en (26) en
(30) 2002-087594 27 Mar/mar 2002 JP (27.03.2002)
(30) 2002-087595 27 Mar/mar 2002 JP (27.03.2002)
(30) 2002-087596 27 Mar/mar 2002 JP (27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • COMPONENT MOUNTING METHOD, COMPONENT MOUNTING APPARATUS, AND ULTRASONIC BONDING HEAD
• PROCEDE DE MONTAGE DE COMPOSANT, DISPOSITIF DE MONTAGE DE COMPOSANT ET TETE DE SOUDAGE PAR ULTRASONS
(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) MINAMITANI, Shozo [JP/JP]; 3-9-39-312, Minamikasugaoka, Ibaraki-shi, Osaka 567-0046 (JP). MAE, Takaharu [JP/JP]; 45-1-1207, Sakuragaoka-cho, Hirakata-shi, Osaka 573-0018 (JP). UENO, Yasuharu [JP/JP]; 3-16-33-301, Nakamiya, Asahi-ku, Osaka-shi, Osaka 535-0003 (JP). YAMADA, Akira [JP/JP]; 1-8-18, Midorigaoka, Daito-shi, Osaka 574-0073 (JP). KANAYAMA, Shinji [JP/JP]; 3-11-1-102, Shirakashi-cho, Kashihara-shi, Nara 634-0051 (JP). AKITA, Makoto [JP/JP]; 3-10-5, Otsuka-cho, Takatsuki-shi, Osaka 569-0034 (JP). WATANABE, Nobuhisa [JP/JP]; 39-1-105, Senriyamatakatsuma, Suita-shi, Osaka 565-0848 (JP). MORI, Akira [JP/JP]; 83-1-206, Kamishinden 1-cho, Toyonaka-shi, Osaka 560-0085 (JP). NAITO, Hiroyuki [JP/JP]; 3-5-10-101, Higashitoyonaka-cho, Toyonaka-shi, Osaka 560-0003 (JP). MARUMO, Shinya [JP/JP]; 1-4-23-202, Mikuriyanaka, Higashiosaka-shi, Osaka 577-0035 (JP). MORIKAWA, Makoto [JP/JP]; 5-21, Kirigaoka 3-cho, Ikoma-shi, Nara 630-0248 (JP).
(74) ISHIHARA, Masaru; 5th Floor, Tatsuno Nishi-tenma Bldg., 1-6, Nishi-tenma

3-cho, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).
(81) CN KR US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01L 21/00
(11) WO 03/081645 (13) A2
(21) PCT/US03/07485
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(30) 10/379,439 3 Mar/mar 2003 US (03.03.2003)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • SYSTEM LEVEL IN-SITU INTEGRATED DIELECTRIC ETCH PROCESS PARTICULARLY USEFUL FOR COPPER DUAL DAMASCENE
• PROCEDE DE GRAVURE DIELECTRIQUE INTEGRE IN SITU AU NIVEAU DU SYSTEME PARTICULIEREMENT UTILE POUR LE DOUBLE DAMASQUINAGE DE CUIVRE
(71) APPLIED MATERIALS, INC. [US/US]; P.O. Box 450A, Santa Clara, CA 95052 (US).
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(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(54) • SYSTEM AND METHOD FOR HEATING AND COOLING WAFER AT ACCELERATED RATES
• SYSTEME ET PROCEDE PERMETTANT DE CHAUFFER ET DE REFROIDIR UNE PLAQUETTE A VITESSE ACCELEREE
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(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RENKEN, Wayne, G.** [US/US]; 5928 Kyburz Place, San Jose, CA 95102 (US).
- (74) **PARSONS, Gerald, P.; PARSONS HSUE & DE RUNTZ LLP**, 655 Montgomery Street, San Francisco, CA 94111 (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 HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MATERIAL SUPPLY SYSTEM IN SEMICONDUCTOR DEVICE MANUFACTURING PLANT
• SYSTEME D'APPROVISIONNEMENT EN MATIERES D'UNE USINE DE FABRICATION DE DISPOSITIFS A SEMI-CONDUCTEUR
- (71) **EBARA CORPORATION** [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MIYAZAKI, Kunihiko** [JP/JP]; 3-25-1, Ninomiya, Tsukuba-shi, Ibaraki 305-0051 (JP). **NADAHARA, Soichi** [JP/JP]; 2-8, Asahigaoka, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0814 (JP). **USUDA, Kinya** [JP/JP]; 2-30-32, Ekoda, Aoba-ku, Yokohama-shi, Kanagawa 225-0005 (JP). **AKA-HORI, Masaji** [JP/JP]; 22-1, Shimohirama, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0053 (JP). **NAKAGAWA, Sota** [JP/JP]; 743-11, Iijima-cho, Sakae-ku, Yokohama-shi, Kanagawa 244-0842 (JP). **NAKAJIMA, Ken** [JP/JP]; 3-10-23-202, Dai, Kamakura-shi, Kanagawa 247-0061 (JP).
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- (54) • EXPOSURE DEVICE, EXPOSURE METHOD, AND DEVICE MANUFACTURING METHOD
• DISPOSITIF D'EXPOSITION, PROCEDE D'EXPOSITION, ET PROCEDE DE FABRICATION DU 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) **TSUJI, Toshihiko** [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). **KIMURA, Takaaki** [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). **NA-GAHASHI, Yoshitomo** [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H01L 21/027, G03F 1/16, 7/20**
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- (22) **26 Mar/mar 2003 (26.03.2003)**
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- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CIRCUIT PATTERN DIVIDING METHOD, STENCIL MASK MANUFACTURING METHOD, STENCIL MASK, AND EXPOSURE METHOD
• PROCEDE DE DIVISION DE CONFIGURATION DE CIRCUIT, PROCEDE DE FABRICATION DE MASQUE DE POCHOIR, MASQUE DE POCHOIR, ET PROCEDE D'INSOLATION
- (71) **TOPPAN PRINTING CO., LTD.** [JP/JP]; 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EGUCHI, Hideyuki** [JP/JP]; c/o TOPPAN PRINTING CO., LTD., 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016 (JP). **YOSHII, Takashi** [JP/JP]; c/o TOPPAN PRINTING CO., LTD., 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016 (JP). **SUGIMURA, Hiroshi** [JP/JP]; c/o TOPPAN PRINTING CO., LTD., 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016 (JP). **TAMURA, Akira** [JP/JP]; c/o TOPPAN PRINTING CO., LTD., 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016 (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 HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H01L 21/205, C23C 16/509, H01L 21/3065**
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- (22) **14 Jan/jan 2003 (14.01.2003)**
- (25) ja (26) ja
- (30) 2002-086148 **26 Mar/mar 2002 JP (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PLASMA PROCESSING DEVICE AND PRODUCTION METHOD OF THIN-FILM FORMING SUBSTRATE
• DISPOSITIF DE TRAITEMENT AU PLASMA ET PROCEDE DE PRODUCTION D'UN SUBSTRAT PERMETTANT DE FORMER UNE COUCHE MINCE
- (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) **SAKAI, Osamu** [JP/JP]; 3-1-28-301, Kataokadai, Kanmaki-cho, Kitakatsuragi-gun, Nara 639-0201 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(05.06.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • CVD APPARATUS AND METHOD OF CLEANING THE CVD APPARATUS
• DISPOSITIF CVD ET PROCEDE DE NETTOYAGE D'UN DISPOSITIF CVD
(71) RESEARCH INSTITUTE OF INNOVATIVE TECHNOLOGY FOR THE EARTH [JP/JP]; 2, Kizugawa-dai 9-chome, Kizu-cho, Souraku-gun, Kyoto 619-0292 (JP). NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).
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(81) CN KR US.
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(43) 2 Oct/oct 2003 (02.10.2003)
(54) • CVD APPARATUS AND METHOD OF CLEANING THE CVD APPARATUS
• DISPOSITIF CVD ET PROCEDE DE NETTOYAGE D'UN DISPOSITIF CVD
(71) RESEARCH INSTITUTE OF INNOVATIVE TECHNOLOGY FOR THE EARTH [JP/JP]; 2, Kizugawa-dai 9-chome, Kizu-cho, Souraku-gun, Kyoto 619-0292 (JP). NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).
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(81) CN KR US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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(22) 26 Mar/mar 2003 (26.03.2003)
(25) ja (26) ja
(30) 2002-087438 27 Mar/mar 2002 JP
(27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • PRESSURE-SENSITIVE ADHESIVE FILM FOR THE SURFACE PROTECTION OF SEMICONDUCTOR WAFERS AND METHOD FOR PROTECTION OF SEMICONDUCTOR WAFERS WITH THE FILM
• FILM ADHESIF SENSIBLE A LA PRESSION DESTINE A LA PROTECTION DE SURFACE DE PLAQUETTES DE SEMI-CONDUCTEURS ET PROCEDE DE PROTECTION DE PLAQUETTES DE SEMI-CONDUCTEURS A L'AIDE DE CE FILM
(71) MITSUI CHEMICALS, INC. [JP/JP]; 2-5, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-6070 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MIYAKAWA, Masafumi [JP/JP]; c/o Mitsui Chemicals, Inc., 1, Tangodori 2-chome, Minami-ku, Nagoya-shi, Aichi 457-8522 (JP). KATAOKA, Makoto [JP/JP]; c/o Mitsui Chemicals, Inc., 1, Tangodori 2-chome, Minami-ku, Nagoya-shi, Aichi 457-8522 (JP). NAKASHIMA, Jun [JP/JP]; c/o Mitsui Chemicals, Inc., Nagoya Chogin Bldg., 17-19, Marunouchi 1-chome, Naka-ku, Nagoya-shi, Aichi 460-0002 (JP). SAIMOTO, Yoshihisa [JP/JP]; c/o Mitsui Chemicals, Inc., 1, Tangodori 2-chome, Minami-ku, Nagoya-shi, Aichi 457-8522 (JP). HAYAKAWA, Shinichi [JP/JP]; c/o Mitsui Chemicals, Inc., 1, Tangodori 2-chome, Minami-ku, Nagoya-shi, Aichi 457-8522 (JP). FUJII, Yasuhisa [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP).
(81) CN PH SG US.
Declaration / Déclaration :
(u) for / pour US only / seulesment
(51)⁷ H01L 21/3065
(11) WO 03/081654 (13) A1
(21) PCT/JP03/01079
(22) 3 Feb/fév 2003 (03.02.2003)

- (25) ja (26) ja
- (30) 2002-86196 **26 Mar/mar 2002 JP (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ON-WAFER MONITORING SYSTEM
• SYSTEME DE CONTROLE SUR PLAQUETTE
- (71) **TOHOKU TECHNO ARCH CO., LTD.** [JP/JP]; 468, Aza Aoba, Aramaki, Aoba-ku, Sendai-shi, Miyagi 980-0845 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAMUKAWA, Seiji** [JP/JP]; (14B-27L), 3-52, Aza Yoshinariyama, Imosawa, Aoba-ku, Sendai-shi, Miyagi 989-3212 (JP). **SHINMURA, Tadashi** [JP/JP]; 2-13-10-201, Higashiooi, Shinagawa-ku, Tokyo 140-0011 (JP). **OKIGAWA, Mitsuru** [JP/JP]; 5-21-8, Kanayama, Naka-ku, Nagoya-shi, Aichi 460-0022 (JP).
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- (81) CN US.
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- (51)⁷ **H01L 21/3065**
- (11) **WO 03/081655** (13) A1
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- (22) **7 Mar/mar 2003 (07.03.2003)**
- (25) ja (26) ja
- (30) 2002/82716 **25 Mar/mar 2002 JP (25.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD OF PLASMA ETCHING
• PROCÉDÉ D'ATTAQUE CHIMIQUE 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) **KOBAYASHI, Noriyuki** [JP/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP).
- (74) **YOSHITAKE, Kenji** et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) CN KR US.
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- (51)⁷ **H01L 21/3065**
- (11) **WO 03/081656** (13) A1
- (21) PCT/JP03/02750
- (22) **7 Mar/mar 2003 (07.03.2003)**
- (25) ja (26) ja
- (30) 2002-82717 **25 Mar/mar 2002 JP (25.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD OF PLASMA ETCHING
• PROCEDE DE GRAVURE PAR 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) **YAMAGUCHI, Tomoyo** [JP/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). **FUJIMOTO, Kiwamu** [JP/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). **KITAMURA, Akinori** [JP/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). **JY, Jeong** [KR/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). **FUSE, Takashi** [JP/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). **OBI, Machiko** [JP/JP]; 2-403, Sankoporas-fujii, 1465-2, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-0003 (JP). **WADA, Nobuhiro** [JP/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP).
- (74) **YOSHITAKE, Kenji** et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H01L 21/3065**
- (11) **WO 03/081657** (13) A1
- (21) PCT/JP03/03769
- (22) **27 Mar/mar 2003 (27.03.2003)**
- (25) ja (26) ja
- (30) 2002/89076 **27 Mar/mar 2002 JP (27.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TREATING DEVICE, ELECTRODE, ELECTRODE PLATE, AND TREATING METHOD
• DISPOSITIF DE TRAITEMENT, ELECTRODE, PLAQUE ELECTRODE ET PROCEDE DE TRAITEMENT
- (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) **HAYASHI, Kazuichi** [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). **YATSUDA, Koichi** [JP/JP]; 74-6, Saiwai-cho, Isahaya-shi, Nagasaki 854-0022 (JP). **URAKAWA, Masafumi** [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) **WO 03/081659** (13) A1
- (21) PCT/JP03/03655
- (22) **25 Mar/mar 2003 (25.03.2003)**
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- (30) 2002-86774 **26 Mar/mar 2002 JP (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SUBSTRATE PROCESSING DEVICE AND SUBSTRATE PROCESSING METHOD, FAST ROTARY VALVES, CLEANING METHOD
• DISPOSITIF DE TRAITEMENT DE SUBSTRAT, PROCEDE CORRESPONDANT, SOUPAPES ROTATIVES, ET PROCEDE DE NETTOYAGE
- (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) **SHINRIKI, Hiroshi** [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-Cho, Nirasaki-Shi,

- Yamanashi 407-0192 (JP). ARAMI, Junichi [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuzawa, Hosaka-Cho, Nirasaki-Shi, Yamanashi 407-0192 (JP).
- (74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/336, 21/311
- (11) WO 03/081660 (13) A1
- (21) PCT/US03/07835
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) en (26) en
- (30) 10/101,298 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INTEGRATED CIRCUIT DEVICE AND METHOD THEREFOR
• DISPOSITIF DE CIRCUIT INTEGRE ET PROCEDE POUR CE DERNIER
- (71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) YEAP, Geoffrey, C-F; 6806 Telluride Trail, Austin, TX 78749 (US). JALLEPALLI, Srinivas; 3524 Greystone Drive #149, Austin, TX 78731 (US). JEON, Yongjoo; 9905 Mateo Cove, Austin, TX 78717 (US). BURNETT, James, David; 3408 Laurelledge Lane, Austin, TX 78731 (US). SINGH, Rana, P.; 11321 Pebble Garden Lane, Austin, TX 78739 (US). GRUDOWSKI, Paul, A.; 10501 Lockerbie Drive, Austin, TX 78750 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/60, C25D 7/12
- (11) WO 03/081661 (13) A1
- (21) PCT/JP03/03492
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) ja (26) ja
- (30) 2002-85891 26 Mar/mar 2002 JP (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • BONDING WIRE AND INTEGRATED CIRCUIT DEVICE USING THE SAME
• FIL DE LIAISON ET DISPOSITIF DE CIRCUIT INTEGRE FAISANT APPEL A CE FIL DE LIAISON
- (71) SUMITOMO ELECTRIC WINTEC, INCORPORATED [JP/JP]; 1073, Oaza-Eda, Shigaraki-cho, Kouka-gun, Shiga 529-1811 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NONAKA, Tsuyoshi [JP/JP]; c/o Sumitomo Electric Wintec, Incorporated, 1073, Oaza-Eda, Shigaraki-cho, Kouka-gun, Shiga 529-1811 (JP). KAIMORI, Shingo [JP/JP]; c/o Osaka Works of SUMITOMO ELECTRIC INDUSTRIES, LIMITED, 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP). IOKA, Masanori [JP/JP]; c/o Sumitomo Electric Wintec, Incorporated, 1073, Oaza-Eda, Shigaraki-cho, Kouka-gun, Shiga 529-1811 (JP). FUKAGAYA, Masato [JP/JP]; c/o Sumitomo Electric Wintec, Incorporated, 1073, Oaza-Eda, Shigaraki-cho, Kouka-gun, Shiga 529-1811 (JP).
- (74) JODAI, Tetsuji et al. / etc.; 601 Newlife Koraihashi, 3-32, Higashikoraibashi, Chuo-ku, Osaka-shi, Osaka 540-0039 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/66, G01R 31/265
- (11) WO 03/081662 (13) A1
- (21) PCT/US02/40264
- (22) 17 Dec/déc 2002 (17.12.2002)
- (25) en (26) en
- (30) 10/103,223 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND STRUCTURE FOR CALIBRATING SCATTEROMETRY-BASED METROLOGY TOOL USED TO MEASURE DIMENSIONS OF FEATURES ON A SEMICONDUCTOR DEVICE
• PROCEDE ET STRUCTURE D'ETALONNAGE D'UN INSTRUMENT METROLOGIQUE BASE SUR LA DIFFUSIOMETRIE SERVANT A MESURER
- LES DIMENSIONS DE CARACTERISTIQUES SUR UN DISPOSITIF SEMI-CONDUCTEUR
- (71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mail Stop 68, P.O. Box 9453, Sunnyvale, CA 94088-3453 (US).
- (72) NARIMAN, Homi, E.; 10205 Open Gate Drive, Austin, TX 78726 (US).
- (74) DRAKE, Paul, S.; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/66
- (11) WO 03/081663 (13) A2
- (21) PCT/US03/08797
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 10/105,607 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CORRELATION OF END-OF-LINE DATA MINING WITH PROCESS TOOL DATA MINING
• CORRELATION DE L'EXPLORATION DE DONNEES EN FIN DE LIGNE AVEC L'EXPLORATION DE DONNEES PAR OUTILS DE TRAITEMENT
- (71) APPLIED MATERIALS, INC. [US/US]; P.O. Box 450A, Santa Clara, CA 95052 (US).
- (72) BEINGLASS, Israel; 1330 Elsona Court, Sunnyvale, CA 94087 (US). FEILI, Amir; 4501 Carlyle Court, Suite 1205, Santa Clara, CA 95054 (US). DOR, Amos; 1068 Rembrandt Drive, Sunnyvale, CA 94087 (US).
- (74) BERNADICOU, Michael, A. et al. / etc.; Blakeley, 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 HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ H01L 21/68
- (11) WO 03/081664 (13) A2
- (21) PCT/FR03/00905
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) fr (26) fr
- (30) 02/03693 25 Mar/mar 2002 FR (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR TRANSFERRING ELEMENTS BETWEEN SUBSTRATES

- PROCEDE DE TRANSFERT D'ELEMENTS DE SUBSTRAT A SUBSTRAT
- (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) ASPAR, Bernard [FR/FR]; 110 Lotissement le Hameau des Ayes, F-38140 RIVES (FR). RAYSSAC, Olivier [FR/FR]; 7 Chemin du Chapitre, F-38100 GRENOBLE (FR). FOURNEL, Franck [FR/FR]; 9 route des Iles, F-38430 MORANS (FR).
- (74) LEHU, Jean; c/o BREVATOME, 3, rue du Docteur Lancereaux, F-75008 PARIS (FR).
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- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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(25) ja (26) ja
(30) 2002-80056 22 Mar/mar 2002 JP (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROCESS FOR PRODUCING SEMI-CONDUCTOR DEVICE AND SEMI-CONDUCTOR DEVICE
• PROCEDE DE PRODUCTION DE DISPOSITIF SEMI-CONDUCTEUR ET DISPOSITIF SEMI-CONDUCTEUR
- (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) TAKEUCHI, Koichi [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) DE KR US.
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(21) PCT/EP03/01139
(22) 5 Feb/fév 2003 (05.02.2003)
(25) de (26) de
(30) 102 12 914.2 22 Mar/mar 2002 DE (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PRODUCTION METHOD FOR A CONTACT IN A SEMICONDUCTOR STRUCTURE AND CORRESPONDING CONTACT
• PROCEDE DE PRODUCTION D'UN CONTACT DANS UNE STRUCTURE A SEMI-CONDUCTEURS ET CONTACT CORRESPONDANT
- (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) LUETZEN, Joern [DE/DE]; Louis-Braille-Str. 3, 01099 Dresden (DE). POPP, Martin [DE/DE]; Selliner Str. 17, 01109 Dresden (DE). SCHLOESSER, Till [DE/DE]; Zum Kiefernhang 3c, 01109 Dresden (DE).
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- (81) KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
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(11) WO 03/081667 (13) A1
(21) PCT/JP03/03493
(22) 24 Mar/mar 2003 (24.03.2003)
(25) ja (26) ja
(30) 2002-85284 26 Mar/mar 2002 JP (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SEMICONDUCTOR DEVICE AND PRODUCTION METHOD THEREFOR
• DISPOSITIF SEMI-CONDUCTEUR ET PROCEDE DE PRODUCTION 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) NISHIKAWA, Takashi [JP/JP]; 3-20, Akishinosanwa-cho 1-chome, Nara-shi, Nara 631-0814 (JP). OHTSUKA, Takashi [JP/JP]; 7-2, Uenohigashi 2-chome, Toyonaka-shi, Osaka 560-0013 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 23/28, 23/58
(11) WO 03/081668 (13) A1
(21) PCT/IB03/01025
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
(30) 02076112.8 21 Mar/mar 2002 EP (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SEMICONDUCTOR DEVICE WITH A PROTECTIVE SECURITY COATING AND METHOD OF MANUFACTURING THE SAME
- DISPOSITIF SEMI-CONDUCTEUR A REVETEMENT DE SECURITE ET DE PROTECTION ET SON PROCEDE DE FABRICATION
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WOLTERS, Robertus, A., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DE JONGH, Petra, E. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DEKKER, Ronald [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) DUIJVESTIJN, Adrianus, J.; 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 23/538, 23/367, 23/433, 21/48
(11) WO 03/081669 (13) A1
(21) PCT/FR03/00941
(22) 25 Mar/mar 2003 (25.03.2003)
(25) fr (26) fr
(30) 02/03766 26 Mar/mar 2002 FR (26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INTEGRATED CIRCUIT MODULE AND METHOD FOR MAKING SAME
• MODULE DE CIRCUITS INTEGRES ET PROCEDE DE FABRICATION CORRESPONDANT
- (71) THALES [FR/FR]; 173, boulevard Haussmann, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MARCOUX, Carine [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR). MOLINO, Marie-José [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR). REIG, Bruno [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR). VALARD, Jean-Luc [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR).
- (74) ESSELIN, Sophie et al. / etc.; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01L 23/66

(11) WO 03/081670 (13) A1

(21) PCT/IB03/01051

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 02076105.2 21 Mar/mar 2002 EP (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • POWER AMPLIFIER DEVICE

• DISPOSITIF AMPLIFICATEUR DE PUISSANCE

(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) BLEDNOV, Igor, I. [RU/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DUIJVESTIJN, Adrianus, J.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01L 27/00

(11) WO 03/081671 (13) A2

(21) PCT/DE03/00843

(22) 14 Mar/mar 2003 (14.03.2003)

(25) de (26) de

(30) 102 12 640.2 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • LOGIC COMPONENTS FROM ORGANIC FIELD EFFECT TRANSISTORS

• COMPOSANTS LOGIQUES FORMES DE TRANSISTORS A EFFET DE CHAMP ORGANIQUES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FICKER, Jürgen [DE/DE]; Hans-Geiger-Strasse 28, 91052 Erlangen (DE). FIX, Walter [DE/DE]; Mühlstrasse 20 A, 90762 Fürth (DE). ULLMANN, Andreas [DE/DE]; Kronstädter Strasse 16a, 90765 Fürth (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01L 27/105

(11) WO 03/081672 (13) A1

(21) PCT/JP03/03712

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(30) 2002-85095 26 Mar/mar 2002 JP (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MAGNETIC MEMORY DEVICE AND MANUFACTURING METHOD THEREOF

• DISPOSITIF A MEMOIRE MAGNETIQUE ET SON PROCEDE DE PRODUCTION

(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) MOTOYOSHI, Makoto [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). IKARASHI, Minoru [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) KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01L 29/15, 29/82, 29/88, H01S 5/20

(11) WO 03/081673 (13) A1

(21) PCT/US03/07636

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 10/103,054 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SURFACE PLASMON DEVICES

• DISPOSITIFS A PLASMONS DE SURFACE

(71) UNIVERSITY TECHNOLOGY CORPORATION [US/US]; 3101 Iris Avenue, Suite 250, Boulder, CO 80303 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ESTES, Michael, J. [US/US]; 1036 Purdue Drive, Longmont, CO 80503 (US). MODDEL, Garret [US/US]; 450 Marine Street, Boulder, CO 80302 (US).

(74) GALLENSON, Mavis, S. 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01L 29/778

(11) WO 03/081674 (13) A1

(21) PCT/GB03/01148

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 0206572.0 20 Mar/mar 2002 GB (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FIELD EFFECT TRANSISTOR

• TRANSISTOR A EFFET DE CHAMP

(71) QINETIQ LIMITED [GB/GB]; Cody Technology Park, Ively Road, Farnborough, Hampshire GU14 0LX (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PHILLIPS, Timothy, Jonathan [GB/GB]; Qinetiq Limited, Malvern Technology Park, St Andrews Road, Malvern, Worcestershire WR 14 3PS (GB).

(74) GODDARD, David, John; Harrison Goddard Foote, Orlando House, 11c Compstall Road, Marple Bridge, Stockport SK6 5HH (GB) 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ H01L 29/786, 21/336, 21/28, 27/12
 (11) WO 03/081675 (13) A1
 (21) PCT/DE03/00933
 (22) 20 Mar/mar 2003 (20.03.2003)
 (25) de (26) de
 (30) 102 13 545.2 26 Mar/mar 2002 DE (26.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • METHOD FOR PRODUCING AN SOI FIELD EFFECT TRANSISTOR AND CORRESPONDING FIELD EFFECT TRANSISTOR
 • PROCEDE DE REALISATION D'UN TRANSISTOR A EFFET DE CHAMP SSI ET TRANSISTOR A EFFET DE CHAMP SSI
 (71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Str.53, 81669 München (DE).
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 (72, 75) GÖTTSCHE, Ralf [DE/DE]; Schenkendorfstr. 108, 80807 München (DE). PACHA, Christian [DE/DE]; Asenweg 12, 81739 München (DE). SCHULZ, Thomas [DE/DE]; Annette-Kolb-Anger 13/5, 81737 München (DE). STEINHÖGL, Werner [DE/DE]; Rosenbuschstr. 3, 80538 München (DE).
 (74) VIERING, Hans-Martin; Viering, Jentschura & Partner, Steinsdorfstr. 6, 80538 München (DE).
 (81) JP US.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
 Published / Publiée : (c)
- (51)⁷ H01L 29/786, 21/336
 (11) WO 03/081676 (13) A1
 (21) PCT/JP03/02511
 (22) 4 Mar/mar 2003 (04.03.2003)
 (25) ja (26) ja
 (30) 2002-82451 25 Mar/mar 2002 JP (25.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • THIN FILM TRANSISTOR, CIRCUIT DEVICE AND LIQUID CRYSTAL DISPLAY
 • TRANSISTOR A FILM MINCE, SYSTEME DE CIRCUIT ET AFFICHEUR A CRISTAUX LIQUIDES
 (71) KABUSHIKI KAISHA EKISHO SENTAN GIJUTSU KAIHATSU CENTER [JP/JP]; 292 Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) HIRAMATSU, Masato [JP/JP]; 8-26-6-310, Aoto, Katsushika-ku, Tokyo 125-0062 (JP). MATSUMURA, Masakiyo [JP/JP]; 2-8-10-101, O-machi, Kamakura-shi, Kanagawa 248-0007 (JP). NISHITANI, Mikihiro [JP/JP]; 2-16-5, Midorigaoka, Gakuen, Nara-shi, Nara 631-0026 (JP). KIMURA, Yoshinobu [JP/JP]; 1-18-21, Nakajujo, Kita-ku, Tokyo 114-0032 (JP). YAMAMOTO, Yoshitaka [JP/JP]; 17-7, Izumihara-cho, Yamatokoriyama-shi, Nara 639-1056 (JP).
 (74) MATSUNAGA, Nobuyuki et al. / etc.; Urban Toranomon Building, 7F, 16-4, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
 (81) CN JP KR US.
 Published / Publiée : (a)
- (51)⁷ H01L 29/786
 (11) WO 03/081677 (13) A1
 (21) PCT/US02/40398
 (22) 17 Dec/déc 2002 (17.12.2002)
 (25) en (26) en
 (30) 10/104,939 21 Mar/mar 2002 US (21.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • BASED, TRIPLE-WELL FULLY DEPLETED SOI STRUCTURE, AND VARIOUS METHODS OF MAKING AND OPERATING SAME
 • STRUCTURE SOI TOTALEMENT APPAUVRIE, A TRIPLE PUITTS, POLARISSE ET PROCEDES DIVERS DE FABRICATION ET D'EXPLOITATION DE LADITE STRUCTURE
 (71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).
 (72) WEI, Andy, C.; 9323 Manchaca Rd #125, Austin, TX 78748 (US). WRISTERS, Derrick, J.; 13710 Overland Pass, Bee Caves, TX 78738 (US). FUSELIER, Mark, B.; 12232 Barrel Bend, Austin, TX 78748 (US).
 (74) DRAKE, Paul, S.; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 (51)⁷ H01L 29/808, 29/06
 (11) WO 03/081679 (13) A1
 (21) PCT/DE03/00790
 (22) 12 Mar/mar 2003 (12.03.2003)
 (25) de (26) de
 (30) 102 13 534.7 26 Mar/mar 2002 DE (26.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • SEMI-CONDUCTOR STRUCTURE COMPRISING A SWITCH ELEMENT AND AN EDGE ELEMENT
 • STRUCTURE SEMICONDUCTRICE COMPORTANT UN ELEMENT DE COMMUTATION ET UN ELEMENT MARGINAL
 (71) SISED ELECTRONICS DEVELOPMENT GMBH & CO. KG [DE/DE]; Paul-Gossen-Strasse 100, 91052 Erlangen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) DOHNKE, Karl-Otto [DE/DE]; Ringstr. 74, 96117 Memmelsdorf (DE). ELPELT, Rudolf [DE/DE]; Eskilstunastr. 32, 91054 Erlangen (DE). FRIEDRICH, Peter [DE/DE]; Trienter Str. 2b, 90475 Nürnberg (DE). MITLEHNER, Heinz [DE/DE]; Danziger Str. 1A, 91080 Uttenreuth (DE). SCHÖRNER, Reinhold [DE/DE]; Wiesenstr. 27, 91091 Grossenseebach (DE).
 (74) BERG, Peter; Siemens AG, 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 HU IE IT LU MC NL PT RO SE SI 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 HU IE IT LU
MC NL PT RO SE SI SK TR
(u) for / pour US only / seulement

(51)⁷ H01L 29/82, 43/08, G01R 33/09, G11B
5/39, H01L 33/00, 27/105

(11) WO 03/081680 (13) A1

(21) PCT/JP03/03604

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(30) 2002-86928 26 Mar/mar 2002 JP
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TUNNELING MAGNETORESIS-
TANCE DEVICE, SEMICONDUCTOR
JUNCTION DEVICE, MAGNETIC
MEMORY, AND SEMICONDUCTOR
LIGHT-EMITTING DEVICE
• DISPOSITIF A MAGNETORESIS-
TANCE TUNNEL, DISPOSITIF DE
JONCTION DE SEMI-CONDUCTEURS
ET DISPOSITIF ELECTROLUMINES-
CENT A SEMI-CONDUCTEUR

(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) TANAKA, Hidekazu [JP/JP];
4-32-5-108, Yamadahigashi, Suita-shi, Osaka
565-0821 (JP). KAWAI, Tomoji [JP/JP];
5-26-15-615, Onoharagishi, Mino-shi,
Osaka 562-0031 (JP).

(74) HARA, Kenzo; HARA KENZO PATENT
LAW FIRM, Daiwa Minamimorimachi
Building, 2-6, Tenjinbashi 2-chome Kita,
Kita-ku, Osaka-shi, Osaka 530-0041 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT SE SI
SK TR).

Published / Publiée : (c)

(51)⁷ H01L 29/861, 21/329, 29/866

(11) WO 03/081681 (13) A1

(21) PCT/JP03/03181

(22) 17 Mar/mar 2003 (17.03.2003)

(25) ja (26) ja

(30) 2002-85979 26 Mar/mar 2002 JP
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SEMICONDUCTOR ELEMENT AND
METHOD FOR FABRICATING THE
SAME

• ELEMENT A SEMI-CONDUCTEURS
ET PROCEDE DE FABRICATION DE
CE DERNIER

(71) SANKEN ELECTRIC CO., LTD. [JP/JP];
6-3, Kitano 3-chome, Niiza-shi, Saitama 352-
8666 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TATEYA, Jun [JP/JP]; c/o Sanken Elec-
tric Co., Ltd., 6-3, Kitano 3-chome, Niiza-shi,
Saitama 352-8666 (JP).

(74) SHIMIZU, Keiichi; 3rd Floor YK Nakame-
guro Building, 1-5, Nakameguro 3-chome,
Meguro-ku, Tokyo 153-0061 (JP).

(81) JP KR US.

(84) EP (DE FR GB).

Published / Publiée : (b)

(51)⁷ H01L 31/0216, 31/18, 31/08

(11) WO 03/081682 (13) A1

(21) PCT/SE03/00451

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 0200965-2 26 Mar/mar 2002 SE
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • THIN FILM COMPOUND ARRANGE-
MENT

• SYSTEME COMPOSITE EN COUCHE
MINCE

(71) IMEGO AB [SE/SE]; Arvid Hedvalls Backe
4, S-411 33 Göteborg (SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WIPENMYR, Jan [SE/SE]; Lillekärr
Södra 32, S-425 31 Hisings-Kärä (SE).
RÖDJEGARD, Henrik [SE/SE]; Storegår-
den 61 B, S-433 51 Öjersjö (SE).

(74) STRÖM & GULLIKSSON IP AB; Sjö-
porten 4, S-417 64 GÖTEBORG (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 GB GD
GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX MZ NI NO NZ
OM PH PL PT RO RU SC SD SE SG SK
(Utility model / modèle d'utilité) SK SL TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H01L 31/0352, 31/036, 31/0264, 31/0248,
31/18

(11) WO 03/081683 (13) A1

(21) PCT/US03/08624

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 60/365,401 19 Mar/mar 2002 US
(19.03.2002)

(30) 60/381,660 17 May/mai 2002 US
(17.05.2002)

(30) 60/381,667 17 May/mai 2002 US
(17.05.2002)

(30) 60/395,064 12 Jul/juil 2002 US
(12.07.2002)

(30) 10/280,135 23 Oct/oct 2002 US
(23.10.2002)

(30) 10/301,510 20 Nov/nov 2002 US
(20.11.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SEMICONDUCTOR-NANOCRYSTAL/
CONJUGATED POLYMER THIN
FILMS

• COUCHES MINCES DE NANOCRYSTAL
SEMI-CONDUCTEUR/POLY-
MERE CONJUGUE

(71, 72) ALIVISATOS, Paul, A. [US/US];
5941 Estates Drive, Oakland, CA 94611
(US). DITTMER, Janke, J. [DE/DE]; Lu-
cile-Grahn-Strasse 36A, 81675 Munchen
(DE). HUYNH, Wendy, U. [CA/DE]; Lu-
cile-Grahn-Strasse 36A, 81675 Munchen
(DE). MILLIRON, Delia [US/US]; 1417
Kains Avenue, Berkeley, CA 94702 (US).

(74) GALLENSON, Mavis, S. 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H01L 31/042, 21/368

(11) WO 03/081684 (13) A1

(21) PCT/JP03/03500

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(30) 2002-129381 26 Mar/mar 2002 JP
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMPOUND THIN-FILM SOLAR
CELL AND PROCESS FOR PRODUC-
ING THE SAME

• PHOTOPILE COMPOSITE A FILM
MINCE ET SON PROCEDE DE PRO-
DUCTION

(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) AOKI, Satoshi [JP/JP]; c/o Honda Engi-
neering Kabushiki Kaisha, 10-1, Shinsayama
1-chome, Sayama-shi, Saitama 350-1381
(JP).

(74) TORII, Kiyoshi; 25, Bentendori 2-chome,
Naka-ku, Yokohama-shi, Kanagawa
231-0007 (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 KE KG KP KR KZ LC

- LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
-
- (51)⁷ H01L 33/00, C09K 11/59
- (11) WO 03/081685 (13) A1
(21) PCT/JP03/03703
(22) 26 Mar/mar 2003 (26.03.2003)
(25) ja (26) ja
(30) 2002-87054 26 Mar/mar 2002 JP
(26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • VISIBLE LIGHT EMITTING DEVICE
• DISPOSITIF EMETTEUR DE LUMIERE
VISIBLE
- (71) SHIN-ETSU HANDOTAI CO.,LTD.
[JP/JP]; 4-2, Marunouchi 1-chome, Chiy-
oda-ku, Tokyo 100-0005 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) ISHIZAKI, Jun-ya [JP/JP]; c/o SHIN-
ETSU HANDOTAI CO., LTD., Isobe R &
D Cent, er 13-1, Isobe 2-chome, Annaka-shi,
Gunma 379-0196 (JP).
- (74) SUGAWARA, Seirin; Sakae Yamakichi
Bldg., 9-30, Sakae 2-chome, Naka-ku,
Nagoya-shi, Aichi 460-0008 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
-
- (51)⁷ H01L 35/22
- (11) WO 03/081686 (13) A1
(21) PCT/JP03/02827
(22) 11 Mar/mar 2003 (11.03.2003)
(25) ja (26) ja
(30) 2002-80258 22 Mar/mar 2002 JP
(22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DOUBLE OXIDE WITH n TYPE THER-
MOELECTRIC CHARACTERISTICS
• DOUBLE OXYDE À CARACTÉRIS-
TIQUES THERMOÉLECTRIQUES DE
TYPE N
- (71) NATIONAL INSTITUTE OF AD-
VANCED INDUSTRIAL SCIENCE
AND TECHNOLOGY [JP/JP]; 3-1, Ka-
sumigaseki 1-chome, Chiyoda-ku, Tokyo
100-8921 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) FUNAHASHI, Ryoji [JP/JP]; c/o Kan-
sai Center of NATIONAL INSTITUTE OF
ADVANCED INDUSTRIAL SCIENCE
AND TECHNOLOGY, 8-31, Midorigaoka
1-chome, Ikeda-shi, Osaka 563-8577 (JP).
SHIKANO, Masahiro [JP/JP]; c/o Kan-
sai Center of NATIONAL INSTITUTE OF
ADVANCED INDUSTRIAL SCIENCE
AND TECHNOLOGY, 8-31, Midorigaoka
1-chome, Ikeda-shi, Osaka 563-8577 (JP).
- (74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK
Building, 1-7-1, Doshomachi, Chuo-ku, Os-
aka-shi, Osaka 541-0045 (JP).
- (81) CN KR RU US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT SE SI
SK TR).
-
- (51)⁷ H01L 51/00
- (11) WO 03/081687 (13) A2
(21) PCT/US03/07269
(22) 19 Feb/fév 2003 (19.02.2003)
(25) en (26) en
(30) 10/102,365 20 Mar/mar 2002 US
(20.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SELF-ALIGNED NANOTUBE FIELD
EFFECT TRANSISTOR AND METHOD
OF FABRICATING SAME
• TRANSISTOR A EFFET DE CHAMP
MUNI D'UN NANOTUBE AUTOA-
LIGNE ET PROCEDE DE FABRICA-
TION CORRESPONDANT
- (71) INTERNATIONAL BUSINESS MA-
CHINES CORPORATION [US/US]; New
Orchard Road, Armonk, NJ 10504 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) APPENZELLER, Joerg [DE/US]; 55
Entrance, Way, Valhalla, NY 10595 (US).
AVOURIS, Phaeton [US/US]; 1673 Morn-
ingview Drive, Yorktown Heights, NY 10598
(US). CHAN, Kevin, K. [US/US]; 41 Slay-
ton Avenue, Staten Island, NY 10314 (US).
COLLINS, Philip, G. [US/US]; 25 Twain
Street, Irvine, CA 92612 (US). MARTEL,
Richard [CA/US]; 329 Depew Street, Peek-
skill, NY 10566 (US). WONG, Hon-Sum
Philip [US/US]; 15 Valley View Road, Chap-
paqua, NY 10514 (US).
- (74) WALLACE, Nathaniel, T. et al. / etc.; F.
CHAU & Associates, LLP, Suite 501, 1900
Hempstead Turnpike, East Meadow, NY
11554 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 51/20, 51/30
- (11) WO 03/081688 (13) A2
(21) PCT/JP03/03034
(22) 13 Mar/mar 2003 (13.03.2003)
(25) en (26) en
(30) 2002-084972 26 Mar/mar 2002 JP
(26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ORGANIC EL LIGHT EMITTING DE-
VICE AND LIQUID CRYSTAL DIS-
PLAY USING THE SAME
- DISPOSITIF ELECTROLUMINESCENT
A ELECTROLUMINESCENCE ORGA-
NIQUE ET ECRAN A CRISTAUX LI-
QUIDES METTANT EN OEUVRE UN
TEL DISPOSITIF
- (71) SHARP KABUSHIKI KAISHA [JP/JP];
22-22, Nagaikecho, Abeno-ku, Osaka-shi,
Osaka 545-8522 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) MIZUSAKI, Masanobu [JP/JP];
2613-1-1051, Ichinomotocho, Tenri-shi,
Nara 632-0004 (JP). YAMAHARA, Mo-
tohiro [JP/JP]; 3-1344-7, Gakuennaka,
Nara-shi, Nara 631-0035 (JP).
- (74) OKUDA, Seiji; OKUDA & ASSOCIATES,
2nd Floor, Kataoka Bldg., 3-6, Uchiawaji-
machi 1-chome, Chuo-ku, Osaka-shi, Osaka
540-0038 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01M
- (11) WO 03/081689 (13) A2
(21) PCT/DE03/00876
(22) 18 Mar/mar 2003 (18.03.2003)
(25) de (26) de
(30) 102 13 792.7 27 Mar/mar 2002 DE
(27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • REFORMING DEVICE FOR A FUEL
CELL
• SYSTEME DE REFORMAGE POUR
UNE PILE A COMBUSTIBLE
- (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) ALBRODT, Hartmut [DE/DE];
Lerchenweg 18, 71732 Tamm (DE).
MILLER, Frank [DE/DE]; Bahnhofstrasse
7, 74360 Ilsfeld (DE). HOENIG, Guenter
[DE/DE]; Haldenstr. 88, 71254 Ditzingen
(DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
-
- (51)⁷ H01M
- (11) WO 03/081690 (13) A2
(21) PCT/EP03/02619
(22) 13 Mar/mar 2003 (13.03.2003)
(25) en (26) en
(30) 02405218.5 21 Mar/mar 2002 EP
(21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AQUEOUS DISPERSIONS FOR ANTI-OXIDANTS

• DISPERSIONS AQUEUSES POUR ANTI-OXYDANTS

(71) CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basle (CH).

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(72, 75) THIBAUT, Daniel [CH/FR]; 2, rue Alma, F-68730 Blotzheim (FR).

(74) CIBA SPECIALTY CHEMICALS HOLDING INC.; Patentabteilung, Klybeckstrasse 141, CH-4057 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) WO 03/081691 (13) A2

(21) PCT/EP03/02904

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) PG 2002 A 0015 22 Mar/mar 2002 IT (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AN INNOVATIVE METHOD FOR THE PREPARATION OF PROTON CONDUCTING NANOPOLYMERIC MEMBRANES FOR USE IN FUEL CELLS OR IN CATALYTIC MEMBRANE REACTORS

• PROCÉDE NOVATEUR D'OBTENTION DE MEMBRANES NANOPOLYMERES A CONDUCTIVITE PROTONIQUE DESTINEES A DES PILES A COMBUSTIBLE OU A DES REACTEURS A MEMBRANE CATALYTIQUE

(71) FUMA-TECH GMBH [DE/DE]; Am Grubenstollen 11, 66386 St. Ingbert/Saar (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALBERTI, Giulio [IT/IT]; Via Torelli 67, I-06123 Perugia (IT). CASCIOLA, Mario [IT/IT]; Via Cortonese 74/A, I-06123 Perugia (IT). PICA, Monica [IT/IT]; Fraz. Morano Madonna 37/A, I-06123 Gualda Tadino (IT).

(74) RUFF, Michael; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) WO 03/081692 (13) A2

(21) PCT/GB03/01146

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 0206596.9 20 Mar/mar 2002 GB (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FLOW FIELD PLATE

• PLAQUE DE CHAMP D'ÉCOULEMENT

(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) TURPIN, Mark, Christopher [GB/GB]; c/o The Morgan Crucible Company plc, Morgan House, Madeira Walk, Windsor, Buckinghamshire SL4 1EP (GB). BOFF, James, Charles [GB/GB]; c/o Phillips & Leigh, 5 Pemberton Row, London, Greater London EC4A 3BA (GB). BILTON, Brendan, Michael [GB/GB]; c/o Thermal Ceramics UK Ltd, Tebay Road, Bromborough, Merseyside L62 3PH (GB).

(74) PHILLIPS & LEIGH; 5 Pemberton Row, London EC4A 3BA (GB).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(u) for / pour US only / seulement; (w) for / pour US only / seulement

(51)⁷ H01M

(11) WO 03/081693 (13) A2

(21) PCT/US02/33686

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 60/332,521 21 Nov/nov 2001 US (21.11.2001)

(30) 60/406,518 27 Aug/août 2002 US (27.08.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SOLID OXIDE FUEL CELL STACK AND PACKET DESIGNS

• EMPILEMENT DE PILES A COMBUSTIBLE D'OXYDE SOLIDE ET CONCEPTIONS DE PAQUET

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) BADDING, Michael, E.; 1057 Chatham Lane, Elmira, NY 14905 (US). CORTRIGHT, Jeffrey, E.; 3380 College Avenue, Corning, NY 14830 (US). LINEMAN, David, M.; 132 Hamilton Circle, Painted Post, NY 14870 (US). ST. JULIEN, Dell, J.; 3340 Townsend Road, Watkins Glen, NY 14891 (US).

(74) VANDERSTERRE, Kees; Corning Incorporated, 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 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)⁷ H01M

(11) WO 03/081694 (13) A2

(21) PCT/US03/08569

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/366,451 20 Mar/mar 2002 US (20.03.2002)

(30) 60/377,007 30 Apr/avr 2002 US (30.04.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MOLYBDENUM-BASED ELECTRODE WITH CARBON NANOTUBE GROWTH

• ELECTRODE A BASE DE MOLYBDENE A EXTENSION DE NANOTUBE EN CARBONE

(71) THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY [US/US]; Office of Technology Licensing, 1705 El Camino Real, Palo Alto, CA 94306-1106 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DAI, Hongjie [US]; 365 Pescadero Terrace, Sunnyvale, CA 94086 (US). FRANKLIN, Nathan [US]; 706 Bolton Walk #202, Goleta, CA 93117 (US).

(74) CRAWFORD, Robert, J.; Crawford Maunu PLLC, Suite 390, 1270 Northland Drive, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 2/10

(11) WO 03/081695 (13) A1

(21) PCT/IP03/01675

(22) 17 Feb/fév 2003 (17.02.2003)

(25) ja (26) ja

(30) 2002-81239 22 Mar/mar 2002 JP
(22.03.2002)(30) 2002-300516 15 Oct/oct 2002 JP
(15.10.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BATTERY PACK
• BLOC-BATTERIE(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) KOZU, Katsumi [JP/JP]; 4-14-8, Keyakidai, Sanda-shi, Hyogo 669-1321 (JP). ISHIMARU, Takeshi [JP/JP]; 5-22-13-312, Toda-cho, Moriguchi-shi, Osaka 570-0014 (JP). KATAOKA, Satoshi [JP/JP]; 896-2, Ko, Sakawa-cho, Takaoka-gun, Kochi 789-1201 (JP). TORIYAMA, Koichi [JP/JP]; 1-7-25-507, Kikusuitori, Moriguchi-shi, Osaka 570-0032 (JP). MORI, Ichiro [JP/JP]; 5-1-36, Umenoki, Itami-shi, Hyogo 664-0856 (JP).

(74) ISHIHARA, Masaru; 5th Floor, Tatsuno Nishi-tenma Bldg., 1-6, Nishi-tenma 3-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ H01M 2/14, 2/00, 8/00

(11) WO 03/081696 (13) A1

(21) PCT/US03/06026

(22) 28 Feb/fév 2003 (28.02.2003)

(25) en (26) en

(30) 10/100,460 18 Mar/mar 2002 US
(18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CONVERGING/DIVERGING FLOW CHANNELS FOR FUEL CELL

• CANAUX D'ÉCOULEMENT CONVERGEANT/DIVERGEANT POUR PILE A COMBUSTIBLE

(71) GENERAL MOTORS CORPORATION [US/US]; Legal Staff - Mail Code 482-C23-B21, P.O. Box 300, Detroit, MI 48265-3000 (US).

(72) ROCK, Jeffrey, Allan; 796 Penfield Road, Rochester, NY 14625 (US).

(74) BROOKS, Cary, W.; General Motors Corporation, Legal Staff, Mail Code 482-C23-B21, PO Box 300, Detroit, MI 48265-3000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EC EE ES FI GB GE GH GM 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 SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01M 4/40, 10/40

(11) WO 03/081697 (13) A1

(21) PCT/KR02/02267

(22) 2 Dec/déc 2002 (02.12.2002)

(25) en (26) en

(30) 2002/15713 22 Mar/mar 2002 KR
(22.03.2002)(30) 2002/36438 27 Jun/juin 2002 KR
(27.06.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • LITHIUM SECONDARY BATTERY COMPRISING OVERDISCHARGE-PREVENTING AGENT

• BATTERIE AUXILIAIRE AU LITHIUM COMPORTANT UN AGENT DE PREVENTION DE DECHARGE ACCELEREE

(71) LG CHEM, LTD. [KR/KR]; LG Twin Tower, Yoido-dong 20, Youngdungpo-ku, Seoul 150-721 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOH, Eun-Young [KR/KR]; 602-303 Bamgasi Geonyoung Villa, 160, Ilsan 3-dong, Ilsan-gu, Goyang-city 411-313, Gyeonggi-do (KR). HONG, Seung-Tae [KR/KR]; 8-408 LG Sataek, 381-42, Doryong-dong, Yuseong-gu, Daejeon-city 305-340 (KR). KIM, Hyoung-Jin [KR/KR]; 6-101 LG Chem apt., 381-42, Doryong-dong, Yuseong-gu, Daejeon-city 305-340 (KR). LEE, Hyung-Keun [KR/KR]; 510-1204 Expo apt., Jeonmin-dong, Yuseong-gu, Daejeon-city 305-762 (KR).

(74) KIM, Jae-Man; 9th Fl., Teheran Bd., 825-33 Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) CN JP US.

(84) EP (DE FI FR IT SE SI).

(51)⁷ H01M 4/58, 4/02, 10/40

(11) WO 03/081698 (13) A1

(21) PCT/JP03/03691

(22) 26 Mar/mar 2003 (26.03.2003)

(25) ja (26) ja

(30) 2002-88229 27 Mar/mar 2002 JP
(27.03.2002)(30) 2002-137870 14 May/mai 2002 JP
(14.05.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ACTIVE SUBSTANCE OF POSITIVE ELECTRODE AND NONAQUEOUS ELECTROLYTE BATTERY CONTAINING THE SAME

• SUBSTANCE ACTIVE POUR ELECTRODE POSITIVE ET BATTERIE A ELECTROLYTE NON AQUEUSE RENFERMANT LADITE SUBSTANCE

(71) YUASA CORPORATION [JP/JP]; 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 569-1115 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIOZAKI, Ryuji [JP/JP]; c/o Yuasa Corporation, 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 569-1115 (JP). FUJII, Akihiro [JP/JP]; c/o Yuasa Corporation, 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 569-1115 (JP). INAMASU, Tokuo [JP/JP]; c/o Yuasa Corporation, 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 569-1115 (JP). NAKAGAWA, Hiroe [JP/JP]; c/o Yuasa Corporation, 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 569-1115 (JP). KOZONO, Suguru [JP/JP]; c/o Yuasa Corporation, 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 569-1115 (JP). NUKUDA, Toshiyuki [JP/JP]; c/o Yuasa Corporation, 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 569-1115 (JP).

(74) NAITO, Teruo; Shin-ei Patent Office, 29th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6029 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01M 4/62, 4/06, 6/16, 4/02, 10/40

(11) WO 03/081699 (13) A1

(21) PCT/JP03/01737

(22) 18 Feb/fév 2003 (18.02.2003)

(25) ja (26) ja

(30) 2002-47991 25 Feb/fév 2002 JP
(25.02.2002)(30) 2002-48122 25 Feb/fév 2002 JP
(25.02.2002)(30) 2002-108024 10 Apr/avr 2002 JP
(10.04.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • POSITIVE ELECTRODE FOR NON-AQUEOUS ELECTROLYTE BATTERY, PROCESS FOR PRODUCING THE SAME AND NONAQUEOUS ELECTROLYTE BATTERY

• ELECTRODE POSITIVE POUR BATTERIE A ELECTROLYTE NON AQUEUX, PROCEDE DE PRODUCTION DE CELLE-CI ET BATTERIE A ELECTROLYTE NON AQUEUX

(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) OTSUKI, Masashi [JP/JP]; 3-36-5, Nakato, Musashimurayama-shi, Tokyo 208-0001 (JP). EGUCHI, Shinichi [JP/JP]; 3-29-1-306, Kamikodanaka, Nakahara-ku, Kawasaki-shi, Kanagawa 221-0053 (JP).

- KANNO, Hiroshi [JP/JP]; 3-5-5-751, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-0031 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ H01M 4/86, 4/88, 4/96, 8/02, 8/10, D01F 9/12, D03D 15/12
- (11) WO 03/081700 (13) A1
- (21) PCT/JP03/03662
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) ja (26) ja
- (30) 2002-85273 26 Mar/mar 2002 JP (26.03.2002)
- (30) 2002-85279 26 Mar/mar 2002 JP (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ELECTROLYTE FILM ELECTRODE UNION, FUEL CELL CONTAINING THE SAME AND PROCESS FOR PRODUCING THEM
- UNION D'ELECTRODE A COUCHE ELECTROLYTIQUE, PILE A COMBUSTIBLE LA CONTENANT ET SON PROCEDE DE PRODUCTION
- (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) YOSHIDA, Akihiko [JP/JP]; 46-1-408, Yamadaikehigashimachi, Hirakata-shi, Osaka 573-0165 (JP). HORI, Yoshihiro [JP/JP]; 1-5, Hikarigaoka 3-chome, Ikoma-shi, Nara 630-0141 (JP). UCHIDA, Makoto [JP/JP]; 2-16-2, Koganeno, Hirakata-shi, Osaka 573-1145 (JP). YASUMOTO, Eiichi [JP/JP]; 4-25-13, Seikadai, Seikacho, Soraku-gun, Kyoto 619-0238 (JP). TAKEBE, Yasuo [JP/JP]; 16-2, Kowata-Higashinaka, Uji-shi, Kyoto 611-0002 (JP). SAKAI, Osamu [JP/JP]; 1-8-20-402, Hashibanishinomachi, Moriguchi-shi, Osaka 570-0039 (JP). KOSAKO, Shinya [JP/JP]; Room C502, 2-3-1, Shinohara-obanoyamacho, Nada-ku, Kobe-shi, Hyogo 657-0015 (JP). YONAMINE, Takeshi [JP/JP]; 43-11-113, Senriyamahigashi 4-chome, Suita-shi, Osaka 565-0842 (JP). YAMAUCHI, Masaki [JP/JP]; 38-17, Yamanoue 5-chome, Hirakata-shi, Osaka 573-0047 (JP). SUGAWARA, Yasushi [JP/JP]; 1-11-9-1301, Chodo, Higashiosaka-shi, Osaka 577-0056 (JP). MORITA, Junji [JP/JP]; Room 2, Crystal Haitu, 1-4-25, Hashibahigashinomachi, Moriguchi-shi, Osaka 570-0031 (JP).
- (74) ISHII, Kazuo et al. / etc.; Kitahama-Yamamoto Building, 3-6, Kitahama 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
- (81) CA CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ H01M 4/86
- (11) WO 03/081701 (13) A1
- (21) PCT/US02/08083
- (22) 18 Mar/mar 2002 (18.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHODS OF PREPARING MEMBRANE ELECTRODE ASSEMBLIES
- PROCEDES DE PREPARATION D'ENSEMBLES ELECTRODES A MEMBRANE
- (63) US 09/691,745 (CON) 18 Oct/oct 2000 (18.10.2000)
- (71) GENERAL MOTORS CORPORATION [US/US]; 300 Renaissance Center, Mail Code 482-C23-B21, P.O. Box 300, Detroit, MI 48265-3000 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SOMPALLI, Bhaskar [IN/US]; 31 Homer Street #1, Rochester, NY 14610 (US). GASTEIGER, Hubert [DE/US]; 61 Marshall Street #1, Rochester, NY 14607 (US). MATHIAS, Mark, F. [US/US]; 12 Ryder Cup Circle, Pittsford, NY 14534 (US). SCOZZAFAVA, Michael [US/US]; 740 Seneca Parkway, Rochester, NY 14613 (US).
- (74) DESCHERE, Linda, 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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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 HU 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)⁷ H01M 4/92, B01J 23/42, 23/46, 23/56, 23/652, 23/62, 23/72, 23/89, C22C 5/04
- (11) WO 03/081702 (13) A2
- (21) PCT/US03/08852
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 60/366,519 21 Mar/mar 2002 US (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FUEL CELL CATALYST OF Pt-Rh-W/Sn/Cu/Mo
- CATALYSEUR AU PT-RH-W/SN/CU/MO POUR PILE A COMBUSTIBLE
- (71) SYMYX TECHNOLOGIES, INC. [US/US]; 3100 Central Expressway, Santa Clara, CA 95051 (US). HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; c/o Kabushiki Kaisha Honda, Gijyutsu Kenkyusho, 4-1, Chuo-1-chome, Wako-shi, Saitama 351-0193 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STRASSER, Peter [DE/US]; 551 Mari-rosa Avenue, Apt. 7, Mountain View, CA 94041 (US). GORER, Alexander [IL/US]; 455 Mill River Lane, San Jose, CA 95134 (US). DEVENNEY, Martin [IE/US]; 1311 Bonita Avenue, Mountain View, CA 94040 (US). FAN, Qun [US/US]; 1178 Quintana Way, Fremont, CA 94539 (US). CHONDROUDIS, Konstantinos [GR/US]; 542 Firloch Avenue, Apt. #3, Sunnyvale, CA 94086 (US). GIAQUINTA, Daniel, M. [US/US]; 149 Jasmine Court, Mountain View, CA 94043 (US). HE, Ting [CN/US]; 5794 Norm Street, Dublin, OH 43016 (US). OYANAGI, Hiroyuki [JP/JP]; c/o Kabushiki Kaisha Honda, Gijyutsu Kenkyusho, 4-1, Chuo-1-chome, Wako-shi, Saitama 351-0193 (JP). URATA, Kenta [JP/JP]; c/o Kabushiki Kaisha Honda, Gijyutsu Kenkyusho, 4-1, Chuo-1-chome, Wako-shi, Saitama 351-0193 (JP). IWASAKI, Kazuhiko [JP/JP]; c/o Kabushiki Kaisha Honda, Gijyutsu Kenkyusho, 4-1, Chuo-1-chome, Wako-shi, Saitama 351-0193 (JP). FUKUDA, Hiroichi [JP/JP]; c/o Kabushiki Kaisha Honda, Gijyutsu Kenkyusho, 4-1, Chuo-1-chome, Wako-shi, Saitama 351-0193 (JP).
- (74) RITCHEY, Steven, M. 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01M 8/00
- (11) WO 03/081703 (13) A2
- (21) PCT/GB03/01147
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) en (26) en
- (30) 0206598.5 20 Mar/mar 2002 GB (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FLOW FIELD PATTERN
- MOTIF DE CHAMP D'ECOULEMENT
- (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) TURPIN, Mark, Christopher [GB/GB]; c/o The Morgan Crucible Company plc, Morgan House, Madeira Walk, Windsor,

Buckinghamshire SL4 1EP (GB). **BOFF, James, Charles** [GB/GB]; c/o Phillips & Leigh, 5 Pemberton Row, London, Greater London EC4A 3BA (GB). **BILTON, Brendan, Michael** [GB/GB]; c/o Thermal Ceramics UK Ltd, Tebay Road, Bromborough, Merseyside L62 3PH (GB).

(74) **PHILLIPS & LEIGH**; 5 Pemberton Row, London EC4A 3BA (GB).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR)

(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR)

(u) for / pour US only / seulement; (v) for / pour US only / seulement

(51)⁷ H01M 8/00

(11) WO 03/081704 (13) A2

(21) PCT/JP03/02198

(22) 27 Feb/fév 2003 (27.02.2003)

(25) en (26) en

(30) 2002-88075 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FUEL CELL SYSTEM AND PROTECTION METHOD THEREOF

• SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE PROTECTION ASSOCIE

(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, Soichiro** [JP/JP]; 1-13-14, Yoshii, Yokosuka-shi, Kanagawa 239-0804 (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 HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ H01M 8/00

(11) WO 03/081705 (13) A1

(21) PCT/US03/06982

(22) 6 Mar/mar 2003 (06.03.2003)

(25) en (26) en

(30) 10/103,584 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PERFORMANCE RECOVERY PROCESS FOR PEM FUEL CELLS

• PROCEDE DE RETABLISSEMENT DES PERFORMANCES DE PILES A COMBUSTIBLE A MEMBRANE ECHANGEUSE DE PROTONS (PEM)

(71) **UTC FUEL CELLS, LLC** [US/US]; 195 Governor's Highway, South Windsor, CO 06074 (US).

(72) **HAGANS, Patrick, L.**; 93 Old Willimantic Road, Columbia, CT 06237 (US). **RESNICK, Gennady**; 56 Kingfisher Road, South Windsor, CT 06074 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01M 8/02, 8/10, H01B 1/06

(11) WO 03/081706 (13) A1

(21) PCT/JP03/02630

(22) 6 Mar/mar 2003 (06.03.2003)

(25) ja (26) ja

(30) 2002-061917 7 Mar/mar 2002 JP (07.03.2002)

(30) 2002-372154 24 Dec/déc 2002 JP (24.12.2002)

(30) 2003-035968 14 Feb/fév 2003 JP (14.02.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ELECTROLYTE FILM AND SOLID POLYMER FUEL CELL USING THE SAME

• FILM ELECTROLYTE ET PILE A COMBUSTIBLE A POLYMERE SOLIDE UTILISANT CE FILM

(71) **JAPAN SCIENCE AND TECHNOLOGY CORPORATION** [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). **UBE INDUSTRIES, LTD.** [JP/JP]; 1978-96, Oaza Kogushi, Ube-shi, Yamaguchi 755-0067 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAGUCHI, Takeo** [JP/JP]; 3-15-2, Tsuchihashi, Miyamae-ku, Kawasaki-shi, Kanagawa 216-0005 (JP). **OHYA, Shyusei** [JP/JP]; 1-23-15-403, Makuharihongo, Hanamigawa-ku, Chiba-shi, Chiba 262-0033 (JP). **NAKAO, Shin-ichi** [JP/JP]; 3-32-5-303, Akatsuka Shinmachi, Itabashi-ku, Tokyo 175-0093 (JP). **HARADA, Hiroshi** [JP/JP]; 44-3, Yamaki, Ichihara-shi, Chiba 290-0005 (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 MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 8/02, 8/10

(11) WO 03/081707 (13) A1

(21) PCT/JP03/03479

(22) 20 Mar/mar 2003 (20.03.2003)

(25) ja (26) ja

(30) 2002-084375 25 Mar/mar 2002 JP (25.03.2002)

(30) 2002-228319 6 Aug/août 2002 JP (06.08.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ELECTROLYTE MEMBRANE/ELECTRODE UNION FOR FUEL CELL AND PROCESS FOR PRODUCING THE SAME

• UNION D'ELECTRODE/MEMBRANE D'ELECTROLYTE POUR PILE A COMBUSTIBLE ET SON PROCEDE D'OBTENTION

(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) **KOSAKO, Shinya** [JP/JP]; Room C502, 2-3-1, Shinohara-obanoyamacho, Nada-ku, Kobe-shi, Hyogo 657-0015 (JP). **UCHIDA, Makoto** [JP/JP]; 2-16-2, Koganeno, Hirakata-shi, Osaka 573-1145 (JP).

(74) **ISHII, Kazuo et al. / etc.**; Kitahama-Yamamoto Building, 3-6, Kitahama 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(81) CA CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01M 8/04, 8/18

(11) WO 03/081708 (13) A1

(21) PCT/US02/07981

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FUEL CELL WITH CONVOLUTED MEA

• PILE A COMBUSTIBLE A ENSEMBLE ELECTRODE A MEMBRANE

(63) US 09/694,386 (CON) 23 Oct/oct 2000 (23.10.2000)

(71) **GENERAL MOTORS CORPORATION** [US/US]; 300 Renaissance Center; Mail Code 482-C23-B21, P.O. Box 300, Detroit, MI 48265-3000 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FLY, Gerald, W.** [US/US]; 36 Second Street, Geneseo, NY 14454 (US). **BRADY, Brian, K.** [US/US]; 28 Keith Terrace, North Chili, NY 14514 (US).

(74) **DESCHERE, Linda, 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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ H01M 8/12

(11) **WO 03/081709** (13) A1

(21) PCT/US03/08289

(22) **17 Mar/mar 2003 (17.03.2003)**

(25) en (26) en

(30) 10/102,386 **18 Mar/mar 2002 US (18.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AIR CONDITION ASSISTED WATER RECOVERY DEVICE INTEGRATED WITH CELL STACK ASSEMBLY
• DISPOSITIF DE RECUPERATION D'EAU ASSISTE PAR CONDITIONNEMENT D'AIR INTEGRE DANS UN ENSEMBLE EMPILEMENT DE PILES A COMBUSTIBLE

(71) **UTC FUEL CELLS, L.L.C.** [US/US]; 195 Governor's Highway, South Windsor, CT 06074 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WHITON, John, H.** [US/US]; 24 Tallweed Drive, South Windsor, CT 06074 (US). **MARGIOTT, Paul, R.** [US/US]; 32 Sele Drive, South Windsor, CT 06074 (US).

(74) **LAPOINTE, Gregory, P.** et al. / etc.; Bachman & Lapointe, P.C., 900 Chapel Street, Suite 1201, New Haven, CT 06510 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 10/46

(11) **WO 03/081710** (13) A1

(21) PCT/JP02/09495

(22) **17 Sep/sep 2002 (17.09.2002)**

(25) ja (26) ja

(30) 2002-1662 **27 Mar/mar 2002 JP (27.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CHARGING PLUG
• FICHE DE CHARGE

(71) **MEMORY E, INC** [JP/JP]; 510 Dai-ichi Shimokawa Bldg., 3-13-5, Omorikita, Ota-Ku, Tokyo 143-0016 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **Imanishi, Kaori** [JP/JP]; 5-12-69-728, Yashio, Shinagawa-Ku, Tokyo 140-0003 (JP).

(81) CN US.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 10/46

(11) **WO 03/081711** (13) A1

(21) PCT/US03/08620

(22) **19 Mar/mar 2003 (19.03.2003)**

(25) en (26) en

(30) 10/103,348 **21 Mar/mar 2002 US (21.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • APPARATUS AND METHOD FOR THE POWER MANAGEMENT OF OPERATIVELY CONNECTED MODULAR DEVICES
• APPAREIL ET PROCÉDÉ DE GESTION DE LE CONSOMMATION DE DISPOSITIFS MODULAIRES CONNECTÉES OPÉRATIONNELLEMENT

(71) **THOMSON LICENSING S.A.** [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KHATRI, Nizam, Issa** [US/US]; 8241 Southern Springs Bl., Indianapolis, IN 46237 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; c/o THOMSON Licensing Inc., Two Independence Way, Suite #2, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01P

(11) **WO 03/081712** (13) A2

(21) PCT/EP03/02419

(22) **10 Mar/mar 2003 (10.03.2003)**

(25) de (26) de

(30) 102 12 691.7 **21 Mar/mar 2002 DE (21.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • GRATING ELEMENT FOR FILTERING WAVELENGTHS = 100NM
• ELEMENT EN RESEAU POUR FILTRER DES LONGUEURS D'ONDE = 100 NM

(71) **CARL ZEISS SMT AG** [DE/DE]; Carl-Zeiss-Strasse 22, 73447 Oberkochen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEIDEMANN, Klaus** [DE/DE]; Gaussweg 12, 73447 Oberkochen (DE). **OSTERRIED, Karlfried** [DE/DE]; Stauffenbergstr. 40a, 73431 Aalen (DE).

(74) **WEITZEL & PARTNER**; Friedenstrasse 10, 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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01P 1/213

(11) **WO 03/081713** (13) A1

(21) PCT/JP03/03451

(22) **20 Mar/mar 2003 (20.03.2003)**

(25) ja (26) ja

(30) 2002-83248 **25 Mar/mar 2002 JP (25.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HIGH FREQUENCY MODULE AND ANTENNA DEVICE
• MODULE HAUTE FREQUENCE ET DISPOSITIF D'ANTENNE

(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)

(71, 72) **OZAKI, Yutaka** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(72, 75) **YONEDA, Naofumi** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **MIYAZAKI, Moriyasu** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **OHWADA,**

Tetsu [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). OH-HASHI, Hideyuki [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). YAMANAKA, Koji [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). MORI, Kazutomi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). IKEDA, Yukio [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). HORIE, Toshiyuki [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). IIDA, Akio [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01P 7/10, 1/20

(11) WO 03/081714 (13) A1

(21) PCT/GB03/00500

(22) 5 Feb/fév 2003 (05.02.2003)

(25) en (26) en

(30) 0206412.9 19 Mar/mar 2002 GB (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TUNEABLE DIELECTRIC RESONATOR ANTENNA
• ANTENNE A RESONATEUR DIELECTRIQUE ACCORDABLE

(71) ANTENNOVA LIMITED [GB/GB]; Far Field House, Albert Road, Stow-cum-Quy, Cambridge CB5 9AR (GB).
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(72, 75) KINGSLEY, Simon, Philip [GB/GB]; Far Field House, Albert Road, Stow-cum-Quy, Cambridge CB5 9AR (GB). LIM, Kian, Meng [SG/GB]; University of Sheffield, Department of Electronic & Electrical Engineering, Mappin Street, Sheffield, S1 3JD (GB).

(74) HARRISON GODDARD FOOTE; Belgrave Hall, Belgrave Street, Leeds, LS2 8DD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01Q

(11) WO 03/081715 (13) A2

(21) PCT/US03/06920

(22) 5 Mar/mar 2003 (05.03.2003)

(25) en (26) en

(30) 60/361,650 5 Mar/mar 2002 US (05.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • WAVE INTERROGATED NEAR FIELD ARRAY SYSTEM AND METHOD FOR DETECTION OF SUBWAVELENGTH SCALE ANOMALIES

• SYSTEME ET PROCEDURE DE RESEAU EN CHAMP PROCHE A INTERROGATION PAR ONDES POUR DETECTION D'ANOMALIES A UNE ECHELLE SUBLONGUEUR D'ONDE

(71) ARIZONA BOARD OF REGENTS [US/US]; P.O. Box 87511, Tempe, AZ 85287-3511 (US).

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(72, 75) DIAZ, Rodolfo, E. [US/US]; 3231 E. Cottonwood Lane, Phoenix, AZ 85048 (US). WATTS, Michael [US/US]; 1255 East University Drive, Apartment 372, Tempe, AZ 85281 (US).

(74) SORELL, Louis, S.; Baker Botts LLP, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q 1/12, 3/02

(11) WO 03/081716 (13) A1

(21) PCT/US02/18618

(22) 13 Jun/juin 2002 (13.06.2002)

(25) en (26) en

(30) 09/893,010 28 Jun/juin 2001 US (28.06.2001)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SPRING LOADED ANTENNA MOUNTING SYSTEM AND METHOD

• SYSTEME ET PROCEDURE DE MONTAGE D'ANTENNE A RESSORT

(71) BWA Technology, Inc. [US/US]; 3993 Howard Hughes Parkway, Las Vegas, NV 89109-0961 (US).

(72) BRAGG, Charles, R.; 22411 15th Place, S.E., Bothell, WA 98021 (US). BIGELOW,

Wesley, A.; 3308 Lincoln Avenue, N.E., Renton, WA 98056 (US).

(74) YATSKO, Michael, S.; Harris Corporation, 1025 W. NASA Blvd., Melbourne, FL 32919 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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)⁷ H01Q 1/32

(11) WO 03/081717 (13) A1

(21) PCT/EP03/02026

(22) 27 Feb/fév 2003 (27.02.2003)

(25) de (26) de

(30) 102 12 625.9 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND DEVICE FOR TRACKING AN ANTENNA

• PROCEDURE ET DISPOSITIF POUR LE POINTAGE D'UNE ANTENNE

(71) KATHREIN-WERKE KG [DE/DE]; Anton-Kathrein-Str. 1-3, 83022 Rosenheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ILSANKER, Anton [DE/DE]; Falkensteinstrasse 14, 83083 Riedering (DE). MUMMERT, Wolfgang [DE/DE]; Edling-Angerfeldstrasse 2, 83134 Prutting (DE). WIENZEK, Wolfgang [DE/DE]; Scheuchenstulstrasse 13, 83024 Rosenheim (DE).

(74) FLACH, Dieter; Andrae - Flach - Haug, Adlzreiterstrasse 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) DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01Q 1/38, H04B 7/04, H01Q 1/24

(11) WO 03/081718 (13) A1

(21) PCT/RU03/00119

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ru (26) ru

(30) 2002108661 27 Mar/mar 2002 RU
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • VARIABLE BEAM ANTENNA DEVICE, TRANSMITTER-RECEIVER AND NETWORK NOTEBOOK

- DISPOSITIF D'ANTENNE A DIAGRAMME DE DIRECTIVITE VARIABLE, EMETTEUR / RECEPTEUR ET ORDINATEUR PORTATIF FONCTIONNANT EN RESEAU

(71) OBSHESTVO S OGRANICHENNOY OTVETSTVENNOSTJU "ALGORITM" [RU/RU]; ul. Ruzovskaya, 16, St. Petersburg, 190013 (RU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ABRAMOV, Oleg Jurievich [RU/RU]; Leninsky pr., 95-1-272, St. Petersburg, 198330 (RU). KASHKAROV, Aleksandr Germanovich [RU/RU]; ul. Kazanskaya, 33/5-43, St. Petersburg, 190000 (RU). NAGAIEV, Farid Ibragimovich [RU/RU]; 15 liniya V.O., 32-11, St.Petersburg, 199178 (RU).

(74) BUCH, Jury Iosifovich; OOO "Algoritm", A/ya 296, St. Petersburg, 190013 (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 SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM 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 HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM 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 HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H01Q 9/04, 21/08

(11) WO 03/081719 (13) A1

(21) PCT/GB03/01326

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 0207052.2 26 Mar/mar 2002 GB
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DIELECTRIC RESONATOR ANTENNA
• ANTENNE A RESONATEUR DIELECTRIQUE

(71) ANTENOVA LIMITED [GB/GB]; Far Field House, Albert Road, Stow-cum-Quy, Cambridge CB5 9AR (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KINGSLEY, Simon, Philip [GB/GB]; Far Field House, Albert Road., Stow-cum-Quy, Cambridge, CB5 9AR (GB). O'KEEFE, Steven, Gregory [AU/AU]; 74-78 Shiels Road, Chambers Flat, QLD 4133 (AU). PALMER, Tim, John [GB/GB]; Far Field House, Albert Road, Stow-cum-Quy, Cambridge CB5 9AR (GB). KINGSLEY, James, William [GB/GB]; Far Field House, Albert Road., Stow-cum-Quy, Cambridge, CB5 9AR (GB).

(74) HARRISON, Goddard, Foote; Belgrave Hall, Belgrave Street, Leeds LS2 8DD (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01Q 9/28, 1/38, 13/10, 13/16

(11) WO 03/081720 (13) A1

(21) PCT/IB03/00550

(22) 12 Feb/fév 2003 (12.02.2003)

(25) en (26) en

(30) 0206670.2 21 Mar/mar 2002 GB
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IMPROVEMENTS IN OR RELATING TO WIRELESS TERMINALS

- AMELIORATIONS APPORTEES A DES TERMINAUX RADIO OU S'Y RAPPORTANT

(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) BOYLE, Kevin, R. [GB/NL]; 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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q 19/18, 15/14

(11) WO 03/081721 (13) A1

(21) PCT/SG03/00059

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 200201761-4 27 Mar/mar 2002 SG
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CYLINDRICAL FRESNEL ZONE ANTENNA WITH REFLECTIVE GROUND PLATE

- ANTENNE A ZONE DE FRESNEL CYLINDRIQUE A PLAQUE DE MISE A LA TERRE REFLECHISSANTE

(71) INSTITUTE OF HIGH PERFORMANCE COMPUTING [SG/SG]; 1 Science Park Road, #01-01 The Capricorn, Singapore Science Park II, 117528 Singapore (SG).

(71, 72) YE, ChunFei [CN/SG]; Blk 464, #08-626 Jurong West Street 41, 649464 Singapore (SG). LI, Erping [SG/SG]; Blk 413, #04-403 Choa Chu Kang Avenue 3, 680413 Singapore (SG).

(74) ALLEN & GLEDHILL; 36 Robinson Road, #18-01 City House, 068877 Singapore (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01R 4/68, 24/02, 43/00

(11) WO 03/081722 (13) A1

(21) PCT/JP03/01467

(22) 13 Feb/fév 2003 (13.02.2003)

(25) ja (26) ja

(30) 2002-83450 25 Mar/mar 2002 JP
(25.03.2002)

- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • COAXIAL CONNECTOR AND PRODUCTION METHOD THEREFOR AND SUPERCONDUCTING DEVICE
• CONNECTEUR COAXIAL ET PROCEDE DE PRODUCTION CORRESPONDANT ET DISPOSITIF SUPRACONDUCTEUR
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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- (72, 75) NAKANISHI, Teru [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). AKASEGAWA, Akihiko [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). YAMANAKA, Kazunori [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) KITANO, Yoshihito; Exceed Yotsuya 2nd Floor, 9, Daikyo-cho, Shinjuku-ku, Tokyo 160-0015 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
-
- (51)⁷ H01R 12/00
- (11) WO 03/081723 (13) A1
- (21) PCT/US03/01723
- (22) 21 Jan/jan 2003 (21.01.2003)
- (25) en (26) en
- (30) 10/100,667 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TEST AND BURN-IN CONNECTOR
• CONNECTEUR DE TEST ET DE DÉVERMINAGE
- (71) HIGH CONNECTION DENSITY, INC. [US/US]; 1267 Borregas Avenue, Sunnyvale, CA 94089 (US).
- (72) LI, Che-yu; 5 Oak Ridge Lane, Roslyn, NY 13077-1303 (US). FAN, Zhineng; 1267 Borregas Avenue, Sunnyvale, CA 94089 (US). VAN, Linh; 3587 Langdon Common, Fremont, CA 94555 (US).
- (74) APICELLI, Samuel, W.; Duane, Morris & Heckscher LLP, 305 North Front Street, P.O. Box 1003, Harrisburg, PA 1700-1003 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01R 12/04
- (11) WO 03/081724 (13) A1
- (21) PCT/US03/08101
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) en (26) en
- (30) 10/100,249 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ELECTRICAL CONNECTOR ASSEMBLY AND METHOD OF ASSEMBLING SAME
• ENSEMBLE DE CONNECTEUR ELECTRIQUE ET SON PROCEDE D'ASSEMBLAGE
- (71) MOLEX INCORPORATED [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US).
- (72) KOEHLER, David, F.; 706 Mariday, Lake Orion, MI 48362 (US). CAMPBELL, Jeffrey, S.; 2125 Timberridge Court, West Bloomfield, MI 48324 (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 SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01R 12/04, 12/36
- (11) WO 03/081725 (13) A2
- (21) PCT/US03/08520
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 60/365,625 18 Mar/mar 2002 US (18.03.2002)
- (30) 10/178,103 24 Jun/juin 2002 US (24.06.2002)
- (30) PCT/US02/26785 23 Aug/août 2002 US (23.08.2002)
- (30) 10/390,098 17 Mar/mar 2003 US (17.03.2003)
- (30) 10/390,994 17 Mar/mar 2003 US (17.03.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A MINIATURIZED CONTACT SPRING
• RESSORT DE CONTACT MINIATURISE
- (71) NANONEXUS, INC. [US/US]; 400 Kato Terrace, Fremont, CA 94539 (US).
- (72) LAHIRI, Syamal, Kumar; 711 Berkshire Place, Milpitas, CA 95035 (US). SWIA-TOWIEC, Frank; 7260 Scarsdale Place, San Jose, CA 95120 (US). CHONG, Fu-Chiung; 19743 Glen Brae Drive, Saratoga, CA 95070 (US). MOK, Sammy; 106360 East Estates Drive, Cupertino, CA 95014 (US). CHIEH, Erh-Kong; 10333 A Degas Court, Cupertino, CA 95014 (US). MILTER, Roman, L.; 125 Cambon Drive, Apt. 11-D, San Francisco, CA 94132 (US). HAEMER, Joseph, M.; 370 North 4th Street #2, San Jose, CA 95112 (US). LIN, Chang-Ming; 1134 Arlington Lane, San Jose, CA 95129 (US). CHEN, Yi-Hseng; 130 East San Fernando Street #314, San Jose, CA 95112 (US). DOAN, David, Thanh; 3266 Lac Dazur Court, San Jose, CA 95148 (US).
- (74) GLENN, Michael et al. / etc.; Glenn Patent Group, Suite L, 3475 Edison Way, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01R 12/20, 13/658
- (11) WO 03/081726 (13) A1
- (21) PCT/US03/08057
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) en (26) en
- (30) 10/100,822 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MODULAR CONNECTOR WITH GROUNDING INTERCONNECT
• CONNECTEUR MODULAIRE A INTERCONNEXION DE MISE A LA TERRE
- (71) TYCO ELECTRONICS CORPORATION [US/US]; 2901 Fulling Mill Road, Middletown, PA 17057 (US).
- (72) ROTHERMEL, Brent, Ryan; 1805 Pebble Court 5/2002, Harrisburg, PA 17110 (US). PHILLIPS, Michael, John; 328 Deerfield Road, Camp Hill, PA 17011 (US). SHARF, Alexander, Michael; 4405 Saybrook Lane, Harrisburg, PA 17110 (US). HELSTER, David, Wayne; 6140 Randolph Court, Harrisburg, PA 17111 (US). HENRY, Randall, Robert; 4015 Thicket Lane, Harrisburg, PA 17110 (US). FEDDER, James, Lee; 105 Appaloosa Way, Etters, PA 17319 (US). SIPE, Lynn, Robert; RR 1 Box 294, Mifflintown, PA 17059 (US). FOWLER, David, Keay; 750 Maxele Lane, Boiling Springs, PA 17007 (US). TAYLOR, Attalee, Snarr; 224 Bunny Lane, Palmyra, PA 17078 (US).
- (74) KAPALKA, Robert, J. et al. / etc.; Tyco Technology Resources, Suite 140, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01R 13/52, H02G 15/18
- (11) WO 03/081727 (13) A1
- (21) PCT/GB03/01095
- (22) 13 Mar/mar 2003 (13.03.2003)
- (25) en (26) en
- (30) 0206797.3 22 Mar/mar 2002 GB (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • IMPROVEMENTS RELATING TO ELECTRICAL LINK BOXES
• AMELIORATIONS DE BOITIERS DE LIAISON ELECTRIQUE
- (71) TYCO ELECTRONICS UK LIMITED [GB/GB]; European Patent Department, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DOCKRAY, John [GB/GB]; 21 Prentice Close, Moira, Nr Swadlincote, Leicestershire DE12 6DL (GB).
- (74) JAY, Anthony, William; European Patent Department, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ H01R 13/523
- (11) WO 03/081728 (13) A1
- (21) PCT/IB03/01072
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) en (26) en
- (30) 20021470 25 Mar/mar 2002 NO (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A SWITCHING DEVICE
• DISPOSITIF DE COMMUTATION
- (71) ABB AS [NO/NO]; Postboks 94, N-1375 Billingstad (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OESTERGAARD, Inge [NO/NO]; Oestliveien 32, N-1389 HEGGEDAL (NO).
- (74) ABB AS; c/o ABB Group Services Center AB, Legal & Compliance/Intellectual Property, Forskargränd 8, S-721 78 Västerås (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 SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01R 13/70
- (11) WO 03/081729 (13) A1
- (21) PCT/KR02/01674
- (22) 4 Sep/sep 2002 (04.09.2002)
- (25) ko (26) en
- (30) 2002-15324 21 Mar/mar 2002 KR (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CONCENTRIC PLUG THAT CAN BE SEPARABLE TO PLUG AND SUPPLIABLE TO PLUG ELECTRIC CURRENT
• FICHE CONCENTRIQUE POUVANT ETRE SEPARÉE DE LA PRISE ET ALIMENTÉE EN COURANT ELECTRIQUE PAR LA PRISE
- (71, 72) PARK, Seung-Ki [KR/KR]; 67-303, Kangdong Apt., 413, Amsa-4dong, Kangdong-gu, 034-054 Seoul (KR).
- (74) KO, Seung-Ho; Ko Patent & Law Office, 1677-14, #502 Chunsa Bldg., Seocho-Gu, Seocho-Dong, Seoul 137-070 (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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01S
- (11) WO 03/081731 (13) A2
- (21) PCT/US03/07293
- (22) 1 Mar/mar 2003 (01.03.2003)
- (25) en (26) en
- (30) 60/365,936 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PHASE-LOCKED LOOP CONTROL OF PASSIVELY Q-SWITCHED LASERS
• COMMANDE DE BOUCLE A PHASE ASSERVIE DE LASERS A DECLENCHEMENT PASSIF
- (71) LIGHTWAVE ELECTRONICS CORPORATION [US/US]; 2400 Charleston Avenue, Mountain View, CA 94043 (US).
- (72) KANE, Thomas; 1250 Altschul Avenue, Menlo Park, CA 94025 (US).
- (74) ISENBERG, Joshua; JDI PATENT, 204 Castro Lane, Fremont, CA 94539 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01S 3/13
- (11) WO 03/081732 (13) A1
- (21) PCT/US03/08093
- (64) • POWDER METALLURGY TUNGSTEN CRUCIBLE FOR ALUMINUM NITRIDE CRYSTAL GROWTH
• CREUSET DE TUNGSTENE PROVENANT DE LA METALLURGIE DES POUDRES DESTINE A LA CROISSANCE DE CRISTAUX DE NITRURE D'ALUMINIUM
- (71) CRYSTAL IS, INC. [US/US]; 25 Cord Drive, Latham, NY 12110 (US).
- (72) SCHOWALTER, Leo, J.; 25 Cord Drive, Latham, NY 12110 (US). SLACK, Glen, A.; 3442 Ridge Road, Scotia, NY 12302 (US).
- (74) SAMPSON, Richard, L.; Sampson & Associates, P.C., 50 Congress 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 HU IE IT 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) 18 Mar/mar 2003 (18.03.2003)
 (25) en (26) en
 (30) 60/365,467 18 Mar/mar 2002 US (18.03.2002)
 (30) 10/390,400 17 Mar/mar 2003 US (17.03.2003)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • LOW VOLTAGE LASER DRIVER
 • CIRCUIT D'ATTAQUE DE LASER BASSE TENSION
 (71) XANOPTIX, INC. [US/US]; 10 Al Paul Lane, Merrimack, NH 03054 (US).
 (72, 75) WYMAN, Theodore, J. [US/US]; 37 Francetown TPK, Mont Vernon, NH 03057 (US). KIAMILEV, Fouad [US/US]; 12 Longacre Court, Hockessin, DE 19707 (US).
 (74) STRAUSSMAN, Richard; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 Published / Publiée : (c)
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- (51)⁷ H01S 5/00
 (11) WO 03/081733 (13) A2
 (21) PCT/GB03/01175
 (22) 19 Mar/mar 2003 (19.03.2003)
 (25) en (26) en
 (30) 0206441.8 19 Mar/mar 2002 GB (19.03.2002)
 (30) 0207164.5 27 Mar/mar 2002 GB (27.03.2002)
 (30) 0211039.3 15 May/mai 2002 GB (15.05.2002)
 (30) 0211038.5 15 May/mai 2002 GB (15.05.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • TUNEABLE LASER
 • LASER ACCORDABLE
 (71) BOOKHAM TECHNOLOGY PLC [GB/GB]; 90 Milton Park, Abingdon, Oxon OX14 4RY (GB).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) ZAKHLENIUK, Nick [GB/GB]; 32 Haddon Park, Colchester, Essex CO1 2GX (GB). HOLDEN, Anthony [GB/GB]; 15 Octavian Way, Brackley, Northamptonshire NN13 7HX (GB).
 (74) DOWNING, Michael, Philip et al. / etc.; Fry Heath & Spence LLP, The Gables, Massetts Road, Horley, Surrey RH6 7DQ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 Declarations / Déclarations :
 (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
 (u) for / pour US only / seulement
 (51)⁷ H01S 5/022, G02B 6/42
 (11) WO 03/081734 (13) A1
 (21) PCT/JP03/03012
 (22) 13 Mar/mar 2003 (13.03.2003)
 (25) ja (26) ja
 (30) 2002-089135 27 Mar/mar 2002 JP (27.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • OPTICAL MODULE AND METHOD FOR ASSEMBLING OPTICAL MODULE
 • MODULE ET PROCEDE OPTIQUE D'ASSEMBLAGE DE MODULE OPTIQUE
 (71) THE FURUKAWA ELECTRIC CO., LTD [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) ZAMA, Satoru [JP/JP]; c/o The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP). MITOSE, Kengo [JP/JP]; c/o The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP). TSUZUKI, Yoshikazu [JP/JP]; c/o The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP). SAKATA, Masato [JP/JP]; c/o The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP).
 (74) KAWAWA, Takaho; 1-10, Mita 3-chome, Minato-ku, Tokyo 108-0073 (JP).
 (81) JP US.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ H01S 5/022
 (11) WO 03/081735 (13) A1
 (21) PCT/JP03/03554
 (22) 24 Mar/mar 2003 (24.03.2003)
 (25) ja (26) ja
 (30) 2002-83661 25 Mar/mar 2002 JP (25.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • SEMICONDUCTOR LASER BEAM DEVICE
 • DISPOSITIF A FAISCEAU LASER A SEMI-CONDUCTEURS
 (71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-0083 (JP). TOTTORI SANYO ELECTRIC CO., LTD. [JP/JP]; 201, Minamiyoshikata 3-chome, Tottori-shi, Tottori 680-8634 (JP).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) HONDA, Shoji [JP/JP]; c/o Tottori Sanyo Electric Co., Ltd., 201, Minamiyoshikata 3-chome, Tottori-shi, Tottori 680-8634 (JP).
 (74) SANO, Shizuo; Tenmabashi-Yachiyo Bldg. Bekkan, 2-6, Tenmabashi-kyomachi, Chuo-ku, Osaka-shi, Osaka 540-0032 (JP).
 (81) CA CN ID KR SG US.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ H01S 5/34
 (11) WO 03/081736 (13) A1
 (21) PCT/IB03/01080
 (22) 24 Mar/mar 2003 (24.03.2003)
 (25) it (26) en
 (30) TO2002A000274 27 Mar/mar 2002 IT (27.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • THE SEMICONDUCTOR LASER INCORPORATING A CONTROLLED PLASMON CONFINEMENT WAVEGUIDE
 • LASER A SEMI-CONDUCTEUR THZ COMPRENANT UN GUIDE D'ONDE DE CONFINEMENT A MODES PLASMONIQUES REGULES
 (71) INFN ISTITUTO NAZIONALE PER LA FISICA DELLA MATERIA [IT/IT]; Corso F. Perrone, 24, I-16152 Genova (IT). CAMBRIDGE UNIVERSITY TECHNICAL SERVICES [GB/GB]; The Old Schools, Trinity Lane, Cambridge CB2 1TS (GB).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) TREDICUCCI, Alessandro [IT/IT]; Via Fratelli Rosselli, 35 A/5, I-56123 Pisa (IT). BELTRAM, Fabio [IT/IT]; Via Carnia, 19, I-34170 Gorizia (IT). BEERE, Harvey, Edward [GB/GB]; 9 Housman Avenue, Royston, Hertfordshire SG8 5DN (GB). DAVIES, Alexander, Giles [GB/GB]; 46 Cowper Road, Cambridge CB1 3SN (GB). KOEHLER, Ruedeger [DE/DE]; KOEHLER, Ruedeger, Thormasiusstrasse

27, 10557 Berlin (DE). LINFIELD, Edmund, Harold [GB/GB]; 10 St. Peter's Road, Coton, Cambridge CB3 7PR (GB).

(74) RAMBELLI, Paolo et al. / etc.; Jacobacci & Partners SpA, Corso Regio Parco 27, I-10152 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ H02B 13/01

(11) WO 03/081737 (13) A1

(21) PCT/DE03/00897

(22) 13 Mar/mar 2003 (13.03.2003)

(25) de (26) de

(30) 102 14 182.7 27 Mar/mar 2002 DE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ELECTRICAL SWITCHGEAR INSULATED BY SOLID MATERIAL

• APPAREILLAGE DE COMMUTATION ELECTRIQUE ISOLE A L'AIDE DE MATIERE SOLIDE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) POTH, Rainer [DE/DE]; Freiherr-v.-Stein-Str. 2, 61118 Bad Vilbel (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) 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 HU IE IT LU MC NL PT RO SE SI SK TR) (u) for / pour US only / seulement

(51)⁷ H02B 13/025

(11) WO 03/081738 (13) A1

(21) PCT/NL03/00216

(22) 21 Mar/mar 2003 (21.03.2003)

(25) nl (26) en

(30) 1020224 21 Mar/mar 2002 NL (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ARC-RESISTANT SWITCHGEAR ENCLOSURE

• ENCEINTE POUR APPAREILLAGE DE COMMUTATION RESISTANT AUX ARCS

(71) HOLEC Holland N.V. [NL/NL]; P.O. Box 23, NL-7550 SC Hengelo (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAMMERS, Arend, Jan, Willem [NL/NL]; Louis Bouwmeesterstraat 117, NL-7558 TV Hengelo (NL).

(74) VAN WESTENBRUGGE, Andries et al; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02G 3/00

(11) WO 03/081739 (13) A1

(21) PCT/CH03/00166

(22) 13 Mar/mar 2003 (13.03.2003)

(25) de (26) de

(30) 511/02 25 Mar/mar 2002 CH (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HOME AND BUILDING INFORMATION SYSTEM

• SYSTEME D'INFORMATION DOMESTIQUE ET DE BATIMENT

(71, 72) OETLIKER, Michael [CH/CH]; Landhaus, Escherweg 9, CH-8546 Kefikon (CH).

(74) PATENTANWÄLTE BREITER + WIEDMER AG; Seuzachstrasse 2, Postfach 366, CH-8413 Neftenbach (CH).

(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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02G 5/06

(11) WO 03/081740 (13) A1

(21) PCT/CA03/00237

(22) 20 Feb/fév 2003 (20.02.2003)

(25) en (26) en

(30) 2,377,853 21 Mar/mar 2002 CA (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ISOLATED PHASE BUS DUCT JOINT ASSEMBLY

• ACCOUPLEMENT DE BARRES OMNIBUS DE PHASE ISOLEES

(71) GENERAL ELECTRIC CANADA INC. [CA/CA]; 2300 Meadowvale Blvd., Mississauga, Ontario L5N 5P9 (CA).

(72) WHITE, Michael, Walter; 1593 Whittington Drive, Peterborough, Ontario K9J 6X6 (CA). MILLS, Bruce, William; 1461 Parkhill Road, R.R. #3, Peterborough, Ontario K9J 6X4 (CA). REHDER, Robert, Henry; 14 Middleton, Peterborough, Ontario K9J 4Z2 (CA).

(74) WILSON, Craig; Craig Wilson and Company, 2570 Matheson Blvd. East, Suite 211, Mississauga, Ontario L4W 4Z3 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ H02H 1/06

(11) WO 03/081741 (13) A1

(21) PCT/DE03/00896

(22) 13 Mar/mar 2003 (13.03.2003)

(25) de (26) de

(30) 102 14 234.3 26 Mar/mar 2002 DE
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ANALOGUE ELECTRONIC TRIP DE-
VICE FOR AN ELECTRICAL POWER
BREAKER RESPONDING TO A
SHORT-CIRCUIT

• DISPOSITIF DE DECLenchement
ANALOGIQUE ELECTRONIQUE REA-
GISSANT AUX COURTS-CIRCUITS
POUR UN DISJONCTEUR ELEC-
TRIQUE

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

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les États désignés sauf US)

(72, 75) FRANKE, Henry [DE/DE]; Granitz-
strasse 47, 13189 Berlin (DE). GNOER-
RLICH, Uwe [DE/DE]; An der Wuhle 95 H,
12621 Berlin (DE). LIEBETRUTH, Marc
[DE/DE]; Hubertusallee 60, 16548 Glienicke
(DE). PANCKE, Andreas [DE/DE];
Bernauer Strasse 47, 13507 Berlin (DE).
RÖHL, Wolfgang [DE/DE]; Im Rehgrund
43 A, 13503 Berlin (DE).

(74) SIEMENS AKTIENGESELLSCHAFT;
Postfach 22 16 34, 80506 München (DE).

(81) CN IN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : CN IN JP EP (AT BE BG
CH CY CZ DE DK EE ES FI FR GB GR HU IE
IT LU MC NL PT RO SE SI SK TR)
(u) for / pour US only / seulement

(51)⁷ H02H 9/04

(11) WO 03/081742 (13) A1

(21) PCT/RU02/00113

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CIRCUIT FOR ELECTROSTATIC DIS-
CHARGE PROTECTION

• CIRCUIT DE PROTECTION CONTRE
LES DECHARGES ELECTROSTA-
TIQUES

(71) MOTOROLA INC. [US/US]; 1303 East Al-
gonquin Road, Schaumburg, IL 60196 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KRASIN, Alexander Alexeevich
[RU/RU]; Zelenograd, 1522-217, Moscow,
103683 (RU).

(74) EGOROVA, Galina et al. / etc.; Law Firm
"GORODISSKY & PARTNERS" Ltd., ul.
Bolshaya Spasskaya, 25-3, Moscow, 129010
(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)⁷ H02J

(11) WO 03/081743 (13) A2

(21) PCT/US03/08646

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 10/103,006 21 Mar/mar 2002 US
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • APPARATUS AND METHOD FOR
CONTROLLING SELF-CONTAINED
POWER GENERATION AND POWER
UTILIZATION SYSTEM

• DISPOSITIF ET PROCEDE PERMET-
TANT DE REGULIER LA PRODUC-
TION ET L'UTILISATION D'UNE
PUISSANCE AUTONOME

(71) ROWAN COMPANIES, INC. [US/US];
5450 Transco Tower, 2800 Post Oak Boule-
vard, Houston, TX 77056 (US).

(72) KASSING, David M.; 12319 Meadow
Berry Drive, Stafford, TX 77477 (US).

(74) DEEVER, Albert B., Jr.; 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H02J 7/34

(11) WO 03/081744 (13) A1

(21) PCT/RU03/00108

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ru (26) ru

(30) 2002107406 26 Mar/mar 2002 RU
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR POWERING A LOAD

• DISPOSITIF DESTINE A L'ALIMENTA-
TION D'UNE CHARGE

(71, 72) RAZUMOV, Sergey Nikolaevich
[RU/RU]; Elektrichesky pereulok, 8-4-7,
Moscow, 123455 (RU).

(72, 75) DZENKEVICH, Arkadiy
Vladimirovich [RU/RU]; Leninsky prospekt,
152-1-1, Moscow, 117571 (RU). SIZOV,
Mihail Vasilevich [RU/RU]; ul. Teply
Stan, 25-1-25, Moscow, 117133 (RU).
LITVINENKO, Sergey Nikolaevich
[RU/RU]; Zelenograd, 1101-168, Moscow,
103460 (RU).

(74) SHIROKOVA, Tatyana Konstantinovna;
ul. Pervomaiskaya, 66-135, Moscow, 105554
(RU).

(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 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 HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H02J 9/06, 9/02, H05B 39/00, 41/24

(11) WO 03/081745 (13) A1

(21) PCT/GB03/00837

(22) 28 Feb/fév 2003 (28.02.2003)

(25) en (26) en

(30) 0206798.1 22 Mar/mar 2002 GB
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • LIGHTING SYSTEM

• SYSTEME D'ECLAIRAGE

(71) CLARK, Richard, Julian [GB/GB]; Holy-
bourn, 1 Tarrant Gardens, Dilley Lane, Hart-
ley Wintney, Hampshire RG27 8NE (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) VERNON-DIER, David, Richard
[GB/GB]; 1 Carwardine Close, Woodham
Village, Co. Durham DL5 4XE (GB).

(74) BROOKS, Nigel CPA; Hill Hampton, East
Meon, Petersfield, Hampshire GU32 1QN
(GB).

(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 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 HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ H02J 17/00, G01R 15/14

(11) WO 03/081746 (13) A1

(21) PCT/DE03/00837

(22) 14 Mar/mar 2003 (14.03.2003)

(25) de (26) de

(30) 102 13 845.1 27 Mar/mar 2002 DE
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ARRANGEMENT FOR THE ELECTRIC POWER SUPPLY OF A CONSUMER BY MEANS OF A TRANSMISSION PATH DIVIDED INTO TWO

- DISPOSITIF D'ALIMENTATION ELECTRIQUE D'UN RECEPTEUR AU MOYEN D'UN PARCOURS DE TRANSMISSION EN DEUX PARTIES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BIRKLE, Siegfried [DE/DE]; Veit-Stoss-Str. 46, 91315 Höchstadt (DE). HAIN, Stefan [DE/DE]; Eichenring 3, 91090 Effeltrich (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H02K

(11) WO 03/081747 (13) A2

(21) PCT/US03/08163

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 60/365,971 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND SYSTEM FOR MONITORING WINDING INSULATION RESISTANCE

- PROCEDE ET SYSTEME DETERMINANT LA RESISTANCE DE L'ISOLANT D'UN ENROULEMENT

(71) EMERSON ELECTRIC CO. [US/US]; 8000 West Florissant Avenue, St. Louis, MO 63136 (US).

(72) KLINGEL, John, C.; 1017 Oak Terrace Dr., North Mankato, MN 56003 (US).

(74) GLEASON, Mark, L.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02K 1/27, 21/16

(11) WO 03/081748 (13) A1

(21) PCT/EP03/00167

(22) 10 Jan/jan 2003 (10.01.2003)

(25) de (26) de

(30) 202 04 660.5 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • INNER ROTOR MOTOR

- MOTEUR A ROTOR INTERNE

(71) PAPST-MOTOREN GMBH & CO. KG [DE/DE]; Hermann-Papst-Strasse 1, 78112 St. Georgen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ILES-KLUMPNER, Dorin [DE/DE]; Breslauer Strasse 16, 78112 St. Georgen (DE).

(74) RAIBLE & RAIBLE; Schoderstrasse 10, 70192 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H02K 3/14

(11) WO 03/081749 (13) A1

(21) PCT/GB03/00797

(22) 25 Feb/fév 2003 (25.02.2003)

(25) en (26) en

(30) 0206645.4 21 Mar/mar 2002 GB (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IMPROVEMENTS IN OR RELATING TO MAGNETIC COILS FOR ELECTRICAL MACHINES

- AMEIORATIONS APORTEES OU ASSOCIEES A DES BOBINES MAGNETIQUES POUR MACHINES ELECTRIQUES

(71) ROLLS ROYCE PLC [GB/GB]; 65 Buckingham Gate, London SW1E 6AT (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MITCHAM, Alan, John [GB/GB]; 5 The Rise, Ponteland, Northumberland NE20 9LJ (GB).

(74) GUNN, Michael, Alan; Intellectual Property Dept ML9, Rolls-Royce plc, P.O. Box 31, Derby DE24 8BJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02K 5/173, F16C 35/067

(11) WO 03/081750 (13) A1

(21) PCT/FR03/00865

(22) 19 Mar/mar 2003 (19.03.2003)

(25) fr (26) fr

(30) 02/03804 27 Mar/mar 2002 FR (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ALTERNATOR FOR A MOTOR VEHICLE

- ALTERNATEUR POUR VEHICULE AUTOMOBILE

(71) VALEO EQUIPEMENTS ELECTRIQUES MOTEUR [FR/FR]; 2, rue André-Boulle, F-94017 Créteil Cedex (FR).

(72) LEPRETRE, Laurent; 11 rue de l'Abbé Bouly, F-62360 Condette (FR).

(74) GAMONAL, Didier; Valeo Equipements Electriques Moteur, 2, rue André-Boulle, F-94017 Créteil Cedex (FR).

(81) BR KR MX.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ H02K 5/22

(11) WO 03/081751 (13) A1

(21) PCT/JP03/03433

(22) 20 Mar/mar 2003 (20.03.2003)

(25) ja (26) ja

(30) 2002-83431 25 Mar/mar 2002 JP (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TERMINAL CONNECTION PART STRUCTURE OF ELECTRIC MOTOR

- WITH SPEED REDUCTION MECHANISM
- STRUCTURE DE RACCORDEMENT DE BORNES D'UN MOTEUR ELECTRIQUE EQUIPE D'UN REDUCTEUR DE VITESSE
- (71) MITSUBA CORPORATION [JP/JP]; 2681, Hirosawacho 1-Chome, Kiryu-shi, Gunma 376-8555 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KANO, Masami [JP/JP]; 6-1056-7, Hirosawacho, Kiryu-shi, Gunma 376-0013 (JP).
- (74) TAKANO, Yasushi; TAKANO & PARTNER, Miyamasuzaka-Toho-Estate 602, 1-12-12, Shibuya, Shibuya-ku, Tokyo 150-0002 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ H02K 7/102, F16D 55/36, E06B 9/72
- (11) WO 03/081752 (13) A1
- (21) PCT/IB03/01105
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) fr (26) fr
- (30) 02/03670 25 Mar/mar 2002 FR (25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DEVICE WITH DISC BRAKING AND TORQUE TRANSMISSION
- DISPOSITIF DE FREIN A DISQUES ET DE TRANSMISSION DE COUPLE
- (71) SOMFY [FR/FR]; 50, Avenue du Nouveau Monde, F-74300 Cluses (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LAGARDE, Eric [FR/FR]; 119, Impasse de la Route du Battoir, F-74700 Sallanches (FR). BEAU, Stéphane [FR/FR]; 210, rue de l'Hôpital, F-74700 Sallanches (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H02K 13/02, 47/26
- (11) WO 03/081753 (13) A1
- (21) PCT/CA03/00238
- (22) 20 Feb/fév 2003 (20.02.2003)
- (25) en (26) en
- (30) 2,377,849 21 Mar/mar 2002 CA (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HIGH POWER ROTARY TRANSFORMER WITH BUS DUCT ASSEMBLY
- CONVERTISSEUR TOURNANT DE FORTE PUISSANCE A ENSEMBLE DE BARRES OMNIBUS
- (71) GENERAL ELECTRIC CANADA INC. [CA/CA]; 2300 Meadowvale Blvd., Mississauga, Ontario L5N 5P9 (CA).
- (72) WHITE, Michael, Walter; 1593 Whittington Drive, Peterborough, Ontario K9J 6X6 (CA). MILLS, Bruce, William; 1461 Parkhill Road W., R.R. #3, Peterborough, Ontario K9J 6X4 (CA). REHDER, Robert, Henry; 14 Middleton, Peterborough, Ontario K9J 4Z2 (CA).
- (74) WILSON, Craig; Craig Wilson and Company, 2570 Matheson Blvd. East, Suite 211, Mississauga, Ontario L4W 4Z3 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
- Declaration / Déclaration :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ H02K 15/04, 3/04
- (11) WO 03/081754 (13) A1
- (21) PCT/DE03/00750
- (22) 7 Mar/mar 2003 (07.03.2003)
- (25) de (26) de
- (30) 102 13 383.2 26 Mar/mar 2002 DE (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD FOR, PARTICULARLY, MACHINE WINDING AN ELECTRICAL WINDING ON A WINDING CARRIER
- PROCEDE POUR ENROULER, NOTAMMENT DE MANIERE MECANIQUE, UN ENROULEMENT ELECTRIQUE SUR UN SUPPORT D'ENROULEMENT
- (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) WEHRLE, Andreas [DE/DE]; Untere Au 33, 77652 Offenburg (DE).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (c)
-
- (51)⁷ H02K 15/095, 3/52
- (11) WO 03/081755 (13) A1
- (21) PCT/EP03/01003
- (22) 1 Feb/fév 2003 (01.02.2003)
- (25) de (26) de
- (30) 102 13 743.9 26 Mar/mar 2002 DE (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • STATOR FOR ELECTRIC MOTORS HAVING A WINDING INTERCONNECTION ASSEMBLY
- STATOR POUR MOTEURS ELECTRIQUES COMPRENANT UN SYSTEME D'INTERCONNEXION D'ENROULEMENT
- (71) EBM WERKE GMBH & CO. KG [DE/DE]; Bachmühle 2, 74673 Mulfingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LUTZ, Josef [DE/DE]; Schochenweg 4, 84034 Landshut (DE). MASCHKE, Matthias [DE/DE]; Buchenweg 18, 74653 Künzelsau (DE). POLLOK, Erich [DE/DE]; Sperrlohestr. 5, 97996 Niederstetten (DE).
- (74) ZAPF, Christoph; Solf & Zapf, Candidplatz 15, 81543 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H02M 1/00
- (11) WO 03/081756 (13) A2
- (21) PCT/DE03/00721
- (22) 5 Mar/mar 2003 (05.03.2003)
- (25) de (26) de
- (30) 102 12 645.3 21 Mar/mar 2002 DE (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CIRCUIT USED FOR POWER FACTOR CORRECTION
- CIRCUIT DE CORRECTION DU FACTEUR DE PUISSANCE ELECTRIQUE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HONSBERG-RIEDL, Martin** [DE/DE]; Leonhardstrasse 44, 83317 Teisendorf (DE). **CZEKAY, Dietmar** [DE/DE]; Bünastrasse 45, 01069 Dresden (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02M 1/12, B03C 3/66

(11) WO 03/081757 (13) A1

(21) PCT/US03/05792

(22) 25 Feb/fév 2003 (25.02.2003)

(25) en (26) en

(30) 10/063,099 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • APPARATUS AND METHOD FOR FILTERING VOLTAGE FOR AN ELECTROSTATIC PRECIPITATOR

• APPAREIL ET PROCÉDE DE FILTRAGE D'UNE TENSION APPLIQUÉE A UN DISPOSITIF DE PRÉCIPITATION ÉLECTROSTATIQUE

(71) **BHA GROUP HOLDINGS, INC.** [US/US]; 8800 EAST 63RD STREET, KANSAS CITY, MO 64133 (US).

(72) **JOHNSTON, David**; 115 Mobjack Loop, Yorktown, VA 23693 (US). **MAHLER, Michael**; 3765 Laurel-Lye Lane, Hayes, VA 23072 (US). **FARMER, Terry**; 17820 NE 134th Street, Kearney, MO 64060 (US). **HUMMELL III, Robert**; 150 Melville Drive, Newport News, VA 23602 (US).

(74) **ELLIOTT, Kyle**; Blackwell Sanders Peper Martin LLP, 9401 Indian Creek Parkway, Suite 1200, Overland Park, KS 66210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H02M 3/155, 7/12, 7/48

(11) WO 03/081758 (13) A1

(21) PCT/JP03/03666

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(30) 2002-86276 26 Mar/mar 2002 JP (26.03.2002)

(30) 2002-86308 26 Mar/mar 2002 JP (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • POWER CONVERTER

• CONVERTISSEUR DE PUISSANCE

(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) **IWAHORI, Yutaka** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP).

(74) **NISHIKAWA, Yoshikiyo et al.** / etc.; Hokuto Patent Attorneys Office, Umeda-Dai-ichiseimei Bldg. 5F, 12-17, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka 530-0001 (JP).

(81) CN DE JP US.

(51)⁷ H02M 7/5387

(11) WO 03/081759 (13) A1

(21) PCT/IE03/00049

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) S2002/0224 27 Mar/mar 2002 IE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • "A POWER CONVERTER"

• CONVERTISSEUR DE PUISSANCE

(71) **COMMERGY TECHNOLOGIES LIMITED** [IE/IE]; 133 Lansdowne Park, Ballsbridge, Dublin 4 (IE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOUNG, George** [IE/IE]; 11 Woodlands Park, Blackrock, County Dublin (IE). **MEANEY, Peter, Michael** [IE/IE]; Buncoille, Saleen, Cloyne, County Cork (IE). **KEOGH, Andrew, Bernard** [IE/IE]; 58 The Copper Valley Vue, Glanmire, County Cork (IE).

(74) **O'CONNOR, Donal, H. et al.** / etc.; Cruickshank & Co., 1 Holles Street, Dublin 2 (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H02N

(11) WO 03/081760 (13) A2

(21) PCT/DE03/00434

(22) 13 Feb/fév 2003 (13.02.2003)

(25) de (26) de

(30) 102 13 887.7 27 Mar/mar 2002 DE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • POWER SUPPLY UNIT FOR A PORTABLE ELECTRIC DEVICE

• UNITE D'ALIMENTATION ÉLECTRIQUE POUR APPAREIL ÉLECTRIQUE PORTABLE

(71) **FUJITSU SIEMENS COMPUTERS GMBH** [DE/DE]; Otto-Hahn-Ring 6, 81739 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GROSSHENNIG, Jörg** [DE/DE]; Meisenweg 5, 86830 Schwabmünchen (DE).

(74) **EPPING HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH**; Rüdlerstrasse 55, 80339 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02N

(11) WO 03/081761 (13) A2

(21) PCT/US03/08405

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 10/104,186 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CONDUCTING POLYMER ACTIVATORS BASED ON MICROPOROUS ASYMMETRIC MEMBRANES

• ACTIVATEURS POLYMERES CONDUCTEURS A BASE DE MEMBRANES MICROPOREUSES ASYMMÉTRIQUES

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; Los Alamos National Laboratory, LC/IP, MS A187, Los Alamos, NM 87545 (US).

(72) **WANG, Hsing-Lin**; 63 Hacienda Drive, Los Alamos, NM 87544 (US). **MATTES, Benjamin, R.**; 3216 Richards Lane, Santa Fe, NM 87505 (US).

(74) **WYRICK, Milton, D. et al.** / etc.; Los Alamos National Laboratory, LC/IP, MS A187, Los Alamos, NM 87545 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

- MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ H02N 1/00, H01L 41/09, 41/16
(11) WO 03/081762 (13) A1
(21) PCT/US03/08703
(22) 18 Mar/mar 2003 (18.03.2003)
(25) en (26) en
(30) 60/365,472 18 Mar/mar 2002 US
(18.03.2002)
(30) 10/154,449 21 May/mai 2002 US
(21.05.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • ELECTROACTIVE POLYMER DE-
VICES FOR MOVING FLUID
• DISPOSITIFS DE POLYMERE ELEC-
TRO-ACTIF POUR DEPLACEMENT
DE FLUIDE
(71) SRI INTERNATIONAL [US/US]; 333
Ravenswood Avenue, Menlo Park, CA 94025
(US).
(for all designated States except / pour tous
les États désignés sauf US)
(71, 72) PELRINE, Ronald, E. [US/US]; 79
Huron Court, Boulder, CO 80303 (US).
KORNBLUH, Roy, David [US/US]; 260
Palo Alto Drive, Palo Alto, CA 94301 (US).
STANFORD, Scott, E. [US/US]; 967 Ore-
gon Avenue, Palo Alto, CA 94303 (US).
PEI, Qibing [US/US]; 46710 Paseo Padre
Parkway, Fremont, CA 94539 (US).
(72, 75) HEYDT, Richard [US/US]; 1090
Guinda Street, Palo Alto, CA 94301 (US).
ECKERLE, Joseph, S. [US/US]; Star
Route, Box 20, Redwood City, CA 94025
(US). HEIM, Jonathan, R. [US/US]; 61
Clarendon Road, Pacifica, CA 94044 (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 NI NO NZ OM PH PL
PT RO RU SC SD SE SG SK SL TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ H02P 5/00, 6/00
(11) WO 03/081763 (13) A1
(21) PCT/US03/02237
(22) 27 Jan/jan 2003 (27.01.2003)
- (25) en (26) en
(30) 10/100,647 19 Mar/mar 2002 US
(19.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • CLOSED-LOOP PHASE COMPENSA-
TION CONTROLLER
• CONTROLLEUR ASSERVI DE COM-
PENSATION DE PHASE
(71) 3M INNOVATIVE PROPERTIES COM-
PANY [US/US]; 3M Center, Post Office Box
33427, Saint Paul, MN 55133-3427 (US).
(72) SPINDLER, Kent J.; Post Office Box
33427, Saint Paul, MN 55133-3427 (US).
CARLIN, Robert J.; Post Office Box 33427,
Saint Paul, MN 55133-3427 (US). CINNA-
MON, Steven A.; Post Office Box 33427,
Saint Paul, MN 55133-3427 (US).
(74) SZYMANSKI, Brian E. et al. / etc.; Of-
fice of Intellectual Property Counsel, Post Of-
fice of Intel 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 SC SD SE SG SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT SE SI SK TR) OA (BF BJ CF CG CI CM GA
GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les
désignations
-
- (51)⁷ H02P 9/00, H02J 7/14
(11) WO 03/081764 (13) A1
(21) PCT/DE02/04453
(22) 5 Dec/déc 2002 (05.12.2002)
(25) de (26) de
(30) 102 12 751.4 22 Mar/mar 2002 DE
(22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD AND DEVICE FOR DETER-
MINING THE ROTOR TEMPERATURE
IN A PERMANENT MAGNET-EX-
CITED SYNCHRONOUS MACHINE
• PROCEDE ET DISPOSITIF DE DETER-
MINATION DE LA TEMPERATURE
DU ROTOR SUR UNE MACHINE
SYNCHRONNE A EXCITATION PAR
AIMANTS PERMANENTS
(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) RECHBERGER, Klaus [DE/DE];
Porzellanallee 21, 71638 Ludwigsburg (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 SI SK
TR).
-
- (51)⁷ H02P 21/00
(11) WO 03/081765 (13) A1
(21) PCT/JP03/03419
(22) 20 Mar/mar 2003 (20.03.2003)
(25) ja (26) ja
(30) 2002-81171 22 Mar/mar 2002 JP
(22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • SYNCHRONOUS RELUCTANCE MO-
TOR CONTROL DEVICE
• DISPOSITIF DE COMMANDE D'UN
MOTEUR A RELUCTANCE SYN-
CHRONNE
(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) KAWAJI, Mitsuo [JP/JP]; Shosoryo
202, 2-7-11, Nojihigashi, Kusatsu-shi, Shiga
525-0058 (JP). MATSUSHIRO, Hideo
[JP/JP]; 3-4-14, Kasayama, Kusatsu-shi,
Shiga 525-0072 (JP). MATSUI, Keizo
[JP/JP]; 12-3, Aoyama 2-chome, Otsu-shi,
Shiga 520-2101 (JP).
(74) AOYAMA, Tamotsu et al. / etc.; AOYAMA
& PARTNERS, IMP Building, 3-7, Shi-
romi 1-chome, Chuo-ku, Osaka-shi, Osaka
540-0001 (JP).
(81) CN JP KR US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT SE SI
SK TR).
-
- (51)⁷ H03B 21/00, H03D 3/24, H03L 7/00,
H04L 7/00, 27/06
(11) WO 03/081766 (13) A1
(21) PCT/US03/05303
(22) 20 Feb/fév 2003 (20.02.2003)
(25) en (26) en
(30) 60/365,476 18 Mar/mar 2002 US
(18.03.2002)
(30) 10/263,066 1 Oct/oct 2002 US
(01.10.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • DETECTION OF FREQUENCY DIF-
FERENCES BETWEEN SIGNALS
• DETECTION DE LA DIFFERENCE DE
FREQUENCES ENTRE DES SIGNAUX

(71) CENTELLAX, INC. [US/US]; 451 Aviation Boulevard, Suite 101, Santa Rosa, CA 94503 (US).

(72) GUTIERREZ, German; 1864 Palisades Drive, Carlsbad, CA 92008 (US).

(74) HULSE, Robert, A. et al. / etc.; Fenwick & West LLP, Silicon Valley Center, 801 California Street, Mountain View, CA 94041 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03D 3/00, H03H 7/21, 11/22

(11) WO 03/081767 (13) A1

(21) PCT/IB03/01125

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 102 13 423.5 26 Mar/mar 2002 DE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CIRCUIT ARRANGEMENT FOR SHIFTING THE PHASE OF AN INPUT SIGNAL AND CIRCUIT ARRANGEMENT FOR SUPPRESSING THE MIRROR FREQUENCY

• CIRCUIT DE DEPHASAGE D'UN SIGNAL ENTRANT ET CIRCUIT DE SUPPRESSION DE LA FREQUENCE MIROIR

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE). (only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). (for all designated States except / pour tous les États désignés sauf DE US)

(72, 75) DICK, Burkhard [DE/DE]; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(74) VOLMER, Georg; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H03F

(11) WO 03/081768 (13) A2

(21) PCT/US03/07561

(22) 13 Mar/mar 2003 (13.03.2003)

(25) en (26) en

(30) 60/365,797 21 Mar/mar 2002 US (21.03.2002)

(30) 60/365,811 21 Mar/mar 2002 US (21.03.2002)

(30) 60/365,775 21 Mar/mar 2002 US (21.03.2002)

(30) 10/174,728 19 Jun/juin 2002 US (19.06.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IMPROVING THE EFFICIENCY OF POWER AMPLIFIERS IN DEVICES USING TRANSMIT BEAMFORMING

• AMELIORATION DU RENDEMENT D'AMPLIFICATEURS DE PUISSANCE DANS DES DISPOSITIFS A FORMATION DE VOIES D'EMISSION

(71) COGNIO, INC. [US/US]; 101 Orchard Ridge Drive, Suite 350, Gaithersburg, MD 20878 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUGAR, Gary, L. [US/US]; 15307C Diamond Cove Terrace, Rockville, MD 20850 (US). VAIDYANATHAN, Chandra [IN/US]; 10411 Montrose Avenue #202, Bethesda, MD 20814 (US). LUO, Sifen [US/US]; 13309 Deerbook Drive, Potomac, MD 20854 (US).

(74) FLOAM, D., Andrew; Cognio, Inc., Intellectual Property Counsel, 101 Orchard Ridge Drive, Suite 350, Gaithersburg, MD 20878 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03F

(11) WO 03/081769 (13) A2

(21) PCT/US03/08069

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/365,603 18 Mar/mar 2002 US (18.03.2002)

(30) Not furnished / non communiqué 17 Mar/mar 2003 US (17.03.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ACTIVITY DETECTOR CIRCUIT
• CIRCUIT DETECTEUR D'ACTIVITE

(71) XANOPTIX, INC. [US/US]; 10 Al Paul Lane, Merrimack, NH 03054 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIAMILEV, Fouad [US/US]; 12 Longacre Court, Hockessin, DE 19707 (US). WYMAN, Theodore, Ted, J. [US/US]; 37 Frankestown TPK, Mont Vernon, NH 03057 (US).

(74) STRAUSSMAN, Richard; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03F 1/26

(11) WO 03/081770 (13) A1

(21) PCT/US03/03873

(22) 7 Feb/fév 2003 (07.02.2003)

(25) en (26) en

(30) 10/101,192 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR PROVIDING CARRIER CANCELLATION IN A FEED FORWARD AMPLIFIER CIRCUIT

• PROCEDE ET APPAREIL PERMETTANT DE REALISER L'ANNULATION DE PORTEUSE DANS UN CIRCUIT AMPLIFICATEUR A CORRECTION AVAL

(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) MATZ, John.; 7079 West Avenue, Hanover Park, IL 60103 (US).

(74) PACE, Lalita W., 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H03F 1/30

(11) WO 03/081771 (13) A1

(21) PCT/GB03/01167

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 0206571.2 20 Mar/mar 2002 GB (20.03.2002)

(30) 0218920.7 15 Aug/août 2002 GB (15.08.2002)

(30) 0304053.2 24 Feb/fév 2003 GB (24.02.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A BIAS CIRCUIT FOR A BIPOLAR TRANSISTOR

• CIRCUIT DE POLARISATION POUR UN TRANSISTOR BIPOLAIRE

(71) **ROKE MANOR RESEARCH LIMITED** [GB/GB]; Old Salisbury Lane, Romsey, Hampshire SO51 0ZN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BIRBECK, John, David** [GB/GB]; 15 Seacroft Avenue, Barton-on-Sea, New Milton, Hampshire BH25 7NY (GB).

(74) **FRENCH, Clive, Harry**; Siemens AG, P.O. Box 22 16 34, 80506 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 OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03F 1/30, 1/02

(11) WO 03/081772 (13) A1

(21) PCT/GB03/01309

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 0206571.2 20 Mar/mar 2002 GB (20.03.2002)

(30) 0218920.7 15 Aug/août 2002 GB (15.08.2002)

(30) 0304053.2 24 Feb/fév 2003 GB (24.02.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • OPTIMISING POWER CONSUMPTION IN AMPLIFIERS

• OPTIMISATION DE LA CONSOMMATION D'ENERGIE DANS DES AMPLIFICATEURS

(71) **ROKE MANOR RESEARCH LIMITED** [GB/GB]; Roke Manor, Old Salisbury Lane, Romsey, Hampshire SO51 0ZN (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BIRKBECK, John, David** [GB/GB]; 15 Seacroft Avenue, Barton-on-Sea, New Milton, Hampshire BH25 7NY (GB).

(74) **FRENCH, Clive et al. / etc.**; Siemens Plc, P O Box 22 16 34, 80506 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H03H 9/64

(11) WO 03/081773 (13) A1

(21) PCT/DE03/00980

(22) 25 Mar/mar 2003 (25.03.2003)

(25) de (26) de

(30) 102 13 277.1 25 Mar/mar 2002 DE (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FILTER COMPRISING ACOUSTICALLY COUPLED RESONATORS
• FILTRE COMPORTANT DES RESONATEURS COUPLES DE FAÇON ACOUSTIQUE

(71) **EPCOS AG** [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).
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(72, 75) **BAUER, Thomas** [DE/DE]; Therese-Giehse-Allee 40, 81739 München (DE).
HASHIMOTO, Ken-ya [JP/JP]; 4-31-1-411 Futawa-nishi, Funabashi-shi, Chiba 274-0806 (JP).
ROESLER, Ulrike [DE/DE]; Brunnenweg 9, 85435 Erding (DE).
RUILE, Werner [DE/DE]; Klarastr. 5a, 80636 München (DE).
MEISTER, Veit [DE/DE]; Gerhard-Hauptmann-Str. 62, 15345 Kagel (DE).
KUHRAU, Heide [DE/DE]; Schlegelstr. 10, 81369 München (DE).
JAKOB, Michael [DE/DE]; Brecherspitzstr. 4, 81541 München (DE).

(74) **EPPING HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH**; Riddlerstrasse 55, 80339 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ H03H 17/06

(11) WO 03/081774 (13) A1

(21) PCT/EP02/12268

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 0206959.9 22 Mar/mar 2002 GB (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ASYNCHRONOUS SAMPLING RATE CONVERSION

• CONVERSION A VITESSE D'ECHANTILLONNAGE ASYNCHRONE

(71) **MOTOROLA INC** [US/US]; 1303 E. Algonquin Road, Schaumburg, IL 60196 (US).
MOTOROLA LIMITED [GB/GB]; Jays Close, Viabes Industrial Estate, Basingstoke, Hampshire RG22 4PD (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAHAN, Odi** [IL/IL]; 2 Lotem St, 44813 Oranit (IL).

(74) **LITCHFIELD, Laura**; Motorola European Intellectual, Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03K 5/00, H03L 7/00, H03K 3/86, H04L 7/033, G06F 1/08

(11) WO 03/081775 (13) A1

(21) PCT/US03/08067

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 10/101,305 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR DIGITAL FREQUENCY CONVERSION

• PROCEDE ET APPAREIL POUR CONVERSION DE FREQUENCE NUMERIQUE

(71) **GENISIS MICROCHIP, INC.** [US/US]; 2150 Gold Street, Alviso, CA 95002 (US).

(71, 72) **GRUSHIN, Stanislav** [RU/US]; 1562 Birchmeadow Court, San Jose, CA 95131 (US).

(74) **FERRAZANO, Michael, J.**; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03K 17/61, 17/691

(11) WO 03/081776 (13) A1

(21) PCT/EP03/50067

(22) 17 Mar/mar 2003 (17.03.2003)

(25) de (26) de

(30) 202 04 558.7 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DRIVER CIRCUIT FOR CONTROLLING ELEMENTS WITH CAPACITIVE CONTROL CHARACTERISTICS

- CIRCUIT D'EXCITATION DESTINE A L'EXCITATION D'ELEMENTS PRESENTANT UNE CARACTERISTIQUE D'EXCITATION CAPACITIVE

(71, 72) KRESS, EKKEHARD [DE/DE]; Marienplatz 19, 83512 Wasserburg (DE).

(74) OBERHARDT, KNUT; Eichenweg 2, 83607 Holzkirchen-Foehching (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ H03K 17/785

(11) WO 03/081777 (13) A1

(21) PCT/IB03/00751

(22) 26 Feb/fév 2003 (26.02.2003)

(25) en (26) en

(30) 02076186.2 26 Mar/mar 2002 EP (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • OPTOELECTRONIC RECEIVER CIRCUIT FOR DIGITAL COMMUNICATION

- CIRCUIT RECEPTEUR OPTOELECTRONIQUE POUR COMMUNICATION NUMERIQUE

(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) BEIJ, Marcel [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BUIJ, Arnold, W. [NL/NL]; c/o 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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03K 17/968, B60Q 1/14, G01D 5/34

(11) WO 03/081778 (13) A1

(21) PCT/EP03/02933

(22) 20 Mar/mar 2003 (20.03.2003)

(25) de (26) de

(30) 102 12 824.3 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DEVICE FOR THE OPTOELECTRONIC DETECTION OF SWITCHING POSITIONS OF A SWITCHING ELEMENT

- DISPOSITIF DE DETECTION OPTOELECTRONIQUE DE POSITIONS DE COMMUTATION D'UN MOYEN DE COMMUTATION

(71) LEOPOLD KOSTAL GMBH & CO. KG [DE/DE]; Patentabteilung, Wiesenstr. 47, 58507 Lüdenscheid (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOEHNE, Gregor [DE/DE]; Ringstr. 49d, 44575 Castrop-Rauxel (DE). PALMOWSKI, Alfred [DE/DE]; Gösselnhof 7, 58093 Hagen (DE).

(74) LEOPOLD KOSTAL GMBH & CO. KG; Patentabteilung, Wiesenstr. 47, 58507 Lüdenscheid (DE).

(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 SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK).

Published / Publiée : (c)

(51)⁷ H03L 7/08, 7/091, 7/099, H04L 7/033, G06F 1/08, H03K 5/135

(11) WO 03/081779 (13) A1

(21) PCT/US03/07707

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 10/100,803 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FREQUENCY CONVERTER AND METHODS OF USE THEREOF

- CONVERTISSEUR DE FREQUENCE ET PROCÉDES D'UTILISATION DE CE CONVERTISSEUR

(71) GENESIS MICROCHIP, INC. [US/US]; 2150 Gold Street, Alviso, CA 95002 (US).

(71, 72) GRUSHIN, Stanislav [RU/US]; 1562 Birchmeadow Court, San Jose, CA 95131 (US).

(74) FERRAZANO, Michael, J.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03M

(11) WO 03/081780 (13) A2

(21) PCT/US03/08010

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 60/366,196 21 Mar/mar 2002 US (21.03.2002)

(30) 60/366,292 21 Mar/mar 2002 US (21.03.2002)

(30) 10/384,328 7 Mar/mar 2003 US (07.03.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • HIERARCHICAL IDENTITY-BASED ENCRYPTION AND SIGNATURE SCHEMES

- CODAGE FONDE SUR UNE IDENTITE HIERARCHIQUE ET PROGRAMMES DE SIGNATURE

(71) DOCOMO COMMUNICATIONS LABORATORIES USA, INC. [US/US]; 181 Metro Drive, Suite 300, San Jose, CA 95110 (US).

(72) GENTRY, Craig, B.; 708 Muir Drive, Mountain View, CA 94041 (US). SILVERBERG, Alice; 181 Metro Drive, Suite 300, San Jose, CA 95110 (US).

(74) HORIE, Tadashi; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03M 1/06, 1/12, H04N 5/14

(11) WO 03/081781 (13) A1

(21) PCT/JP03/03240

(22) 18 Mar/mar 2003 (18.03.2003)

(25) ja (26) ja

(30) 2002-079960 22 Mar/mar 2002 JP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SEMICONDUCTOR INTEGRATED CIRCUIT

- CIRCUIT INTEGRE SEMI-CONDUCTEUR

(71) **THINE ELECTRONICS, INC.** [JP/JP]; 3-3-6, Nihombashi-Honcho, Chuo-ku, Tokyo 103-0023 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUJITA, Tatsuo** [JP/JP]; c/o THINE ELECTRONICS INC., 3-3-6, Nihombashi-Honcho, Chuo-ku, Tokyo 103-0023 (JP).

(74) **OSHIMA, Yumiko**; PATENT ATTORNEYS "SHINPO", 1-20-10-203, Takadanobaba, Shinjuku-ku, Tokyo 169-0075 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H03M 1/06, 1/10, 1/70

(11) WO 03/081782 (13) A1

(21) PCT/SE03/00449

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 0200940-5 25 Mar/mar 2002 SE (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A/D CONVERTER CALIBRATION

• ETALONNAGE D'UN CONVERTISSEUR A/N

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)** [SE/SE]; Telefonvägen 30, S-126 25 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JANSSON, Christer** [SE/SE]; Arrendegatan 31, S-583 31 Linköping (SE).

(74) **KRANSELL & WENNBORG AB**; Box 27834, S-115 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03M 7/30, 7/40, 7/42, G06F 17/27

(11) WO 03/081783 (13) A1

(21) PCT/LV03/00002

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) P-02-45 22 Mar/mar 2002 LV (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR LOSSLESS COMPRESSION AND DECOMPRESSION OF DATA

• PROCEDE ET APPAREIL DE COMPRESSION ET DECOMPRESSION SANS PERTE DE DONNEES

(71) **DATORU DROSIBAS TEHNOLOGIJAS, SIA** [LV/LV]; Elviras Str. 9c - 2, LV-1083 Riga (LV).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RIGERTS, Aldis** [LV/LV]; Abelu Str. 18, Siguldas pag., LV-2150 Rigas raj. (LV). **SHKESTERS, Valdis** [LV/LV]; F. Brivzemnieka Str. 10 - 4, LV-1004 Riga (LV).

(74) **PETERSONS, Armins**; Agency Petersona Patents, P.O.Box 61, LV-1010 Riga (LV).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H03M 7/42, H04N 7/24

(11) WO 03/081784 (13) A1

(21) PCT/JP03/03035

(22) 13 Mar/mar 2003 (13.03.2003)

(25) ja (26) ja

(30) 2002-088345 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • VARIABLE LENGTH ENCODING METHOD, VARIABLE LENGTH DECODING METHOD, STORAGE MEDIUM, VARIABLE LENGTH ENCODING DEVICE, VARIABLE LENGTH DECODING DEVICE, AND BIT STREAM

• PROCEDE DE CODAGE A LONGUEUR VARIABLE, PROCEDE DE DECODAGE A LONGUEUR VARIABLE, SUPPORT DE STOCKAGE, DISPOSITIF DE CODAGE A LONGUEUR VARIABLE, DISPOSITIF DE DECODAGE A LONGUEUR VARIABLE, TRAIN BINAIRE

(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) **KADONO, Shinya** [JP/JP]; 1-7-25-204, Koushienguchi, Nishinomiya-shi, Hyogo 663-8113 (JP). **MATSUI, Yoshinori** [JP/JP]; 341-1-604, Tuji Machi, Ikoma-shi, Nara 630-0212 (JP). **KONDO, Satoshi** [JP/JP]; 7-17, Otokoyamashigetsu, Yawata-shi, Kyoto 614-8361 (JP).

(74) **ONO, Yukio** et al. / etc.; South Forest Bldg., 1-4-19, Minamimori-machi, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03M 9/00

(11) WO 03/081785 (13) A1

(21) PCT/US03/08684

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 60/365,806 21 Mar/mar 2002 US (21.03.2002)

(30) 60/398,614 26 Jul/juil 2002 US (26.07.2002)

(30) 10/347,295 21 Jan/jan 2003 US (21.01.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PHYSICAL LAYER DEVICE HAVING AN ANALOG SERDES PASS THROUGH MODE

• DISPOSITIF DE COUCHE PHYSIQUE A MODE DE PASSAGE SERDES ANALOGIQUE

(71) **BROADCOM CORPORATION** [US/US]; 16215 Alton Parkway, Irvine, CA 92618-3616 (US).

(72) **CHAN, Kevin**; 2447 E. Oneida Street #1, Pasadena, CA 91107 (US). **LE, Michael**; 2752 Kathy Court, Laguna Niguel, CA 92677 (US). **HUFF, Gary**; 23455 Caminito Valle, Laguna Hills, CA 92653 (US).

(74) **SOKOHL, Robert**; Sterne, Kessler, Goldstein & Fox P.L.L.C., 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 HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ H03M 13/29, H04L 1/00

(11) WO 03/081786 (13) A1

(21) PCT/EP03/02942

(22) 20 Mar/mar 2003 (20.03.2003)

(25) de (26) de

(30) 02007030.6 27 Mar/mar 2002 EP (27.03.2002)

(30) 102 13 882.6 27 Mar/mar 2002 DE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR DECODING A DATA SEQUENCE THAT HAS BEEN ENCODED WITH THE HELP OF A BINARY CONVOLUTION CODE

• PROCEDE DE DECODAGE D'UNE SEQUENCE DE DONNEES CODEE A

L'AIDE D'UN CODE CONVOLUTION-
NEL BINAIRE

(71) **SIEMENS AKTIENGESELLSCHAFT**
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **FINN, Lutz** [DE/DE]; Konrad-Celtis-
Str. 11, 81369 München (DE). **RÖSSEL,**
Sabine [DE/DE]; Liscowstr. 1 B, 81739
München (DE). **STEIB, Gerhard** [DE/DE];
Eulenspiegelstr. 84 D, 81739 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ **H04B**

(11) **WO 03/081787** (13) A2

(21) PCT/IB03/00897

(22) **11 Mar/mar 2003 (11.03.2003)**

(25) en (26) en

(30) 10/105,320 **26 Mar/mar 2002 US**
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **RADIO FREQUENCY IDENTIFICA-
TION (RF-ID) BASED DISCOVERY
FOR SHORT RANGE RADIO COMMU-
NICATION**

• **DECOUVERTE POUR LA RADIO
COMMUNICATION A FAIBLE POR-
TEE BASEE SUR L'IDENTIFICATION
DE RADIOFREQUENCE**

(71) **NOKIA CORPORATION** [FI/FI];
Keilalahdentie 4, FIN-FIN-02150 Espoo
(FI). **NOKIA INC.** [US/US]; 6000 Con-
nection Drive, Irving, TX 75039 (US).

(72) **KOTOLA, Sakari**; Alppitie 10B,
FIN-02700 Kauniainen (FI). **HUSSMANN,**
Holger; Satakunnankatu 22E 125, FIN-33210
Tampere (FI).

(74) **REDMOND, Joseph, C.** et al. / etc.; c/o
Morgan & Finnegan, LLP, 345 Park Avenue,
New York, NY 10154-0053 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ **H04B**

(11) **WO 03/081788** (13) A2

(21) PCT/US03/08006

(22) **18 Mar/mar 2003 (18.03.2003)**

(25) en (26) en

(30) 10/100,452 **18 Mar/mar 2002 US**
(18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **ADAPTIVE BEAMFORMING IN A
WIRELESS COMMUNICATION SYS-
TEM**

• **MISE EN FORME ADAPTATIVE DU
FAISCEAU DANS UN SYSTEME DE
COMMUNICATION SANS FIL**

(71) **SIEMENS INFORMATION AND COM-
MUNICATION MOBILE LLC** [US/US];
16745 Wild Bernardo Drive, Suite 400, San
Diego, CA 92127 (US).

(72) **ROUPHAEL, Antoine J.**; 3503 Wild Oak
Lane, Escondido, CA 92027 (US).

(74) **MUSACCHIO, Pasquale** et al. / etc.;
Siemens Corporation - Intellectual Property
Dept., 170 Wood Ave. South, Iselin, NJ
08830 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ **H04B**

(11) **WO 03/081789** (13) A2

(21) PCT/US03/08602

(22) **20 Mar/mar 2003 (20.03.2003)**

(25) en (26) en

(30) 60/367,040 **21 Mar/mar 2002 US**
(21.03.2002)

(30) Not furnished / **19 Mar/mar 2003 US**
non communiqué **(19.03.2003)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **TUNABLE PULSE WIDTH GENERA-
TION OF RETURN-TO-ZERO FORMAT
FOR SYSTEM OPTIMIZATION**

• **PRODUCTION DE LARGEURS D'IM-
PULSIONS ACCORDABLES EN FOR-
MAT DE RETOUR A ZERO POUR L'OP-
TIMISATION SYSTEME**

(71) **UNIVERSITY OF SOUTHERN CALI-
FORNIA** [US/US]; 3716 South Hope Street,
Suite 313, Los Angeles, CA 90007-4344
(US).

(72) **YAN, Lianshan, S.**; 1144 W. 28th Street,
Apt. 4, Los Angeles, CA 90007 (US). **MOT-
GHIAN, Reza**; 817 W. 23rd Street, Apt. #4,

Los Angeles CA 90007 (US). **WILLNER,**
Alan, E.; 9326 Sawyer Street, Los Angeles,
CA 90035 (US).

(74) **MAHURIN, Jerry, L.** et al. / etc.; Fulbright
& Jaworski L.L.P., Suite 2800, 2200 Ross Av-
enue, Dallas, TX 75201-2784 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ **H04B 1/02, H05C 1/04, A01K 79/02**

(11) **WO 03/081790** (13) A1

(21) PCT/AU03/00359

(22) **26 Mar/mar 2003 (26.03.2003)**

(25) en (26) en

(30) PS 1362 **26 Mar/mar 2002 AU**
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • **ELECTRICAL INSULATING DEVICE**

• **DISPOSITIF ISOLANT ELECTRIQUE**

(71) **SEACHANGE TECHNOLOGY HOLD-
INGS PTY LTD** [AU/AU]; 3A Rowells
Road, Lockleys, S.A. 5032 (AU).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **WESCOMBE-DOWN, Michael**
[AU/AU]; 16 David Avenue, Glenelg North,
S.A. 5045 (AU).

(74) **MADDERN, Level 1, 64 Hindmarch
Square, Adelaide, South Australia 5000**
(AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ **H04B 1/04, 7/26, H04J 13/00**

(11) **WO 03/081791** (13) A1

(21) PCT/JP03/02571

(22) **5 Mar/mar 2003 (05.03.2003)**

(25) ja (26) ja

(30) 2002-059645 **6 Mar/mar 2002 JP**
(06.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • TRANSMISSION POWER CONTROL APPARATUS AND METHOD THEREOF
• APPAREIL DE COMMANDE DE PUISSANCE D'EMMISSION ET PROCEDE ASSOCIE
- (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) MAEZAWA, Ikuo [JP/JP]; c/o NEC Saitama, Ltd., 300-18, Aza Toyohara, Oaza Motohara, Kamikawamachi, Kodama-gun, Saitama 367-0297 (JP).
- (74) MARUYAMA, Takao; c/o Maruyama Patent Office, SAM Building, 3 Floor, 38-23, Higashi-Ikebukuro 2-chome, Toshima-ku, Tokyo 170-0013 (JP).
- (81) BR CN KR SG US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ H04B 1/04, H03F 1/32
- (11) WO 03/081792 (13) A1
- (21) PCT/US03/03876
- (22) 7 Feb/fév 2003 (07.02.2003)
- (25) en (26) en
- (30) 10/101,903 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND APPARATUS USING BASE BAND TRANSFORMATION TO IMPROVE TRANSMITTER PERFORMANCE
• PROCEDE ET DISPOSITIF UTILISANT UNE TRANSFORMATION DE BANDE DE BASE POUR AMELIORER LES PERFORMANCES D'UN EMETTEUR
- (71) MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) PINCKLEY, Danny, Thomas; 4210 Fox Hollow Drive, Arlington, TX 76248 (US).
MCBEATH, Sean, Michael; 4829 Bridal Path Way, Keller, TX 76248 (US).
- (74) MAY, Steven, A. 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04B 1/04, H04L 27/04
- (11) WO 03/081793 (13) A1
- (21) PCT/US03/08005
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) en (26) en
- (30) 60/365,736 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SYSTEM AND METHOD FOR ELIMINATING SIGNAL ZERO CROSSINGS IN SINGLE AND MULTIPLE CHANNEL COMMUNICATION SYSTEMS
• SYSTEME ET PROCEDE POUR ELIMINER LES PASSAGES PAR ZERO DE SIGNAUX DANS DES SYSTEMES DE COMMUNICATION MONOVOIES ET MULTIVOIES
- (71) POWERWAVE TECHNOLOGIES, INC. [US/US]; 1801 E. St. Andrew Place, Santa Ana, CA 92705 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUNTON, Matthew, J. [US/US]; 1015 North Drury Court, Liberty Lake, WA 99019 (US).
- (74) HENTY, David, L.; Myers Dawes Andras & Sherman LLP, 19900 MacArthur Blvd., Suite 1150, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04B 1/10
- (11) WO 03/081794 (13) A1
- (21) PCT/JP03/03275
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) ja (26) ja
- (30) 2002-84795 26 Mar/mar 2002 JP (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • NOISE REMOVING CIRCUIT AND SIGNAL PROCESSING CIRCUIT
• CIRCUIT DE SUPPRESSION DU BRUIT ET CIRCUIT DE TRAITEMENT DES SIGNAUX
- (71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI [JP/JP]; 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP). NIIGATA SEIMITSU CO., LTD. [JP/JP]; 5-13, Nishishiro-cho 2-chome, Joetsu-shi, Niigata 943-0834 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AOYAMA, Takashi [JP/JP]; c/o KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP). MIYAGI, Hiroshi [JP/JP]; c/o NIIGATA SEIMITSU CO., LTD., 5-13, Nishishiro-cho 2-chome, Joetsu-shi, Niigata 943-0834 (JP).
- (74) OSUGA, Yoshiyuki; 3rd Fl., Nibancho Bldg., 8-20, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).
- (81) CN KR US.
- (84) EP (DE FR GB NL).
-
- (51)⁷ H04B 1/10
- (11) WO 03/081795 (13) A2
- (21) PCT/US03/08076
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) en (26) en
- (30) 60/365,399 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PASSIVE INTERMODULATION INTERFERENCE CONTROL CIRCUITS
• CIRCUITS DE COMMANDE DE L'INTERFERENCE D'INTERMODULATION PASSIVE
- (71) EMS TECHNOLOGIES, INC. [US/US]; 660 Engineering Drive, Norcross, GA 30092-2821 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MONTGOMERY, James, P. [US/US]; 238 Powers Cove, Marietta, GA 30067 (US). RUNYON, Donald, L. [US/US]; 7040 Devonhall Way, Duluth, GA 30097 (US). CARSON, James, Crawford [US/US]; 4720 Glen Level Drive, Sugar Hill, GE 30518 (US). DIMITROV, Bisser, N. [BG/US]; 316 Gwinnett Square Circle, Duluth, GE 30096 (US).
- (74) MEHRMAN, Michael, J.; Mehrman Law Office, P.C., One Premier Plaza, 5605 Glenridge Drive, Suite 795 B, Box 8, Atlanta, GA 30342 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ H04B 1/52
- (11) WO 03/081796 (13) A1
- (21) PCT/FR03/00781
- (22) 11 Mar/mar 2003 (11.03.2003)
- (25) fr (26) fr

(30) 02/03632 **22 Mar/mar 2002** FR
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • RADIOFREQUENCY DUPLEXING SYSTEM AND BROADCASTING OR COMMUNICATION SYSTEMS USING SAID SYSTEM

• SYSTEME DE DUPLEXAGE RADIO-FREQUENCE ET SYSTEMES DE DIFFUSION OU DE COMMUNICATION L'UTILISANT

(71) THALES [FR/FR]; 173, boulevard Haussmann, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DAVID, Jérôme [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil cedex (FR).
BLAISE, René [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil (FR).

(74) SIMON, Viviane et al. / etc.; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04B 1/69

(11) WO 03/081797 (13) A1

(21) PCT/CN02/00193

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A CODING METHOD TO CREATE GENERAL SPREAD SPECTRUM SEQUENCE WITH ZERO CORRELATION WINDOW

• PROCEDE DE CODAGE POUR LA CREATION D'UNE SEQUENCE D'ETALEMENT DE SPECTRE A FENETRE DE CORRELATION NULLE

(71) LINKAIR COMMUNICATIONS, INC. [US/US]; 2901 Tasman Drive, Suite 109, Santa Clara, CA 95054 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) XU, Shaojun [CN/CN]; Room 908 Sino-trans Plaza B. #A43, North Xizhimen Rd., Beijing 100044 (CN). GAO, Yan [CN/CN]; Room 908 Sino-trans Plaza B. #A43, North Xizhimen Rd., Beijing 100044 (CN). LI, Daoben [CN/CN]; Room 908 Sino-trans Plaza B. #A43, North Xizhimen Rd., Beijing 100044 (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ H04B 1/707

(11) WO 03/081798 (13) A1

(21) PCT/FR03/00744

(22) 7 Mar/mar 2003 (07.03.2003)

(25) fr (26) fr

(30) 02/03633 **22 Mar/mar 2002** FR
(22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR TREATING A SIGNAL IN THE PRESENCE OF INTERFERENCE

• PROCEDE DE TRAITEMENT DE SIGNAL EN PRESENCE D'INTERFERENCES

(71) THALES [FR/FR]; 173, boulevard Haussmann, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COATANTIEC, Blandine [FR/FR]; Thales Intellectual Property, 31-33 Avenue Aristide Briand, F-94117 Arcueil Cedex (FR).
REVOL, Marc [FR/FR]; Thales Intellectual Property, 31/33 Avenue Aristide Briand, F-94117 Arcueil Cedex (FR).
MARTIN, Nicolas [FR/FR]; Thales Intellectual Property, 31/33 Avenue Aristide Briand, F-94117 Arcueil Cedex (FR).

(74) GUERIN, Michel et al. / etc.; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR).

(81) CA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ H04B 1/707

(11) WO 03/081799 (13) A1

(21) PCT/JP03/02739

(22) 7 Mar/mar 2003 (07.03.2003)

(25) ja (26) ja

(30) 2002/62039 **7 Mar/mar 2002** JP
(07.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • VARIABLE COMMUNICATION SYSTEM

• SYSTEME DE COMMUNICATION VARIABLE

(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) NAWATA, Hizuru [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (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) AU CA CN KR NO SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04B 1/713, H04L 12/28

(11) WO 03/081800 (13) A1

(21) PCT/DE03/00832

(22) 14 Mar/mar 2003 (14.03.2003)

(25) de (26) de

(30) 102 13 873.7 **27 Mar/mar 2002** DE
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMBINATION OF A FREQUENCY HOPPING METHOD AND OFDM

• COMBINAISON DU PROCEDE DE SAUTS DE FREQUENCE AVEC UN MULTIPLEXAGE OFDM

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEWANDOWSKI, Kai [DE/DE]; Alfred-Flender-Strasse 69, 46395 Bocholt (DE).
KRUK, Anton [DE/DE]; Martin-Luther-Strasse 1, 46499 Hamminkeln (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H04B 3/00

(11) WO 03/081801 (13) A1

(21) PCT/US03/08311

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 10/101,426 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PARAMETRIC RING EMITTER

• EMETTEUR ANNULAIRE PARAMETRIQUE

(71) AMERICAN TECHNOLOGY CORPORATION [US/US]; 13114 Evening Creek Drive South, San Diego, CA 92128 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) NORRIS, Elwood, G. [US/US]; 16101 Blue Crystal Trail, Poway, CA 92064 (US).
CROFT, James, J., III. [US/US]; 13633 Quiet Hills Drive, Poway, CA 92064 (US).
NORTH, Vaughn, W. [US/US]; 8180 South 700 East, Ste. 200, Sandy, UT 84070-0562 (US).

(74) THOMPSON, Clifton, W. et al. / etc.; Thorpe North & Western LLP, P.O. Box 1219, Sandy, UT 84091-1219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 5/00

(11) WO 03/081802 (13) A1

(21) PCT/IB03/01086

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 0206982.1 25 Mar/mar 2002 GB (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TEMPERATURE SENSITIVE RADIO FREQUENCY DEVICE

• APPAREIL A FREQUENCE RADIOELECTRIQUE SENSIBLE A LA TEMPERATURE

(71) MELEXIS NV [BE/BE]; Microelectronic Integrated Systems, Rozendaalstraat 12, B-8900 Leper (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEMAN, Dirk [BE/BE]; Felix Timmermansstraat 1, B-3200 Aarschot (BE).

(74) CROFT, Michael, John et al. / etc.; Wilson Gunn Skerrett, Charles House, 148/9 Great Charles Street, Birmingham B3 3HT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04B 7/02

(11) WO 03/081803 (13) A1

(21) PCT/KR03/00556

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 10-2002-0015358 21 Mar/mar 2002 KR (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • APPARATUS AND METHOD FOR TRANSMITTING SIGNAL IN MOBILE COMMUNICATION SYSTEM

• APPAREIL ET PROCEDE DE TRANSMISSION DE SIGNAL DANS UN SYSTEME DE COMMUNICATION MOBILE

(71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-Dong, Youngdungpo-Gu, Seoul 150-010 (KR).

(72) SIM, Dong-Hi; 1664-13, Sinlim 8-Dong, Gwanak-Gu, Seoul 151-903 (KR).

(74) PARK, Jang-won; Jewoo Bldg., 5th Floor, 200, Nonhyun-Dong, Gangnam-Ku, Seoul 135-050 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 7/02

(11) WO 03/081804 (13) A1

(21) PCT/KR03/00557

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 10-2002-0015361 21 Mar/mar 2002 KR (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • APPARATUS AND METHOD FOR TRANSMITTING SIGNAL IN MOBILE COMMUNICATION SYSTEM

• DISPOSITIF ET PROCEDE PERMETTANT DE TRANSMETTRE UN SIGNAL DANS UN SYSTEME DE COMMUNICATION MOBILE

(71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-Dong, Youngdungpo-Gu, Seoul 150-010 (KR).

(72) SIM, Dong-Hi; 1664-13, Sinlim 8-Dong, Gwanak-Gu, Seoul 151-903 (KR).
KIM, Bong-Hoe; Jugong Apt. 111-204, Bono-Dong, Ansan, Kyungki-Do 426-734 (KR).

(74) PARK, Jang-won; Jewoo Bldg., 5th Floor, 200, Nonhyun-Dong, Gangnam-Ku, Seoul 135-050 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 7/06, H01Q 3/26

(11) WO 03/081805 (13) A1

(21) PCT/IP03/01791

(22) 19 Feb/fév 2003 (19.02.2003)

(25) ja (26) ja

(30) 2002-88967 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MULTI-BEAM ANTENNA TRANSMITTER/RECEIVER AND TRANSMITTING/RECEIVING METHOD AND TRANSMISSION BEAM SELECTION METHOD

• EMETTEUR/RECEPTEUR A ANTENNE MULTI-FAISCEAUX, PROCEDE D'EMISSION/RECEPTION ET PROCEDE DE SELECTION DE FAISCEAU D'EMISSION

(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) MARUTA, Yasushi [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (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) AU CA CN KR NO SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ H04B 7/10, 7/26, H01Q 3/26

(11) WO 03/081806 (13) A1

(21) PCT/IP03/02883

(22) 11 Mar/mar 2003 (11.03.2003)

- (25) ja (26) ja
- (30) 2002-81375 **22 Mar/mar 2002 JP (22.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • RADIO DEVICE, SPATIAL PATH CONTROL METHOD, AND SPATIAL PATH CONTROL PROGRAM
- DISPOSITIF RADIO, PROCEDE ET PROGRAMME DE COMMANDE CANAL SPATIAL
- (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) DOI, Yoshiharu [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).
- (74) FUKAMI, Hisao et al. / etc.; Fukami Patent Office, Mitsui Sumitomo Bank Minamimorimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ H04B 7/26, H04J 3/06
- (11) WO 03/081807 (13) A1
- (21) PCT/DE03/00545
- (22) 21 Feb/fév 2003 (21.02.2003)
- (25) de (26) de
- (30) 102 13 262.3 **25 Mar/mar 2002 DE (25.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DEVICE AND METHOD FOR REGULATING A TRANSMISSION MOMENT OF A CONTINUOUS TRANSMISSION SIGNAL
- DISPOSITIF ET PROCEDE DE REGULATION DU MOMENT D'EMISSION D'UN SIGNAL D'EMISSION CONTINU
- (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) DENK, Robert [DE/DE]; Sudetenstrasse 11, 85567 Grafing (DE). WENZEL, Dietmar [DE/DE]; Am Jagdweg 2, 81549 München (DE). WÜRTH, Robert [DE/DE]; Ottilienstrasse 55a, 81827 München (DE).
- (74) LAMBSDORFF, Matthias; Patentanwälte Lambsdorff & Lange, Dingolfinger Strasse 6, 81673 München (DE).
- (81) CN JP US.
- (84) EP (DE FR GB IT).
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- (51)⁷ H04B 7/26, 7/06, H01Q 3/26
- (11) WO 03/081808 (13) A1
- (21) PCT/JP03/02884
- (22) 11 Mar/mar 2003 (11.03.2003)
- (25) ja (26) ja
- (30) 2002-81458 **22 Mar/mar 2002 JP (22.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • RADIO DEVICE, TRANSMISSION/RECEPTION DIRECTIVITY CONTROL METHOD, AND TRANSMISSION/RECEPTION DIRECTIVITY CONTROL PROGRAM
- DISPOSITIF RADIO, PROCEDE ET PROGRAMME DE COMMANDE DE DIRECTIVITE D'EMISSION/RECEPTION
- (71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). SANYO TELECOMMUNICATIONS CO., LTD. [JP/JP]; 1-1, Sanyo-cho, Daito-shi, Osaka 574-0035 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DOI, Yoshiharu [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). ISHIDA, Akira [JP/JP]; c/o SANYO TELECOMMUNICATIONS CO., LTD., 1-1, Sanyo-cho, Daito-shi, Osaka 574-0035 (JP).
- (74) FUKAMI, Hisao et al. / etc.; Fukami Patent Office, Mitsui Sumitomo Bank Minamimorimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04B 7/26, H04Q 7/30
- (11) WO 03/081809 (13) A1
- (21) PCT/JP03/03394
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) ja (26) ja
- (30) 2002-80993 **22 Mar/mar 2002 JP (22.03.2002)**
- (30) 2002-86114 **26 Mar/mar 2002 JP (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • BASE STATION APPARATUS AND SECTOR CONTROL METHOD
- STATION DE BASE ET METHODE DE COMMANDE DE SECTEUR
- (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) HAYASHI, Toshiro [JP/JP]; 3-19-7-A-201, Nobi, Yokosuka-shi, Kanagawa 239-0841 (JP). MIYA, Kazuyuki [JP/JP]; 5-26-25, Kamiasao, Asao-ku, Kawasaki-shi, Kanagawa 215-0021 (JP).
- (74) WASHIDA, Kimihito; 5th Floor, Shin-toshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04B 10/04
- (11) WO 03/081811 (13) A1
- (21) PCT/KR03/00519
- (22) 18 Mar/mar 2003 (18.03.2003)
- (25) ko (26) en
- (30) 10-2002-0016296 **26 Mar/mar 2002 KR (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INDOOR CDMA MOBILE COMMUNICATION SYSTEM FOR SIMULTANEOUSLY SUPPLYING A TRAFFIC SIGNAL, CONTROL SIGNAL AND GPS SIGNAL USING A LAN CABLE AND CONTROL METHOD THEREOF
- SYSTEME DE COMMUNICATION MOBILE AMCR, ACHEMINANT SIMULTANEMENT DES SIGNAUX DE TRAFFIC, DES SIGNAUX DE COMMANDE ET DES SIGNAUX GPS EN UTILISANT LE CABLE D'UN RLE, ET SON PROCEDE DE GESTION
- (71) AIRPOINT CO., LTD [KR/KR]; Korea Industrial Bank 3F, 946, Dunsan-dong, Seo-gu, 302-120 Daejeon (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHOI, Joong-Han [KR/KR]; 205-2404, Beodeunae Dongyang Apt., Taepyeong 2-dong, Chung-gu, 301-781 Daejeon (KR).
- (74) LEE, Sang-Chan et al. / etc.; Honesty & Patent, Kukdong Bldg. 20F, 60-1, Chungmuro 3-ka, Chung-gu, 100-705 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (25) ko (26) en
(30) 10-2002-0015987 25 Mar/mar 2002 KR (25.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • METHOD OF UP-CONVERSION OF ALL-OPTICAL SIGNAL THROUGH CROSS-GAIN MODULATION IN SEMI-CONDUCTOR OPTICAL AMPLIFIER AND APPARATUS THEREOF
• PROCEDE DE TRANSPOSITION DE SIGNAL TOUT OPTIQUE PAR TRANSMODULATION DE GAIN DANS UN AMPLIFICATEUR OPTIQUE A SEMI-CONDUCTEUR, ET APPAREIL CORRESPONDANT
(71) YONSEI UNIVERSITY [KR/KR]; Yonsei University, 134, Sinchon-Dong, Seodaemun-Gu, Seoul 120-749 (KR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) CHOI, Woo-Young [KR/KR]; 2-701 Kwangnam Caesbil, 512-5 Changchun-Dong, Seodaemun-Gu, Seoul 120-836 (KR). SEO, Young-Kwang [KR/KR]; 139-5 (5/4) Bakdal-Dong, Manan-Gu, Anyang, Gyunggi 430-802 (KR). CHOI, Chang-Soon [KR/KR]; 175-8 Poi-Dong, Gangnam-Gu, Seoul 135-961 (KR).
(74) PARK, Sungmin; 3F. Dongbo Bldg., 647-8 Yoksam-Dong, Gangnam-Gu, Seoul 135-080 (KR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(51)⁷ H04B 10/155, H01S 5/0687
(11) WO 03/081812 (13) A1
(21) PCT/IL03/00210
(22) 13 Mar/mar 2003 (13.03.2003)
(25) en (26) en
(30) 148810 21 Mar/mar 2002 IL (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • STABILIZING OPTICAL SOURCES IN A COMMUNICATION SYSTEM
• STABILISATION DE SOURCES OPTIQUES DANS UN SYSTEME DE COMMUNICATIONS
(71) AXONLINK (BVI) CORPORATION [GB/GB]; Craigmuir Chambers, P.O.Box 71, Road Town, Tortola, British Virgin Islands, Tortola (VG). AXONLINK (ISRAEL) LTD. [IL/IL]; 6 Hayozma Street, 44641 Kfar Sava (IL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) ASHKENAZI, Alon [IL/IL]; 12 Shoshan Zachor Street, Modiein 71700 (IL).
(74) INGEL, Gil et al. / etc.; ECI TELECOM LTD., Patent and Trademark Dept., 30 Hativim Street, 49517 Petach Tikva (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(11) WO 03/081813 (13) A2
(21) PCT/DE03/00969
(22) 24 Mar/mar 2003 (24.03.2003)
(25) de (26) de
(30) 102 13 045.0 22 Mar/mar 2002 DE (22.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • OPTICAL FIBER RECEIVER HAVING AN INCREASED BANDWIDTH
• RECEPTEUR A FIBRES OPTIQUES PRESENTANT UNE MEILLEURE BANDE PASSANTE
(71) MELEXIS GMBH [DE/DE]; Haarb-bergstrasse 67, 99097 Erfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) ZIMMERMANN, Horst [DE/AT]; Heinrich-Collin-Str. 29-31, Stiege 3/6, A-1140 Wien (AT). FOERTSCH, Michael [AT/AT]; Linzerstr. 192/1/7, A-1140 Wien (AT). PLESS, Holger [DE/DE]; Zum Warte Turm 240, 99100 Bismstätt (DE).
(74) LEONHARD, Reimund et al. / etc.; Leonhard Olgemoeller Fricke, Postfach 10 09 62, 80083 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
Published / Publiée : (c)
(51)⁷ H04B 10/158, H01S 5/0687
(11) WO 03/081812 (13) A1
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(22) 13 Mar/mar 2003 (13.03.2003)
(25) en (26) en
(30) 148810 21 Mar/mar 2002 IL (21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE
• SYSTEME DE TRANSMISSION OPTIQUE METTANT EN OEUVRE UN DISPOSITIF A CONJUGAISON OPTIQUE DE PHASE
(71) PIRELLI S.P.A. [IT/IT]; Viale Sarca, 222, I-20126 Milano (IT).
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(72, 75) ALBERTI, Francesco [IT/IT]; Via Dante, 41/C, I-22078 Turate (IT). MINZIONI, Paolo [IT/IT]; Viale Golgi, I-27100 Pavia (IT). SCHIFFINI, Alessandro [IT/IT]; Via Trento, 22, I-10018 Pavone Cavanese (IT).
(74) BATTIPEDE, Francesco et al. / etc.; Pirelli S.p.A., Viale Sarca, 222, I-20126 Milano (IT).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM 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 HU 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)⁷ H04B 10/18
(11) WO 03/081815 (13) A1
(21) PCT/EP02/03251
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE
• SYSTEME DE TRANSMISSION OPTIQUE METTANT EN OEUVRE UN DISPOSITIF A CONJUGAISON OPTIQUE DE PHASE
(71) PIRELLI S.P.A. [IT/IT]; Viale Sarca, 222, I-20126 Milano (IT).
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(72, 75) ALBERTI, Francesco [IT/IT]; Via Dante, 41/C, I-22078 Turate (IT). MINZIONI, Paolo [IT/IT]; Viale Golgi,

- 2, I-27100 Pavia (IT). SCHIFFINI, Alessandro [IT/IT]; Via Trento, 22, I-10018 Pavone Canavese (IT).
- (74) BATTIPEDE, Francesco et al. / etc.; Pirelli S.p.A., Viale Sarca, 222, I-20126 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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)⁷ H04H 1/00, H04Q 7/22, 7/38
- (11) WO 03/081816 (13) A1
- (21) PCT/JP03/03410
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 2002-080343 22 Mar/mar 2002 JP (22.03.2002)
- (30) 2003-037888 17 Feb/fév 2003 JP (17.02.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND APARATUS FOR RECEIVING BROADCAST PROGRAMS AND DETECTING A CHANGE IN PROGRAM INFORMATION
- PROCEDE ET APPAREIL POUR RECEVOIR DES EMISSIONS RADIODIFFUSEES, ET POUR DETECTER UNE MODIFICATION DES INFORMATIONS SUR LES EMISSIONS
- (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) ITOH, Tomoaki [JP/JP]; 3-7-11-302, Minamiikuta, Tama-ku, Kawasaki-shi, Kanagawa 214-0036 (JP). YAMAGUCHI, Takao [JP/JP]; 7-23-6-201, Tamagawagakuen, Machida-shi, Tokyo 194-0041 (JP). TAKEI, Ichiro [JP/JP]; 2-4-10-208, Matsunoki, Suginami-ku, Tokyo 166-0014 (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 NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04J 3/00, H04B 7/212
- (11) WO 03/081817 (13) A1
- (21) PCT/IB03/00517
- (22) 13 Feb/fév 2003 (13.02.2003)
- (25) en (26) en
- (30) 10/104,847 22 Mar/mar 2002 US (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND APPARATUS PROVIDING MULTIPLE TEMPORARY BLOCK FLOW (TBF) MAPPING TO UPPER LAYER WHEN OPERATING IN GSM/EDGE RADIO ACCESS NETWORK (GERAN) A/Gb MODE
- PROCEDE ET DISPOSITIF DE REALISATION DE MISES EN CORRESPONDANCES MULTIPLES EN MODE TBF AVEC UNE COUCHE SUPERIEURE PENDANT UN FONCTIONNEMENT EN MODE GERAN A/Gb
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). *(for all designated States except / pour tous les États désignés sauf BB)*
- (71) NOKIA INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US). *(only for / seulement pour BB)*
- (72) FORSSELL, Mika, K.; Korpimaa 3i, FIN-02300 Espoo (FI). PARANTAINEN, Janne; Tallberginkatu 3 as 34, FIN-00180 Helsinki (FI).
- (74) SMITH, Harry, F.; Harrington & Smith, LLP, 4 Research Drive, Shelton, CT 06484-6212 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04J 3/16, 3/08
- (11) WO 03/081818 (13) A1
- (21) PCT/IB03/01085
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) en (26) en
- (30) 10/107,936 27 Mar/mar 2002 US (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SIMPLIFIED BANDWIDTH HANDLING FOR SDH/SONET ACCESS RINGS
- GESTION SIMPLIFIEE DE LARGEUR DE BANDE POUR HIERARCHIE NUMERIQUE SYNCHRONE/RESEAU OPTIQUE SYNCHRONE (HNS/SONET)
- (71) ADC TELECOMMUNICATIONS ISRAEL LTD. [IL/IL]; 10 Ha'Sadnaot Street, 46728 Herzlia (IL).
- (72) KLIPPER, Joshua; 3A Harav Hachohen Hanazir Street, 42369 Netanya (IL).
- AGAMI, Udi; 14 Hanagid Street, 75482 Rishon Le Zion (IL). MERKUSHIN, Alexei; 18 Sokolov Street, 44256 Kfar-Saba (IL). BALAS, Uri; 4 Heshel Street, 42815 Pardesiya (IL).
- (74) REINHOLD COHN AND PARTNERS; P.O.Box 4060, 61040 Tel Aviv (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04J 3/16
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- (21) PCT/US03/09080
- (22) 20 Mar/mar 2003 (20.03.2003)
- (25) en (26) en
- (30) 10/104,737 20 Mar/mar 2002 US (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INFORMATION ROUTING DEVICE HAVING AN AUTO-CONFIGURATION FEATURE
- DISPOSITIF D'ACHEMINEMENT D'INFORMATION COMPORTANT UNE CARACTERISTIQUE D'AUTO-CONFIGURATION
- (71) ACTIONTEC ELECTRONICS, INC. [US/US]; 760 North Mary Avenue, Sunnyvale, CA 94086 (US).
- (72) XIONG, Bo; 40889 Marty Terrace, Fremont, CA 94539 (US). LI, Chuang; 19884 Charters Avenue, Saratoga, CA 95070 (US).
- (74) BEAMER, Norman, H. 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04J 3/24, H04L 12/56, H04Q 7/20
 (11) WO 03/081820 (13) A1
 (21) PCT/CN03/00173
 (22) 7 Mar/mar 2003 (07.03.2003)
 (25) zh (26) zh
 (30) 02 1 16509.2 27 Mar/mar 2002 CN
 (27.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • METHOD OF MOBILE COMMUNICATION SYSTEM WITH SMART ANTENNA
 • PROCEDE DE SYSTEME DE COMMUNICATION MOBILE AVEC ANTENNE INTELLIGENTE
- (71) DA TANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD. [CN/CN]; No.40 Xue Yuan Rd., Hai Dian District, Beijing 100083 (CN).
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- (72, 75) LI, Shihe [CN/CN]; No.40 Xue Yuan Road, Hai Dian District, Beijing 100083 (CN). YANG, Guiliang [CN/CN]; No.40 Xue Yuan Road, Hai Dian District, Beijing 100083 (CN).
- (74) DEQI INTELLECTUAL PROPERTY LAW CORPORATION; 8 Fl., Golder Plaza, No.10 Huayuan-donglu, Haidian District, Beijing 100083 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04J 11/00
 (11) WO 03/081821 (13) A1
 (21) PCT/JP03/03292
 (22) 19 Mar/mar 2003 (19.03.2003)
 (25) ja (26) ja
 (30) 2002-086156 26 Mar/mar 2002 JP
 (26.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • MULTI-CARRIER TRANSMISSION APPARATUS AND MULTI-CARRIER TRANSMISSION METHOD
 • DISPOSITIF DE TRANSMISSION A PORTEUSES MULTIPLES, ET PROCEDE CORRESPONDANT
- (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) SUMASU, Atsushi [JP/JP]; 1-6-1-C401, Heisei-cho, Yokosuka-shi, Kanagawa 238-0013 (JP). FUTAGI, Sadaki [JP/JP]; 67-3, I, Naka-machi, Mikawa-machi, Ishikawa-gun, Ishikawa 929-0224 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04J 13/00, H03M 13/00
 (11) WO 03/081822 (13) A1
 (21) PCT/CN02/00194
 (22) 22 Mar/mar 2002 (22.03.2002)
 (25) en (26) en
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • A CODING METHOD TO CREATE MISMATCHED SPREAD SPECTRUM SEQUENCE WITH ZERO CORRELATION WINDOW
 • PROCEDE DE CODAGE POUR CREER UNE SEQUENCE SANS CONCORDANCE D'ETALEMENT DE SPECTRE AVEC FENETRE DE CORRELATIONS A ZERO
- (71) LINKAIR COMMUNICATIONS, INC. [US/US]; 2901 Tasman Drive, Suite 109, Santa Clara, CA 95054 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) XU, Shaojun [CN/CN]; Room 908 Sino-trans Plaza B.#A43, North Xizhimen Rd, Beijing 100044 (CN). GAO, Yan [CN/CN]; Room 908 Sino-trans Plaza B.#A43, North Xizhimen Rd, Beijing 100044 (CN). LI, Daoben [CN/CN]; Room 908 Sino-trans Plaza B.#A43, North Xizhimen Rd, Beijing 100044 (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 OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM 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 HU 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)⁷ H04J 13/02
 (11) WO 03/081823 (13) A1
 (21) PCT/SG03/00031
 (22) 25 Feb/fév 2003 (25.02.2003)
 (25) en (26) en
- (30) 10/090,370 4 Mar/mar 2002 US
 (04.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • CDMA SYSTEM WITH FREQUENCY DOMAIN EQUALIZATION
 • SYSTEME AMCR AVEC EGALISATION DANS LE DOMAINE DES FREQUENCES
- (71) THE NATIONAL UNIVERSITY OF SINGAPORE [SG/SG]; 10 Kent Ridge Crescent, Singapore 119260 (SG).
- (72) LIANG, Ying-Chang; 3707 Poinciana Dr., #75, Santa Clara, CA 95051 (US). CHIN, Po, Shin, François; Block 208 Serangoon Central, #02-228, Singapore 550208 (SG). MADHUKUMAR, Appukuttan, Nair, Saraswathy, Amma; Block 122 Jurong East St. 13, #06-23, Ivory Heights, Singapore 600122 (SG).
- (74) LAWRENCE Y D HO & ASSOCIATES PTE LTD; 30 Bideford Road, #07-01 Thongsia Building, Singapore 229922 (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04J 14/02, H04Q 11/00, H04J 14/06
 (11) WO 03/081824 (13) A1
 (21) PCT/DE03/00795
 (22) 12 Mar/mar 2003 (12.03.2003)
 (25) de (26) de
 (30) 102 12 649.6 21 Mar/mar 2002 DE
 (21.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • CROSS CONNECTOR FOR OPTICAL SIGNALS
 • REPARTITEUR POUR SIGNAUX OPTIQUES
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FISCHLER, Wolfgang [AT/DE]; Pfälzer Wald Str. 67, 81539 München (DE). HECKER, Nancy [US/DE]; Freibadstr. 15 Eg, 81543 München (DE). RICHTER, Alexander [DE/DE]; Argelsrieder Strasse 40A, 81475 München (DE). SCHAIRER, Wolfgang [DE/DE]; Plantagenweg 33, 85354 Freising (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AU CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ H04J 14/02, H04Q 11/00

(11) WO 03/081825 (13) A1

(21) PCT/GB03/01194

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(30) 0206564.7 20 Mar/mar 2002 GB
(20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • OPTICAL ACCESS METHOD AND OPTICAL ADD/CROP APPARATUS

- PROCEDE D'ACCES OPTIQUE ET SYSTEME AJOUT/RETRAIT DE NOEUD OPTIQUE

(71) COLONSAY COMMUNICATIONS LIMITED [GB/GB]; Suite 16, The Atrium Business Centre, North Caldeen Road, Coatbridge ML5 4EF (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUANG, Wei [CN/GB]; Colonsay Communications Limited, Suite 16, The Atrium Business Centre, North Caldeen Road, Coatbridge ML5 4EF (GB).

(74) KENNEDY PATENT AGENCY LIMITED; Floor 5, Queens House, 29 St. Vincent Place, Glasgow G1 2DT (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 GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 02007008.2 27 Mar/mar 2002 EP
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SUPERVISORY CHANNEL IN AN OPTICAL NETWORK SYSTEM

- CANAL DE CONTROLE DANS UN SYSTEME DE RESEAU OPTIQUE

(71) LIGHTMAZE AG [DE/DE]; Erbachshof 8, 97249 Eisingen (DE).

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(72, 75) JAHN, Elke [DE/DE]; Albrecht-Dürer-Strasse 198, 97204 Höchberg

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(74) DR. WEITZEL & PARTNER; Friedenstrasse 10, 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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L

(11) WO 03/081827 (13) A2

(21) PCT/US03/06764

(22) 5 Mar/mar 2003 (05.03.2003)

(25) en (26) en

(30) 60/365,345 18 Mar/mar 2002 US
(18.03.2002)(30) 10/243,228 13 Sep/sep 2002 US
(13.09.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR INDICATING THE PRESENCE OF A WIRELESS LOCAL AREA NETWORK BY DETECTING SIGNATURE SEQUENCES

- PROCEDE ET APPAREIL INDIQUANT LA PRESENCE D'UN RESEAU LOCAL HERTZIEN PAR DETECTION DE SEQUENCES DE SIGNATURE

(71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAMASWAMY, Kumar [IN/US]; 7701 TAMARRON DRIVE, PLAINSBORO, NJ 08536 (US). LITWIN, Louis, Robert [US/US]; 34-14 Quail Ridge Drive, Plainsboro, NJ 08536 (US). KNUTSON, Paul, Gothard [US/US]; 5 Huron Way, Lawrenceville, NJ 08648 (US). GAO, Wen [CN/US]; 2121 Quail Ridge Drive, Plainsboro, NJ 08536 (US). WANG, Charles, Chuanming [US/US]; 1504 Spearmint Circle, Jamison, PA 18929 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; c/o THOMSON multimedia Licensing Inc., 2 Independence Way Suite 2, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L

(11) WO 03/081828 (13) A2

(21) PCT/US03/06765

(22) 5 Mar/mar 2003 (05.03.2003)

(25) en (26) en

(30) 60/365,342 18 Mar/mar 2002 US
(18.03.2002)(30) 10/243,905 13 Sep/sep 2002 US
(13.09.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR DETECTING THE PRESENCE OF A WIRELESS LOCAL AREA NETWORK USING A POSITION LOCATION SYSTEM

- PROCEDE ET APPAREIL DE DETECTION DE LA PRESENCE D'UN RESEAU LOCAL HERTZIEN AU MOYEN D'UN SYSTEME DE REPERAGE DE POSITION

(71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAMASWAMY, Kumar [IN/US]; 7701 TAMARRON DRIVE, PLAINSBORO, NJ 08536 (US). LITWIN, Louis, Robert [US/US]; 34-14 Quail Ridge Drive, Plainsboro, NJ 08536 (US). KNUTSON, Paul, Gothard [US/US]; 5 Huron Way, Lawrenceville, NJ 08648 (US). GAO, Wen [CN/US]; 2121 Quail Ridge Drive, Plainsboro, NJ 08536 (US). WANG, Charles, Chuanming [US/US]; 1504 Spearmint Circle, Jamison, PA 18929 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; c/o THOMSON multimedia Licensing Inc., 2 Independence Way Suite 2, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L

(11) WO 03/081829 (13) A2

(21) PCT/US03/06918

(22) 6 Mar/mar 2003 (06.03.2003)

(25) en (26) en

(30) 10/099,812 18 Mar/mar 2002 US
(18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR REMOTE DIGITAL KEY GENERATION

- PROCEDE ET APPAREIL DESTINES A LA GENERATION A DISTANCE D'UNE CLE NUMERIQUE
- (71) **CHAOTICOM, INC.** [US/US]; 83 Lafayette Road, Hampton Falls, NH 03844 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHORT, Kevin** [US/US]; 3 Cormorant Circle, Durham, NH 03824 (US).
- (74) **SULLIVAN, Todd et al. / etc.;** Devine, Millimet & Branch, P.A., 111 Amherst St., Box 719, Manchester, NH 03105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L
- (11) **WO 03/081830** (13) A2
- (21) PCT/US03/07449
- (22) **12 Mar/mar 2003 (12.03.2003)**
- (25) en (26) en
- (30) 10/103,478 **21 Mar/mar 2002 US (21.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • XDSL MULTI-HYBRID MODEM WITH POWER SPECTRAL DENSITY SHAPING
- MODEM XDSL A HYBRIDES MULTIPLES A MISE EN FORME DE LA DENSITE SPECTRALE DE PUISSANCE
- (71) **WESTELL TECHNOLOGIES, INC.** [US/US]; 750 N. Commons Drive, Aurora, IL 60504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BELLA, Gregory, L.** [US/US]; 4011 Heron Court, Naperville, IL 60564 (US). **GILSDORF, Henry, L.** [US/US]; 1540 N. 38th Road, Earlville, IL 60518 (US). **PIT-SOULAKIS, George, N.** [US/US]; 14210 Pheasant Lane, Orland Park, IL 60467 (US).
- (74) **HARRIS, Brian, R.;** McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Suite 3200, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L
- (11) **WO 03/081832** (13) A2
- (21) PCT/US03/08377
- (22) **19 Mar/mar 2003 (19.03.2003)**
- (25) en (26) en
- (30) 60/365,737 **19 Mar/mar 2002 US (19.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND SYSTEM FOR CONDUCTING A TRANSACTION USING A PROXIMITY DEVICE
- NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04L
- (11) **WO 03/081831** (13) A2
- (21) PCT/US03/08312
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) en (26) en
- (30) 60/365,692 **18 Mar/mar 2002 US (18.03.2002)**
- (30) 60/365,561 **18 Mar/mar 2002 US (18.03.2002)**
- (30) 60/431,261 **6 Dec/déc 2002 US (06.12.2002)**
- (30) 10/391,489 **17 Mar/mar 2003 US (17.03.2003)**
- (30) 10/391,490 **17 Mar/mar 2003 US (17.03.2003)**
- (30) 10/391,513 **17 Mar/mar 2003 US (17.03.2003)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MINIATURIZED IMAGING DEVICE
- DISPOSITIF D'IMAGERIE MINIATURISE
- (71) **SARCOS INVESTMENT LC** [US/US]; 360 Wakara Way, Salt Lake City, UT 84108 (US).
- (72) **JACOBSEN, Stephen, C.;** 274 South 1200 East, Salt Lake City, UT 84108 (US). **DAVIS, Clark, C.;** 4564 Wallace Lane, Salt Lake City, UT 84117 (US). **MARKUS, David, T.;** 1799 South Wasatch Drive, Salt Lake City, UT 84108 (US). **MARCEAU, David, P.;** 1622 East Princeton Avenue, Salt Lake City, UT 84105 (US). **PENSEL, Ralph;** 2650 East Colemere Street, Sandy, UT 84092 (US).
- (74) **OAKESON, Gary, P. et al. / etc.;** Thorpe North & Western LLP, P.O. Box 1219, Sandy, UT 84109-1219 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04L
- (11) **WO 03/081833** (13) A2
- (21) PCT/US03/09228
- (22) **24 Mar/mar 2003 (24.03.2003)**
- (25) en (26) en
- (30) 60/366,714 **22 Mar/mar 2002 US (22.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FLOATING-GATE ANALOG CIRCUIT
- CIRCUIT ANALOGIQUE A GRILLE FLOTTANTE
- (71) **GEORGIA TECH RESEARCH CORPORATION** [US/US]; 505 10th Street, N.W., Atlanta, GA 30332-0415 (US).
- (72) **HALL, Tyson, S.;** 4300 Dalton Pike, Cleveland, TN 37323 (US). **HASLER, Paul;** 229 Spalding Gates Drive, Atlanta, GA 30328 (US). **ANDERSON, David, V.;** 3365 Waters Mill Drive, Alpharetta, GA 30022 (US). **SMITH, Paul, D.;** 1807-K Ashborough Circle, Marietta, GA 30067 (US). **KUCIC, Matthew, Raymond;** 3042 Sweet Flag Run, Austell, GA 30106 (US). **BROWN, Edgar, Alejandro;** Manzana "L" #16 Los Castanos, Caracas, DF 1040 Venezuela (VE).
- (74) **HORSTEMEYER, Scott, A.;** Thomas, Kayden, Horstemeier & Risley, L.L.P., Suite 1750, 100 Galleria Parkway, NW, Atlanta, GA 30339-5948 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 1/00, 1/16, 27/32

(11) WO 03/081834 (13) A1

(21) PCT/JP03/03396

(22) 20 Mar/mar 2003 (20.03.2003)

(25) ja (26) ja

(30) 2002-81271 22 Mar/mar 2002 JP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BASE STATION APPARATUS AND PACKET TRANSMISSION METHOD
• STATION DE BASE ET METHODE DE TRANSMISSION PAR PAQUETS

(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) 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 NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 1/06, H04B 7/02

(11) WO 03/081835 (13) A1

(21) PCT/CN02/00191

(22) 22 Mar/mar 2002 (22.03.2002)

(25) zh (26) zh

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A SELF-ADAPTING WEIGHTED SPACE TIME TRANSMITTING DIVERSITY RECEIVING METHOD AND SYSTEM THEREOF

• PROCEDE DE RECEPTION A AUTO-ADAPTATION DE LA DIVERSITE DE TRANSMISSION SPATIO-TEMPORELLE PONDEREE ET SYSTEME ASSOCIE

(71) HUAWEI TECHNOLOGIES CO., LTD. [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CAO, Aijun [CN/CN]; 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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ H04L 1/06, H04B 7/02

(11) WO 03/081836 (13) A1

(21) PCT/CN02/00192

(22) 22 Mar/mar 2002 (22.03.2002)

(25) zh (26) zh

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A SELF-ADAPTING WEIGHTED SPACE TIME TRANSMITTING DIVERSITY METHOD AND SYSTEM THEREOF

• PROCEDE DE DIVERSITE DE TRANSMISSION ESPACE-TEMPS PONDEREE AUTO-ADAPTATIF ET SYSTEME CORRESPONDANT

(71) HUAWEI TECHNOLOGIES CO., LTD. [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen 518057, Guangdong (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CAO, Aijun [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen 518057, Guangdong (CN). POPOVIC, Branislav, M. [SE/SE]; Haukadalsgatan 3, P.O. Box 54, 16494 Kista (SE).

(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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ H04L 1/18

(11) WO 03/081837 (13) A1

(21) PCT/CN02/00207

(22) 27 Mar/mar 2002 (27.03.2002)

(25) zh (26) zh

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AN AUTOMATIC REPEAT REQUEST ARQ ERROR CONTROL METHOD FOR DIFFERENT CHANNELS AND THE DEVICE THEREOF

• PROCEDE DE COMMANDE D'ERREUR A DEMANDE A REPETITION AUTOMATIQUE ARQ POUR DIFFERENTS CANAUX ET DISPOSITIF ASSOCIE

(71) LINKAIR COMMUNICATIONS, INC. [US/US]; 2901 Tasman Drive, Suite 109, Santa Clara, CA 95054 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WU, Xiaobin [CN/CN]; Room 908 Sinotrans Plaza B.#A43, North Xizhimen Rd., Beijing 100044 (CN). LIU, Xiaohua [CN/CN]; Room 908 Sinotrans Plaza B.#A43, North Xizhimen Rd., Beijing 100044 (CN). WU, Chengming [CN/CN]; Room 908 Sinotrans Plaza B.#A43, North Xizhimen Rd., Beijing 100044 (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ H04L 9/00, G06F 1/02, 7/58

(11) WO 03/081838 (13) A1

(21) PCT/IL02/00243

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • RANDOM DATA METHOD AND APPARATUS

• PROCEDE ET APPAREIL DE DONNEES ALEATOIRES

(71) KING GREEN LTD. [IL/IL]; P.O. Box 321, 20 600 Moshava Yokneam (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YANOVSKY, Eli [IL/IL]; 9 Harduf Street, 34 747 Haifa (IL).

(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) 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 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)⁷ H04L 9/32
 (11) WO 03/081839 (13) A1
 (21) PCT/CN03/00203
 (22) 19 Mar/mar 2003 (19.03.2003)
 (25) zh (26) zh
 (30) 02116339.1 26 Mar/mar 2002 CN (26.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A METHOD FOR IMPLEMENTING HANDSHAKING BETWEEN THE NETWORK ACCESSING DEVICE AND THE USER BASED ON 802.1X PROTOCOL
 • PROCEDE D'ETABLISSEMENT D'UNE LIAISON ENTRE LE DISPOSITIF D'ACCES AU RESEAU ET L'UTILISATEUR METTANT EN OEUVRE LE PROTOCOLE 802.1X
- (71) HUAWEI TECHNOLOGIES CO., LTD [CN/CN]; Intellectual Property Department, Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, 518057 Shenzhen, Guangdong Province (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LU, Ruixin [CN/CN]; Intellectual Property Department, Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, 518057 Shenzhen, Guangdong Province (CN).
- (74) UNITALEN ATTORNEYS AT LAW; Wang, Xueqiang, Rm. 30703, 7th Floor Scitech Place, No.22 Jian Guo Men Wai Ave., Chaoyang District, 100004 Beijing (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 9/32
 (11) WO 03/081840 (13) A1
 (21) PCT/GB03/00965
 (22) 7 Mar/mar 2003 (07.03.2003)
 (25) en (26) en
 (30) 0206429.3 19 Mar/mar 2002 GB (19.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND SYSTEM RELATING TO A NON-REPUDIATION MESSAGE EXCHANGE
 • PROCEDE ET SYSTEME ASSOCIES A UN ECHANGE DE MESSAGE DE NON REPUDIATION
- (71, 72) ABDULHAYOGLU, Melih [TR/GB]; 11 Northcote Street, Farsley, Leeds, West Yorkshire LS28 5AR (GB).
- (74) NEILL, Alastair, William et al. / etc.; Appleby 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 12/12
 (11) WO 03/081841 (13) A1
 (21) PCT/EP02/12276
 (22) 1 Nov/nov 2002 (01.11.2002)
 (25) en (26) en
 (30) 0206737.9 22 Mar/mar 2002 GB (22.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • REMOTE SWITCHING OF A COMMUNICATION DEVICE IN A COMMUNICATION NETWORK
 • COMMUTATION DISTANTE D'UN DISPOSITIF DE TELECOMMUNICATION DANS UN RESEAU DE TELECOMMUNICATION
- (71) MOTOROLA INC [US/US]; 1303 E. Algonquin Road, Schaumburg, IL 60196 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TEMPLE, Christopher [DE/DE]; Motorola GmbH, Halbeiter, 81829 Meuchen (DE). RAUSCH, Mathias [DE/DE]; Motorola GmbH, Halbeiter, 81829 Meuchen (DE).
- (74) LITCHFIELD, Laura; Motorola European Intellectual, Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 12/14, H04M 15/00, G06F 17/60
 (11) WO 03/081842 (13) A2
 (21) PCT/EP03/02751
 (22) 17 Mar/mar 2003 (17.03.2003)
 (25) en (26) en
 (30) 0207088.6 26 Mar/mar 2002 GB (26.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND SYSTEM FOR CONSTRUCTION AND COMMUNICATION OF DATA ON NETWORK ACCESS AND SERVICE TRANSACTIONS IN A TELECOMMUNICATION NETWORK
 • PROCEDE ET SYSTEME DE CONSTRUCTION ET DE COMMUNICATION DE DONNEES CONCERNANT DES TRANSACTIONS DE SERVICE ET D'ACCES RESEAU DANS UN RESEAU DE TELECOMMUNICATION
- (71) MOTOROLA INC [US/US]; 1303 E. Algonquin Road, Schaumburg, IL 60196 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FOSTER, Gerry [GB/GB]; 23 Reynolds Way, Swindon, Wiltshire SN25 4GF (GB). KHAN, Farah [GB/GB]; 26 Nightwood Copse, Peatmoor, Swindon, Wiltshire SN5 5DD (GB).
- (74) MCCORMACK, Derek, J.; Motorola European Intellectual, Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04L 12/14
 (11) WO 03/081843 (13) A1
 (21) PCT/EP03/03144
 (22) 26 Mar/mar 2003 (26.03.2003)
 (25) en (26) en
 (30) 0207258.5 27 Mar/mar 2002 GB (27.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CHARGING IN A COMMUNICATIONS NETWORK
 • FACTURATION DANS UN RESEAU DE COMMUNICATION
- (71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; SE-12625 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AHLBÄCK, Hans [FI/FI]; Axstigen 2 B 28, FI-20720 AURKU, FI-20720 Åbo (FI). HAKALA, Harri [FI/FI]; Rossinkatu 2 F 7,

FIN-20380 TURKU (FI). MATTILA, Leena [FI/FI]; Torpparinkatu 6 A 2, FIN-20780 Kaarina (FI).

(74) TONSCHEIDT, Andreas; Ericsson Eurolab Deutschland GmbH, Ericsson Allee 1, 52134 Herzogenrath (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04L 12/24

(11) WO 03/081844 (13) A1

(21) PCT/EP03/02474

(22) 11 Mar/mar 2003 (11.03.2003)

(25) de (26) de

(30) 102 12 936.3 22 Mar/mar 2002 DE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR PRODUCING A NETWORK-CONFIGURATION DATABASE
• PROCÉDE POUR LA CREATION D'UNE BASE DE DONNEES DE CONFIGURATION 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) HINTERBERGER, Gerald [AT/AT]; Max Frey Gasse 17, A-3400 Klosterneuburg (AT).

(74) BERG, Peter; 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 HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04L 12/24

(11) WO 03/081845 (13) A2

(21) PCT/EP03/03201

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 02007008.2 27 Mar/mar 2002 EP (27.03.2002)

(30) PCT/EP03/02704 14 Mar/mar 2003 EP (14.03.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • NETWORK MANAGEMENT SYSTEM
• SYSTEME DE GESTION DE RESEAU

(71) LIGHTMAZE AG [DE/DE]; Erbachshof 8, 97249 Eisingen (DE).

(72, 75) JAHN, Elke [DE/DE]; Albrecht-Dürer-Strasse 198, 97204 Höchberg

(DE). AGRAWAL, Niraj [IN/DE]; Albrecht-Dürer-Strasse 198, 97204 Höchberg (DE).

(74) DR. WEITZEL & PARTNER; Friedenstrasse 10, 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 OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/28, H04B 7/26, H04L 12/56

(11) WO 03/081846 (13) A1

(21) PCT/JP03/02666

(22) 6 Mar/mar 2003 (06.03.2003)

(25) ja (26) ja

(30) 2002-85714 26 Mar/mar 2002 JP (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • RADIO COMMUNICATION DEVICE, RADIO COMMUNICATION SYSTEM, RADIO COMMUNICATION METHOD, AND VEHICLE
• DISPOSITIF, SYSTEME ET PROCÉDE DE COMMUNICATION RADIO ET VEHICULE

(71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). TOYOTA INFO TECHNOLOGY CENTER, CO., LTD. [JP/JP]; 1-23, Nakameguro 2-chome, Meguro-ku, Tokyo 153-0061 (JP).

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(72, 75) MORINO, Hiroaki [JP/JP]; 42-8, Ichigaya Honmura-cho, Shinjuku-ku, Tokyo 162-8473 (JP).

(74) KAWAGUCHI, Yoshiyuki et al. / etc.; Yokoyama Buiding 6th floor, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04L 12/407

(11) WO 03/081847 (13) A1

(21) PCT/AT03/00066

(22) 10 Mar/mar 2003 (10.03.2003)

(25) de (26) de

(30) A 453/2002 22 Mar/mar 2002 AT (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • USE OF MEMBERSHIP-FREE SLOTS FOR DYNAMICALLY ALLOCATING BANDWIDTH

• UTILISATION D'EMPLACEMENTS SANS APPARTENANCE POUR L'ATTRIBUTION DYNAMIQUE DE LARGEUR DE BANDE

(71) TTTECH COMPUTERTECHNIK AKTIENGESELLSCHAFT [AT/AT]; Schönbrunner Strasse 7, A-10 Wien (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STÖGER, Georg [AT/AT]; Vinzenzgasse 28, A-1180 Wien (AT).

(74) MATSCHNIG, Franz; Siebensterngasse 54, A-1071 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04L 12/42, 12/403, H04Q 7/38

(11) WO 03/081848 (13) A1

(21) PCT/US03/08387

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/365,776 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AD-HOC CONTROL PROTOCOL GOVERNING USE OF AN UNLICENSED OR SHARED RADIO FREQUENCY BAND

• PROTOCOLE DE CONTROLE AD HOC REGISSANT L'UTILISATION D'UNE BANDE DE FREQUENCE RADIO PARTAGEE OU NON AUTORISEE

(71) COGNIO, INC. [US/US]; 101 Orchard Ridge Drive, Suite 350, Gaithersburg, MD 20878 (US).

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(72, 75) SUGAR, Gary, L. [US/US]; 15307C Diamond Cove Terrace, Rockville, MD 20850 (US). DIENER, Neil, R. [US/US]; 10 Watchwater Way, Rockville, MD 20850 (US).

(74) FLOAM, Andrew, D.; Cognio, Inc., 101 Orchard Ridge Drive, Suite 350, Gaithersburg, MD 20878 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/44, 12/56, 29/14

(11) WO 03/081849 (13) A1

(21) PCT/EP02/12277

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 0206732.0 22 Mar/mar 2002 GB (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SELF-ROUTING, STAFF-COUPLER-BASED COMMUNICATION NETWORK
• RESEAU DE TELECOMMUNICATION A ROUTAGE AUTOMATIQUE FONCTIONNANT AVEC DES COUPLEURS EN ETOILE

(71) MOTOROLA INC [US/US]; 1303 E. Algonquin Road, Schaumburg, IL 60196 (US).
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(72, 75) RAUSCH, Mathias [DE/DE]; Motorola GmbH, Halbeiter, 81829 Muenchen (DE).
TEMPLE, Christopher [DE/DE]; Motorola GmbH, Halbeiter, 81829 Muenchen (DE).

(74) LITCHFIELD, Laura; Motorola European Intellectual, Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56, 12/24

(11) WO 03/081850 (13) A1

(21) PCT/DE03/00894

(22) 18 Mar/mar 2003 (18.03.2003)

(25) de (26) de

(30) 102 13 871.0 27 Mar/mar 2002 DE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR OPERATION AND MONITORING OF MPLS NETWORKS

• PROCEDE DE FONCTIONNEMENT ET DE SURVEILLANCE DE RESEAUX MPLS

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KLINK, Joachim [DE/DE]; Ostmarkstrasse 24, 81377 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 HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04L 12/56, 12/28, 29/06, H04Q 7/24, 7/22, G06F 17/30

(11) WO 03/081851 (13) A1

(21) PCT/EP02/03373

(22) 26 Mar/mar 2002 (26.03.2002)

(25) de (26) de

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND SYSTEM FOR THE WIRELESS TRANSMISSION OF DATA, MOBILE TERMINAL AND DATA SOURCE

• PROCEDE ET SYSTEME POUR LA TRANSMISSION SANS FIL DE DONNEES, TERMINAL MOBILE ET SOURCE DE DONNEES

(71) IMOCOS INTERNATIONAL MOBILE CONTENT SERVICE AG [DE/DE]; Goethering 5, 490074 Osnabrück (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IHMELS, Christian [DE/DE]; Fliederstrasse 18, 49186 Bad Iburg (DE).

(74) GESTHUYSEN, VON ROHR & EGERT; Postfach 10 13 54, 45013 Essen (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 HU 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)⁷ H04L 12/56

(11) WO 03/081852 (13) A1

(21) PCT/IB03/00861

(22) 10 Mar/mar 2003 (10.03.2003)

(25) en (26) en

(30) 60/367,676 26 Mar/mar 2002 US (26.03.2002)

(30) 10/175,122 19 Jun/juin 2002 US (19.06.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • VIRTUAL TRUNKING OVER PACKET NETWORKS

• CIRCUIT VIRTUEL DE RESEAUX DE PAQUETS

(71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec H4S 2A9 (CA).

(72) SYLVAIN, Dany; 6 rue d'Anjou, Gatineau, Quebec J8T 6A6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

(11) WO 03/081853 (13) A1

(21) PCT/JP03/03538

(22) 24 Mar/mar 2003 (24.03.2003)

(25) ja (26) ja

(30) 2002-88117 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • Data transmission device, REPEATER device, data transmission/reception device, and data communication method

• DISPOSITIF DE TRANSMISSION DE DONNEES, DISPOSITIF REPETEUR, DISPOSITIF DE TRANSMISSION/RECEPTION DE DONNEES ET PROCEDE DE COMMUNICATION DE DONNEES

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

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(72, 75) YOKOSATO, Jun-ichi [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
KATO, Yoshiaki [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) TAZAWA, Hiroaki et al. / etc.; 7F, Daito Bldg., 7-1, Kasumigaseki 3-Chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04L 12/56

(11) WO 03/081854 (13) A1

(21) PCT/KR03/00617

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

- (30) 10-2002-16858 **27 Mar/mar 2002** KR
(27.03.2002)
- (30) 10-2002-61590 **9 Oct/oct 2002** KR
(09.10.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • APPARATUS AND METHOD FOR RECEIVING PACKET DATA CONTROL CHANNEL IN A MOBILE COMMUNICATION SYSTEM
- APPAREIL ET PROCEDE PERMETTANT DE RECEVOIR UN CANAL DE COMMANDE DE DONNEES PAR PAQUETS DANS UN SYSTEME DE COMMUNICATION MOBILE
- (71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, Kyungki-do 442-370 (KR).
- (72) KIM, Se-Hyoung; #2-902, Misung APT., Songpa 2-dong, Songpa-gu, Seoul 138-775 (KR). HONG, Woo-Sang; 34-5, Jongja-dong, Pundang-gu, Songnam-shi, Kyonggi-do 463-010 (KR). HA, Ji-Won; #101-1905, Pongchonwoosung APT., Pongchon 6-dong, Kwanak-gu, Seoul 151-775 (KR). BAE, Sang-Min; #102-601, Shinyoungtonghyundai APT., Banwol-ri, Taean-eup, Hwasong-gun, Kyonggi-do 445-973 (KR). HEO, Jin-Woo; 147-2, Pundang-dong, Pundang-gu, Songnam-shi, Kyonggi-do 463-030 (KR). YEO, Soo-Bok; #110-101, Kumho APT., Sunae-dong, Pundang-gu, Songnam-shi, Kyonggi-do 463-020 (KR).
- (74) LEE, Keon-Joo; Mihwa Bldg. 110-2, Myongryun-dong 4-ga, Chongro-gu, Seoul 110-524 (KR).
- (81) AU CN.
-
- (51)⁷ H04L 12/56
- (11) WO 03/081855 (13) A1
- (21) PCT/SE02/00571
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • REDUCING TRANSMISSION TIME FOR DATA PACKETS CONTROLLED BY A LINK LAYER PROTOCOL COMPRISING A FRAGMENTING/DEFRAGMENTING CAPABILITY
- REDUCTION DU TEMPS DE TRANSMISSION DE PAQUETS DE DONNEES COMMANDEE PAR UN PROTOCOLE DE COUCHE DE LIAISON PRESENTANT UNE CAPACITE DE FRAGMENTATION/DEFRAGMENTATION
- (71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HENRIQUES, Bengt [SE/SE]; Gustafsvägen 5, S-169 58 Solna (SE).
- (74) DR LUDWIG BRANN PATENTBYRÅ AB; P.O. Box 17192, S-104 62 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 12/56, 12/46
- (11) WO 03/081857 (13) A1
- (21) PCT/US03/06641
- (22) 4 Mar/mar 2003 (04.03.2003)
- (25) en (26) en
- (30) 10/103,470 20 Mar/mar 2002 US (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • VLAN TABLE MANAGEMENT FOR MEMORY EFFICIENT LOOKUPS AND INSERTS IN HARDWARE-BASED PACKET SWITCHES
- SYSTEME DE GESTION DE TABLE DE VLAN POUR RECHERCHES ET INSERTIONS ECONOMES EN MEMOIRE DANS DES COMMUTATEURS DE PAQUETS MATERIELS
- MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM 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
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- (51)⁷ H04L 12/56, 29/12, H04Q 7/22
- (11) WO 03/081856 (13) A1
- (21) PCT/SE03/00487
- (22) 25 Mar/mar 2003 (25.03.2003)
- (25) en (26) en
- (30) 0200939-7 26 Mar/mar 2002 SE (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A SYSTEM, AN ARRANGEMENT AND A METHOD RELATING TO IP-ADDRESSING
- SYSTEME, ARRANGEMENT ET PROCEDE RELATIFS A L'ADRESSAGE IP
- (71) TELEFONAKTIEBOLAGET L M ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RÖNNEKE, Hans [SE/SE]; Källadsgårdsgatan 18, S-434 36 Kungsbacka (SE).
- (74) BERGENTALL, Annika et al. / etc.; Cegumark AB, P.O. 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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04L 12/56, 29/06
- (11) WO 03/081858 (13) A1
- (21) PCT/US03/06689
- (22) 4 Mar/mar 2003 (04.03.2003)
- (25) en (26) en
- (30) 10/103,385 20 Mar/mar 2002 US (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND APPARATUS FOR HEADER COMPRESSION IN A WIRELESS LAN
- PROCEDE ET APPAREIL DE COMPRESSION D'EN-TETES DANS UN RESEAU LOCAL SANS FIL
- (71) INTEL CORPORATION [US]; (a Delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) FLEMING, Kristoffer; 1653 West Sparrow Drive, Chandler, AZ 85248 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- (51)⁷ H04L 12/56
- (11) WO 03/081859 (13) A1
- (21) PCT/US03/08073
- (71) INTEL CORPORATION [—US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) NAVADA, Muralledhara; 3707 Poinciana Drive, #M1101, Santa Clara, CA 95051 (US). KURUPATI, Sreenath; 2016-3 Klamath Avenue, Santa Clara, CA 95051 (US).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)

- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) en (26) en
- (30) 10/104,879 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND SYSTEM FOR PROVIDING NETWORK SERVICES
- PROCEDE ET SYSTEME DE FOURNITURE DE SERVICES DE RESEAU
- (71) CISCO TECHNOLOGY, INC. [US/US]; 170 West Tasman Drive, San Jose, CA 95134-1706 (US).
- (72) RAJESH, Bhalla; 700 Megan Court, Westmont, IL 60559 (US). MUKHERJEE, Arghya, T.; 1240 Dale Avenue, No. 29, Mountain View, CA 94040 (US).
- (74) SHOWALTER, Barton, E.; Baker Botts L.L.P., 2001 Ross Ave., 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) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US VZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
- (s) for all designations / pour toutes les désignations
- (t) for all designations / pour toutes les désignations
-
- (51)⁷ H04L 12/58, 29/12
- (11) WO 03/081860 (13) A1
- (21) PCT/GB03/01178
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
- (30) 0206531.6 20 Mar/mar 2002 GB (20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • TELECOMMUNICATIONS APPARATUS AND METHODS
- APPAREIL DE TELECOMMUNICATIONS ET PROCEDES CORRESPONDANTS
- (71) INTELLPROP LIMITED [—/—]; P.O. Box 626, National Westminster House, Le Truchot St Peter Port, Guernsey (GB). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WILSON, Jeffrey [GB/GB]; 53 Kiln Road, Farcham, Hampshire PO16 70H (GB).
- (74) D Young & Co.; 21 New Fetter Lane, London EC4A 1DA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 12/58, 12/14, G06F 17/60
- (11) WO 03/081861 (13) A1
- (21) PCT/IB03/00591
- (22) 17 Feb/fév 2003 (17.02.2003)
- (25) en (26) en
- (30) 0206898.9 23 Mar/mar 2002 GB (23.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND SYSTEM FOR DELIVERING OF MESSAGES
- PROCEDE ET SYSTEME DE DELIVRANCE DE MESSAGES
- (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) GEST, Kevin, L. [GB/GB]; 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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 25/02
- (11) WO 03/081862 (13) A1
- (21) PCT/EP03/02773
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) en (26) en
- (30) 02425177.9 21 Mar/mar 2002 EP (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INTERPOLATION FOR USE IN CHANNEL ESTIMATION
- INTERPOLATION DANS L'ESTIMATION DE CANAL
- (71) TELECOM ITALIA S.P.A. [IT/IT]; Via G. Reiss Romoli, 274, I-10148 Torino (IT).
- (for all designated States except / pour tous les États désignés sauf US)
- (71) STMICROELECTRONICS S.R.L. [IT/IT]; Via C. Olivetti, 2, I-20041 Agrate Brianza (IT). (only for / seulement pour AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)
- (72, 75) ETTORRE, Donato [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT). GRAZIANO, Maurizio [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT). MELIS, Bruno [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT). FINOTELLO, Andreas [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT). RUSCITTO, Alfredo [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT). VALLE, Stefano [IT/IT]; Via Lucera, 18, I-20152 Milano (IT). SIMONI, Lorena [IT/IT]; Via Fontana dei Conti, 63, I-03010 Patrica (IT).
- (74) GIANNESI, Pier, Giovanni et al. / etc.; Pirelli S.p.A., Viale Sarca, 222, I-20126 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04L 25/03
- (11) WO 03/081863 (13) A2
- (21) PCT/US03/03875
- (22) 7 Feb/fév 2003 (07.02.2003)
- (25) en (26) en
- (30) 10/101,634 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND APPARATUS FOR REDUCING TRANSMITTER PEAK POWER REQUIREMENTS
- PROCEDE ET APPAREIL PERMETTANT DE REDUIRE LA PUISSANCE DE CRETE NECESSAIRE D'UN EMETTEUR
- (71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) GREENWOOD, William C.; 40 Panorama Circle, Trophy Club, TX 76262 (US). PORCO, Ronald L.; 4700 Navajo Way, Fort Worth, TX 76137 (US). FRANSON, Glen A.; 3532 Stone Creek Lane North, Fort Worth, TX 76137 (US).
- (74) MAY, Steven A., 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 25/03

(11) WO 03/081864 (13) A2

(21) PCT/US03/03877

(22) 7 Feb/fév 2003 (07.02.2003)

(25) en (26) en

(30) 10/102,246 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND APPARATUS FOR REDUCING TRANSMITTER PEAK POWER REQUIREMENTS USING DUAL MATRICES

• PROCEDE ET APPAREIL PERMETTANT DE REDUIRE LES BESOINS EN PUISSANCE DE CRETE D'UN EMETTEUR AU MOYEN DE MATRICES DOUBLES

(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) PORCO, Ronald, L.; 4700 Navajo Way, Fort Worth, TX 76137 (US). GREENWOOD, William, C.; 40 Panorama Circle, Trophy Club, TX 76262 (US). FRANSON, Glen, A.; 3532 Stone Creek Lane North, Fort Worth, TX 76137 (US).

(74) MAY, Steven, A. 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 25/06

(11) WO 03/081865 (13) A1

(21) PCT/IB03/00625

(22) 14 Feb/fév 2003 (14.02.2003)

(25) en (26) en

(30) 0206764.3 22 Mar/mar 2002 GB (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DC OFFSET REMOVAL USING STORAGE MEANS

• SUPPRESSION D'UN DECALAGE EN CONTINU AU MOYEN D'UN SUPPORT D'INFORMATIONS

(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) CALDWELL, Richard, J. [GB/GB]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). PAYNE, Adrian, W. [GB/GB]; 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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 25/49, 27/02, 27/24

(11) WO 03/081866 (13) A1

(21) PCT/EP03/02703

(22) 17 Mar/mar 2003 (17.03.2003)

(25) de (26) de

(30) 102 12 655.0 21 Mar/mar 2002 DE (21.03.2002)

(30) 102 40 726.6 4 Sep/sep 2002 DE (04.09.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TRANSMISSION OF DIGITAL INFORMATION, WHEREBY THE CODE WORDS ARE DIFFERENTIATED BY MEANS OF A CHANGE IN AMPLITUDE

• TRANSMISSION DE DONNEES NUMERIQUES, LA DISTINCTION DES MOTS DE CODE ETANT EFFECTUEE PAR UNE MODIFICATION D'AMPLITUDE

(71, 72) DIRR, Josef [DE/DE]; Neufahrnerstr. 5, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04L 27/00

(11) WO 03/081867 (13) A1

(21) PCT/JP03/01822

(22) 19 Feb/fév 2003 (19.02.2003)

(25) ja (26) ja

(30) 2002/80790 22 Mar/mar 2002 JP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TRANSMITTING METHOD AND TRANSMITTING APPARATUS

• PROCEDE ET APPAREIL DE TRANSMISSION

(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) KUROKAMI, Yuzo [JP/JP]; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).

(74) TAKAHASHI, Isamu; 8th Floor, Shinoda Bldg., 10-7, Higashi Kanda 1-Chome, Chiyoda-ku, Tokyo 101-0031 (JP).

(81) AU CA CN KR NO SG US.

(84) EP (DE ES FI FR GB IT NL SE).

(51)⁷ H04L 27/12

(11) WO 03/081868 (13) A2

(21) PCT/DE03/00602

(22) 25 Feb/fév 2003 (25.02.2003)

(25) de (26) de

(30) 102 13 525.8 26 Mar/mar 2002 DE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TWO-POINT MODULATOR ASSEMBLY

• ENSEMBLE MODULATEUR A DEUX POINTS

(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) HERZINGER, Stefan [DE/DE]; Burgkmaistr. 55, 80686 München (DE). MÄRZINGER, Günter [AT/AT]; Mühlwald 1, A-4161 Ulrichsberg (AT). NEURAUER, Burkhard [AT/AT]; Badl 90H, A-6233 Kramsach (AT). WEIGEL, Robert [AT/DE]; Hauffstrasse 4, 90491 Nürnberg (DE).

(74) EPPING HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH; Riederstrasse 55, 80339 München (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)⁷ H04L 27/26

(11) WO 03/081869 (13) A1

(21) PCT/US03/08666

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en

(26) en

(30) 60/366,332 **21 Mar/mar 2002** US
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ADAPTIVE RFI CANCELLER FOR DSL
• DISPOSITIF D'ANNULATION DE
BROUILLAGE DE FREQUENCE
RADIO ADAPTATIF POUR LIGNE
D'ABONNE NUMERIQUE (DSL)

(71) GLOBESPAN VIRATA INCORPORATED [US/US]; 100 Schultz Drive, Red Bank, NJ 07701 (US).

(72) SHMULYAN, Faina; 10 River Court, Apt 12309, Jersey City, NJ (US). LANGBERG, Ehud; 44 Meadows Lane, Wayside, NJ 07712 (US). DUVAUT, Patrick; 86 Holly Drive, Eatontown, NJ 7724 (US).

(74) DUNCAN, Kevin, T. et al. / etc.; Hunton & Williams, Intellectual Property Department, Suite 1200, 1900 K Street, N.W., 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 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 HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 27/36, H03F 1/32

(11) WO 03/081870 (13) A1

(21) PCT/CA03/00458

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 60/367,208 **26 Mar/mar 2002** US
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ADAPTIVE PREDISTORTER BASED ON THE PROBABILITY DISTRIBUTION FUNCTION OF THE OUTPUT AMPLITUDE

• DISPOSITIF DE PREDISTORSION ADAPTATIF FONDE SUR LA FONCTION DE DISTRIBUTION DE PROBABILITE DE L'AMPLITUDE DE SORTIE

(71) HER MAJESTY IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF INDUSTRY [CA/CA]; Communications Research Centre, P.O. Box 11490, Ottawa, Ontario K2H 8S2 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUANG, Xiping [CA/CA]; 53 Northgate Street, Nepean, Ontario K2G 6C8 (CA). CARON, Mario [CA/CA]; 65 rue Adelbert-Dumoulin, Aylmer, Quebec J9H 5K4 (CA).

(74) FREEDMAN, Gordon; Freedman & Associates, 117 Centrepointe Drive, Suite 350, Nepean, Ontario K2G 5X3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H04L 29/00, G06F 17/30

(11) WO 03/081871 (13) A1

(21) PCT/FI02/00270

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYSTEM AND METHOD FOR MANAGING MESSAGING SERVICES

• SYSTEME ET PROCEDE DE GESTION DE SERVICE DE MESSAGES

(71) FIRST HOP LTD. [FI/FI]; Porkkalankatu 20, FIN-00180 Helsinki (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RÖNTYNNEN, Mikko [FI/FI]; Anttiintie 1, FIN-08700 Virkkala (FI). PULLAINEN, Erkki [FI/FI]; Karistimentie 1 C 81, FIN-00920 Helsinki (FI).

(74) PATENT AGENCY COMPATENT LTD.; Hämeentie 29, 4th Fl, FIN-00500 Helsinki (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 CH CY CZ DE DK ES FI FR GB GR HU 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)⁷ H04L 29/00, G06F 15/16, 17/30

(11) WO 03/081872 (13) A1

(21) PCT/SE03/00485

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 0200926-4 **26 Mar/mar 2002** SE
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • APPARATUS AND METHOD FOR ADAPTIVE DATA TRANSMISSION

• SYSTEME ET PROCEDE DE TRANSMISSION ADAPTATIVE DE DONNEES

(71) MARRATECH AB [SE/SE]; P.O. Box 1036, S-164 21 Kista (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARNES, Peter [SE/SE]; Granitstigen 12, S-997 54 Luleå (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06, H04Q 7/38, H04L 12/56

(11) WO 03/081873 (13) A1

(21) PCT/IB02/00871

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD, SYSTEM AND DEVICE FOR CONTROLLING A TRANSMISSION WINDOW SIZE

• PROCEDE, SYSTEME ET DISPOSITIF DE CONTROLE DE LA TAILLE D'UNE FENETRE DE TRANSMISSION

(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) ZHANG, Dongmei [CN/CN]; Longzhang Road, Haidian District, Beijing (CN). ZHANG, Runtong [CN/CN]; Institute of Information Systems, College of Economics and Business Administration, North Jiaotong University, Beijing 100044 (CN). MA, Jian [CN/CN]; Capital Paradise 3361, 101300 Beijing (CN). KAN, Zhigang [CN/CN]; Computer Science and Technology Department, Beijing University of Aeronautics & Astronautics, 37 Xue Yuan Road, Haidian District, 100083 Beijing (CN).

(74) UNGERER, Olaf; Eisenführ, Speiser & Partner, Arnulfstrasse 25, Munich 80335 (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)⁷ H04L 29/06, 12/56

(11) WO 03/081874 (13) A1

(21) PCT/US03/07872

(22) 14 Mar/mar 2003 (14.03.2003)

(25) en (26) en

(30) 10/104,759 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SCHEDULING USING QUANTUM AND DEFICIT VALUES

- ORGANISATION DANS LE TEMPS PAR REFERENCE A DES QUANTUMS ET DES VALEURS DE DEFICIT

(71) CISCO TECHNOLOGY, INC. [US/US]; Patent Prosecution, c/o Robert Barr, 170 W. Tasman Dr., San Jose, CA 95134 (US).

(72) SHOHAM, Doron; 22A Emek Ayalon St., 73142 Shoham (IL). MICHAELI, Amir; Shmuel Hanagid 13, Apt. 21, 46498 Hertzelya (IL). TSIANG, David; 1686 Oak Ave., Menlo Park, CA 94025 (US). APANNA, Chandrashekhar; 444 Saratoga Avenue, #22B, Santa Clara, CA 95050 (US).

(74) WILLIAMS, Kirk; The Law Office of Kirk D. Williams, (USPTO Customer No. 26327), 1234 S. Ogden St., Denver, CO 80210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04L 29/12

(11) WO 03/081875 (13) A1

(21) PCT/DE03/00895

(22) 18 Mar/mar 2003 (18.03.2003)

(25) de (26) de

(30) 102 13 862.1 27 Mar/mar 2002 DE (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AAA SERVER SYSTEM FOR EFFICIENT ACCESS CONTROL AND ADDRESS ASSIGNMENT

- SYSTEME DE SERVEURS AAA PERMETTANT UN CONTROLE D'ACCES ET UNE AFFECTATION D'ADRESSES EFFICACES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KEIL, Wolfgang [DE/FR]; 1, rue de Kroas-ar-Skin, F-22700 Perros-Guirec (FR).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN PL US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ H04L 29/12, 29/06

(11) WO 03/081876 (13) A1

(21) PCT/IB03/01495

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 0206849.2 22 Mar/mar 2002 GB (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMMUNICATION SYSTEM AND METHOD

- SYSTEME ET PROCEDE DE COMMUNICATION

(71) NOKIA CORPORATION [FI/FI]; Keilalalahdentie 4, FIN-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GABOR, Bajko [HU/HU]; Rezeda U 8, H-1214 Budapest (HU). PERALA, Martti [FI/FI]; Syväkiventie 2B2, 90240 Oulu (FI). MAANSAARI, Kirsi [FI/FI]; Paaskystie 25A2 (FI).

(74) STYLE, Kelda, Camilla, Karen 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M

(11) WO 03/081877 (13) A2

(21) PCT/IL02/00409

(22) 23 May/mai 2002 (23.05.2002)

(25) en (26) en

(30) 148926 27 Mar/mar 2002 IL (27.03.2002)

(30) 10/151,113 21 May/mai 2002 US (21.05.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYSTEM AND METHOD FOR SHARING CELLULAR COMMUNICATION SERVICES AMONG MOBILE STATIONS OF DIFFERENT NETWORKS

- SYSTEME ET PROCEDE PERMETTANT A DES STATIONS MOBILES DE DIFFERENTS RESEAUX DE PARTAGER DES SERVICES DE COMMUNICATION CELLULAIRE

(71) CELLCOM ISRAEL LIMITED [IL/IL]; 3 Hagalim Avenue, 46131 Herzliya (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OGMAN, Lipa [IL/IL]; 33 Hazav Street, 71908 Reut (IL). STEINMETZ, Arza [IL/IL]; 5 Brazil Street, 69460 Tel Aviv (IL). NUREL, Alon [IL/IL]; 7/4 Emek Dotan Street, 71700 Modi'in (IL). GITLIN, Dmitry [IL/IL]; 26/10 Rama Street, 69186 Tel Aviv (IL). ROKACH, Haim [IL/IL]; 4/5 Shaul Hamelech Street, 59562 Bat Yam (IL). JOSUA, Giora [IL/IL]; 2 Mishol Hazorea Street, 37861 Katzir (IL).

(74) REINHOLD COHN AND PARTNERS; P. O. BOX 4060, 61040 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ H04M 1/00

(11) WO 03/081878 (13) A1

(21) PCT/JP02/02974

(22) 27 Mar/mar 2002 (27.03.2002)

(25) ja (26) ja

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMMUNICATION APPARATUS AND COMMUNICATION METHOD

- APPAREIL DE COMMUNICATION ET PROCEDE DE COMMUNICATION

(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) GOTO, Ikuma [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) MIZOI, Shoji et al. / etc.; NTA Ofuna Building 3rd floor, 17-10, Ofuna 2-chome, Kamakura-shi, Kanagawa 247-0056 (JP).

(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)⁷ H04M 1/02

(11) WO 03/081879 (13) A1

(21) PCT/FI03/00162

(22) 5 Mar/mar 2003 (05.03.2003)

(25) en (26) en

(30) 20020582 26 Mar/mar 2002 FI (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • USER INTERFACE FOR A PORTABLE TELECOMMUNICATION DEVICE

• INTERFACE UTILISATEUR POUR DISPOSITIF PORTATIF DE TELECOMMUNICATION

(71) NOKIA OYJ [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KORHONEN, Panu [FI/FI]; Vallirinne 11A, FIN-00430 Helsinki (FI). KAARE-SOJA, Topi [FI/FI]; Töyrytie 6 D 143, FIN-00630 Helsinki (FI).

(74) HEINÄNEN OY; Annankatu 31-33 C, FIN-00100 Helsinki (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04M 1/02, G06F 1/16

(11) WO 03/081880 (13) A1

(21) PCT/IB02/00833

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MOBILE ELECTRONIC DEVICE HAVING A PIVOTED DISPLAY

• DISPOSITIF ELECTRONIQUE MOBILE COMPORTANT UN AFFICHAGE PIVOTANT

(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) EROMÄKI, Marko [FI/FI]; Isännätkatu 4, FIN-33820 Tampere (FI). MÄÄTTÄ, Esa [FI/FI]; Fenninmäenkatu 12 C 19, FIN-33710 Tampere (FI).

(74) KURIG, Thomas; Becker, Kurig, Straus, Bavariastrasse 7, 80336 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ H04M 1/57, 1/00

(11) WO 03/081881 (13) A1

(21) PCT/JP03/03411

(22) 20 Mar/mar 2003 (20.03.2003)

(25) ja (26) ja

(30) 2002-83129 25 Mar/mar 2002 JP (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMMUNICATION APPARATUS AND RECEPTION HISTORY DELETING METHOD

• APPAREIL DE COMMUNICATION ET PROCÉDE PERMETTANT D'EFFACER L'HISTORIQUE DE RECEPTION

(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) MATSUTAKA, Yasushi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) MIZOI, Shoji et al. / etc.; NTA Ofuna Building 3rd floor, 17-10, Ofuna 2-chome, Kamakura-shi, Kanagawa 247-0056 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04M 1/73, H04Q 7/32

(11) WO 03/081882 (13) A1

(21) PCT/FI03/00222

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 20020570 25 Mar/mar 2002 FI (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DISTRIBUTION OF TASKS OVER TIME IN A MOBILE TERMINAL

• DISTRIBUTION DE TACHES DANS LE TEMPS DANS UN TERMINAL MOBILE

(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) SORVARI, Antti [FI/FI]; Landbontie 35, FIN-01100 Itäsalmi (FI). KÄHÄRI, Markus [FI/FI]; Metsäpurontie 20 C 21, FIN-00630 Helsinki (FI).

(74) BERGGREN OY AB; P. O. Box 16, Jaakonkatu 3 A, FIN-00101 Helsinki (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 3/00, 11/00, H04Q 7/20, H04B 17/00

(11) WO 03/081883 (13) A1

(21) PCT/US03/08930

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 60/366,787 21 Mar/mar 2002 US (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND SYSTEM FOR QUALITY OF SERVICE (QoS) MONITORING FOR WIRELESS DEVICES

• PROCÉDE ET SYSTEME DE SURVEILLANCE DE QUALITE DE SERVICE (QOS) POUR DES DISPOSITIFS SANS FIL

(71, 72) MCGREGOR, Christopher, M. [US/US]; 1880 Steiner Street, No. 405, San Francisco, CA 94115 (US). MCGREGOR, Gregory, M. [US/US]; 105 St. Nazire Court, Martinez, CA 94553 (US).

(74) TACHNER, Leonard; 17961 Sky Park Circle, Suite 38-E, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04M 3/42, 1/57, 1/663, 3/38

(11) WO 03/081884 (13) A1

(21) PCT/AU03/00373

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) PS 1424 27 Mar/mar 2002 AU (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD AND SYSTEM FOR PROVIDING GOODS OR SERVICES TO A SUBSCRIBER OF A COMMUNICATIONS NETWORK

- PROCEDE ET SYSTEME PERMETTANT DE FOURNIR DES MARCHANDES OU DES SERVICES A UN ABONNE D'UN RESEAU DE COMMUNICATION

(71) TELPIN PTY LTD [AU/AU]; 14 Chandler Road, Boronia, VIC 3155 (AU).

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(72, 75) BRISTOW, Andrew, Nigel [AU/AU]; 17 Sargood Street, Toorak, VIC 3142 (AU).
WOOD, Robert, Ian [AU/AU]; 6 Pickwood Close, Montrose, VIC 3765 (AU).

(74) FREEHILLS CARTER SMITH BEADLE; 101 Collins Street, Melbourne, VIC 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 3/42, H04B 7/005, H04L 9/00

(11) WO 03/081885 (13) A1

(21) PCT/US03/08401

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 10/100,468 18 Mar/mar 2002 US (18.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • APPLICATION PROGRAM INTERFACE

- INTERFACE DE PROGRAMME D'APPLICATION

(63) US 10/100,468 (CON) 18 Mar/mar 2002 (18.03.2002)

(71) PROQUENT SYSTEMS CORPORATION [US/US]; 67 Forest Street, Suite 2, Marlborough, MA 01752-3088 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAMILTON, Thomas, E. [US/US]; 244 Robert Road, Marlborough, MA 01752 (US).
ATWOOD, Clifford, S. [US/US]; 18 Willow Road, Harvard, MA 01451 (US).

(74) KOZIK, Kenneth, F. et al. / etc.; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04M 3/493

(11) WO 03/081886 (13) A1

(21) PCT/US03/04985

(22) 20 Feb/fév 2003 (20.02.2003)

(25) en (26) en

(30) 60/365,167 19 Mar/mar 2002 US (19.03.2002)

(30) 10/353,012 29 Jan/jan 2003 US (29.01.2003)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SYSTEM AND METHOD FOR AUTOMATICALLY PROCESSING A USER'S REQUEST BY AN AUTOMATED ASSISTANT

- SYSTEME ET PROCEDE DE TRAITEMENT AUTOMATIQUE D'UNE DEMANDE D'UN UTILISATEUR PAR UN ASSISTANT AUTOMATISE

(71) TELELOGUE, INC. [US/US]; 517 Route 1 South, Suite 3020, Iselin, NJ 08830 (US).

(72) MANE, Amir; 210 Yale Drive, Lincroft, NJ 07738 (US). LEVIN, Ester; 19 Penwood Rd., Livingston, NJ 07039 (US). BOYCE, Susan; 36 Ridge Road, Rumson, NJ 07760 (US).

(74) MAGOON, Sumeet 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 3/56, H04Q 7/22, 7/38

(11) WO 03/081887 (13) A1

(21) PCT/SE02/02167

(22) 25 Nov/nov 2002 (25.11.2002)

(25) en (26) en

(30) 0200893-6 22 Mar/mar 2002 SE (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • GLOBALLY UNIQUE IDENTIFICATION OF GROUPS OF USERS IN A COMMUNICATIONS SYSTEM

- IDENTIFICATION MONDIALEMENT UNIQUE DE GROUPES D'UTILISATEURS DANS UN SYSTEME DE TELECOMMUNICATIONS

(71) TELEFONAKTIEBOLAGET L M ERICSSON (Publ) [SE/SE]; S-126 25 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HÄGER, Hanz [SE/SE]; Tranebergs Strand 15, S-167 40 Bromma (SE).

(74) ALBIHNS STOCKHOLM AB; P.O. Box 5581, S-114 85 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 11/00, H04N 1/32

(11) WO 03/081888 (13) A1

(21) PCT/JP02/04535

(22) 9 May/mai 2002 (09.05.2002)

(25) ja (26) ja

(30) PCT/JP02/02833 25 Mar/mar 2002 JP (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • RELAY APPARATUS, COMMUNICATION CONTROL METHOD, COMMUNICATION CONTROL PROGRAM, AND COMMUNICATION SYSTEM

- APPAREIL RELAIS, PROCEDE ET LOGICIEL DE COMMANDE DES COMMUNICATIONS, ET SYSTEME DE COMMUNICATION

(71) ALLIED TELESIS K.K. [JP/JP]; TOC Bldg., 7-22-17, Nishi-Gotanda, Shinagawa-ku, Tokyo 141-8635 (JP).

(71, 72) NAKAJIMA, Yutaka [JP/JP]; c/o ALLIED TELESIS K.K., TOC Bldg., 7-22-17, Nishi-Gotanda, Shinagawa-ku, Tokyo 141-8635 (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 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)⁷ H04M 11/00

(11) WO 03/081889 (13) A1

(21) PCT/US02/13759

(22) 29 Apr/avr 2002 (29.04.2002)

(25) en (26) en

(30) 02290712.5 20 Mar/mar 2002 EP (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DIGITAL ISOLATION BARRIER AS INTERFACE BUS FOR MODEMS

• BARRIERE D'ISOLEMENT NUMERIQUE COMME BUS D'INTERFACE POUR MODEMS

(71) CONEXANT SYSTEMS, INC. [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660 (US).

(72) D'ANGELO, Wilfrid, C.; 5, ch de l'Arbre, F-06340 La Trinité (FR). LATU, Jean, F.; Bât B, 120, bd Wilson, F-06160 Juan-les-Pins (FR).

(74) FARJAMI, Farshad; Farjami & Farjami, LLP, 16148 Sand Canyon, Irvine, CA 92618 (US).

(81) 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); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 15/00

(11) WO 03/081890 (13) A1

(21) PCT/EP03/02657

(22) 13 Mar/mar 2003 (13.03.2003)

(25) de (26) de

(30) 02090124.5 27 Mar/mar 2002 EP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR BILLING A COMMUNICATIONS LINK BETWEEN COMMUNICATIONS TERMINALS

• PROCEDE POUR DECOMPTER LES TAXES TELEPHONIQUES D'UNE LIAISON ENTRE DES TERMINAUX 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) FÖLL, Uwe [DE/DE]; Kieler Strasse 2, 14612 Falkensee (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(s) 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 HU IE IT LU MC NL PT RO SE SI SK TR)

(u) for / pour US only / seulement

(51)⁷ H04M 19/04, H03G 3/32

(11) WO 03/081891 (13) A1

(21) PCT/US03/06863

(22) 6 Mar/mar 2003 (06.03.2003)

(25) en (26) en

(30) 10/102,031 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • AUTOMATIC ADJUSTMENTS OF AUDIO ALERT CHARACTERISTICS OF AN ALERT DEVICE USING AMBIENT NOISE LEVELS

• REGLAGES AUTOMATIQUES DE CARACTERISTIQUES D'ALERTE AUDIO D'UN DISPOSITIF D'ALERTE UTILISANT DES NIVEAUX DE BRUITS AMBIANTS

(71) INTEL CORPORATION (a Delaware Corporation) [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) CRONIN, Thomas; 847 NW Freeman 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N

(11) WO 03/081892 (13) A2

(21) PCT/IB03/01468

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 10/114,402 27 Mar/mar 2002 US (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TELECOMMUNICATIONS SYSTEM

• SYSTEME DE TELECOMMUNICATION

(71) MARCONI COMMUNICATIONS, INC. [US/US]; 1000 Marconi Drive, Warrendale, PA 15086 (US).

(72) CAMPBELL, Robert, Craig; 507 Sheffield Court, Cranberry Township, PA 16066 (US). DRURY, David, Markham; 1047 Canter Oak Drive, Pittsburgh, PA 15237 (US). HUBER, Richard, R.; 139 Swain Hill Road, Harmony, PA 16037 (US). STRAIT, John, P.; 1017 N. Sheridan Avenue, Pittsburgh, PA 15206 (US). HILL, Peter, D.; 1258 Catalina Drive, Monroeville, PA 15146 (US). ROSEN, Brian; 470 Conrad Drive, Mars, PA 16046 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N

(11) WO 03/081893 (13) A2

(21) PCT/US03/07627

(22) 12 Mar/mar 2003 (12.03.2003)

(25) en (26) en

(30) 10/103,057 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DIGITAL STORAGE ARRANGEMENT

• DISPOSITIF DE STOCKAGE NUMERIQUE

(71) CORNICE, INC. [US/US]; 1951 S.Fordham Street, Suite 105, Longmont, CO 80503 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRUNER, Curtis, H. [US/US]; 8374 Greenwood Drive, Longmont, CO 80503 (US). FLETCHER, John, F. [US/US]; 522 Abbey Drive, Longmont, CO 80501 (US). FLETCHER, Frida, E., Romauli [US/US]; 522 Abbey Drive, Longmont, CO 80501 (US).

(74) GALLENSON, Mavis, S. 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

- CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04N
 (11) WO 03/081894 (13) A2
 (21) PCT/US03/08204
 (22) 18 Mar/mar 2003 (18.03.2003)
 (25) en (26) en
 (30) 10/101,421 19 Mar/mar 2002 US (19.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • AUGMENTED TRACKING USING VIDEO AND SENSING TECHNOLOGIES
 • POURSUITE AMELIOREE AU MOYEN DE TECHNOLOGIES VIDEO ET DE DETECTION
 (71) WAYNE STATE UNIVERSITY [US/US]; 4249 Faculty/Administration Bldg., 65 W. Kirby, Detroit, MI 48202 (US).
 (72) ZAMORANO, Lucia; 2372 Pine Lake Road, West Bloomfield, MI 48324 (US). PANDYA, Abhilash; 12383 Bedford Drive, Southgate, MI 48195 (US).
 (74) PERRY, Robert, F. et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04N 1/21, 1/41, 9/07, 5/76
 (11) WO 03/081895 (13) A1
 (21) PCT/JP03/03688
 (22) 26 Mar/mar 2003 (26.03.2003)
 (25) ja (26) ja
 (30) 2002-87854 27 Mar/mar 2002 JP (27.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD
 • DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGES
 (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) OKABE, Yoshimasa [JP/JP]; 3-19-5, Ikuno, Katano-shi, Osaka 576-0054 (JP).
 (74) AOYAMA, Tamotsu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiroimi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).
 (81) CA CN KR US.
-
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ H04N 1/32, H04L 29/06, G06T 1/00
 (11) WO 03/081896 (13) A1
 (21) PCT/IB03/00813
 (22) 27 Feb/fév 2003 (27.02.2003)
 (25) en (26) en
 (30) 02076199.5 27 Mar/mar 2002 EP (27.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • WATERMAKING A DIGITAL OBJECT WITH A DIGITAL SIGNATURE
 • PROCEDE PERMETTANT DE FILGRANER UN OBJET NUMERIQUE AVEC UNE SIGNATURE NUMERIQUE
 (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) ROBERTS, David, K. [GB/NL]; c/o 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04N 1/32
 (11) WO 03/081897 (13) A1
 (21) PCT/JP02/02833
 (22) 25 Mar/mar 2002 (25.03.2002)
 (25) ja (26) ja
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • FACSIMILE-COMMUNICABLE VOIP TERMINAL AND COMMUNICATION METHOD THEREOF
 • TERMINAL VOIP POUVANT COMMUNIQUER PAR FAX ET PROCEDE DE COMMUNICATION CORRESPONDANT
 (71) ALLIED-TELESIS, K.K. [JP/JP]; 4F, TOC Bldg., 22-17, Nishi-Gotanda 7-chome, Shinagawa-ku, Tokyo 141-8635 (JP).
 (72) NAKAJIMA, Yutaka; c/o Allied-teleasis, K.K., 4F, TOC Bldg., 22-17, Nishi-Gotanda 7-chome, Shinagawa-ku, Tokyo 141-8635 (JP).
 (74) KATSURAGI, Yuji; Room 208, Ichigaya-Hoso Bldg., 1-5, Kudan-kita 4-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 UZ VN YU ZA ZM ZW.
 (84) AP (GH GM 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)⁷ H04N 1/41, 7/28
 (11) WO 03/081898 (13) A1
 (21) PCT/JP02/09625
 (22) 19 Sep/sep 2002 (19.09.2002)
 (25) ja (26) ja
 (30) 2002-080781 22 Mar/mar 2002 JP (22.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • IMAGE DATA COMPRESSION DEVICE, IMAGE DATA COMPRESSION METHOD, RECORDING MEDIUM, AND PROGRAM
 • DISPOSITIF ET PROCEDE DE COMPRESSION DE DONNEES IMAGE, SUPPORT D'ENREGISTREMENT ET PROGRAMME ASSOCIE
 (71) SIPEC CORPORATION [JP/JP]; Cosmos Hongo Bldg., 4-1-4 Hongo, Bunkyo-ku, Tokyo 113-0033 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
 (71, 72) OHMI, Tadashi [JP/JP]; 1-17-301, Komegabukuro 2-chome, Aoba-ku, Sendai-shi, Miyagi 980-0813 (JP).
 (72, 75) YOKOYAMA, Yukihiko [JP/JP]; c/o SIPEC CORPORATION, Cosmos Hongo Bldg., 4-1-4 Hongo, Bunkyo-ku, Tokyo 113-0033 (JP). KONDA, Masahiro [JP/JP]; c/o SIPEC CORPORATION, Cosmos Hongo Bldg., 4-1-4 Hongo, Bunkyo-ku, Tokyo 113-0033 (JP). NAKAYAMA, Takahiro [JP/JP]; c/o TOHOKU UNIVERSITY, Aza-Aoba 05, Aramaki, Aoba-ku, Sendai-shi, Miyagi 980-8579 (JP).
 (74) KOKUBUN, Takayoshi; 5th Floor, Ikebukuro TG Homest Building, 17-8, Higashi-Ikebukuro 1-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)⁷ H04N 3/15
 (11) WO 03/081899 (13) A1
 (21) PCT/US03/08080
 (22) 18 Mar/mar 2003 (18.03.2003)
 (25) en (26) en
 (30) 60/365,382 18 Mar/mar 2002 US (18.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • EVENT-DRIVEN CHARGE-COUPLED DEVICE DESIGN AND APPLICATIONS THEREFOR
 • CONCEPTION DE DISPOSITIF A TRANSFERT DE CHARGE COMMANDE PAR LES EVENEMENTS, ET APPLICATIONS A CET EFFET

(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) DOTY, John, P.; 15 Foster Road, Bedford, MA 01730 (US). RICKER, George, R., Jr.; 4 Coolidge Hill Road, Cambridge, MA 02138 (US). BURKE, Barry, E.; 17 Sherburne Road, Lexington, MA 02421 (US). PRIGOZHIN, Gregory, Y.; 34 Westlund Road, Belmont, MA 02478 (US).

(74) CONNORS, Matthew, E. et al. / etc.; Samuels, Gauthier & Stevens, LLP, 225 Franklin Street, Suite 3300, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/00, 7/173

(11) WO 03/081900 (13) A1

(21) PCT/IB03/01002

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 02290738.0 22 Mar/mar 2002 EP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MODULAR SET TOP BOX

• BOÎTIER DÉCODEUR MODULAIRE

(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) CALMELS, Eric [FR/FR]; Société Civile SPID c/o, 156 Boulevard Haussmann, F-75008 Paris (FR). DESMICHT, Eric [FR/FR]; Société Civile SPID c/o, 156 Boulevard Haussmann, F-75008 Paris (FR). MIJNSSEN, Lodevijk [NL/FR]; Société Civile SPID c/o, 156 Boulevard Haussmann, F-75008 Paris (FR).

(74) CHAFFRAIX, Jean; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/225

(11) WO 03/081901 (13) A1

(21) PCT/JP03/00744

(22) 27 Jan/jan 2003 (27.01.2003)

(25) ja (26) ja

(30) 2002-089710 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CAMERA-EQUIPPED CELLULAR PHONE

• TELEPHONE CELLULAIRE EQUIPE D'UN APPAREIL PHOTOGRAPHIQUE

(71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). SANYO TELECOMMUNICATIONS CO., LTD. [JP/JP]; 1-1, Sanyocho, Daito-shi, Osaka 574-8534 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAKINO, Masami [JP/JP]; 5-1, Hozumi, Hozumicho, Motosu-gun, Gifu 501-0223 (JP).

(74) NISHIOKA, Nobuyasu; Sumitomo-seimei Onishi Bldg.10F, 1-13, Uchihonmachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0026 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/225

(11) WO 03/081902 (13) A1

(21) PCT/JP03/00745

(22) 27 Jan/jan 2003 (27.01.2003)

(25) ja (26) ja

(30) 2002-089708 27 Mar/mar 2002 JP (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • CAMERA-EQUIPPED CELLULAR PHONE

• TELEPHONE CELLULAIRE EQUIPE D'UN APPAREIL PHOTOGRAPHIQUE

(71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). SANYO TELECOMMUNICATIONS CO., LTD. [JP/JP]; 1-1, Sanyocho, Daito-shi, Osaka 574-8534 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAKINO, Masami [JP/JP]; 5-1, Hozumi, Hozumicho, Motosu-gun, Gifu 501-0223 (JP).

(74) NISHIOKA, Nobuyasu; Sumitomo-seimei Onishi Bldg.10F, 1-13, Uchihonmachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0026 (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/225, 5/232, 5/262

(11) WO 03/081903 (13) A1

(21) PCT/US03/08605

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/366,296 20 Mar/mar 2002 US (20.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • OPTO-DIGITAL ZOOM FOR AN IMAGE CAPTURE DEVICE

• ZOOM OPTO-NUMERIQUE POUR DISPOSITIF DE SAISIE D'IMAGES

(71) CONCORD CAMERA CORP. [US/US]; 4000 Hollywood Blvd., Suite 650N, Hollywood, FL 33021 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BITTNER, Wilfried [DE/CN]; Flat A, 9/F, Block 6, Villa Esplanada, 8 Nga Ying Street, Tsing Yi, New Territories, n/a Hong Kong, China (CN).

(74) LAMPERT, Scott et al. / etc.; Concord Camera Corp., 4000 Hollywood Blvd., Suite 650N, Hollywood, FL 33021 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 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 HU IE IT LU MC NL PT RO SE

SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ
GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les
désignations
(u) for / pour US only / seulement

- (51)⁷ H04N 5/232
(11) WO 03/081904 (13) A1
(21) PCT/IB03/01146
(22) 20 Mar/mar 2003 (20.03.2003)
(25) en (26) en
(30) 02100310.8 27 Mar/mar 2002 EP
(27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • ELECTRONIC CAMERA WITH DIGI-
TAL EFFECT FILTER
• APPAREIL DE PRISE DE VUES ELEC-
TRONIQUE EQUIPE D'UN FILTRE A
EFFET NUMERIQUE
(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) PROIDL, Adolf [AT/AT]; Prof. Holst-
laan 6, NL-5656 AA Eindhoven (NL).
(74) WEBER, Helmut; Internationaal Octrooibu-
reau 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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

- (51)⁷ H04N 5/44
(11) WO 03/081905 (13) A1
(21) PCT/GB03/01259
(22) 24 Mar/mar 2003 (24.03.2003)
(25) en (26) en
(30) 0206901.1 23 Mar/mar 2002 GB
(23.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • IMPROVEMENTS IN CONNECTIONS
FOR AUDIO/VISUAL DISPLAY MONI-
TORS
• AMELIORATIONS APPORTEES A DES
CONNEXIONS POUR MONITEURS DE
VISUALISATION SON/IMAGES
(71, 72) REES, Ian, Paul [GB/GB]; 4 Furze
Road, Addlestone, Weybridge, Surrey KT15
1DP (GB).
(74) BUTLER, Lance; Barker Brettell, 10-12
Priests Bridge, London SW15 5JE (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

- (51)⁷ H04N 5/44
(11) WO 03/081906 (13) A1
(21) PCT/US03/08365
(22) 19 Mar/mar 2003 (19.03.2003)
(25) en (26) en
(30) 60/366,506 21 Mar/mar 2002 US
(21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • SIGNAL RECEIVER FOR RECEIVED
SIMULTANEOUSLY A PLURALITY OF
BROADCAST SIGNALS
• RECEPTEUR DE SIGNAUX CONÇU
POUR RECEVOIR UNE PLURALITE
DE SIGNAUX DE DIFFUSION
(71) THOMSON LICENSING S.A. [FR/FR];
46, Quai Le Gallo, F-92648 Boulogne (FR).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) McNEELY, David, Lowell [US/US];
7832 Warbler Court, Indianapolis, IN 46256
(US).
(74) TRIPOLI, Joseph, S et al. / etc.; c/o Thom-
son Licensing, Inc., Two Independence Way,
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 NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

- (51)⁷ H04N 5/76
(11) WO 03/081908 (13) A2
(21) PCT/CH03/00168
(22) 13 Mar/mar 2003 (13.03.2003)
(25) fr (26) fr
(30) 479/02 21 Mar/mar 2002 CH
(21.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • STORAGE OF DIGITAL DATA ON A DV
CAMCORDER AND COMPATIBLE EL-
EMENTS
• STOCKAGE DE DONNEES NUME-
RIQUES SUR CAMESCOPE DV ET
COMPATIBLES
(71, 72) ROUJANSKY, Michel [FR/FR]; 44 Av-
enue Fontenaille, F-13100 Aix en Provence
(FR).
(81) AE AU BR CA CN IL JP KR NZ RU SG US
ZA.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

- Declarations / Déclarations :
(t) for all designations / pour toutes les
désignations
(u) for / pour US only / seulement
(51)⁷ H04N 5/91, 5/85, G11B 20/10
(11) WO 03/081909 (13) A1
(21) PCT/JP03/03753
(22) 26 Mar/mar 2003 (26.03.2003)
(25) ja (26) ja
(30) 2002-87334 27 Mar/mar 2002 JP
(27.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • RECORDING MEDIUM REPRODUC-
TION DEVICE
• DISPOSITIF DE REPRODUCTION A
SUPPORT D'ENREGISTREMENT
(71) SANYO ELECTRIC CO., LTD. [JP/JP];
5-5, Keihanhondori 2-chome, Moriguchi-shi,
Osaka 570-8677 (JP). SANYO TECH-
NOSOUND CO., LTD. [JP/JP]; 1-1, Sanyo-
ocho, Daito-shi, Osaka 574-8534 (JP).

- (71) LA VIDIA CO. [KR/KR]; 246D YERC
Yonsei Univ., Shinchon-dong 134, Seoda-
mun-gu, Seoul, Korea, 120-749 Seoul (KR).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) PARK, Jung-Ho [KR/KR]; 607-1302
ho, Cheong-gu Apt., Yimac-dong, Bun-
dang-gu, Seongnam-city, Kyunggi-do,
463-905 Seongnam (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).

- Published / Publiée : (c)
(51)⁷ H04N 5/74
(11) WO 03/081907 (13) A1
(21) PCT/KR02/00890
(22) 14 May/mai 2002 (14.05.2002)
(25) en (26) en
(30) 2002-0016236 25 Mar/mar 2002 KR
(25.03.2002)
(30) 2002-0009022(U.M) 26 Mar/mar 2002 KR
(26.03.2002)
(43) 2 Oct/oct 2003 (02.10.2003)
(54) • A PORTABLE FOLDED PROJECTION
SYSTEM
• SYSTEME DE PROJECTION PLIABLE
PORTABLE

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TERASHIMA, Takao** [JP/JP]; B-801, 1-4-1, Yamateminami, Kyotanabe-shi, Kyoto 610-0354 (JP). **KONISHI, Tadashi** [JP/JP]; 2-4-1-703, Nasahara, Takatsuki-shi, Osaka 569-1041 (JP). **KIMURA, Mari** [JP/JP]; 4-12, Nukatacho, Higashiosaka-shi, Osaka 579-8021 (JP). **UENAKA, Yoshiro** [JP/JP]; 17-7, Misawacho, Ibaraki-shi, Osaka 567-0862 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/92, G11B 20/12

(11) WO 03/081910 (13) A1

(21) PCT/JP03/03349

(22) 19 Mar/mar 2003 (19.03.2003)

(25) ja (26) ja

(30) 2002-80402 22 Mar/mar 2002 JP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • INFORMATION RECORDING MEDIUM, INFORMATION RECORDING DEVICE AND METHOD, INFORMATION REPRODUCTION DEVICE AND METHOD, INFORMATION RECORDING/REPRODUCTION DEVICE AND METHOD, RECORDING OR REPRODUCTION CONTROL COMPUTER PROGRAM, AND DATA STRUCTURE CONTAINING CONTROL SIGNAL

• SUPPORT D'ENREGISTREMENT DE DONNEES, DISPOSITIF ET PROCEDE D'ENREGISTREMENT DE DONNEES, DISPOSITIF ET PROCEDE DE REPRODUCTION DE DONNEES, DISPOSITIF ET PROCEDE D'ENREGISTREMENT/REPRODUCTION DE DONNEES, PROGRAMME DE COMMANDE D'ENREGISTREMENT OU DE REPRODUCTION ET STRUCTURE DE DONNEES CONTENANT UN SIGNAL DE COMMANDE

(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) **FUKUDA, Yasuko** [JP/JP]; c/o PIONEER CORPORATION, Tokorozawa Works., 2610, Hanazono 4-chome, Tokorozawa-shi, Saitama 359-8522 (JP). **NAKAHARA, Masanori** [JP/JP]; c/o PIONEER CORPORATION, Tokorozawa Works., 2610, Hanazono 4-chome, Tokorozawa-shi,

Saitama 359-8522 (JP). **KANEGAE, Tohru** [JP/JP]; c/o PIONEER CORPORATION, Tokorozawa Works., 2610, Hanazono 4-chome, Tokorozawa-shi, Saitama 359-8522 (JP). **TAKAKUWA, Nobuyuki** [JP/JP]; c/o PIONEER CORPORATION, Tokorozawa Works., 2610, Hanazono 4-chome, Tokorozawa-shi, Saitama 359-8522 (JP). **SAWABE, Takao** [JP/JP]; c/o PIONEER CORPORATION, Tokorozawa Works., 2610, Hanazono 4-chome, Tokorozawa-shi, Saitama 359-8522 (JP). **KODA, Takeshi** [JP/JP]; c/o PIONEER CORPORATION, Tokorozawa Works., 2610, Hanazono 4-chome, Tokorozawa-shi, Saitama 359-8522 (JP).

(74) **EGAMI, Tatsuo et al.** / etc.; c/o Tokyo Central Patent Firm, Oak Building Kyobashi 4th Floor, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/14, G02B 5/32, G06F 3/033

(11) WO 03/081911 (13) A1

(21) PCT/GB03/00997

(22) 11 Mar/mar 2003 (11.03.2003)

(25) en (26) en

(30) 02252059.7 22 Mar/mar 2002 EP (22.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • INTERACTIVE VIDEO SYSTEM
• SYSTEME VIDEO INTERACTIF

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PAYNE, Roger, Alyn** [GB/GB]; 34 Cordy's Lane, Trinley ST Mary, Ipswich, Suffolk IP11 0UD (GB). **ORMSTON, Christopher, Stephen** [GB/GB]; 3 Fairbairn Avenue, Kesgrave, Ipswich, Suffolk IP5 2YS (GB). **HARDWICK, Andrew, John** [GB/GB]; 55 Reading Road, Ipswich, Suffolk IP4 4NR (GB). **BROWN, Peter, John** [GB/GB]; 14 Alberta Close, Kesgrave, Ipswich, Suffolk IP5 1HS (GB).

(74) **WALLIN, Nicholas, James**; BT Group Legal, Intellectual Property Department, Holborn Centre, 8TH Floor, 120 Holborn (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04N 7/14

(11) WO 03/081912 (13) A1

(21) PCT/IB03/01688

(22) 27 Mar/mar 2003 (27.03.2003)

(25) en (26) en

(30) 10/115,323 27 Mar/mar 2002 US (27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • IMAGING APPARATUS

• APPAREIL DE FORMATION D'IMAGES

(71) **MARCONI COMMUNICATIONS, INC.** [US/US]; 1000 Marconi Drive, Warrendale, PA 15086 (US).

(72) **CAMPBELL, Robert, Craig**; 507 Sheffield Court, Cranberry Township, PA 16066 (US). **DRURY, David, Markham**; 1047 Canter Oak Drive, Pittsburgh, PA 15237 (US). **HUBER, Richard, R.**; 139 Swain Hill Road, Harmony, PA 16037 (US). **STRAIT, John, P.**; 1017 N. Sheridan Avenue, Pittsburgh, PA 15206 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04N 7/16, 7/167

(11) WO 03/081913 (13) A2

(21) PCT/EP03/02985

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(30) 102 12 656.9 21 Mar/mar 2002 DE (21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • SELECTIVE MULTIMEDIA DATA ENCRYPTION

• ENCRYPTAGE SELECTIF DE DONNEES MULTIMEDIA

(71) **SCM MICROSYSTEMS GMBH** [DE/DE]; Oskar-Messner-Strasse 13, 85737 Ismaning (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GENEVOIS, Christophe** [FR/FR]; 34, avenue Marx Dormoy, F-83740 La Cadière d'Azur (FR).

(74) **DEGWERT, Hartmut**; Prinz & Partner GbR, Manzingerweg 7, 81241 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/16

(11) **WO 03/081914** (13) A1

(21) PCT/IB03/01063

(22) **14 Mar/mar 2003 (14.03.2003)**

(25) en (26) en

(30) 02/03615 **22 Mar/mar 2002 FR (22.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DOWNLOADING OF SOFTWARE PROGRAMS

• TELECHARGEMENT DE PROGRAMMES LOGICIELS

(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) **CALMELS, Eric** [FR/FR]; Société Civile SPID c/o, 156§ boulevard Haussmann, F-75008 Paris (FR). **DESMICHT, Eric** [FR/FR]; Société Civile SPID c/o, 156, boulevard Haussmann, F-75008 Paris (FR).

(74) **CHAFFRAIX, Jean**; Société Civile SPID, 156, bBoulevard Haussmann, 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/16, 9/64

(11) **WO 03/081915** (13) A1

(21) PCT/US03/08597

(22) **19 Mar/mar 2003 (19.03.2003)**

(25) en (26) en

(30) 10/102,043 **20 Mar/mar 2002 US (20.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • COMPOSITE BUFFERING

• SYSTEME DE GESTION DE MEMOIRES TAMPONS COMPOSITES

(71) **SCIENTIFIC-ATLANTA, INC.** [US/US]; 5030 Sugarloaf Parkway, Lawrenceville, GA 30044 (US).

(72) **WEST, John, Eric**; 3389 Ambleside Place, Roswell, GA 30075 (US). **RODRIGUEZ, Arturo, A.**; 5315 Abigail Lane, Norcross, GA 30092 (US).

(74) **MASSARONI, Kenneth, M. et al.** / etc.; Scientific-Atlanta, Inc., Intellectual Property Department, 5030 Sugarloaf Parkway, Lawrenceville, GA 30044 (US).

(81) CA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04N 7/20

(11) **WO 03/081916** (13) A1

(21) PCT/IB03/00750

(22) **26 Feb/fév 2003 (26.02.2003)**

(25) en (26) en

(30) 02076188.8 **26 Mar/mar 2002 EP (26.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A HIGH FREQUENCY TUNER

• SYNTONISEUR HAUTE FREQUENCE

(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) **HOIJMANS, Pieter, W.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAUCHER, Cicero, S.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **DUIJVESTIJN, Adrianus, J.**; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/24, 7/088

(11) **WO 03/081917** (13) A1

(21) PCT/IB03/00593

(22) **17 Feb/fév 2003 (17.02.2003)**

(25) en (26) en

(30) 02076107.8 **21 Mar/mar 2002 EP (21.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • MULTI-LINGUAL CLOSED-CAPTIONING

• SOUS-TITRAGE CODE EN PLUSIEURS LANGUES

(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) **BAKER, Keith** [GB/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **SCHMITZ, Herman, J., R.**; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/26

(11) **WO 03/081918** (13) A1

(21) PCT/GB03/01267

(22) **25 Mar/mar 2003 (25.03.2003)**

(25) en (26) en

(30) 10/106,424 **25 Mar/mar 2002 US (25.03.2002)**

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • VIDEO CODEC WITH HIERARCHICAL MOTION ESTIMATION IN THE WAVELET DOMAIN

• CODEC VIDEO A ESTIMATION DE MOUVEMENT HIERARCHIQUE DANS LE DOMAINE ONDELETTES

(71) **VISIOPRIME LTD.** [GB/GB]; 40 Occam Road, Guildford, Surrey GU2 7YG (GB).

(72) **AKHAN, Mehmet, Bilgay**; 13 Boshier Gardens, Egham, Surrey TW20 9NZ (GB). **AKAR, Gozde, Bozdagi**; Bilkent Universities Lojmanlari 28/6, 05633 Ankara (TR). **AKSAY, Anil**; Flat 29 Eastgate House, High Street, Guildford, Surrey GU1 3DE (GB). **TEMIZEL, Alptekin**; Oakcroft, Guildford Road, Guildford, Surrey GU3 2DA (GB). **AHISKA, Yavuz**; Goldside, 12 Clare Hill, Esher, Surrey KT10 9NA (GB).

(74) **PICKER, Madeline, M.**; Brookes Batchelor, 102-108 Clerkenwell Road, London EC1M 5SA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H04N 7/26, 1/41, G06T 9/00
 (11) WO 03/081919 (13) A1
 (21) PCT/US03/07167
 (22) 10 Mar/mar 2003 (10.03.2003)
 (25) en (26) en
 (30) 10/100,154 18 Mar/mar 2002 US (18.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • EFFICIENT ORDERING OF DATA FOR COMPRESSION AND VISUALIZATION
 • CLASSEMENT DE DONNEES EFFICACE PERMETTANT COMPRESSION ET LEUR VISUALISATION
 (71) SIEMENS CORPORATE RESEARCH, INC. [US/US]; 755 College Road East, Princeton, NJ 08540 (US).
 (72) KRISHNAN, Arun; 8307 Timberline Court, Monmouth Junction, NJ 08852 (US).
 (74) PASCHBURG, Donald B. et al. / etc.; Siemens Corporation - Intellectual Property Dept., 170 Wood Ave. South, Iselin, NJ 08830 (US).
 (81) AU CA CN JP
-
- (51)⁷ H04N 13/00
 (11) WO 03/081920 (13) A2
 (21) PCT/GB03/01273
 (22) 25 Mar/mar 2003 (25.03.2003)
 (25) en (26) en
 (30) 0207014.2 25 Mar/mar 2002 GB (25.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • PRODUCTION OF SIMULATED 3-D IMAGES
 • PRODUCTION D'IMAGES 3-D SIMULEES
 (71) LIVING AD LIMITED [GB/GB]; 8 Campion Close, Watford WD25 7PL (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) HANNEY, Michael, John [GB/GB]; 5 Holland Gardens, Egham, Surrey TW20 8TA (GB). FERRARI, Christopher, John [GB/GB]; 6 Kiln Ride, Wokingham, Berkshire RG40 3JL (GB). THOMAS, Graham [GB/GB]; 7 Quadrangle Mews, Belmont Lane, Stanmore, Middlesex HA7 2PW (GB).
 (74) GALLAFENT & COMPANY; 9 Staple Inn, London WC1V 7QH (GB).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US VZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04N 13/00, 13/02, 13/04, G06T 17/40
 (11) WO 03/081921 (13) A1
 (21) PCT/JP03/03791
 (22) 27 Mar/mar 2003 (27.03.2003)
 (25) ja (26) ja
 (30) 2002-87493 27 Mar/mar 2002 JP (27.03.2002)
 (30) 2002-87496 27 Mar/mar 2002 JP (27.03.2002)
 (30) 2002-87494 27 Mar/mar 2002 JP (27.03.2002)
 (30) 2002-87495 27 Mar/mar 2002 JP (27.03.2002)
 (30) 2002-87497 27 Mar/mar 2002 JP (27.03.2002)
 (30) 2003-3761 9 Jan/jan 2003 JP (09.01.2003)
 (30) 2003-3763 9 Jan/jan 2003 JP (09.01.2003)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • 3-DIMENSIONAL IMAGE PROCESSING METHOD AND DEVICE
 • PROCEDE DE TRAITEMENT D'IMAGES TRIDIMENSIONNELLES ET DISPOSITIF
 (71) SANYO ELECTRIC CO., LTD. [JP/JP]; 2-5-5, Keihan-Hondori, Moriguchi-shi, Osaka 570-0083 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) MASHITANI, Ken [JP/JP]; 12-43-201, Hiraike-cho, Neyagawa-shi, Osaka 572-0839 (JP). HAMAGISHI, Goro [JP/JP]; 6-9-22, Sonhigashimachi, Toyonaka-shi, Osaka 560-0802 (JP). TAKEMOTO, Satoshi [JP/JP]; 3-14-5-202, Midorigaoka, Takatsuki-shi, Osaka 569-1026 (JP).
 (74) MORISHITA, Sakaki; 2-17-16, Ebisu-Nishi, Shibuya-ku, Tokyo 150-0021 (JP).
 (81) CN KR US.
 (84) EP (DE FR GB).
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- (51)⁷ H04Q 3/00
 (11) WO 03/081922 (13) A1
 (21) PCT/IB03/00296
 (22) 30 Jan/jan 2003 (30.01.2003)
 (25) en (26) en
 (30) 10/104,992 21 Mar/mar 2002 US (21.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • METHOD AND SYSTEM FOR ALIGNING A POINT-TO-MULTIPOINT ACCESS TERMINAL
 • PROCEDE ET SYSTEME D'ALIGNEMENT D'UN TERMINAL D'ACCES POINT A MULTIPOINT
 (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 ESPOO (FI).
 (71) NOKIA INC. [US/US]; 6000 Connection Drive, Irving, Tx Texas 75039 (US).
(only for / seulement pour LC)
 (72) LOUHI, Jyrki, Tapio; Reserviläisentie 9B, FIN-02660 Espoo (FI).
 (74) BRANCH, JOHN, W.; 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US VZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 Published / Publiée : (c)
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- (51)⁷ H04Q 7/20
 (11) WO 03/081923 (13) A1
 (21) PCT/CN02/00517
 (22) 23 Jul/juil 2002 (23.07.2002)
 (25) zh (26) zh
 (30) 02111134.0 22 Mar/mar 2002 CN (22.03.2002)
 (43) 2 Oct/oct 2003 (02.10.2003)
 (54) • METHOD FOR IMPLEMENTING HOME LOCATION REGISTER TO HANDLING FAILURE BY THE MOBILE COMMUNICATION SERVICE SYSTEM
 • PROCEDE DE MISE EN OEUVRE D'UN ENREGISTREUR DE LOCALISATION NOMINAL EN VUE DE LA GESTION DES DEFAILLANCES PAR LE SYSTEME DE SERVICE DE COMMUNICATION MOBILE
 (71) HUAWEI TECHNOLOGIES CO., LTD. [CN/CN]; Intellectual Property Department, Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Shenzhen, Guangdong 518057 (CN).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) WANG, Jincheng [CN/CN]; Intellectual Property Department, Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Shenzhen, Guangdong 518057 (CN). MENG, Guangbin [CN/CN]; Intellectual Property Department, Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Shenzhen, Guangdong 518057 (CN). ZHANG, Jianbao [CN/CN]; Intellectual Property Department, Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Shenzhen, Guangdong 518057 (CN).
 (74) BEIJING UNITALEN PATENT & TRADEMARK LAW FIRM; WANG, Xueqiang, 7th Floor, Seitech Place No. 22 Jian Guo Men Wai Ave, Chao Yang District, Beijing 100004 (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 VZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/22

(11) WO 03/081924 (13) A1

(21) PCT/GB03/01158

(22) 17 Mar/mar 2003 (17.03.2003)

(25) en (26) en

(30) 0206985.4 25 Mar/mar 2002 GB (25.03.2002)

(30) 0223791.5 12 Oct/oct 2002 GB (12.10.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TELECOMMUNICATIONS SERVICES APPARATUS

• APPAREIL DE SERVICES DE TELECOMMUNICATIONS

(71) INTELLPROP LIMITED [—/—]; National Westminster House, Le Truchot, St Peter Port, Guernsey (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILSON, Jeffrey [GB/GB]; 53 Kiln Road, Fareham, Hampshire PO16 7UH (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04Q 7/28

(11) WO 03/081925 (13) A1

(21) PCT/US03/07450

(22) 11 Mar/mar 2003 (11.03.2003)

(25) en (26) en

(30) 10/101,891 19 Mar/mar 2002 US (19.03.2002)

(30) 10/102,052 19 Mar/mar 2002 US (19.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DYNAMIC CHANNEL SELECTION IN WIRELESS MODEMS

• SELECTION DE CANAL DYNAMIQUE DANS DES MODEMS SANS FIL

(71) MAGIS NETWORKS, INC. [US/US]; 12651 High Bluff Drive, San Diego, CA 92130 (US).

(72) RAZAVILAR, Javad; 12342 Salvia Way, San Diego, CA 92129 (US). NEERAJ, Poojary; 7045 Charmant Drive, #127, San Diego,

CA 92122 (US). CONNORS, Dennis, P.; 4645 Exbury Court, San Diego, CA 92130 (US). CRAWFORD, James, A.; 13183 Seagroove Street, San Diego, CA 92130 (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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/32, 7/22

(11) WO 03/081926 (13) A1

(21) PCT/DE02/04640

(22) 18 Dec/déc 2002 (18.12.2002)

(25) de (26) de

(30) 102 13 528.2 26 Mar/mar 2002 DE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TELECOMMUNICATIONS TERMINAL
• TERMINAL DE TELECOMMUNICATIONS

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMIDT, Holger [DE/DE]; Comeniusstrasse 45 (HH), 38102 Braunschweig (DE). HANS, Martin [DE/DE]; Sohldefeld 19, 31139 Hildesheim (DE). ECKERT, Michael [DE/DE]; Hilsstrasse 1, 38122 Braunschweig (DE). CHOI, Hyung-Nam [KR/DE]; Amrumer Knick 11, 22117 Hamburg (DE). BIENAS, Maik [DE/DE]; Spantankerstrasse 10, 30519 Hannover (DE). VAN NIEKERK, Sabine [NL/DE]; Erich-Ollenhauer-Strasse 126, 38228 Salzgitter (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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR 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)

(u) for / pour US only / seulement

(51)⁷ H04Q 7/32, H04L 12/56

(11) WO 03/081927 (13) A1

(21) PCT/EP03/03101

(22) 15 Mar/mar 2003 (15.03.2003)

(25) de (26) de

(30) 102 13 733.1 26 Mar/mar 2002 DE (26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • TRANSMISSION OF SPEECH INFORMATION IN A PACKET-ORIENTED NETWORK

• TRANSMISSION D'INFORMATIONS VOCALES DANS UN RESEAU ORIENTE PAQUETS

(71) FG MICROTEC GMBH [DE/DE]; Kronstadter Strasse 9, 81677 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIRBAHA, Ramin [DE/DE]; Ahornweg 23, 85221 Dachau (DE). MIRBAHA, Vahid [DE/DE]; Am Stiergraben 12, 63128 Dietzenbach (DE).

(74) 2K PATENTANWÄLTE KEWITZ & KOLLEGEN; Corneliusstr. 18, 60325 Frankfurt a. M. (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ H04Q 7/32

(11) WO 03/081928 (13) A1

(21) PCT/FR03/00891

(22) 20 Mar/mar 2003 (20.03.2003)

(25) fr (26) fr

(30) 02/03696 25 Mar/mar 2002 FR (25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • COMMUNICATION SYSTEM AND RELATED SUPERVISION METHOD
• SYSTEME DE COMMUNICATION ET PROCEDE DE SUPERVISION ASSOCIE
- (71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec H4S 2A9 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LUCIDARME, Thierry [FR/FR]; 1, allée Etienne Falconet, F-78180 Montigny-le-Bretonneux (FR). LESCUYER, Pierre [FR/FR]; 31, rue de la Sourderrie, F-78180 Montigny-le-Bretonneux (FR).
- (74) LOISEL, Bertrand et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ H04Q 7/32
- (11) WO 03/081929 (13) A1
- (21) PCT/JP03/03384
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) ja (26) ja
- (30) 2002/87337 27 Mar/mar 2002 JP (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MOBILE TERMINAL DEVICE AND COMMUNICATION DEVICE SYSTEM USING THE MOBILE TERMINAL DEVICE
• TERMINAL MOBILE ET SYSTEME POUR DISPOSITIF DE COMMUNICATION UTILISANT CE TERMINAL MOBILE
- (71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). SANYO TELECOMMUNICATIONS 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) EGAMI, Tsuyoshi [JP/JP]; 1-1-5-109, Doshodai, Suma-ku, Kobe-shi, Hyogo 654-0122 (JP). KOBAYASHI, Nobuaki [JP/JP]; 3-12-702, Higashiebatacho, Kadoma-shi, Osaka 571-0008 (JP).
- (74) MARUYAMA, Toshiyuki; 10-12, Nakamiya 4-chome, Asahi-ku, Osaka-shi, Osaka 535-0003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ H04Q 7/38, H04B 7/26, 7/212
- (11) WO 03/081931 (13) A1
- (21) PCT/EP03/03057
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) en (26) en
- (30) 02252254.4 27 Mar/mar 2002 EP (27.03.2002)
- (30) 60/370,636 8 Apr/avr 2002 US (08.04.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • CONTROL OF FRAME TIMING ON HANDOVER
• REGULATION DU RYTHME DE TRAME LORS D'UN TRANSFERT INTERCELLULAIRE
- (71) TELEFONAKTIEBOLAGET L M ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PALENIUS, Torgny [SE/SE]; Svalörtrvägen 10, S-246 50 Löddeköpinge (SE). ÖSTBERG, Christer [SE/SE]; Björkvägen 8, S-245 44 Staffanstorp (SE).
- (74) O'CONNELL, David, Christopher; 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H04Q 7/38
- (11) WO 03/081932 (13) A1
- (21) PCT/IB02/02045
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • MULTIPLE SECURITY LEVEL MOBILE TELECOMMUNICATIONS DEVICE, SYSTEM AND METHOD
• DISPOSITIF, SYSTEME ET PROCEDE DE TELECOMMUNICATIONS MOBILES A PLUSIEURS NIVEAUX DE SECURITE
- (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) TUULOS, Martti [FI/FI]; Pilotinkatu 38, FIN-33900 Tampere (FI). VARANKI, Kari-Matti [FI/FI]; Vihnuskallionkatu 6, FIN-37150 Nokia (FI).
- (74) STYLE, Kelda, Camilla, Karen 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 NI NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM 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)⁷ H04Q 7/38

(11) WO 03/081933 (13) A2

(21) PCT/IB02/04842

(22) 20 Nov/nov 2002 (20.11.2002)

(25) en (26) en

(30) 60/366,431 21 Mar/mar 2002 US
(21.03.2002)

(30) 60/373,082 16 Apr/avr 2002 US
(16.04.2002)

(30) 10/223,838 20 Aug/août 2002 US
(20.08.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • FORWARD LINK SUPERVISION FOR
PACKET DATA USERS IN A WIRELESS
COMMUNICATION NETWORK

• SUPERVISION D'UNE LIAISON
AVALÉ POUR DES UTILISATEURS
DE PAQUETS DE DONNEES DANS UN
RESEAU DE COMMUNICATION SANS
FIL

(71) TELEFONAKTIEBOLAGET LM ERIC-
SSON [SE/SE]; Patent Unit, KI/ECS/B/AP,
S-126 25 Stockholm (SE).

(72) SOONG, Anthony; 1967 Eldorado Drive,
Superior, CO 80027 (US). OH, Seong-Jun;
3883 Creststone Place, San Diego, CA 92130
(US). ATHALYE, Sanjeev; 11377 Wills
Creek Road, San Diego, CA 92131 (US).
COMSTOCK, David; 4314 Corte al Fresco,
San Diego, CA 92130 (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 SC 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
designations

(t) for all designations / pour toutes les
designations

(51)⁷ H04Q 7/38, H04L 9/32

(11) WO 03/081934 (13) A1

(21) PCT/IB02/00911

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • APPARATUS, METHOD AND SYSTEM
FOR AUTHENTICATION

• APPAREIL, PROCEDE ET SYSTEME
D'AUTHENTIFICATION

(71) NOKIA CORPORATION [FI/FI]; P.O. Box
226, FIN-00045 Nokia Group (FI).

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les États désignés sauf US)

(72, 75) HUSSMANN, Holger [DE/FI]; Sa-
takunnankatu 22, E125, FIN-33210 Tampere
(FI).

(74) AWAPATENT AB; P.O. 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ H04Q 7/38

(11) WO 03/081935 (13) A1

(21) PCT/IB02/00919

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DATA ROUTING

• ACHEMINEMENT DE DONNEES

(71) NOKIA CORPORATION [FI/FI];
Keilalahdentie 4, FIN-02510 Espoo (FI).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HAKALIN, Petteri [ES/ES]; Calle
Salamanca, 24, La Capellania, E-29639
Benalmadena, Malaga (ES). PAREDES,
Gerardo Gomez [ES/ES]; Urb Xarblanca
Park, 88, E-29600 Marbella (ES). LINARES,
Hector Montes [ES/ES]; Calle Gallito, n°2
6° K-3, E-29004 Malaga (ES).

(74) RICHARDS, David, John 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ H04Q 7/38, H04L 12/14, H04M 15/00

(11) WO 03/081936 (13) A1

(21) PCT/IB02/00936

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • BILLING IN A COMMUNICATION
SYSTEM

• FACTURATION DANS UN SYSTEME
DE COMMUNICATION

(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) KOSKINEN, Juha-Pekka [FI/FI];
Heinajoenkatu 13, FIN-13210 Hammeenlinna
(FI). VALLINEN, Juha, R. [FI/FI]; Lento-
kentankatu 36, FIN-33900 Tampere (FI).

(74) STYLE, Kelda, Camilla, Karen et al. / etc.;
Page White & Farrer, 54 Doughty Street, Lon-
don 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM 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)⁷ H04Q 7/38, 7/22, 7/32

(11) WO 03/081937 (13) A1

(21) PCT/IB03/01410

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 10/109,565 27 Mar/mar 2002 US
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • A METHOD OF REGISTERING AND
DEREGISTERING A USER

• PROCEDURE D'ENREGISTREMENT
OU DE RADIATION D'UN UTILISA-
TEUR

(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) KALLE, Tammi [FI/FI]; Vernissaraitti 8
A 9, FIN-33270 Tampere (FI).

(74) STYLE, Kelda, Camilla, Karen et al. / etc.;
Page White & Farrer, 54 Doughty Street, Lon-
don 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 SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

- (51)⁷ H04Q 7/38, H04L 5/02, 25/02, H04B 7/02
(11) WO 03/081938 (13) A1
(21) PCT/IB03/00153
(22) 22 Jan/jan 2003 (22.01.2003)
(25) en (26) en
(30) 10/104,399 22 Mar/mar 2002 US (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SOFT HANDOFF FOR OFDM
• TRANSFERT EN DOUCEUR POUR OFDM
- (71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent., Quebec H4S 2A9 (CA).
- (72) MA, Jianglei; 3 Bon Echo Crescent, Brildwood, Kanata, Ontario K2M 2W5 (CA). JIA, Ming; 609-320 Croydon Avenue, Ottawa, Ontario K2B 5P3 (CA). ZHU, Peiyang; 16 Pebble Creek Crescent, Kanata, Ontario K2M 2L4 (CA). TONG, Wen; 12 Whitestone Dr., Ottawa, Ontario K2C 4A7 (CA). YU, Dong-Sheng; 704-15 Woodridge Crescent, Ottawa, Ontario K2B 7T3 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04Q 7/38, H04L 29/08
(11) WO 03/081940 (13) A1
(21) PCT/SE03/00466
(22) 21 Mar/mar 2003 (21.03.2003)
(25) en (26) en
(30) 0200953-8 27 Mar/mar 2002 SE (27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A METHOD FOR EXCHANGING USER-SPECIFIC DATA FROM A MOBILE NETWORK TO A SERVICE APPLICATION OF AN EXTERNAL SERVICE PROVIDER USING A UNIQUE APPLICATION USER ID CODE
• PROCEDE D'ECHANGE DE DONNEES SPECIFIQUES A DES UTILISATEURS, D'UN RESEAU MOBILE VERS UNE APPLICATION DE SERVICE D'UN FOURNISSEUR DE SERVICES EXTERNES, AU MOYEN D'UN CODE D'IDENTIFICATION D'UTILISATEUR D'APPLICATION UNIQUE
- (71) TELEFONAKTIEBOLAGET L M ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HALLENSLEBEN, Sebastian [DE/GB]; 112 Royal George Road, Burgess Hill RH15 9SL (GB).
- (74) HAGSTRÖM, Hans et al. / etc.; Bergenstråhle & 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 NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04Q 7/38
(11) WO 03/081939 (13) A1
(21) PCT/IB03/00996
(22) 26 Feb/fév 2003 (26.02.2003)
(25) en (26) en
(30) 0207129.8 26 Mar/mar 2002 GB (26.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • POSITIONING-TRIGGERED HANDOVER
• TRANSFERT DECLENCHE A DES FINS DE LOCALISATION
- (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) HULKKONEN, Tony [FI/FI]; Varitehtaankatu 2 C 78, FIN-01300 Vantaa (FI). BACK, Juha [FI/FI]; Tulisuoinkuja 1 A 4, FIN-00930 Helsinki (FI). MUHONEN, Janne [FI/FI]; Hiekkalaiturintie 9 B 21, FIN-00980 Helsinki (FI).
- (74) SLINGSBY, Philip, Roy 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (54) • OPTICAL SWITCHING STATION AND CONNECTION METHOD FOR THE SAME
• STATION DE COMMUTATION OPTIQUE ET PROCEDE DE COMMUTATION ASSOCIE
- (71) MARCONI COMMUNICATIONS GMBH [DE/DE]; Gerberstrasse 33, 71520 Backnang (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PICHLER, Olaf [DE/DE]; Häfnersweg 62, 71522 Backnang (DE). GUILD, Kenneth [GB/GB]; 42 Old Ferry Road, Wivenhoe, Colchester, Essex CO7 9SW (GB). ELBERS, Jörg-Peter [DE/DE]; Hufschmiedstrasse 9, 81429 München (DE).
- (74) HEUER, Wilhelm; Am Floßkanal 7, 82515 Wolfratshausen (DE).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ H04Q 11/00, H04M 11/06
(11) WO 03/081942 (13) A1
(21) PCT/EP03/03248
(22) 10 Mar/mar 2003 (10.03.2003)
(25) en (26) en
(30) 02368030.9 21 Mar/mar 2002 EP (21.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • METHOD AND SYSTEMS FOR OPTIMIZING ADSL CONNECTIONS IN DSL ACCESS MULTIPLEXOR
• PROCEDE ET SYSTEME PERMETTANT D'OPTIMISER LES CONNEXIONS ADSL CONNECTIONS DANS UN MULTIPLEXEUR D'ACCES DSL
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
(only for / seulement pour MC)
- (71) COMPAGNIE IBM FRANCE [FR/FR]; Tour Descartes, 2, avenue Gambetta, La Défense 5, 92400 Courbevoie (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ELEFThERIOU, Evangelos, S. [GR/CH]; Bellariastrasse 53, CH-8038 Zurich (CH). OELCER, Sedat [CH/CH]; Apfelmatte 17, CH-8804 Au (CH). ABDELILAH, Youssef [US/US]; 717 Little Leaf Ct., Holly Springs, NC 27540 (US). DAVIS, Gordon, Taylor [US/US]; 97603 Franklin Ridge, Chapel Hill, NC 27517 (US). DERBY, Jeff, H. [US/US]; 104 Foxridge Court, Chapel Hill, NC 27514 (US). HWANG, Dongming [US/US]; 1257 Horsam Way, Apex, NC 27502 (US). WARE, Malcolm [US/US]; 4605 Gamelyn Walk, Raleigh, NC 27612 (US). YE, Hua [CN/US]; 3912 Springstop Ln., Durham, NC 27705 (US).
- (74) DE PENA, Alain et al. / etc.; Compagnie IBM France, Direction de la Propriété Intellectuelle, F-06610 La Gaude (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
-
- (51)⁷ H04Q 11/00
(11) WO 03/081941 (13) A2
(21) PCT/EP03/02998
(22) 22 Mar/mar 2003 (22.03.2003)
(25) de (26) de
(30) 102 13 133.3 23 Mar/mar 2002 DE (23.03.2002)
(30) 102 31 275.3 10 Jul/juil 2002 DE (10.07.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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Declaration / Déclaration :

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(21) PCT/FR03/00867

(22) 25 Mar/mar 2003 (25.03.2003)

(25) fr (26) fr

(30) 02/03694 25 Mar/mar 2002 FR
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • DISTRIBUTING SIGNAL CROSS-CON-
NECTOR FOR OPTICAL CONNec-
TORS

• BRASSEUR DE SIGNAUX DIFFUSANT
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(74) SCIAUX, Edmond; Compañie Financière
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(81) CN US.

Declaration / Déclaration :

(r) for the following designation / pour la
désignation suivante : US

(51)⁷ H04Q 11/00

(11) WO 03/081944 (13) A1

(21) PCT/IB03/01469

(22) 18 Mar/mar 2003 (18.03.2003)

(25) en (26) en

(30) 102 13 133.3 23 Mar/mar 2002 DE
(23.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • OPTICAL CROSS-CONNECTOR CON-
TAINING A MULTI-STAGE CLOS NET-
WORK IN WHICH A SINGLE-STAGE
MATRIX COMPRISES ONE STAGE OF
THE CLOS NETWORK

• RESEAU CLOS A ETAGES MULTIPLES
DANS LEQUEL UNE MATRICE A
ETAGE UNIQUE COMPREND UN
ETAGE DU RESEAU CLOS

(71) MARCONI COMMUNICATIONS
GMBH [DE/DE]; Gerberstrasse 33, 71520
Backnang (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PICHLER, Olaf [DE/DE]; Häfnersweg
62, 71522 Backnang (DE). ELBERS, Jörg,
Peter [DE/DE]; Hufschmiedstr. 9, 81249
München (DE). GUILD, Kenneth [GB/GB];
122 Crown Woods Way, Eltham, London SE9
2NJ (GB).

(74) COLLIER, Ian, Terry; Marconi Intellectual
Property, Marrable House, The Vineyards,
Great Baddow, Chelmsford, Essex CM2 7QS
(GB).

(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 SK
SL TJ TM TR TT TZ UA UG US UZ VN YU
ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ H04R 9/16, G11B 3/46

(11) WO 03/081945 (13) A1

(21) PCT/JP03/03901

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(30) 2002-130205 27 Mar/mar 2002 JP
(27.03.2002)

(30) 2002-295343 8 Oct/oct 2002 JP
(08.10.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • PICKUP DEVICE

• DISPOSITIF DE LECTURE

(71, 72) MIYAJIMA, Noriyuki [JP/JP]; 3-28,
Tomooka 2-chome, Jonan-ku, Fukuoka-shi,
Fukuoka 814-0112 (JP). MIYAJIMA,
Kazuma [JP/JP]; 3-28, Tomooka 2-chome,
Jonan-ku, Fukuoka-shi, Fukuoka 814-0112
(JP).

(74) MATSUO, Kenichiro et al. / etc.; Imaizumi
Koporasu 1F, 4-26, Imaizumi 2-chome,
Chuo-ku, Fukuoka-shi, Fukuoka 810-0021
(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 JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ H04R 25/00

(11) WO 03/081946 (13) A2

(21) PCT/DE03/00919

(22) 20 Mar/mar 2003 (20.03.2003)

(25) de (26) de

(30) 102 12 726.3 21 Mar/mar 2002 DE
(21.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • ACOUSTIC SENSOR FOR AN IM-
PLANTABLE HEARING AID

• CAPTEUR ACOUSTIQUE POUR PRO-
THESE AUDITIVE IMPLANTABLE

(71, 72) BERNHARD, Armin, Dipl.-Ing.
[AT/DE]; Johanniterstrasse 22-24, 52064
Aachen (DE).

(74) BAUER, Wulf et al. / etc.; Lindenallee 43,
50968 Köln (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT SE SI
SK TR).

(51)⁷ H04R 25/00 // H03G 3/00, H04L 27/00

(11) WO 03/081947 (13) A1

(21) PCT/DK03/00103

(22) 17 Feb/fév 2003 (17.02.2003)

(25) en (26) en

(30) PA 2002 00459 26 Mar/mar 2002 DK
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

(54) • METHOD FOR DYNAMIC DETER-
MINATION OF TIME CONSTANTS,
METHOD FOR LEVEL DETECTION,
METHOD FOR COMPRESSING AN
ELECTRIC AUDIO SIGNAL AND
HEARING AID, WHEREIN THE
METHOD FOR COMPRESSION IS
USED

• PROCEDE PERMETTANT DE DE-
TERMINER DES CONSTANTES DES
TEMPS DE FAÇON DYNAMIQUE,
PROCEDE DE DETECTION DE NI-
VEAU, PROCEDE DE COMPRESSION
D'UN SIGNAL AUDIO ELECTRIQUE,
ET AIDE AUDITIVE FAISANT APPEL
AU PROCEDE DE COMPRESSION

(71) OTICON A/S [DK/DK]; Strandvejen 58,
DK-2900 Hellerup (DK).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NEUMANN, Joachim [DE/DK]; CO
Oticon A/S, Strandvejen 58, DK-2900
Hellerup (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 SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04R 25/00

(11) WO 03/081948 (13) A2

(21) PCT/US03/07673

(22) 12 Mar/mar 2003 (12.03.2003)

- (25) en (26) en
- (30) 60/365,414 19 Mar/mar 2002 US (19.03.2002)
- (30) 10/345,867 16 Jan/jan 2003 US (16.01.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A HEARING INSTRUMENT ADJUSTMENT SYSTEM
• SYSTEME DE REGLAGE D'UNE PROTHESE AUDITIVE
- (71) SIEMENS HEARING INSTRUMENTS, INC. [US/US]; 10 Constitution Avenue, Piscataway, NJ 08855-1397 (US).
- (72) PUTVINSKI, Todd, Michael; 6 Elisha Drive, Allentown, NJ 08501 (US).
- (74) BURKE, Alexander, J. et al. / etc.; Siemens Corporation, Intellectual Property Dept., 170 Wood Avenue South, Iselin, NJ 08830 (US).
- (81) AU CN IN.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ H04R 25/00
- (11) WO 03/081949 (13) A2
- (21) PCT/US03/08294
- (22) 17 Mar/mar 2003 (17.03.2003)
- (25) en (26) en
- (30) 60/365,930 20 Mar/mar 2002 US (20.03.2002)
- (30) 10/218,013 13 Aug/août 2002 US (13.08.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A HEARING AID DEVICE AND COMPONENTS AND RELATED PRODUCTION PROCESS
• DISPOSITIF D'AIDE AUDITIVE, SES COMPOSANTS ET SON PROCEDE DE PRODUCTION
- (71) SIEMENS HEARING INSTRUMENTS, INC. [US/US]; 10 Constitution Avenue, Piscataway, NJ 08855-1397 (US).
- (72) SALTYSKOV, Oleg; 6 Allen Place, Fairlawn, NJ 07410 (US).
- (74) BURKE, Alexander, J. et al. / etc.; Siemens Corporation - Intellectual Property Dept., 170 Wood Ave. South, Iselin, NJ 08830 (US).
- (81) AU CN IN JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ H04R 25/02
- (11) WO 03/081950 (13) A1
- (21) PCT/US03/07675
- (22) 12 Mar/mar 2003 (12.03.2003)
- (25) en (26) en
- (30) 60/365,947 20 Mar/mar 2002 US (20.03.2002)
- (30) 10/345,086 15 Jan/jan 2003 US (15.01.2003)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HEARING AID WITH AN INTERFACE FRAME AND A CORRESPONDING PRODUCTION PROCESS
- PROTHESE AUDITIVE AVEC CADRE D'INTERFACE ET PROCEDE DE PRODUCTION CORRESPONDANT
- (71) SIEMENS HEARING INSTRUMENTS, INC. [US/US]; 10 Constitution Avenue, Piscataway, NJ 08855-1397 (US).
- (72) DOUDOUKJIAN, George; 163-10th Street, Belford, NJ 07718 (US).
- (74) BURKE, Alexander, J. et al. / etc.; Siemens Corporation, Intellectual Property Dept., 170 Wood Avenue South, Iselin, NJ 08830 (US).
- (81) AU CN IN JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (c)
-
- (51)⁷ H05B 1/00, 3/34, 3/08, F21V 7/00, F24D 19/02
- (11) WO 03/081951 (13) A1
- (21) PCT/US03/07962
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) en (26) en
- (30) 10/100,393 18 Mar/mar 2002 US (18.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • HEATER FOR ELECTRIC BLANKET
• CHAUFFAGE POUR COUVERTURE ELECTRIQUE
- (71, 72) IRWIN, Harold, W., Sr. [US/US]; 807 Prince Charles Lane, Schaumburg, IL 60194 (US). CHENG, Kin, Sang [CN/CN]; House no. 29, 1 Street, Section C, Fairview Park, Yuen Long, Hong Kong (CN). CRAWFORD, John [AU/AU]; 3 Church Terrace, Walkerville, South Australia (AU).
- (74) STOMMA, Peter, C.; Boyle Fredrickson Newholm Stein & Gratz, S.C., 250 East Wisconsin Avenue, Suite 1030, Milwaukee, WI 53202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ H05B 3/74
- (11) WO 03/081952 (13) A1
- (21) PCT/GB03/01016
- (22) 10 Mar/mar 2003 (10.03.2003)
- (25) en (26) en
- (30) 0206738.7 22 Mar/mar 2002 GB (22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ELECTRICAL HEATING ASSEMBLY
- ENSEMBLE CHAUFFANT ELECTRIQUE
- (71) CERAMASPEED LIMITED [GB/GB]; Zortech Avenue, Oldington, Kidderminster, Worcestershire DY11 7DY (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) McWILLIAMS, Kevin, Ronald [GB/GB]; 12 Broad Walk, Stratford Upon Avon, Warwickshire CV37 6HS (GB).
- (74) JACKSON, Derek, Charles; Derek Jackson Associates, The Old Yard, Lower Town, Claines, Worcester, Worcestershire WR3 7RY (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ H05B 6/46, 6/54
- (11) WO 03/081953 (13) A1
- (21) PCT/US03/07937
- (22) 14 Mar/mar 2003 (14.03.2003)
- (25) en (26) en
- (30) 60/364,737 18 Mar/mar 2002 US (18.03.2002)
- (30) 60/365,120 19 Mar/mar 2002 US (19.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ELECTRODE APPARATUS FOR STRAY FIELD RADIO FREQUENCY HEATING
• APPAREIL A ELECTRODE POUR LE CHAUFFAGE PAR RADIOFREQUENCE DE CHAMP PARASITE
- (71) CODACO, INC. [US/US]; 465 Paul Road, Rochester, NY 14624 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GORBOLD, Timothy, D. [US/US]; 28 Rochester Street, Scottsville, NY 14546 (US).
- (74) ROSENBLUM, Brian, S. 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 SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

CI CM GA GN GQ GW ML MR NE SN TD
TG).

Published / Publiée : (c)

(51)⁷ H05B 33/04, 33/10

(11) WO 03/081954 (13) A1

(21) PCT/JP03/03311

(22) 19 Mar/mar 2003 (19.03.2003)

(25) ja (26) ja

(30) 2002-082512 25 Mar/mar 2002 JP
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • ORGANIC ELECTROLUMINESCENCE DISPLAY PANEL AND METHOD FOR MANUFACTURING THE SAME
- ECRAN ELECTROLUMINESCENT ORGANIQUE ET SON PROCÉDE DE PRODUCTION

(71) PIONEER CORPORATION [JP/JP]; 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUBOTA, Hirofumi [JP/JP]; c/o Corporate Research and Development Laboratory, PIONEER CORPORATION, 6-1-1, Fujimi, Tsurugashima-shi, Saitama 350-2288 (JP).

(74) FUJIMURA, Motohiko; Fujimura & Associates, Ginza-Ohno Bldg., 1-17, Tsukiji 4-chome, Chuo-ku, Tokyo 104-0045 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05B 33/04, 33/10, 33/14

(11) WO 03/081955 (13) A1

(21) PCT/JP03/03312

(22) 19 Mar/mar 2003 (19.03.2003)

(25) ja (26) ja

(30) 2002-82510 25 Mar/mar 2002 JP
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • ORGANIC ELECTROLUMINESCENCE DISPLAY PANEL AND METHOD FOR MANUFACTURING THE SAME
- PANNEAU D'AFFICHAGE ORGANIQUE A ELECTROLUMINESCENCE ET SON PROCÉDE DE PRODUCTION

(71) PIONEER CORPORATION [JP/JP]; 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUGIMOTO, Akira [JP/JP]; c/o Corporate Research and Development Laboratory, Pioneer Corporation, 6-1-1, Fujimi,

Tsurugashima-shi, Saitama 350-2288 (JP). YOSHIDA, Ayako [JP/JP]; c/o Corporate Research and Development Laboratory, Pioneer Corporation, 6-1-1, Fujimi, Tsurugashima-shi, Saitama 350-2288 (JP). FUJIMURA, Soh [JP/JP]; c/o Corporate Research and Development Laboratory, Pioneer Corporation, 6-1-1, Fujimi, Tsurugashima-shi, Saitama 350-2288 (JP).

(74) FUJIMURA, Motohiko; Fujimura & Associates, 1-17, Tsukiji 4-chome, Chuo-ku, Tokyo 104-0045 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05B 33/10, 33/04, 33/14, C23C 16/507

(11) WO 03/081956 (13) A1

(21) PCT/JP03/03636

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(30) 2002-82229 25 Mar/mar 2002 JP
(25.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • DEVICE AND METHOD FOR FORMING FILM FOR ORGANIC EL ELEMENT USING INDUCTIVE COUPLING CVD

• DISPOSITIF ET PROCÉDE DE FORMATION D'UN FILM POUR ELEMENT ELECTROLUMINESCENT ORGANIQUE AU MOYEN D'UN DEPOT CHIMIQUE EN PHASE VAPEUR A COUPLAGE INDUCTIF

(71) SELVAC CORPORATION [JP/JP]; 17-2, Daigo Furumichi-cho, Fushimi-ku, Kyoto-shi, Kyoto 601-1316 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WADA, Kazuo [JP/JP]; 17-2, Daigo Furumichi-cho, Fushimi-ku, Kyoto-shi, Kyoto 601-1316 (JP).

(81) AT AU BR CA CN CZ DE GB IN KG KR NZ PL RU SE SG SK US VN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H05B 33/14, 33/22, 33/26, C09K 11/84

(11) WO 03/081957 (13) A1

(21) PCT/CA03/00424

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 60/367,510 27 Mar/mar 2002 US
(27.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • YTTRIUM SUBSTITUTED BARIUM THIOALUMINATE PHOSPHOR MATERIALS

• MATIERES LUMINOPHOREES DE THIOALUMINATE DE BARYUM A YTTRIUM SUBSTITUE

(71) IFIRE TECHNOLOGY INC. [CA/CA]; 10102-114 Street, Fort Saskatchewan, Alberta T8L 3W4 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEONG, Dan, Daewon [CA/CA]; 806 Crawford Mill Avenue, Mississauga, Ontario L5W 1B5 (CA). NAKUA, Abdul, M. [CA/CA]; 4140 Bishopstoke Lane, Mississauga, Ontario L4Z 1M5 (CA).

(74) BARTOSZEWICZ, Lola, A. et al. / etc.; Sim & McBurney, 330 University Avenue, 6th Floor, Toronto, Ontario M5G 1R7 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05B 33/22, 33/14

(11) WO 03/081958 (13) A1

(21) PCT/JP03/03649

(22) 25 Mar/mar 2003 (25.03.2003)

(25) ja (26) ja

(30) 2002-087013 26 Mar/mar 2002 JP
(26.03.2002)

(43) 2 Oct/oct 2003 (02.10.2003)

- (54) • EL PHOSPHOR MULTILAYER THIN FILM AND EL DEVICE

• FILM MINCE MULTICOUCHE FLUORESCENT ELECTROLUMINESCENT ET DISPOSITIF ELECTROLUMINESCENT

(71) TDK CORPORATION [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(72) YANO, Yoshihiko; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). TAKAHASHI, Masaki; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). OIKE, Tomoyuki; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). KATAOKA, Naruki; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(74) HASEGAWA, Yoshiki et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-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 JP KE KG KP KR KZ

- LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ H05B 33/28, 33/00
(11) WO 03/081959 (13) A1
(21) PCT/JP03/03680
(22) 26 Mar/mar 2003 (26.03.2003)
(25) ja (26) ja
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(54) • LIGHT SOURCE DEVICE
• SOURCE DE LUMIERE
(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) GONDAIRA, Hideaki [JP/JP]; c/o
Chiba Plant, Nippon Soda Co., Ltd., 12-8,
Goiminamikaigan, Ichihara-shis, Chiba
290-8530 (JP). TANIGUCHI, Yoshio
[JP/JP]; 3-14-2-602, Chuo, Ueda-shi, Nagano
386-0012 (JP).
(74) MATSUHASHI, Yasusuke; 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 KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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(43) 2 Oct/oct 2003 (02.10.2003)
(54) • INTERFACE FOR DIGITAL COMMU-
NICATION
• INTERFACE DE COMMUNICATION
NUMERIQUE
(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) BEIJ, Marcel [NL/NL]; Prof. Holstlaan
6, NL-5656 AA Eindhoven (NL). BUIJ,
Arnold, W. [NL/NL]; Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).
(74) BOSMA, Rudolphus, H., A.; Internation-
aal Octrooibureau B.V., Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).
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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 NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H05B 39/04, 41/38
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(54) • IMPROVED DIMMER CIRCUIT AR-
RANGEMENT
• ARRANGEMENT DE CIRCUIT GRA-
DATEUR AMELIORE
(71) CLIPSAL INTEGRATED SYSTEMS
PTY LTD [AU/AU]; 12 Park Terrace, Bow-
den S.A. 5007 (AU).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) VANDERZON, James, Robert
[AU/AU]; 12 Park Terrace, Bowden S.A.
5007 (AU).
(74) MADDERN; Level 1, 64 Hindmarsh
Square, Adelaide, S.A. 5000 (AU).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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(11) WO 03/081962 (13) A1
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(25) en (26) en
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(43) 2 Oct/oct 2003 (02.10.2003)
- (54) • DIMMER CIRCUIT WITH IMPROVED
INDUCTIVE LOAD IMBALANCE PRO-
TECTION
• CIRCUIT GRADATEUR A PRO-
TECTION DE DESEQUILIBRE DE
CHARGE INDUCTIVE AMELIOREE
(71) CLIPSAL INTEGRATED SYSTEMS
PTY LTD [AU/AU]; 12 Park Terrace, Bow-
den S.A. 5007 (AU).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) VANDERZON, James, Robert
[AU/AU]; 12 Park Terrace, Bowden S.A.
5007 (AU).
(74) MADDERN; Level 1, 64 Hindmarsh
Square, Adelaide, S.A. 5000 (AU).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- (51)⁷ H05B 41/24, 41/288
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(21) PCT/JP03/03137
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(25) ja (26) ja
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(43) 2 Oct/oct 2003 (02.10.2003)
(54) • COLD-CATHODE TUBE OPERATING
APPARATUS
• APPAREIL FONCTIONNANT AVEC
UN TUBE A CATHODE FROIDE
(71) SANKEN ELECTRIC CO., LTD. [JP/JP];
6-3, Kitano 3-chome, Niiza-shi, Saitama 352-
8666 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) KIMURA, Kengo [JP/JP]; c/o Sanken
Electric Co., Ltd., 6-3, Kitano 3-chome,
Niiza-shi, Saitama 352-8666 (JP). ASHIK-
AGA, Tooru [JP/JP]; c/o Sanken Electric
Co., Ltd., 6-3, Kitano 3-chome, Niiza-shi,
Saitama 352-8666 (JP).
(74) MIYOSHI, Hidekazu; 9th Floor, Toranomon
Daiichi Building, 2-3, Toranomon
1-chome, Minato-ku, Tokyo 105-0001 (JP).
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- APPAREIL ET PROCEDE PERMETTANT DE GARDER DES ANIMAUX DOMESTIQUES DANS UNE LIMITE DEFINIE PRESENTANT DES ZONES D'EXCLUSION
- (71) **ROCKET CITY TECHNOLOGY, INC.** [US/US]; 579 Maury Lane, Florence, AL 35634 (US).
- (72) **PATTERSON, Wade, C.**; 117 Woodrow Balch Drive, Huntsville, AL 35806 (US). **WATSON, Thomas, J.**; 116 Royal Drive, Madison, AL 35758 (US). **PHILLIPS, Terry**; 109 Colonial Drive, Meridianville, AL 35759 (US). **PERRITT, Bennet, M.**; 103 A J Downing Road, Madison, AL 35758 (US).
- (74) **YUN, John**; Blank Rome LLP, 900 17th Street, N.W., Suite 1000, 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 SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) **WO 03/081965** (13) A1
- (21) PCT/RU03/00084
- (22) **7 Mar/mar 2003 (07.03.2003)**
- (25) ru (26) ru
- (30) 2002107468 **26 Mar/mar 2002 RU (26.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PLASMA ELECTRON-EMITTING SOURCE
- SOURCE D'ELECTRONS A PLASMA
- (71, 72) **MINAKOV, Valeriy Ivanovich** [RU/RU]; 1 Zborovsky per., 13-72, Moscow, 107076 (RU).
- (74) **OBSHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "PATENTNO-PRAVOVAYA FIRMA "VIS"**; Osenny bul., 11 609 otdelenie svyazi, Firma "VIS", Moscow, 121609 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H05K 1/02, H01L 23/367
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- (21) PCT/US03/07375
- (22) **10 Mar/mar 2003 (10.03.2003)**
- (25) en (26) en
- (30) 10/063,104 **21 Mar/mar 2002 US (21.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • FLEXIBLE INTERCONNECT STRUCTURES FOR ELECTRICAL DEVICES AND LIGHT SOURCES INCORPORATING THE SAME
- STRUCTURES D'INTERCONNEXION FLEXIBLES POUR DISPOSITIFS ELECTRIQUES ET SOURCES LUMINEUSES RENFERMANT LESDITES STRUCTURES
- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) **BECKER, Charles, Adrian**; 1010 Lamp-lighter Road, Schenectady, NY 12309 (US). **WEAVER, Stanton, Earl**; 119 Hemlock Terrace, Northville, NY 12134 (US).
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- CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H05K
- (11) **WO 03/081966** (13) A2
- (21) PCT/US03/07734
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- (25) en (26) en
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- (30) 10/139,311 **6 May/mai 2002 US (06.05.2002)**
- (30) 10/183,574 **27 Jun/juin 2002 US (27.06.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • PROCESS AND APPARATUS FOR MANUFACTURING PRINTED CIRCUIT BOARDS
- PROCEDE ET APPAREIL DE FABRICATION DE CARTES DE CIRCUITS IMPRIMES
- (71, 72) **BERG, N., Edward** [US/US]; 70 Horizon Drive, Bedford, NH 03110 (US).
- (74) **SOLOWAY, Norman, P. et al.** / etc.; Hayes Soloway P.C., 130 W. Cushing Street, Tucson, AZ 85701 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- STECHEER, Thomas, Elliot**; 2889 Ridge Road, Scotia, NY 12302 (US).
- (74) **GNIBUS, Michael et al.** / etc.; General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE SI TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H05K 3/02, 3/10, B44C 1/22, C03C 1/22, 15/00, 25/68, C23F 1/00, D06L 3/12, B05D 1/12, 1/36, 3/12
- (11) **WO 03/081968** (13) A1
- (21) PCT/US03/08176
- (22) **18 Mar/mar 2003 (18.03.2003)**
- (25) en (26) en
- (30) 60/366,019 **19 Mar/mar 2002 US (19.03.2002)**
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • A METHOD FOR INTEGRATING MICROPARTICLES INTO MEMS
- PROCEDE D'INSERTION DE MICROPARTICULES DANS DES SYSTEMES MICROELECTROMECHANIQUES (MEMS)
- (71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, Pasadena, CA 92125 (US).
(for all designated States except / pour tous les États désignés sauf / RU)
- (72, 75) **TAI, Yu-Chong** [US/US]; 3191 E. California Boulevard, Pasadena, CA 91107 (US). **HE, Qing** [CN/US]; 1100 E. Del Mar Boulevard, Pasadena, CA 91106 (US).
- (74) **DAWES, Daniel, L.**; Myers Dawes Andras & Sherman LLP, 19900 MacArthur Boulevard, Suite 1150, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ H05K 3/36
- (11) **WO 03/081969** (13) A1
- (21) PCT/US03/08570
- (22) **20 Mar/mar 2003 (20.03.2003)**

- (25) en (26) en
- (30) 60/365,824 **20 Mar/mar 2002** US
(20.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • INTERCONNECTION PIN/SOCKET COMPONENTS FOR ELECTRICALLY CONNECTING TWO CIRCUIT BOARDS AND METHOD FOR MOUNTING SAID COMPONENTS IN A CIRCUIT BOARD
- BROCHES MALES ET FEMELLES D'INTERCONNEXION ELECTRIQUE POUR DEUX CARTES DE CIRCUITS IMPRIMES, ET PROCEDE RELATIF AU MONTAGE DE CES BROCHES DANS UNE CARTE DE CIRCUITS IMPRIMES
- (71) ANDREW CORPORATION [US/US]; 10500 W. 153rd St., Orland Park, IL 60462-3099 (US).
- (72) BUONDELMONTE, Charles, J.; 11 Pfauth Drive, Glen Gardner, NJ 08826 (US). MENDELSON, Joseph, Patrick; 16 Winding Creek Drive, Englishtown, NJ 07726 (US). BROWN, Richard, William; 5184 Skytrail Drive, Hilliard, OH 43026 (US). LI, Min; 87 Constitution Way, Basking Ridge, NJ 07059 (US). SCHWARTZ, Richard, Franklin; 3 Tanager Lane, Cranbury, NJ 08512 (US). UPASANI, Sanjay, Sudhakar; 26 Iris Circle, Manalapan, NJ 07726 (US).
- (74) WILLIAMS, Karin, L.; Mayer Fortkort & Williams, PC, 251 North Avenue West, 2nd Floor, Westfield, NJ 07090 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H05K 7/20
- (11) WO 03/081970 (13) A1
- (21) PCT/AT03/00081
- (22) 24 Mar/mar 2003 (24.03.2003)
- (25) de (26) de
- (30) A 464/2002 **25 Mar/mar 2002** AT
(25.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ELECTRONIC DEVICE
- APPAREIL ELECTRONIQUE
- (71) SIEMENS AG ÖSTERREICH [AT/AT]; Siemensstrasse 88-92, A-1210 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PETRICEK, Martin [AT/AT]; Jordangasse 13/3/4, A-2020 Hollabrunn (AT). ROTHMAYER, Thomas [AT/AT]; Dittesgasse 16/1/6, A-1180 Wien (AT).
- (74) MATSCHNIG, Franz; Siebensterngasse 54, A-1071 Wien (AT).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (c)
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- (51)⁷ H05K 7/20, H01L 23/34, F25D 1/00
- (11) WO 03/081971 (13) A1
- (21) PCT/JP03/03309
- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) ja (26) ja
- (30) 2002-80530 **22 Mar/mar 2002** JP
(22.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • SIMPLE CONSTANT TEMPERATURE DEVICE FOR ELECTRONIC DEVICE AND METHOD FOR CONTROLLING THE CONSTANT TEMPERATURE DEVICE
- DISPOSITIF SIMPLE DE MAINTIEN A TEMPERATURE CONSTANTE CONÇU POUR UN DISPOSITIF ELECTRONIQUE ET PROCEDE DE COMMANDE D'UN DISPOSITIF DE MAINTIEN A TEMPERATURE CONSTANTE
- (71) SHINDENGEN ELECTRIC MANUFACTURING CO., LTD. [JP/JP]; 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JO, Hiroshi [JP/JP]; c/o Shindengen Electric, Manufacturing Co., Ltd., 10-13, Minami-cho, Hanno-shi, Saitama 357-8585 (JP). KITAMORI, Tetsuji [JP/JP]; c/o Shindengen Kumamoto, Technoresearch Co., Ltd., 1-8-15, Musashigaoka, Kumamoto-shi, Kumamoto 862-8001 (JP).
- (74) MANABE, Kiyoshi; Shinwa Bldg., 9-11, Toranomom 2-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CA US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
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- (51)⁷ H05K 9/00, H01B 11/06, H01L 23/00
- (11) WO 03/081973 (13) A1
- (21) PCT/JP03/03773
- (22) 27 Mar/mar 2003 (27.03.2003)
- (25) ja (26) ja
- (30) 2002-89103 **27 Mar/mar 2002** JP
(27.03.2002)
- (30) 2002-105142 **8 Apr/avr 2002** JP
(08.04.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ELECTROMAGNETIC WAVE SHIELDING SHEET, ELECTROMAGNETIC WAVE SHIELDING TRANSMISSION CABLE AND ELECTROMAGNETIC WAVE SHIELDING LSI
- FEUILLE DE BLINDAGE ANTI-ONDES ELECTROMAGNETIQUES, CABLE DE TRANSMISSION A BLINDAGE ANTI-ONDES ELECTROMAGNETIQUES ET LSI A BLINDAGE ANTI-ONDES ELECTROMAGNETIQUES
- (71) TOYO SERVICES, CORP. [JP/JP]; 1-1, Horikoshi 1-chome, Nishi-ku, Nagoya-shi, Aichi 451-0053 (JP). E.M. TECHNO CO., LTD. [JP/JP]; 3-22, Daikokucho 1-chome, Toyonaka-shi, Osaka 561-0827 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHINDO, Masayoshi [JP/JP]; c/o TOYO SERVICES, CORP., 1-1, Horikoshi 1-chome, Nishi-ku, Nagoya-shi, Aichi 451-0053 (JP). NAKAGAWA, Asaharu [JP/JP]; c/o TOYO SERVICES, CORP., 1-1, Horikoshi 1-chome, Nishi-ku, Nagoya-shi, Aichi 451-0053 (JP). SASADA, Masaaki [JP/JP]; 3-22, Daikokucho 1-chome, Toyonaka-shi, Osaka 561-0827 (JP).
- (74) OGAWA, Shin-ichi et al. / etc.; Ogawa, Noguchi & Saika International Patent Office, Akiyama Building, 22-13, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ H05K 13/00
- (11) WO 03/081974 (13) A2
- (21) PCT/JP03/03533
- (22) 24 Mar/mar 2003 (24.03.2003)

- (25) en (26) en MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (30) 2002-082648 **25 Mar/mar 2002** JP
(25.03.2002)
- (30) 2002-087870 **27 Mar/mar 2002** JP
(27.03.2002)
- (30) 2002-087871 **27 Mar/mar 2002** JP
(27.03.2002)
- (43) 2 Oct/oct 2003 (02.10.2003)
- (54) • ELECTRONIC COMPONENT MOUNT-
ING APPARATUS AND ELECTRONIC
COMPONENT MOUNTING METHOD
• DISPOSITIF ET PROCEDE DE MON-
TAGE DE COMPOSANTS ELECTRO-
NIQUE
- (71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (72) HAJI, Hiroshi; 5-1-3, Hikarigaoka,
Chikushino-shi, Fukuoka 818-0036 (JP).
HIRAKAWA, Toshiro; 4-29-11, Keyakidai,
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