

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

- (51) Not classified / non classée
- (11) WO 03/037059 (13) A2
- (21) PCT/US02/32985
- (22) 15 Oct/oct 2002 (15.10.2002)
- (25) en (26) en
- (30) 10/012,922 22 Oct/oct 2001 US (22.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CHAMOIS FOR CYCLING PANTS AND METHOD OF MAKING
- CHAMOIS POUR CUISSARDS CYCLISTES ET PROCEDE DE FABRICATION
- (71) DASHAMERICA, INC. [US/US]; 620 Compton Avenue, Broomfield, CO 80020 (US).
- (72) FORSYTH, Robbin, D.; 3740 Cloverleaf Drive, Boulder, CO 80304 (US). KNOLL, Jonathan, R.; 4447 Alberta Court, Boulder, CO 80301 (US).
- (74) SIRR, Francis, A.; Holland & Hart LLP, P.O. Box 8749, Denver, CO 80201-8749 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51) Not classified / non classée
- (11) WO 03/037060 (13) A2
- (21) PCT/US02/35194
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 10/002,603 30 Oct/oct 2001 US (30.10.2001)
- (30) 10/125,635 16 Apr/avr 2002 US (16.04.2002)
- (30) 10/195,835 12 Jul/juil 2002 US (12.07.2002)
- (30) 10/244,830 16 Sep/sep 2002 US (16.09.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • COMPOSITIONS AND METHODS FOR WT1 SPECIFIC IMMUNOTHERAPY
- COMPOSITIONS ET PROCEDES D'IMMUNOTHERAPIE SPECIFIQUE A WT1
- (71) CORIXA CORPORATION [US/US]; 1124 Columbia Street, Suite 200, Seattle, WA 98104 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (71, 72) GAIGER, Alexander [AT/US]; 1421 42nd Avenue E., Seattle, WA 98112 (US).
- (72, 75) MCNEILL, Patricia, D. [US/US]; 1333 South 290th Place, Federal Way, WA 98003 (US). JAYA, Nomalie [US/US]; 1743 Summit Avenue, Apt. #202, Seattle, WA 98122 (US). CARTER, Darrick [US/US]; 321 Summit Avenue E., Seattle, WA 98102 (US).
- (74) CHRISTIANSEN, William, T.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A01B 1/02, B25G 1/00, A01D 11/00
- (11) WO 03/037061 (13) A1
- (21) PCT/GB02/04431
- (22) 1 Oct/oct 2002 (01.10.2002)
- (25) en (26) en
- (30) 0125953.0 30 Oct/oct 2001 GB (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IMPROVED SHOVEL
- PELLE AMELIOREE
- (71) LITE-LIFT LTD [GB/GB]; Flint Mill Grange, Thorp Arch, Wetherby LS23 7DS (GB).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FEARN, Patricia, Lynn [GB/GB]; Flint Mill Grange, Thorp Arch, Wetherby LS23 7DS (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 SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A01B 29/06
- (11) WO 03/037063 (13) A1
- (21) PCT/DK02/00721
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) da (26) en
- (30) PA 2001 01610 31 Oct/oct 2001 DK (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)

(54) • SOIL COMPACTER SUITED FOR CONNECTION OF A TOOL

- DISPOSITIF DE COMPACTAGE DU SOL CONCU POUR LE RACCORDEMENT A UN OUTIL

(71, 72) KAASTRUP, Søren [DK/DK]; Skivevej 49, Lindum, DK-7870 Roslev (DK).

(74) PATRADE A/S; Fredens Torv 3A, DK-8000 Århus C (DK).

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

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

(51)⁷ A01C 7/20, 7/00, A01B 49/06

(11) WO 03/037064 (13) A2

(21) PCT/EP02/12116

(22) 30 Oct/oct 2002 (30.10.2002)

(25) de (26) de

(30) 101 54 012.4 2 Nov/nov 2001 DE (02.11.2001)

(30) 102 45 315.2 27 Sep/sep 2002 DE (27.09.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SEED DRILL

- MACHINE A SEMER EN LIGNE

(71) AMAZONEN-WERKE H. DREYER GMBH & CO. KG [DE/DE]; Am Amazonenwerk 9-13, 49205 Hasbergen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) DREYER, Heinz [DE/DE]; Am Amazonenwerk 7, 49205 Hasbergen (DE).

(74) GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER; Maximilianstrasse 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A01C 11/02

(11) WO 03/037065 (13) A2

(21) PCT/KR02/01857

(22) 5 Oct/oct 2002 (05.10.2002)

(25) ko (26) en

(30) 2001-62257 6 Oct/oct 2001 KR (06.10.2001)

(30) 2002-60358 2 Oct/oct 2002 KR (02.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS FOR PUSH-OUT AND TRANSFER TO A YOUNG PLANT OF TRANSPLANTER

- APPAREIL PERMETTANT L'EXTRACTION ET LE TRANSFERT D'UNE JEUNE PLANTE A PARTIR D'UNE REPIQUEUSE

(71, 72) JUNG, Suk, Wha [KR/KR]; 851-4 (201), Bono-dong, Ansan-shi, 425-180 Kyounggi-do (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 GM HR HU ID IL IN IS JP KE KG KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

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(51)⁷ A01G

(11) WO 03/037066 (13) A2

(21) PCT/US02/34432

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/334,981 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ENHANCED PLANT GROWTH USING ALKANE BIOSTIMULATION

- CROISSANCE DE PLANTE AMELIOREE FAISANT INTERVENIR LA BIOSTIMULATION PAR ALCANES

(71) GLOBAL BIOSCIENCES, INC. [US/US]; 91 George Leven Drive, North Attleborough, MA 02760 (US).

(72) PERRIELLO, Felix, A.; 608 Normandy Drive, Norwood, MA 02062 (US). DICESARE, George, A.; 94 Devon Road, Norwood, MA 02062 (US). PERRIELLO, Jeanne, M.; 608 Normandy Drive, Norwood, MA 02062 (US).

(74) LENART, Robert, P.; Pietragallo, Bosick & Gordon, One Oxford Centre, 38th Floor, 301 Grant Street, Pittsburgh, PA 15219 (US).

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

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

Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

(51)⁷ A01G 1/00

(11) WO 03/037067 (13) A1

(21) PCT/JP02/11135

(22) 28 Oct/oct 2002 (28.10.2002)

(25) ja (26) ja

(30) 2001-331237 29 Oct/oct 2001 JP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SHAPED ARTICLE USING MOSS PLANT

- ARTICLE MODELE A L'AIDE DE MOUSSE VEGETALE

(71, 72) SHIMURA, Mitsuharu [JP/JP]; 1-21-10-407, Takadanobaba, Shinjuku-ku, Tokyo 169-0075 (JP).

(72, 75) TAKEDA, Minoru [JP/JP]; 3-18-5, Shiba, Minato-ku, Tokyo 105-0014 (JP).

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

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

(51)⁷ A01G 7/04

(11) WO 03/037068 (13) A1

(21) PCT/DK02/00723

(22) 31 Oct/oct 2002 (31.10.2002)

(25) da (26) en

(30) PA 2001 01604 31 Oct/oct 2001 DK (31.10.2001)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • A METHOD OF ACCELERATING THE GROWTH OF PLANTS AND A LIGHT SOURCE FOR USE IN THE ACCELERATION OF THE GROWTH OF PLANTS
- METHODE D'ACCELERATION DE LA CROISSANCE DES VEGETAUX ET SOURCE LUMINEUSE UTILISEE DANS CETTE METHODE
- (71) H.G.W.- ELECTRIC APS [DK/DK]; Vesterågade 11, DK-5672 Broby (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WRAAE, Leif, Erik [DK/DK]; Trunderupvej 72, DK-5683 Hårby (DK).
- (74) LARSEN & BIRKEHOLM A/S; Skandinaviske Patentbureau, Banegårdspladsen 1, P.O. Box 362, DK-1570 Copenhagen V (DK).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (Utility model / modèle d'utilité) (GH); AP (GH); AP (Utility model / modèle d'utilité) (GM); AP (GM); AP (Utility model / modèle d'utilité) (KE); AP (KE); AP (Utility model / modèle d'utilité) (LS); AP (LS); AP (Utility model / modèle d'utilité) (MW); AP (MW); AP (Utility model / modèle d'utilité) (MZ); AP (MZ); AP (Utility model / modèle d'utilité) (SD); AP (SD); AP (Utility model / modèle d'utilité) (SL); AP (SL); AP (Utility model / modèle d'utilité) (SZ); AP (SZ); AP (Utility model / modèle d'utilité) (TZ); AP (TZ); AP (Utility model / modèle d'utilité) (UG); AP (UG); AP (Utility model / modèle d'utilité) (ZM); AP (ZM); AP (Utility model / modèle d'utilité) (ZW); AP (ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A01G 9/14, 9/24, 31/00, A23K 1/00
- (11) WO 03/037069 (13) A2
- (21) PCT/GB02/04966
- (22) 4 Nov/nov 2002 (04.11.2002)
- (25) en (26) en
- (30) 0126418.3 2 Nov/nov 2001 GB (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • GROWING SYSTEM
- SYSTEME DE CULTURE
- (71) UNIGRO LIMITED [GB/GB]; Chimhams Farm, London Road, West Kingsdown, Sevenoaks, Kent TN15 6BT (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WATKINS, Anthony, David [GB/GB]; Denco Limited, P.O. Box 11, Holmer

- Road, Hereford HR4 9SJ (GB). DUFTON, Michael, John [GB/GB]; Unigro Limited, Chimhams Farm, London Road, West Kingsdown, Sevenoaks, Kent TN15 6BT (KE).
- (74) ROBERTS, Mark, Peter et al. / etc.; J.A. KeMP & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A01G 13/02, E04G 1/26, 21/28, A01G 9/22
- (11) WO 03/037070 (13) A1
- (21) PCT/DE02/04043
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) de (26) de
- (30) 101 53 703.4 31 Oct/oct 2001 DE (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • WEATHER PROTECTION DEVICE FOR THE PROTECTION OF SPECIAL PLANT CULTURES SENSITIVE TO MOISTURE
- DISPOSITIF PERMETTANT DE PROTEGER CONTRE LES INTEMPERIES DES CULTURES VEGETALES SPECIALES SENSIBLES A L'HUMIDITE
- (71, 72) VÖHRINGER, Reinhard [DE/DE]; Aichach 1, 88276 Berg (DE).
- (74) DOBLER, Markus et al. / etc.; Karlstrasse 8, 88212 Ravensburg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ A01G 25/16, 27/00
- (11) WO 03/037071 (13) A1
- (21) PCT/EP02/11686
- (22) 18 Oct/oct 2002 (18.10.2002)
- (25) de (26) de
- (30) 101 53 182.6 27 Oct/oct 2001 DE (27.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IRRIGATION CONTROL SYSTEM
- DISPOSITIF DE COMMANDE D'IRRIGATION

- (71) GARDENA KRESS + KASTNER GMBH [DE/DE]; Hans-Lorenser-Strasse 40, 89079 Ulm (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINDERMEIR, Wolfgang [DE/DE]; Bachstrasse 5, 89617 Untermarchtal (DE).
WAIGEL, Hans [DE/DE]; Fliederstrasse 34, 89194 Schnürpflingen (DE).
- (74) WILHELM, Hans, H.; Ruff, Wilhelm, Beier, Dauster & Partner, Kronenstrasse 30, 70174 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A01H
- (11) WO 03/037072 (13) A2
- (21) PCT/US02/34534
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) en (26) en
- (30) 09/984,274 29 Oct/oct 2001 US (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PROMOTION OF SOMATIC EMBRYOGENESIS IN PLANTS BY WUSCHEL GENE EXPRESSION
- ACTIVATION DE L'EMBRYOGENESE SOMATIQUE CHEZ LES PLANTES PAR EXPRESSION D'UN GENE WUSCHEL

- (71) THE ROCKEFELLER UNIVERSITY [US/US]; 1230 York Avenue, New York, NY 10021 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZUO, Jianru [CN/US]; Faculty House, Apt. 15K, 500 East 63rd Street, New York, NY 10021 (US). NIU, Qi-Wen [CN/US]; 421 East 64th Street, Apt. 3A, New York, NY 10021 (US). FRUGIS, Giovanna [IT/US]; 500 East 63rd Street, Apt. 26E, New York, NY 10021 (US). CHUA, Nam-Hai [SG/US]; 32 Walworth Avenue, Scarsdale, NY 10583 (US).
- (74) FIGG, E., Anthony et al. / etc.; Rothwell, Figg, Ernst & Manbeck, P.C., 1425 K Street, N.W., Suite 800, Washington, DC 20005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A01K
- (11) WO 03/037073 (13) A2
- (21) PCT/SE02/01954
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) sv (26) en
- (30) 0103588-0 29 Oct/oct 2001 SE (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • GAFF
• GAFFE
- (71, 72) ODELL, Mikael [SE/SE]; Brinkvägen 21 A, S-187 67 Täby (SE).
- (74) BERGENSTRÄHLE & LINDVALL AB; P.O.Box 17704, S-118 93 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01K
- (11) WO 03/037074 (13) A2
- (21) PCT/US02/35117
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 60/335,117 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS OF GENERATING KNOCK-OUT RODENTS
• PROCEDES PERMETTANT DE PRODUIRE DES RONGEURS "KNOCK-OUT"
- (71) WISCONSIN ALUMNI RESEARCH FOUNDATION [US/US]; 614 North Walnut Street - 13th Floor, P.O. Box 7365, Madison, WI 53707-7365 (US).
- (72) GOULD, Michael, N.; 13 South Blackhawk Avenue, Madison, WI 53705 (US).
- (74) REN, Zhibin; Quarles & Brady LLP, P.O. Box 2113, Madison, WI 53701-2113 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01K 47/06
- (11) WO 03/037076 (13) A1
- (21) PCT/FI02/00822
- (22) 23 Oct/oct 2002 (23.10.2002)
- (25) en (26) en
- (30) 20012101 30 Oct/oct 2001 FI (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND DEVICE FOR DESTROYING ACARIDS
• PROCEDE ET DISPOSITIF POUR LA DESTRUCTION DES ACARIENS
- (71) URPO VAINIO OY [FI/FI]; Sipinkuja 1, FIN-24130 Salo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VAINIO, Urpo [FI/FI]; Sipinkuja 1, FIN-24130 Salo (FI).
- (74) LAITINEN, Pauli, S.; Patentti-Laitinen OY, P.O. Box 29, FIN-02771 Espoo (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
- RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01K 61/00
- (11) WO 03/037077 (13) A1
- (21) PCT/AU02/01481
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) PR 8651 2 Nov/nov 2001 AU (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR AQUATIC ANIMAL HUSBANDRY
• PROCEDE ET APPAREIL D'ELEVAGE D'ANIMAUX AQUATIQUES
- (71) THE STATE OF QUEENSLAND, through its DEPARTEMENT OF PRIMARY INDUSTRIES [AU/AU]; 80 Ann Street, Brisbane, Queensland 4000 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MANN, David [AU/AU]; 10 Caccini Crescent, Burpengary, Queensland 4505 (AU). ASAKAWA, Tamao [AU/AU]; 24 Brentwood Street, Clayfield, Queensland 4011 (AU). PIZZUTTO, Maurizio [AU/AU]; PO Box 2066, Bribie Island, Queensland 4507 (AU).
- (74) DAVIES COLLISON CAVE et al. / etc.; Level 3, 303 Coronation Drive, Milton, Queensland 4064 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A01K 61/00
- (11) WO 03/037078 (13) A1
- (21) PCT/SE02/01850
- (22) 10 Oct/oct 2002 (10.10.2002)
- (25) sv (26) en
- (30) 0103389-3 11 Oct/oct 2001 SE (11.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • FISH CULTURING PLANT AND METHOD FOR CULTURING FISH
• PISCICULTURE ET PROCEDE PISCICOLE
- (71, 72) KAREM, Dana [SE/SE]; Magnus Ladulåsgatan 32, Lght 2613, S-118 66 Stockholm (SE).
- (74) GROTH & CO. KB et al. / etc.; Box 6107, S-102 32 Stockholm (SE).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A01K 67/027, G01N 33/50, 33/15, C12N 15/09, 5/10

(11) WO 03/037079 (13) A1

(21) PCT/JP02/11105

(22) 25 Oct/oct 2002 (25.10.2002)

(25) ja (26) ja

(30) 2001-331622 29 Oct/oct 2001 JP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NONHUMAN MODEL ANIMAL OF Th2-MEDIATED HYPERIMMUNE RESPONSE

• ANIMAL MODELE NON HUMAIN DE REPONSE HYPERIMMUNE A MEDIATION TH2

(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) TAKAI, Toshiyuki [JP/JP]; Room 506, 18-1, Nakayama 4-chome, Aoba-ku, Sendai-shi, Miyagi 981-0952 (JP). UJIKE, Azusa [JP/JP]; Room 2-301, 14, Nakayama 8-chome, Aoba-ku, Sendai-shi, Miyagi 981-0952 (JP).

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

(81) AU CA US.

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

(51)⁷ A01K 67/027, A61K 45/00, A61P 37/02

(11) WO 03/037080 (13) A1

(21) PCT/JP02/11106

(22) 25 Oct/oct 2002 (25.10.2002)

(25) ja (26) ja

(30) 2001-331621 29 Oct/oct 2001 JP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NONHUMAN MODEL ANIMAL OF SYSTEMIC LUPUS ERYTHEMATOSUS

• ANIMAL MODELE NON HUMAIN DU LUPUS ERYTHEMATEUX CHRONIQUE

(71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).

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

(72, 75) TAKAI, Toshiyuki [JP/JP]; Room 506, 18-1, Nakayama 4-chome, Aoba-ku, Sendai-shi, Miyagi 981-0952 (JP). NAKAMURA, Akira [JP/JP]; 16-18, Nakayama 7-chome, Aoba-ku, Sendai-shi, Miyagi 981-0952 (JP). YAJIMA, Kaori [JP/JP]; 3-37, Komegafukuro 1-chome, Aoba-ku, Sendai-shi, Miyagi 980-0813 (JP).

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

(81) AU CA US.

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

(51)⁷ A01K 67/027, C12N 15/00

(11) WO 03/037081 (13) A1

(21) PCT/JP02/09767

(22) 24 Sep/sep 2002 (24.09.2002)

(25) ja (26) ja

(30) 2001-332475 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HCV GENE TRANSGENIC ANIMAL

• ANIMAL TRANSGENIQUE A GENE HCV

(71) TOKYO METROPOLITAN ORGANIZATION FOR MEDICAL RESEARCH [JP/JP]; 8-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-8001 (JP). CHUGAI SEIYAKU KABUSHIKI KAISHA [JP/JP]; 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP).

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(72, 75) KOHARA, Michinori [JP/JP]; 3-15-3-408, Tabata, Kita-ku, Tokyo 114-0014 (JP). SUZUKI, Hiroshi [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). UEDA, Otoy [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). JISHAGE, Kou-ichi [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP). KATSUME, Asao [JP/JP]; c/o Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP).

(74) HIRAKI, Yusuke et al. / etc.; Toranomon No. 5 Mori Building Third Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

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

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

(51)⁷ A01N 1/00, B65D 81/00

(11) WO 03/037082 (13) A1

(21) PCT/US02/35135

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/334,622 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEMS AND METHODS FOR FREEZING, STORING AND THAWING BIOPHARMACEUTICAL MATERIAL

• SYSTEMES ET PROCÉDES POUR CONGELER ET STOCKER DES MATÉRIELUX BIOPHARMACEUTIQUES

(71) INTEGRATED BIOSYSTEMS, INC. [US/US]; 445 Devlin Road, Napa, CA 94558 (US).

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

(72, 75) VOUTE, Nicolas [FR/FR]; Chemin Peygros, F-13780 Cuges les Pins (FR). LOK, Maxime, N. [FR/FR]; Le William Carr 2, Avenue de la Magalone, F-13009 Marseille (FR). BROWN, David, C. [US/US]; 7706 West Berwyn Avenue, Chicago, IL 60656 (US). KENDALL, James, W. [US/US]; 203 West Hiawatha Trail, Mount Prospect, IL 60056 (US). GEISELHART, Edward [US/US]; 5056 N. Wolcott Avenue, #2W, Chicago, IL 60640 (US).

(74) CARDONA, Victor, A. et al. / etc.; Heslin Rothenberg Farley & Mesiti P.C., 5 Columbia Circle, Albany, NY 12203 (US).

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

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

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(51)⁷ A01N 1/00

(11) WO 03/037083 (13) A1

(21) PCT/US02/35137

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/334,622 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEMS AND METHODS FOR FREEZING AND STORING BIOPHARMACEUTICAL MATERIAL

• SYSTEMES ET PROCÉDES POUR CONGELER ET STOCKER DES MATÉRIELUX BIOPHARMACEUTIQUES

(71) INTEGRATED BIOSYSTEMS, INC. [US/US]; 445 Devlin Road, Napa, CA 94558 (US).

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

(72, 75) **VOUTE, Nicolas** [FR/FR]; Chemin Peygros, F-13780 Cuges les Pins (FR). **LOK, Maxime** [FR/FR]; Le William Carr 2, Avenue de la Magalone, F-13009 Marseille (FR). **LEONARD, Leonidas, Cartwright** [US/US]; 365 E. Strawberry Avenue, Mill Valley, CA 94941-2577 (US). **HUGHES, Timothy, Gerard** [US/US]; 214 Chadwick Way, Benicia, CA 94510 (US). **WISNIEWSKI, Richard** [US/US]; 15 White Plains Court, San Mateo, CA 94402 (US).

(74) **CARDONA, Victor, A. et al.** / etc.; Heslin Rothenberg Farley & Mesiti P.C., 5 Columbia Circle, Albany, NY 12203 (US).

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

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

Published / Publiée : (c)

(51)⁷ A01N 25/02, 43/653, 43/54, 43/40

(11) WO 03/037084 (13) A1

(21) PCT/GB02/04656

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) 0126144.5 31 Oct/oct 2001 GB (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PESTICIDAL FORMULATIONS
• FORMULATIONS PESTICIDES

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

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

(72, 75) **WARRINGTON, Roger, Paul** [GB/GB]; Jealott's Hill International Research Centre, Bracknell, Berkshire RG42 6YA (GB).

(74) **HOUGHTON, Malcolm, John et al.** / etc.; 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

PT SE SK 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 43/38

(11) WO 03/037085 (13) A1

(21) PCT/KR01/01845

(22) 1 Nov/nov 2001 (01.11.2001)

(25) ko (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • OPTICALLY ACTIVE HERBICIDAL (R)-PHENOXYPROPIONIC ACID-N-METHYL-N-2-FLUOROPHENYL AMIDES

• AMIDES N-METHYL-N-2-FLUOROPHENYL D'ACIDE PHENOXYPROPIONIQUE (R) HERBICIDES ACTIFS OPTIQUEMENT

(71) **DONGBU HANNONG CHEMICAL CO., LTD.** [KR/KR]; 838 Yuksam-dong, Kangnam-ku, Seoul 135-080 (KR).

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

(72, 75) **KIM, Dae Whang** [KR/KR]; 132-304 Hanbit Apt., 99 Uheun-dong, Yusung-ku, Daejeon 305-333 (KR). **CHANG, Hae Sung** [KR/KR]; 105-201 Hanbit Apt., 99 Uheun-dong, Yusung-ku, Daejeon 305-333 (KR). **KO, Young Kwan** [KR/KR]; 102-1702 Hanbit Apt., 99 Uheun-dong, Yusung-ku, Daejeon 305-333 (KR). **RYU, Jae Wook** [KR/KR]; 120-305 Hanbit Apt., 99 Uheun-dong, Yusung-ku, Daejeon 305-333 (KR). **WOO, Jae Chun** [KR/KR]; 1-406 Kyungnam Apt., 205 Doma-2dong, Seo-ku, Daejeon 302-162 (KR). **KOO, Dong Wan** [KR/KR]; 128-604 Hanbit Apt., 99 Uheun-dong, Yusung-ku, Daejeon 305-333 (KR). **KIM, Jin Seog** [KR/KR]; 128-208 Hanbit Apt., 99 Uheun-dong, Yusung-ku, Daejeon 305-333 (KR). **CHUNG, Bong-Jin** [KR/KR]; 301, 1092-8 Galsan-dong, Dongan-ku, Kyunggi-do, Anyang 431-800 (KR). **KWON, Oh-Yeon** [KR/KR]; 905 Byuksan-GrandCore Apt., 9-2 Jungja-dong, Jangan-ku, Kyunggi-do, Suwon 440-830 (KR).

(74) **HUH, Sang Hoon**; 16th Fl. Woori Investment Bldg., 826-20 Yeoksam-dong, Kangnam-ku, Seoul 135-180 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ A01N 47/38, C07D 409/12, 513/04, 498/04, 487/04

(11) WO 03/037086 (13) A1

(21) PCT/EP02/11743

(22) 21 Oct/oct 2002 (21.10.2002)

(25) de (26) de

(30) 101 54 074.4 2 Nov/nov 2001 DE (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SUBSTITUTED THIEN-3-YL-SULFONYLAMINO(THIO)CARBONYL-TRIAZOLIN(THI)ONES

• THIEN-3-YL-SULFONYLAMINO(THIO)CARBONYL-TRIAZOLIN(THI)ONES SUBSTITUEES

(71) **BAYER CROPSCIENCE AG** [DE/DE]; Alfred-Nobel-Strasse 50, 40789 Monheim (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GESING, Ernst-Rudolf** [DE/DE]; Trillser Graben 4, 40699 Erkrath (DE). **DREWES, Mark, Wilhelm** [DE/DE]; Goethestr. 38, 40764 Langenfeld (DE). **DAHMEN, Peter** [DE/DE]; Altebrücker Str. 61, 41470 Neuss (DE). **FEUCHT, Dieter** [DE/DE]; Ackerweg 9, 40789 Monheim (DE). **PONTZEN, Rolf** [DE/DE]; Am Kloster 69, 42799 Leichlingen (DE).

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

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

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

(51)⁷ A01N 65/00

(11) WO 03/037087 (13) A1

(21) PCT/KR02/01897

(22) 10 Oct/oct 2002 (10.10.2002)

(25) ko (26) en

(30) 2001/62300 10 Oct/oct 2001 KR (10.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PESTICIDE FORMULATION COMPOSED OF NATURAL COMPONENTS

• FORMULATION DE PESTICIDES FAITE DE COMPOSANTS NATURELS

(71) **SK CHEMICALS CO., LTD.** [KR/KR]; 600 Jungja 1-dong, Jangan-ku, 440-301 Suwon, Kyungki-do (KR).

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(72, 75) **SHIN, Jeong, Joo** [KR/KR]; 106-1204 Kangnam Apt., Kungok-dong, Kwonsun-ku, 441-460 Suwon, Kyungki-do (KR). **KIM, Sang, Jun** [KR/KR]; 207-1305 Sangyong Apt., Pyungchonsammaeul, Hokyedong, Dongan-ku, 431-080 Anyang, Kyungki-do (KR). **HAN, Soon, Jong** [KR/KR]; 123-1402 Hyundai Apt., Bongcheon-dong, Kwanak-ku, 151-755 Seoul (KR). **HA, Jae, Min** [KR/KR]; 6-309 Cheonlock Apt., Yeouljun-dong, Jangan-ku, 440-320 Suwon, Kyungki-do (KR). **LEE, Min, Hyuk** [KR/KR]; 8-801 Samick garden, Myungil-dong, Kangdong-ku, 134-070 Seoul (KR).

(74) **HUH, Sang-Hoon**; 16th Fl. Woori Investment Bank Bldg., 826-20 Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

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

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

(51)⁷ A21D 8/00

(11) **WO 03/037088** (13) A1

(21) PCT/US02/34189

(22) **25 Oct/oct 2002 (25.10.2002)**

(25) en (26) en

(30) 09/999,009 **31 Oct/oct 2001 US (31.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • PROCESS FOR PRODUCING EXPANDABLE PELLETS
• PROCEDE DE PRODUCTION DE GRANULES EXPANSIBLES

(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) **BHASKAR, Ajay, Rajeshwar** [US/US]; 8260 Mura Drive, Plano, TX 75025 (US). **COGAN, Kevin, Charles** [US/US]; 550 Opal Drive, Oak Point, TX 75068 (US). **KAUFARANI, Bilal, Moussa** [US/US]; 3709 Roundtree Way, Plano, TX 75025 (US). **RAO, V.,N., Mohan** [US/US]; 3609 Whitehaven Drive, Plano, TX 75093 (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A22C 11/00

(11) **WO 03/037089** (13) A1

(21) PCT/FR02/03444

(22) **10 Oct/oct 2002 (10.10.2002)**

(25) fr (26) fr

(30) 01 13998 **30 Oct/oct 2001 FR (30.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE FOR PRODUCING SAUSAGE-TYPE PRODUCTS
• DISPOSITIF DE FABRICATION DE PRODUITS DE TYPE SAUCISSE

(71) **SONJAL S.A.S.** [FR/FR]; Z.I. Dréssève, F-56150 Baud (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOCABEILLE, Gilles** [FR/FR]; 12, rue Redon, F-35000 Rennes (FR). **LE PAIH, Jacques** [FR/FR]; Le Rohic, F-56930 Plumeliau (FR).

(74) **BEAUFILS, Yves et al.** / etc.; Cabinet Ballot, 4, rue Général Hoche, F-56100 Lorient (FR).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A22C 25/00

(11) **WO 03/037090** (13) A1

(21) PCT/NO02/00402

(22) **1 Nov/nov 2002 (01.11.2002)**

(25) en (26) en

(30) 60/330,841 **1 Nov/nov 2001 US (01.11.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS AND METHOD FOR TRIMMING OF FISH FILLETS
• APPAREIL ET PROCEDE D'EBARBAGE DE FILETS DE POISSON

(71, 72) **EILERTSEN, Stein, Grov** [NO/NO]; Vadmyrveien 39, N-5172 Loddefjord (NO).

(74) **ABEL, Christian, D.**; Grahl-Madsen, Ingebrigtsem & Co Advokatfirma AS, Postboks 333 Sentrum, N-5804 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A22C 29/04

(11) **WO 03/037091** (13) A1

(21) PCT/NZ02/00225

(22) **29 Oct/oct 2002 (29.10.2002)**

(25) en (26) en

(30) 515126 **29 Oct/oct 2001 NZ (29.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • SHELLFISH OPENER
• DISPOSITIF D'OUVERTURE DE MOL-LUSQUES

(71) **CORBIN, Diane, Margret, Ellen** [NZ/NZ]; 35 Ventry Street, Alexandra (NZ). (for all designated States except / pour tous les États désignés sauf US)

(71, 72) **CORBIN, David, Walter** [NZ/NZ]; 35 Ventry Street, Alexandra (NZ). **CORBIN, Brian, Walter** [NZ/NZ]; 4 Clemett Place, Kaipoi (NZ).

(74) **BALDWIN SHELSTON WATERS**; 342 Lambton Quay, Wellington (NZ).

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

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

(51)⁷ A23B 5/005

(11) **WO 03/037092** (13) A1

(21) PCT/KR02/02016

(22) **30 Oct/oct 2002 (30.10.2002)**

(25) ko (26) en

(30) 2001-0068140 **2 Nov/nov 2001 KR (02.11.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF PASTEURIZING CHICKEN SHELL EGG
• PROCEDE DE PASTEURISATION D'OEUFS DE POULET EN COQUILLE

(71) **SAFE FOOD CORPORATION** [KR/KR]; 810 Sung Jee Heightstel, Seo Hyun-Dong,

- Bun Dang-Gu, 463-050 Seongnam, Kyong Ki-Do (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARK, Joong-Min [KR/KR]; 201-302 Baekma-macul, 739 Madu-dong, Ilsan-gu, 411-350 Goyang-city, Gyunggi-do (KR). CHO, Yong-Sik [KR/KR]; 615-1502 Sinnamusil Geukdong apt., 967-2 Youngtong-dong, Paldal-gu, 442-470 Suwon-city, Gyunggi-do (KR).
- (74) YOU ME PATENT & LAW FIRM; Teheran Building., 825-33 Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A23C 19/032, 9/127
- (11) WO 03/037093 (13) A1
- (21) PCT/DK02/00707
- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) en (26) en
- (30) PA 2001 01632 2 Nov/nov 2001 DK (02.11.2001)
- (30) PA 2001 01864 13 Dec/déc 2001 DK (13.12.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR PRODUCING A FERMENTED DAIRY PRODUCT
- PROCEDE DE PRODUCTION D'UN PRODUIT LAITIER FERMENTE
- (71) NOVOZYMES A/S [DK/DK]; Krogshøjvej 36, DK-2880 Bagsværd (DK).
- (72) LYNGLÉV, Gitte, Budolfsen; Drosselvej 53M, DK-2000 Frederiksberg (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A23C 19/04
- (11) WO 03/037094 (13) A1
- (21) PCT/JP02/10332
- (22) 3 Oct/oct 2002 (03.10.2002)
- (25) ja (26) ja
- (30) 2001/335571 31 Oct/oct 2001 JP (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PROCESS FOR PRODUCING CHEESE CURD
- PROCEDE PERMETTANT DE PRODUIRE DU CAILLE DE FROMAGERIE
- (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) KUMAZAWA, Yoshiyuki [JP/JP]; c/o Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP). MIWA, Noriko [JP/JP]; c/o Ajinomoto Co., Inc., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP).
- (74) SHIMOKOSHI, Masao et al. / etc.; 9th Fl., Taka-ai Bldg., 15-2, Nihombashi 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A23D 9/00, C11C 3/10, C11B 7/00, A23L 1/30, A23G 3/00, 1/00, A61K 31/23, 7/025, A21D 13/08
- (11) WO 03/037095 (13) A1
- (21) PCT/DK02/00728
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) PA 2001 01634 2 Nov/nov 2001 DK (02.11.2001)
- (30) 60/331,713 21 Nov/nov 2001 US (21.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • NON-LAURIC, NON-TRANS, NON-TEMPER FAT COMPOSITIONS
- COMPOSITIONS DE MATIERE GRASSE NON LAURIQUE, NON TRANS, SANS TEMPERAGE
- (71) AARHUS OLIEFABRIK A/S [DK/DK]; M.P. Bruunsgade 27, Dk-8100 Aarhus C (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BACH, Mogens [DK/DK]; Fjældenvænget 44, st.th., DK-8210 Aarhus V (DK). JUUL, Bjarne [DK/DK]; Ravnholtvej 101, DK-8310 Tranbjerg J (DK).
- (74) HOFMAN-BANG-ZACCO A/S; Hans Bekkevoolds Allé 7, 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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A23F 3/16, 3/18, C07B 63/00, C07C 39/19, 39/21, 57/42, 59/52, C07G 17/00
- (11) WO 03/037096 (13) A1
- (21) PCT/NZ02/00230
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 515182 31 Oct/oct 2001 NZ (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IMPROVED BOTANICAL EXTRACTIONS PROCESS
- PROCEDE AMELIORE D'EXTRACTION BOTANIQUE
- (71) BRIGHTWATER HORTICULTURE LIMITED [NZ/NZ]; Ground Floor Scales Street, Christchurch (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GREENE, John, Bertram [NZ/NZ]; 80A Monckspur Road, Christchurch (NZ).
- (74) WILSON, Kathryn, S. et al. / etc.; Level 12, KPMG Centre, 85 Alexandra Street, Private Bag 3140, Hamilton 2001 (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A23F 5/00, 5/16
- (11) WO 03/037097 (13) A1
- (21) PCT/US02/35053
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 10/001,928 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • APPLICATION UNDER THE PATENT COOPERATION TREATY
- PROCEDE D'AMELIORATION POST-TRAITEMENT DE LA TENEUR EN COMPOSES BENEFIQUES DANS DES BOISSONS CONTENANT NATURELLEMENT CES DERNIERS
- (63) US 10/001,928 (CIP) 31 Oct/oct 2001 (31.10.2001)

(71) APPLIED FOOD SCIENCES LLC [US/US]; 1250 Capital of Texas Highway South, Austin, TX 78746 (US).

(72, 75) ZAPP, Loretta, M. [US/US]; 1600 Pierce Street, Lakewood, CO 80214 (US). SLAGA, Thomas, J. [US/US]; 1600 Pierce Street, Lakewood, CO 80214 (US). ZHAO, Jifu [CH/US]; 5327 S. Pierson Court, Littleton, CO 80127 (US). LANG, Mark [US/US]; 4823 Mandavilla Way, Apex, NC 27502 (US).

(74) HENRY, David, G.; 700 Texas Center, P.O. Box 1470, Waco, TX 76703-1470 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A23F 5/24, A23L 2/38

(11) WO 03/037098 (13) A1

(21) PCT/BR02/00143

(22) 14 Oct/oct 2002 (14.10.2002)

(25) en (26) en

(30) PI 0107505-5 15 Oct/oct 2001 BR (15.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MANUFACTURING PROCESS FOR A COFFEE SOFT DRINK

• PROCEDE DE PREPARATION D'UNE BOISSON GAZEUSE NON ALCOOLISEE AU CAFE

(71) LABORATÓRIOS BIOSINTETICA LTDA. [BR/BR]; Rua Mario Augusto Pereira, 91, Taboão da Serra, CEP-06767-030 São Paulo, SP (BR).

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(72, 75) LIMA, Darcy, Roberto, Andrade [BR/BR]; Rua Guatemala, 533, CEP-21020-170 Petrópolis, RJ (BR).

(74) NOGUEIRA, Vicente et al. / etc.; Vicente Nogueira Advogados, Praça Antônio Prado, 33, 20th floor, CEP-01010-010 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A23G

(11) WO 03/037099 (13) A2

(21) PCT/EP02/07054

(22) 25 Jun/juin 2002 (25.06.2002)

(25) en (26) en

(30) 0126026.4 30 Oct/oct 2001 GB (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CHOCOLATE FLAVOUR MANIPULATION

• MANIPULATION DE L'AROME DU CHOCOLAT

(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) HANSEN, Carl, Erik [NO/CH];

Chemin du Pré-d'Yverdon 5E, CH-1066

Epalinges (CH). BUDWIG, Christopher

[US/US]; 5755 Adventure Drive, Dublin, OH

43017 (US). KOCHHAR, Sunil [IN/CH];

Chemin du Grammont 2, Claies-aux-Moines,

CH-1073 Savigny (CH). JULLERAT,

Marcel, Alexandre [CH/CH]; Chemin

Pra-Dom-Nicod 10, Vers-Chez-Les-Blancs,

CH-1000 Lausanne 26 (CH). SPADONE,

Jean-Claude [FR/CH]; Route de St Maurice

201, CH-1814 La Tour-De-Peilz (CH).

NICOLAS, Pierre [BE/CH]; 18, Route du

Tirage, CH-1806 Saint-Legier (CH). REDG-

WELL, Robert [GB/CH]; Route De Saint

Amour 3A, CH-1073 Savigny (CH). ARM-

STRONG, Euan [GB/GB]; 59 Allerton

Grange Rise, Leeds LS17 6LG (GB). SIEV-

ERT, Dietmar [DE/CH]; Ch. de la Pierraz 1,

CH-1066 Epalinges (CH).

(74) PATE, Fred; 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

Declarations / Déclarations :

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

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

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

(u) for / pour US only / seulement

(51)⁷ A23G 1/00, 1/04

(11) WO 03/037100 (13) A1

(21) PCT/EP02/07055

(22) 25 Jun/juin 2002 (25.06.2002)

(25) en (26) en

(30) 0126025.6 30 Oct/oct 2001 GB (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MANIPULATION OF CHOCOLATE FLAVOUR

• MANIPULATION DE L'AROME DU CHOCOLAT

(71) SOCIETE DES PRODUITS NESTLE S.A. [CH/CH]; P.O. Box 353, CH-1800 Vevey (CH).

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(72, 75) KOCHHAR, Sunil [IN/CH]; Chemin du

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CH-1066 Epalinges (CH). JULLERAT,

Marcel, Alexandre [CH/CH]; Ch.

Praz-Dom-Nicaud 10, Vers-Chez-Les-Blancs,

CH-1000 Lausanne 26 (CH). SPADONE,

Jean-Claude [FR/CH]; Route de St. Maurice

201, CH-1814 La Tour-De-Peilz (CH).

NICOLAS, Pierre [BE/CH]; 18, Route du

Tirage, CH-1806 Saint-Legier (CH). REDG-

WELL, Robert [GB/CH]; Route De Saint

Amour 3a, CH-1073 Savigny (CH). ARM-

STRONG, Euan [GB/GB]; 59 Allerton

Grange Rise, Leeds, LS17 6LG (GB). SIEV-

ERT, Dietmar [DE/CH]; Ch. de la Pierraz 1,

CH-1066 Epalinges (CH).

(74) PATE, Fred; 55, avenue Nestlé, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(1) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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)
(u) for / pour US only / seulement

(51)⁷ A23G 3/02, 3/20

(11) WO 03/037101 (13) A1

(21) PCT/EP02/12187

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 01204144.8 29 Oct/oct 2001 EP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CAMEL MIXTURE AND METHOD FOR MANUFACTURING THEREOF
• MELANGE A BASE DE CAMEL ET PROCEDE DE FABRICATION ASSOCIEE

(71) MARS B.V. [NL/NL]; Taylorweg 5, NL-5466 AE Veghel (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOSMA-DE BOER, Margaretha, Mirjam [NL/NL]; Copernicuslaan 34, NL-5251 ZC Vlijmen (NL). HOLL, Wernerus, Jozef [NL/NL]; Michiel de Ruyterstraat 90, NL-5481 GK Schijndel (NL). HABERS, Marcus, Wilhelmus, Hendrikus [NL/NL]; Spoorven 19, NL-5464 PA Veghel (NL). PETERS, Jasper, Theodoor [NL/NL]; Ginnekenweg 354a, NL-4835 NM Breda (NL).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A23K

(11) WO 03/037102 (13) A2

(21) PCT/US02/34963

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/335,303 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PHYTASE-CONTAINING ANIMAL FOOD AND METHOD

• ALIMENT POUR ANIMAUX CONTENANT PHYTASE ET PROCEDE CORRESPONDANT

(71) PHYTEX, LLC [US/US]; 10 Moulton Street, Portland, ME 04101 (US).

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

(72, 75) WEBEL, Douglas, M. [US/US]; 18035 Grassy Knoll Drive, Westfield, IN 46074 (US). ORR, Donald, E., Jr. [US/US]; 15318 Cumberland Road, Noblesville, IN 46060 (US). RUCH, Frank, E., Jr. [US/US]; 159 Foreside Road, Falmouth, ME 04105 (US).

(74) COFFEY, William, R. et al. / etc.; Barnes & Thornburg, 11 South Meridian 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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A23K 1/18

(11) WO 03/037103 (13) A1

(21) PCT/US02/35154

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 09/682,964 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS AND COMPOSITIONS FOR A GENDER SPECIFIC DIET FOR PUPPIES

• METHODES ET COMPOSITIONS POUR UN REGIME ALIMENTAIRE SPECIFIQUE DU SEXE DESTINE AUX CHIOTS

(71) NESTLE PURINA PETCARE COMPANY [US/US]; Checkerboard Square, St. Louis, MO 63164 (US).

(72) KEALY, Richard, D.; 3031 Trout Camp Road, Waterloo, IL 62298 (US). BEBIAK, David, M.; 4525 Coleman Road, Villa Ridge, MO 63089 (US).

(74) RASCHE, Patrick, W. et al. / etc.; Armstrong Teasdale LLP, One Metropolitan Square, Suite 2600, St. Louis, MO 63102 (US).

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

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

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A23L

(11) WO 03/037104 (13) A2

(21) PCT/MA02/00005

(22) 31 Oct/oct 2002 (31.10.2002)

(25) fr (26) fr

(30) 26395 1 Nov/nov 2001 MA (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYNERGISTIC EFFECT BETWEEN AGAR WITH LOW GEL STRENGTH AND GUAR FLOURS AND THE METHOD OF PRODUCING ONE SUCH COMPOSITION

• EFFET DE SYNERGIE ENTRE L'AGAR DE FAIBLE FORCE DE GEL ET LES FARINES DE GALACTOMANNANES, ET PROCEDE DE PRODUCTION D'UNE TELLE COMPOSITION

(71) GELEX [MA/MA]; 22, Rue Hansali, Kénitra-Maroc (MA).

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

(72, 75) LEBBAR, Rachid [MA/MA]; 22 Rue Hansali, Kénitra-Maroc (MA). ABDELWAHAB, Riad [MA/MA]; 22 Rue Hansali, Kénitra-Maroc (MA).

(74) SABA & CO; 185 Bd- Zerkoutoni Casablanca, Maroc (MA).

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

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

(11) WO 03/037105 (13) A1

(21) PCT/US02/34886

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 10/001,464 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LOW GLYCEMIC INDEX BREAD

• PAIN A FAIBLE INDICE GLYCEMIQUE

(71) CONAGRA FOODS, INC. [US/US]; One Conagra Drive, Omaha, NE 68106 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WOLT, Michael, J. [US/US]; 12014 S. 217th Circle, Gretna, NE 68028 (US).

- ARNDT, Elizabeth, A. [US/US]; 12889 Valley Street, Omaha, NE 68144 (US).
HINCHICK, John, R. [US/US]; 6350 Williams Street, Omaha, NE 68106 (US).
- (74) OLSTER, Kathleen, M.; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 1/015, 1/211, A23N 12/00, A23K 1/14, A47J 27/00
- (11) WO 03/037106 (13) A1
- (21) PCT/BR02/00054
- (22) 16 Apr/avr 2002 (16.04.2002)
- (25) en (26) en
- (30) PI0104889-9 30 Oct/oct 2001 BR (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • A PROCESS FOR PRECOOKING GRAINS AND AN EQUIPMENT FOR PRECOOKING GRAINS
• PROCEDE DE CUISSON PREALABLE DE GRAINES ET APPAREIL DESTINE A LA MISE EN OEUVRE DE CE PROCEDE
- (71, 72) WAGNER, Werner, Erwin [BR/BR]; Rua Irmãos Gressler, 575, 98700-000-Ijuí, RS (BR).
- (74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA; Caixa Postal 2142, Rua Marquês de Olinda, 70, Botafogo, 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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS 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 A23L 1/025, A23B 5/01
- (11) WO 03/037107 (13) A2
- (21) PCT/IL02/00868
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 60/335,399 1 Nov/nov 2001 US (01.11.2001)
- (30) 60/375,737 26 Apr/avr 2002 US (26.04.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • HEAT TREATMENT OF WOOD BY ELECTRICITY
• TRAITEMENT THERMIQUE DU BOIS PAR VOIE ELECTRIQUE
- (71, 72) REZNIK, David [IL/US]; 12690 Viscaïno Road, Los Altos Hills, CA 94022 (US).
- (74) SANFORD T. COLB & CO. et al. / etc.; P.O. Box 2273, 76122 Rehovot (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A23L 1/0532, 1/0524, A23P 1/12, A23L 1/072
- (11) WO 03/037108 (13) A2
- (21) PCT/GB02/04941
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 0126153.6 31 Oct/oct 2001 GB (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PRODUCT, PROCESS AND EQUIPMENT
• PRODUIT, PROCEDE ET EQUIPEMENT
- (71) ISP INVESTMENTS INC. [US/US]; 300 Delaware Avenue, Suite 303, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KELLY, Thomas, Reid [GB/GB]; 10 Wold Road, Burton Latimer, Kettering, Northants NN15 5PN (GB). BARWICK, Bryan, Edwin [GB/GB]; 1 Mallard Close, Higham Ferrers, Northants NN10 8JQ (GB). SAWANT, Vijay, Arjun [GB/GB]; 10 Saxon Way, Raunds, Northants NN9 6PE (GB).
- (74) REID, John, Mackay 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A23L 3/00, 3/10, 3/12, A61L 2/07, 2/00, 2/24, B65B 25/00
- (11) WO 03/037109 (13) A1
- (21) PCT/CH02/00591
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) de (26) de
- (30) 2007/01 2 Nov/nov 2001 CH (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR STERILISING PRODUCTS
• PROCEDE POUR STERILISER DES PRODUITS
- (71) STEAMLAB SYSTEMS AG NATURAL PASTEURIZATION [CH/CH]; Gemeindeholzweg 38, CH-4103 Bottmingen (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BLAHA, Jirka [DE/DE]; Hünnerbergweg 9a, 79539 Lörrach (DE).
- (74) LUCHS, Willi; LUCHS & PARTNER, Schulhausstrasse 12, CH-8002 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A23P 1/00, B29C 47/00
- (11) WO 03/037110 (13) A1
- (21) PCT/US02/34281
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) en (26) en
- (30) 10/047,503 29 Oct/oct 2001 US (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • EXTRUDER DIE WITH ADDITIVE RESERVOIR
• FILIERE D'EXTRUSION AVEC RESERVOIR D'ADDITIF
- (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) KELLER, Lewis, Conrad [US/US]; 3013 Palmdale Drive, McKinney, TX 75070 (US). MORALES-ALVAREZ, Jorge, C. [US/US]; 8025 Elliot Drive, Plano, TX 75024 (US). OUELLETTE, Edward, Leon [US/US]; 2012 Mayfield Circle, Denton, TX 76208 (US). RAO, V.N. Mohan [US/US]; 3609 Whitehaven Drive, Plano, TX 75093 (US). TERRY, Vanessa, Suzanne [US/US]; 6605 Roscano Drive, Rowlett, TX 78089 (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 SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

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

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations

(u) for / pour US only / seulement

(51)⁷ A24B 3/14

(11) WO 03/037111 (13) A1

(21) PCT/US02/34695

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/330,738 30 Oct/oct 2001 US
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TRAVERSING MEASUREMENT SYS-
TEM FOR A DRYER AND ASSOCI-
ATED METHOD

- SYSTEME DE MESURE TRAVERSANT
POUR SECHOIR ET PROCEDE ASSO-
CIE

(71, 72) RAE, Todd, A. [US/US]; 2700 Meredith
Road, White Hall, MD 21151 (US).

(74) KERINS, John, C.; Miles & Stock-
bridge P.C., 1751 Pinnacle Drive, Suite
500, McLean, VA 22102-3833 (US).

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

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

Published / Publiée : (c)

(51)⁷ A24D 1/02, 3/04

(11) WO 03/037112 (13) A1

(21) PCT/IB02/04345

(22) 21 Oct/oct 2002 (21.10.2002)

(25) en (26) en

(30) 01/13969 29 Oct/oct 2001 FR
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CIGARETTE FILTER

- FILTRE DE CIGARETTE

(71, 72) JACCARD, Pierre [CH/CH]; Chemin
de la Potteilaz 68, CH-1030 Bussigny (CH).

(74) KILIARIDIS, Constantin et al. / etc.; C/O
BUGNION S.A., Case Postale 375, CH-1211
Genève 12 (CH).

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

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

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

(51)⁷ A24D 3/02, A24C 5/47

(11) WO 03/037113 (13) A1

(21) PCT/EP02/10290

(22) 13 Sep/sep 2002 (13.09.2002)

(25) de (26) de

(30) 101 53 655.0 2 Nov/nov 2001 DE
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE FOR WRAPPING GROUPS
OF FILTER SEGMENTS WITH A
WRAPPING MATERIAL FOR PRO-
DUCING MULTI-SEGMENT FILERS
OF THE TOBACCO INDUSTRY AND
MULTI-SEGMENT FILTER PRODUC-
TION DEVICE

- DISPOSITIF DESTINE A ENVELOP-
PER DES GROUPES DE SEGMENTS
DE FILTRE AVEC UN MATERIAU
D'ENVELOPPAGE POUR LA FABRI-
CATION DE FILTRES A PLUSIEURS
SEGMENTS DE L'INDUSTRIE DU
TABAC ET SYSTEME DE FABRICA-
TION DE FILTRES A PLUSIEURS
SEGMENTS

(71) HAUNI MASCHINENBAU AG [DE/DE];
Kurt-A.-Körber-Chaussee 8-32, 21033 Ham-
burg (DE).

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

(72, 75) HORN, Sönke [DE/DE]; Illenweg 54,
21502 Geesthacht (DE). SCHERBARTH,
Thorsten [DE/DE]; Westerkamp 43, 21502
Geesthacht (DE). WOLFF, Stephan
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STROHECKER, Gerd [DE/DE]; El-
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ROCKTÄSCHEL, Steffen [DE/DE]; He-
lene-Lange-Strasse 73, 21337 Lüneburg
(DE). STEINIGER, Wolfgang [DE/DE];
Grünhofer Strasse 23b, 21502 Geesthacht
(DE). LORENZEN, Heinz-Christen
[DE/DE]; Blautannenweg 24a, 21465 Wen-
torf (DE). HEITMANN, Uwe [DE/DE];
Schärstrasse 3, 21031 Hamburg (DE).
GEORGITSIS, Nikolaos [DE/DE]; Dü-
nenweg 14, 21033 Hamburg (DE).

(74) NIEDMERS & SEEMANN; 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 SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT 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 A24D 3/04, 3/14, 3/16

(11) WO 03/037114 (13) A1

(21) PCT/JP02/10989

(22) 23 Oct/oct 2002 (23.10.2002)

(25) ja (26) ja

(30) 2001-332651 30 Oct/oct 2001 JP
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FILTER FOR CIGARETTE AND
CIGARETTE WITH FILTER

- FILTRE POUR CIGARETTE ET CIGA-
RETTE AVEC FILTRE

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

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les États désignés sauf US)

(72, 75) INAGAKI, Michihiro [JP/JP]; c/o
JAPAN TOBACCO INC., 6-2, Umeaoka,
Aoba-ku, Yokohama-shi, Kanagawa
227-0052 (JP). KATAYAMA, Kazuhiko
[JP/JP]; c/o JAPAN TOBACCO INC., 6-2,
Umeaoka, Aoba-ku, Yokohama-shi, Kana-
gawa 227-0052 (JP). IKEDA, Takako
[JP/JP]; c/o JAPAN TOBACCO INC., 6-2,
Umeaoka, Aoba-ku, Yokohama-shi, Kana-
gawa 227-0052 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o
SUZUYE & SUZUYE, 7-2, Kasumigaseki
3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 A24F 5/04

(11) WO 03/037115 (13) A1

(21) PCT/US02/33940

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 60/336,207 30 Oct/oct 2001 US
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • REED VALVE CONTROLLED CANIS-
TER

- CAPSULE CONTROLEE PAR UNE
VALVE A RUBAN

(71) PHILIP MORRIS PRODUCTS S.A.
[US/US]; 3601 Commerce Road, Richmond,
VA 23234 (US).

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

(72, 75) GARTHAFFNER, Martin, T. [US/US];
5200 Newbyswood Trail, Chesterfield, VA
23832 (US).

(74) **BECK, Richard, M.**; Connolly Bove Lodge & Hutz LLP, 1220 Market Street, P.O. Box 2207, Wilmington, DE 19899 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **A41B 13/00, A41D 15/00, A41B 13/10**

(11) **WO 03/037116** (13) A1

(21) PCT/GR02/00057

(22) **29 Oct/oct 2002 (29.10.2002)**

(25) en (26) en

(30) 20010200167 **30 Oct/oct 2001 GR (30.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • CHILDRENS GARMENT

• VETEMENT POUR ENFANTS

(71) **FRAGOS SOCIETY ANONYMOUS OF PRODUCTION AND TRADE OF GARMENTS** [GR/GR]; 423 B Vouliagmenis Av., GR-163 46 Ilioupolis Attikis (GR).

(72) **SKLAVOLIA, Anastasia**; 4 Chrisafi Street, GR-174 55 Alimos Attikis (GR).

(74) **MOUTSAKI, Arsinoi**; 136 Alexandras Av., GR-114 71 Athens (GR).

(81) CZ (Utility model / modèle d'utilité) DE (Utility model / modèle d'utilité) ES (Utility model / modèle d'utilité) GB RU (Utility model / modèle d'utilité).

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

Published / Publiée : (c)

(51)⁷ **A41C 1/00, 1/06, A41B 17/00, D04B 21/18**

(11) **WO 03/037117** (13) A1

(21) PCT/JP02/11084

(22) **25 Oct/oct 2002 (25.10.2002)**

(25) ja (26) ja

(30) 2001-331279 **29 Oct/oct 2001 JP (29.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • ARTICLE OF CLOTHES USING WARP TEXTURE AND HAVING STRETCHABILITY

• PIECE DE VETEMENT DE STRUCTURE EN CHAINE ET EXTENSIBLE

(71) **WACOAL CORP.** [JP/JP]; 29, Nakajimacho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8530 (JP).

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(72, 75) **TAKAGI, Eiko** [JP/JP]; c/o WACOAL CORP., 29, Nakajimacho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8530 (JP). **KAWAI, Erina** [JP/JP]; c/o WACOAL CORP., 29, Nakajimacho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8530 (JP).

HAYASHI, Rie [JP/JP]; c/o WACOAL CORP., 29, Nakajimacho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8530 (JP). **ISHIMOTO, Yasuo** [JP/JP]; c/o ASAHI MAQAM INC., 35-3-1, Etomenaka, Harucho, Sakai-gun, Fukui 919-0412 (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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **A41C 3/00**

(11) **WO 03/037118** (13) A1

(21) PCT/CN02/00766

(22) **30 Oct/oct 2002 (30.10.2002)**

(25) zh (26) zh

(30) 01267292.0 **30 Oct/oct 2001 CN (30.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • THREE-DIMENSIONAL BREAST BRASSIERE

• SOUTIEN-GORGE A VOLUME

(71, 72) **ZHAO, Pengfei** [CN/CN]; No. 103, Building 21, Jinying Huayuan, Qinghexilu, Fuyang City, Anhui 236000 (CN).

(74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 8th floor, 2 Fuchengmenwai Street, Beijing 100037 (CN).

(81) AE 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) EE (Utility model / modèle d'utilité) EE ES (Utility model / modèle d'utilité) FI (Utility model / modèle d'utilité) FI GB GD GE (Utility model / modèle d'utilité) GH GM HR HU (Utility model / modèle d'utilité) ID IL IN IS JP (Utility model / modèle d'utilité) KE (Utility model / modèle d'utilité) KG (Utility model / modèle d'utilité) KP KR (Utility model / modèle d'utilité) KZ (Utility model / modèle d'utilité) LC LK LR LS (Utility model / modèle d'utilité) LT LU LV MA MD (Utility model / modèle d'utilité) MG MK MN MW MX (Utility model / modèle d'utilité) MZ 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) SD SE SG SI 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) VN (Utility model / modèle d'utilité) YU ZA ZM ZW.

(84) AP (Utility model / modèle d'utilité) (GH); AP (GH); AP (Utility model / modèle d'utilité) (GM); AP (GM); AP (Utility model / modèle d'utilité) (KE); AP (KE); AP (Utility model / modèle d'utilité) (LS); AP (LS); AP (Utility model / modèle d'utilité) (MW); AP (MW); AP (Utility model / modèle d'utilité) (MZ); AP (MZ); AP (Utility model / modèle d'utilité) (SD); AP (SD); AP (Utility model / modèle d'utilité) (SL); AP (SL); AP (Utility model / modèle d'utilité) (SZ); AP (SZ); AP (Utility model / modèle d'utilité) (TZ); AP (TZ); AP (Utility model / modèle d'utilité) (UG); AP (UG); AP (Utility model / modèle d'utilité) (ZM); AP (ZM); AP (Utility model / modèle d'utilité) (ZW); AP (ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (Utility model / modèle d'utilité) (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 **A41D**

(11) **WO 03/037119** (13) A2

(21) PCT/US02/34540

(22) **28 Oct/oct 2002 (28.10.2002)**

(25) en (26) en

(30) 10/021,451 **29 Oct/oct 2001 US (29.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • GOLF GLOVE WITH GOLF BALL MARKER

• GANT DE GOLF AVEC MARQUEUR DE BALLE

(71) **INTERNATIONAL GLUV CORPORATION** [US/US]; Suite 405, Krystal Building, One Union Square, Chattanooga, TN 37402 (US).

(72) **DAVENPORT, Lanier, M.**; 2 Market Street, Apartment 306, Chattanooga, TN 37402 (US). **KNIGHT, Dennis, L.**; Suite 405, Krystal Building, One Union Square, Chattanooga, TN 37402 (US).

(74) **STARK, Stephen, J.**; Miller & Martin LLP, Suite 1000, Volunteer Building, 832 Georgia Avenue, Chattanooga, TN 37402-2289 (US).

(81) AE AG AT AU BB BR BZ CA CH CN CR CU CZ DE DK DM DZ EC ES FI GB HU ID IL IN IS JP KP KR LC LK LU MA MX NO NZ PL PT RO RU SE SG TR TT VN.

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

(51)⁷ **A41D 13/12, 27/10, 19/00**

(11) **WO 03/037120** (13) A1

(21) PCT/US02/08929

(22) **21 Mar/mar 2002 (21.03.2002)**

(25) en (26) en

(30) 10/001,471 **1 Nov/nov 2001 US (01.11.2001)**

(43) 8 May/mai 2003 (08.05.2003)

- (54) • PROTECTIVE GARMENTS WITH GLOVE FLAPS
• VETEMENTS DE PROTECTION A RABATS DE GANT

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

(72) POPPE, Jay, A.; 157 Bramble Oak Drive, Woodstock, GA 30188 (US).

(74) GARRISON, Scott, B. et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 N. Lake Street, Neenah, WI 54956 (US).

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

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

Declarations / Déclarations :

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

(51)⁷ A41D 19/00, 13/12

(11) WO 03/037121 (13) A1

(21) PCT/US02/18598

(22) 12 Jun/juin 2002 (12.06.2002)

(25) en (26) en

(30) 10/003,470 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • PROTECTIVE GARMENT WITH GLOVE RETAINING MECHANISM
• VETEMENT DE PROTECTION AVEC MECANISME DE RETENUE DE GANTS

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

(72) AMBROSE, Julia; 2169 Powers Ferry Drive, Marietta, GA 30067 (US). SCHILD, Lisa; 1027 Hemingway Lane, Roswell, GA 30075 (US). MCCARVER, Stacey, G.; 4290 Marsh Road, Marietta, GA 30066 (US).

(74) BONDURA, Stephen, E.; Dority & Manning, P.A., One Liberty Square, 55 Beattie Place, Suite 1600, Greenville, SC 29601 (US) et al. / etc.

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

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

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

Declarations / Déclarations :

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

(51)⁷ A42B 1/24

(11) WO 03/037122 (13) A1

(21) PCT/KR01/01885

(22) 6 Nov/nov 2001 (06.11.2001)

(25) ko (26) en

(30) 2001/67468 31 Oct/oct 2001 KR (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • CAP WITH MASK
• CASQUETTE AVEC MASQUE INTEGRE

(71, 72) SEO, Jong-Geun [KR/KR]; 104-1203 Samik Apt., 737 Gongreung 2-dong, Nowon-gu, Seoul 139-242 (KR).

(74) KIM, Won-Joon et al. / etc.; Shinwon Bldg., 648-15 Yeoksam-dong, Gangnam-gu, Seoul 135-911 (KR).

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

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

(51)⁷ A43B 3/10, 21/24, 23/04, 21/26, 13/14, 13/18

(11) WO 03/037123 (13) A1

(21) PCT/GB02/05030

(22) 4 Nov/nov 2002 (04.11.2002)

(25) en (26) en

(30) 0126323.5 2 Nov/nov 2001 GB (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • IMPROVEMENTS RELATING TO FOOTWEAR

- CHAUSSURE AMELIOREE

(71, 72) CLARK, Galahad [GB/GB]; 1 Leverton Place, London NW5 2PL (GB). KOOL-HAAS, Rement, Dirk [NL/NL]; Amsteldijk 77-B, NL-1074 JA Amsterdam (NL).

(74) HEPWORTH, John, Malcolm et al. / etc.; Hepworth Lawrence Bryer & Bizley, Bloxam Court, Corporation Street, Rugby, Warwickshire CV21 2DU (GB).

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

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

(51)⁷ A43B 3/24, 13/20

(11) WO 03/037124 (13) A1

(21) PCT/US02/33410

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) 10/051,398 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • DEVICES AND METHODS FOR ORTHOTIC CUSTOMIZATION
• DISPOSITIFS ET PROCEDES DE PERSONNALISATION D'ORTHESES

(71, 72) KANTRO, Scott, R. [US/US]; 23 Split Rock Road, Pound Ridge, NY 10576 (US).

(74) SOFER, Joseph; Sofer & Haroun, LLP, 317 Madison Avenue, Suite 910, New York, NY 10017 (US).

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

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

(51)⁷ A43B 7/32, F41H 11/12

(11) WO 03/037125 (13) A1

(21) PCT/CZ02/00056

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) PV 2001-3870 29 Oct/oct 2001 CZ (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • ANTI LAND-MINE BOOTS
• BOTTINES ANTI-MINES TER-
RESTRES

(71, 72) ZEMAN, Petr [CZ/CZ]; Průmyslová 20, 650 15 Znojmo (CZ). ZEMAN, Libor [CZ/CZ]; E. Beneše 1029, 765 02 Otrokovice (CZ).

(74) GÖRIG, Jan; Spur a.s., Trída Tomáše Bati 299, 764 22 Zlín (CZ).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A43B 17/10

(11) WO 03/037126 (13) A1

(21) PCT/JP02/04501

(22) 8 May/mai 2002 (08.05.2002)

(25) ja (26) ja

(30) 2001-333579 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SHOE INSOLE

• SEMELLE PREMIERE DE CHAUS-
SURE

(71) SAIKYOSYA CO., LTD. [JP/JP]; 6, Kitamatsunoki-cho, Higashikujou, Minami-ku, Kyoto-shi, Kyoto 601-8022 (JP). ICHIHARA CO., LTD. [JP/JP]; 29-6, Inabadai, Ohtsu-shi, Shiga 520-0065 (JP).
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(72, 75) ICHIHARA, Kouzou [JP/JP]; c/o Ichihara Co., Ltd., 29-6, Inabadai, Ohtsu-shi, Shiga 520-0065 (JP). ICHIHARA, Junko [JP/JP]; c/o Ichihara Co., Ltd., 29-6, Inabadai, Ohtsu-shi, Shiga 520-0065 (JP).

(74) OKUDA, Kazuo; Towa City Square 5F, 245-1, Shoushou-cho, Ebisugawa-agaru, Karasuma-douri, Nakagyo-ku, Kyoto-shi, Kyoto 604-0862 (JP).

(81) AU BR CA CN DE ES GB ID IN JP KR RU SG US VN.

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

(51)⁷ A43B 23/10

(11) WO 03/037127 (13) A1

(21) PCT/EP02/11917

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) MI2001A 002270 29 Oct/oct 2001 IT (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PROTECTIVE TOECAP, PARTICU-
LARLY FOR SAFETY SHOES

• PROTEGE-ORTEILS, PARTICULIE-
REMENT POUR CHAUSSURES DE
SECURITE

(71, 72) FRULLA, Claudio [IT/IT]; Via Mazzini, 12/A, I-20084 Lacchiarella (IT).

(74) MODIANO, Guido; Modiano & Associati, Via Meravigli, 16, IT-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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A43B 23/28, B32B 3/00

(11) WO 03/037128 (13) A1

(21) PCT/US02/35071

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/344,878 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR MODIFYING TRAC-
TION SURFACES USING CORUNDUM
PARTICLES

• PROCEDE DE MODIFICATION DE
SURFACES DE TRACTION A L'AIDE
DE PARTICULES DE CORINDON

(71) OLD SOLES, LLC. [US/US]; 1365 South Marion Street, Denver, CO 80210 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BROZ, Joseph, S. [US/US]; 2930 S. Detroit Way, Denver, CO 80210 (US).

(74) WINNER, Ellen, P. et al. / etc.; Greenlee, Winner and Sullivan, P.C., Suite 201, 5370 Manhattan Circle, Boulder, CO 80303 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A43C 11/00, A43B 23/26

(11) WO 03/037129 (13) A1

(21) PCT/US02/34750

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/000,979 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ATHLETIC SHOE

• CHAUSSURE DE SPORT

(71, 72) SMITH, Rudolph [US/US]; 9036 Keith Avenue, West Hollywood, CA 90069 (US).

(74) BELASCO, David, A.; Belasco, Jacobs & Townsley, LLP, Suite 330, 100 Corporate Pointe, Culver City, CA 90230 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A43C 15/02

(11) WO 03/037130 (13) A1

(21) PCT/US02/34771

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/340,104 30 Oct/oct 2001 US (30.10.2001)

(30) 10/216,301 9 Aug/août 2002 US (09.08.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ATHLETIC SHOE CLEAT ATTACH-
MENT SYSTEM
• SYSTEME DE FIXATION DE CALE-PE-
DALE ATHLETIQUE

(71, 72) SMITH, Leo, E. [US/US]; 2013 Westwood Drive, Kinston, NC 28504 (US).

(74) SNEAD, Kimberly, O.; Parker & Deste-fano, Suite 300, 300 Preston Avenue, Charlottesville, VA 22902 (US).

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

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

(51)⁷ A44B 18/00 // B24D 11/02

(11) WO 03/037131 (13) A1

(21) PCT/US02/29941

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 10/002,560 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • APPARATUS AND METHOD FOR CAPPING WIDE WEB RECLOSABLE FASTENERS
- APPAREIL ET PROCÉDE DE FORMATION DES COIFFES SUR DES FIXATIONS REFERMABLES EN LARGES BANDES
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) BAY, Randy, S.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). THOMAS, Cristina, U.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). SLAMA, David, F.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). PAXTON, Richard, T.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). CURTIS, Gary, L.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). MATTSO, Jonathan, J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) SZYMANSKI, Brian, E. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

(51)⁷ A44B 19/32

(11) WO 03/037132 (13) A2

(21) PCT/DE02/03995

(22) 23 Oct/oct 2002 (23.10.2002)

(25) de (26) de

(30) 101 51 590.1 23 Oct/oct 2001 DE (23.10.2001)

(30) 102 48 574.7 17 Oct/oct 2002 DE (17.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • WATER-TIGHT ZIPPER

- FERMETURE A GLISSIERE ETANCHE A L'EAU

(71, 72) ORTLIEB, Hartmut [DE/DE]; Rainstr. 6, 91560 Heilsbronn (DE).

(74) SCHUHMAN, Albrecht; c/o Merten & Pfeiffer, Allersberger Str. 185, 90461 Nürnberg (DE).

(81) CN JP US.

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

(51)⁷ A44C

(11) WO 03/037133 (13) A2

(21) PCT/US01/28435

(22) 15 Oct/oct 2001 (15.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • REVERSIBLE JEWELRY FASTENER PERMITTING SELECTIVE ILLUMINATION

- FERMETURE DE BIJOUX REVERSIBLE PERMETTANT UN ECLAIRAGE SELECTIF

(71) CALYPSO WORLDWIDE MARKETING, INC. [BS/BS]; P.O. Box N-7768, Bank Lane, Ansbacher (Bahamas) Limited, Nassau, New Providence (BS).

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(72, 75) OHLUND, Stephen, K. [US/US]; 1533 Osos Street, San Luis Obispo, CA 93401 (US).

(74) COLITZ, Michael, J., III et al. / etc.; 400 North Ashley Drive, Suite 2300, Tampa, FL 33602 (US).

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

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

Declarations / Déclarations :

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

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

(51)⁷ A46B 3/00, A46D 1/00, D04D 5/00, B29C 65/00

(11) WO 03/037134 (13) A2

(21) PCT/US02/34102

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 60/336,226 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ELONGATED PILE SUB-ASSEMBLY, GUIDE APPARATUS AND PILE SUB-ASSEMBLY ARTICLES OF MANUFACTURE

- SOUS-ENSEMBLE VELOURS ALLONGE, APPAREIL DE GUIDAGE ET FABRICATION D'ARTICLES A SOUS-ENSEMBLE VELOURS

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

(72) EDWARDS, Mark, Stephen; 26 Tall Oaks Drive, Hockessin, DE 19707 (US).

(74) FAIR, Tamera, L.; E.I. Dupont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A46B 3/04, 1/00, A46D 1/00

(11) WO 03/037135 (13) A1

(21) PCT/FI02/00802

(22) 14 Oct/oct 2002 (14.10.2002)

(25) fi (26) en

(30) 20012112 1 Nov/nov 2001 FI (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR MANUFACTURING OF A CASSETTE BRUSH AND A CASSETTE BRUSH

- PROCÉDE DE FABRICATION DE BROSSE A CASSETTE ET BROSSE A CASSETTE

(71) SAJAKORPI OY [FI/FI]; PL 725, FIN-33101 Tampere (FI).

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

(72, 75) KUIVIKKO, Reijo [FI/FI]; Insinöörinkatu 52 B 36, FIN-33720 Tampere (FI).

(74) **KANGASMÄKI, Reijo**; Finnish Patent Consulting FPC, Hermiankatu 14, FIN-33720 Tampere (FI).

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

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

(51)⁷ **A46B 3/06, 5/06, B05C 17/02, D04D 5/00**

(11) **WO 03/037136** (13) A1

(21) PCT/US02/34105

(22) **24 Oct/oct 2002 (24.10.2002)**

(25) en (26) en

(30) 60/336,210 **29 Oct/oct 2001** US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **METHOD AND APPARATUS FOR MAKING PILE ASSEMBLIES AND PRODUCTS THEREFROM**

• **PROCEDE ET APPAREIL DE FABRICATION D'ENSEMBLES VELOURS ET PRODUITS ASSOCIES**

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

(72) **EDWARDS, Mark, Stephen**; 26 Tall Oaks Drive, Hockessin, DE 19707 (US). **BROWN, Robert, M.**; 3846 Elizabeth Drive, Boothwyn, PA 19061 (US). **SHERMAN, William, H.**; 2417 Rambler Road, Wilmington, DE 19810 (US).

(74) **FAIR, Tamera, L.**; E.I. DUPONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

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

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

Published / Publiée : (c)

(51)⁷ **A46B 17/06**

(11) **WO 03/037137** (13) A1

(21) PCT/US02/35127

(22) **1 Nov/nov 2002 (01.11.2002)**

(25) en (26) en

(30) 10/002,365 **1 Nov/nov 2001** US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **PAINT BRUSH CLEANING DEVICE**

• **DISPOSITIF DE NETTOYAGE DE PINCEAUX**

(71) **DYNAMIC CLEANING TECHNOLOGIES LLC** [US/US]; 10978 Ayers Avenue, Los Angeles, CA 90064 (US).

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

(72, 75) **BRACKETT, Ted., J.** [US/US]; 102 Rosecrans, Manhattan Beach, CA 90266 (US). **SMITH, Martin, C.** [US/US]; 10978 Ayres Avenue, Los Angeles, CA 90064 (US). **ANDERSON, Mark,** [US/US]; 22725 Burbank Blvd., Woodland Hills, CA 91367 (US).

(74) **CISLO, Daniel, M. et al. / etc.**; 233 Wiltshire Boulevard, Suite 900, Santa Monica, CA 90401 (US).

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

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

(51)⁷ **A47B 41/02**

(11) **WO 03/037138** (13) A1

(21) PCT/KR02/02003

(22) **26 Oct/oct 2002 (26.10.2002)**

(25) ko (26) en

(30) 2001-32887 (U.M) **27 Oct/oct 2001** KR
(27.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **UPPER BOARD AND SEAT BOARD WHICH USED PROMINENCE AND DEPRESSION METAL AS SUPPORTER RIB**

• **PANNEAU SUPERIEUR ET SIEGE DE BUREAU PRESENTANT UNE PROTUBERANCE ET UNE CAVITE METALLIQUES AINSI QUE DES NERVURES DE SUPPORT**

(71, 72) **OH, Yong, Hoon** [KR/KR]; 32-102 Donga Apt., 70-125, Bupyeong 1-dong, Bupyeong-gu, 403-762 Incheon-si (KR).

(74) **KIM, Won-Shik**; International Department, Suite 201 Yuyang Bldg., 823-11, Yoksam-dong, Gangnam-gu, 135-080 Seoul (KR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **A47B 55/00**

(11) **WO 03/037139** (13) A1

(21) PCT/US02/34030

(22) **24 Oct/oct 2002 (24.10.2002)**

(25) en (26) en

(30) 60/346,019 **26 Oct/oct 2001** US
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **CABINET SPOUT ASSEMBLY**

• **ENSEMBLE GOULOTTE POUR MEUBLE A TIROIRS**

(71) **KOHLER CO.** [US/US]; 444 Highland Drive, Kohler, WI 53044 (US).

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

(72, 75) **PIATT, James, M.** [US/US]; 112 Pine Street, Sheboygan Falls, WI 53085 (US).

(74) **STREIT, Richard, J.**; Ladas & Parry, 224 S. Michigan Avenue, Chicago, IL 60604 (US).

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

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

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(51)⁷ **A47B 83/00, 21/03, 21/02**

(11) **WO 03/037140** (13) A1

(21) PCT/FR02/03746

(22) **30 Oct/oct 2002 (30.10.2002)**

(25) fr (26) fr

(30) 01/14202 **31 Oct/oct 2001** FR
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **ADAPTABLE WORK STATION**

• **POSTE DE TRAVAIL MODULABLE**

(71) **CRAIE** [FR/FR]; 64, rue Pouchet, F-75017 Paris (FR).

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

(72, 75) **MASSACRIER, James** [FR/FR]; 8 bis, Villa des Epinettes, F-75017 Paris (FR).

(74) **CAPRI SARL**; 94, avenue Mozart, F-75016 Paris (FR).

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

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

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

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(51)⁷ A47C

(11) WO 03/037141 (13) A2

(21) PCT/US01/50866

(22) 28 Oct/oct 2001 (28.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • AIR-FLOW CONTAINMENT AND DISTRIBUTION ASSEMBLY

• ENSEMBLE DE DISTRIBUTION ET DE RETENUE D'AIR VENTILE

(71, 72) FLORES, Mark [US/US]; 560 South 'G' Street, Oxnard, CA 93033 (US).

(74) COTA, Albert, O.; Suite A-331, 5460 White Oak Avenue, Encino, CA 91316 (US).

(81) AE AG AL AT AU BA BB BG BR BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE HR HU ID IL IN IS JP KR LC LK LR LS LT LU LV MA MD MG MK MN MX NO NZ OM PH PL PT RO RU SE SG SI SK TR TT UA UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 1/02, 1/06, 1/12, A61G 15/00, B60N 2/00, 2/02

(11) WO 03/037142 (13) A1

(21) PCT/US02/34241

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 09/985,101 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • RESILIENT SEATING STRUCTURE

• STRUCTURE D'ASSISE RESILIENTE

(71, 72) BERMAN, Irwin, R. [US/US]; 146 Shore Rush Drive, Saint Simon Island, GA 31522 (US). HAMBRIGHT, Frank, H. [US/US]; 556 Ocean Boulevard, Saint Simons Island, GA 31522 (US).

(74) HOOFNAGLE, J., Bruce; P.O. Box 370, Lisbon, MD 21765-0370 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A47C 17/84, A61G 7/043

(11) WO 03/037143 (13) A1

(21) PCT/IN02/00099

(22) 5 Apr/avr 2002 (05.04.2002)

(25) en (26) en

(30) 884/MAS/2001 30 Oct/oct 2001 IN (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SWING BED

• LIT BASCULANT

(71, 72) RADHAKRISHNAN, Kasthuri [IN/IN]; 10-A, Park Town, Old Sungam, Ramanathapuram, Coimbatore 641 045, Tamilnadu (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 A47C 19/22

(11) WO 03/037144 (13) A1

(21) PCT/JP02/01522

(22) 20 Feb/fév 2002 (20.02.2002)

(25) ja (26) ja

(30) 2001-333694 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • STORING TYPE BED

• LIT DE TYPE A ESPACES DE STOCKAGE

(71) ANNAKA FACTORY CO., LTD. [JP/JP]; 1182, Ohaza-Ishizone, Muramatsu-machi, Nakakanbara-gun, Niigata 959-1795 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANNAKA, Shigeru [JP/JP]; c/o Annaka Factory Co., Ltd., 1182, Ohaza-Ishizone, Muramatsu-machi, Nakakanbara-gun, Niigata 959-1795 (JP).

(74) USHIKI, Mamoru; 4th Floor, Fujii Daiichi Bldg., 11-11, Uchikanda 1-chome, Chiyoda-ku, Tokyo 101-0047 (JP).

(81) AU BR CA CN ID IN RO US.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (BE CH DE ES FR GB IT NL PT).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A47C 27/14, 27/18

(11) WO 03/037145 (13) A1

(21) PCT/IB02/04109

(22) 7 Oct/oct 2002 (07.10.2002)

(25) en (26) en

(30) 10/016,722 30 Oct/oct 2001 US (30.10.2001)

(30) 10/163,041 5 Jun/juin 2002 US (05.06.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PRESSURE ADJUSTABLE FOAM SUPPORT APPARATUS

• DISPOSITIF DE SUPPORT DE MOUSSE REGLABLE PAR PRESSION

(71, 72) GIORI, Gualtiero [CH/US]; 4333 SW 26th Court, Cape Coral, FL 33914 (US). GIORI, Janine [CH/US]; 4333 SW 26th Court, Cape Coral, FL 33914 (US).

(74) DUCOR, Philippe; BMG Avocats, 8c, avenue de Champel, Case Postale 385, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A47F 7/00, 5/08, E05B 73/00, B25H 3/00

(11) WO 03/037146 (13) A1

(21) PCT/AU02/01403

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) PR 8599 31 Oct/oct 2001 AU (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A MOUNTING DEVICE

• DISPOSITIF DE MONTAGE

(71) MAKITA (AUSTRALIA) PTY LTD [AU/AU]; 92 Wetherill Street, Silverwater, NSW 2141 (AU). ADVANTAGE LINE PTY LIMITED [AU/AU]; 1 Middleton Road, Cromer, NSW 2099 (AU).

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

(72, 75) MINNICI, Frank [AU/AU]; 17 Bennett Street, Harbord, NSW 2096 (AU). MACQUEEN, Rod [AU/AU]; 6 Beach Road, Collaroy, NSW 2097 (AU).

(74) COWLE, Anthony, John et al. / etc.; Davies Collison Cave, Level 10, 10 Barrack 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A47F 7/02
(11) WO 03/037147 (13) A2
(21) PCT/CH02/00585
(22) 29 Oct/oct 2002 (29.10.2002)
(25) fr (26) fr
(30) 1984/01 30 Oct/oct 2001 CH
(30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • STAND FOR DISPLAYING OBJECTS, IN PARTICULAR WRIST WATCH OR JEWELLERY ARTICLE
• DISPOSITIF DE SUPPORT PRESENTOIR D'OBJETS, NOTAMMENT MONTRE-BRACELET OU ARTICLE JOAILLERIE
(71, 72) FAVRE, Bernard [CH/CH]; Rte de la Gare 35, CH-2012 Auvenerier (CH).
(74) MUELLER, Reynold; 8, rte du Belvédère, CH-1752 Villars-sur-Glanç (CH).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A47G 29/02
(11) WO 03/037148 (13) A1
(21) PCT/IL02/00860
(22) 28 Oct/oct 2002 (28.10.2002)
(25) en (26) en
(30) 146253 31 Oct/oct 2001 IL
(31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • UPRIGHT AND MODULAR SUPPORT ASSEMBLY USING SAME
• MONTANT ET ENSEMBLE DE SUPPORT MODULAIRE DANS LEQUEL IL EST UTILISE
(71, 72) MOLEK, Efraim [IL/IL]; 24 Malchei Yehuda Street, 46348 Herzliya (IL).
(74) JEREMY M. BEN-DAVID & CO. LTD.; Har Hotzvim Hi-Tech Park, P.O. Box 45087, 91450 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 27/00, H05B 3/00
(11) WO 03/037149 (13) A1
(21) PCT/DE02/03554
(22) 21 Sep/sep 2002 (21.09.2002)
(25) de (26) de
(30) 201 17 517.7 25 Oct/oct 2001 DE
(25.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • MOBILE UNIVERSAL COOKING APPLIANCE
• APPAREIL DE CUISSON UNIVERSEL PORTATIF
(71) RAUSCHERT GMBH & CO. KG [DE/DE]; Bahnhofstr. 1, 96332 Pressig (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) METZLER, Richard [DE/DE]; Barer Str. 32, 80333 München (DE). MOELLER, Friedrich [DE/DE]; Brunnenstr. 3, 96465 Neustadt (DE).
(74) WEBER, Dieter et al. / etc.; Taunusstrasse 5a, Postfach 61 45, 65183 Wiesbaden (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A47J 31/00
(11) WO 03/037150 (13) A1
(21) PCT/US02/34776
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 10/001,261 1 Nov/nov 2001 US
(01.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • INTELLIGENT COFFEEMAKER APPLIANCE
• CAFETIERE INTELLIGENTE
(71) SALTON, INC. [US/US]; 1955 W. Field Court, Lake Forest, IL 60045 (US).
(72) WILLIAMSON, Charles, G.; 1027 Hickory Hill Drive, Columbia, MO 65202 (US).
(74) SIGALE, Jordan, A. et al. / etc.; Sonnenschein Nath & Rosenthal, P.O. Box 061080, Wacker Drive Station, Sears Tower, Chicago, IL 60606-1080 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A47J 31/44
(11) WO 03/037151 (13) A1
(21) PCT/EP02/12093
(22) 30 Oct/oct 2002 (30.10.2002)
(25) de (26) de
(30) 101 54 046.9 2 Nov/nov 2001 DE
(02.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • HOUSEHOLD APPLIANCE COMPRISING A CONTROL ELEMENT AND A DISPLAY ELEMENT
• APPAREIL MENAGER COMPRENANT UN ELEMENT DE COMMANDE ET UN ELEMENT D'AFFICHAGE
(71) MIELE & CIE. GMBH & CO. [DE/DE]; Schutzrechte/Verträge, Carl-Miele-Strasse 29, 33332 Gütersloh (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BRINKEMPER, Klaus [DE/DE]; Schulbach 4, 33378 Rheda-Wiedenbrück (DE). BÜHLMAYER, Michael [DE/DE]; Goethestrasse 13, 33428 Harsewinkel (DE). FOX, Norbert [DE/DE]; Uthofstrasse 50, 33442 Herzbrock (DE). HAHN, Uwe [DE/DE]; Eichenallee 153, 33332 Gütersloh (DE). HEIDEMANN, Tobias [DE/DE]; Hoyeler Kirchring 22, 49328 Melle (DE). NATTKEMPER, Jörg [DE/DE]; Soerster Strasse 11, 59071 Hamm (DE). NIEHAUS, Detlef [DE/DE]; Penterstrasse 61, 59067 Hamm (DE). POHLÜKE, Margit [DE/DE]; Im Eichengrund 51b, 33334 Gütersloh (DE).

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

Published / Publiée : (b)

(51)⁷ A47J 43/00
(11) WO 03/037152 (13) A2
(21) PCT/IB02/04315
(22) 17 Oct/oct 2002 (17.10.2002)
(25) en (26) en
(30) 01890302.1 31 Oct/oct 2001 EP
(31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • FOOD PROCESSOR COMPRISING A SIFTER DEVICE
• UNITE DE TRAITEMENT D'ALIMENTS COMPRENANT UN DISPOSITIF DE TAMISAGE
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(72) BUCHSTEINER, Alois, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(74) WEBER, Helmut; Internationaal Octroobureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(81) CN JP.

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

(51)⁷ A47K 10/36

(11) WO 03/037153 (13) A1

(21) PCT/JP02/11021

(22) 23 Oct/oct 2002 (23.10.2002)

(25) ja (26) ja

(30) 2001-373403 1 Nov/nov 2001 JP (01.11.2001)

(30) 2002-44209 21 Feb/fév 2002 JP (21.02.2002)

(30) 2002-269896 17 Sep/sep 2002 JP (17.09.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PAPER HOLDER, AND PAPER CUTTING DEVICE
• SUPPORT DE PAPIER ET DISPOSITIF COUPE-PAPIER

(71, 72) HIRAI, Toshiharu [JP/JP]; 6-12-4, Mandai, Sumiyoshi-ku, Osaka-shi, Osaka 558-0055 (JP).

(72, 75) NISHIMOTO, Susumu [JP/JP]; Dev-ert Izumi Chuo Station, Side 1-1301, 4-3, Ibukino, Izumi-shi, Osaka 594-0041 (JP).

(74) KASAI, Yasuji; Stork Building 501, 3-14, Minamisenba 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0081 (JP).

(81) AU CA CN KR LT NO RU US.

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

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AU CA CN KR LT NO RU EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(51)⁷ A47L 23/26

(11) WO 03/037154 (13) A1

(21) PCT/GB02/04854

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 0125819.3 27 Oct/oct 2001 GB (27.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FLOOR COVERING

• REVETEMENT DE SOL

(71) WEDGE WIRE SCREENS LIMITED [GB/GB]; Optima House, Askern Road, Toll Bar, Doncaster, South Yorkshire DN5 0QY (GB).

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

(72, 75) SILL, Martin [GB/GB]; Optima House, Askern Road, Toll Bar, Doncaster, South Yorkshire DN5 0QY (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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(11) WO 03/037155 (13) A2

(21) PCT/IB02/04481

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 2001/8961 30 Oct/oct 2001 ZA (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ORBITAL IMPLANT

• IMPLANT ORBITAIRE

(71) CSIR [ZA/ZA]; Scientia, 0002 Pretoria (ZA).

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(72, 75) RICHTER, Paul, Wilhelm [ZA/ZA]; 718 Umhlanga Street, 0153 Wingate Park (ZA). THOMAS, Michael, Edward [ZA/ZA]; 84 Coghill Road, Lynnwood Glen, 0081 Pretoria (ZA). TALMA, Jan [ZA/ZA]; 241 Bootes Street, Waterkloof Ridge, 0181 Pretoria (ZA). GOUS, Petrus, Nicolaas, Jacobus [ZA/ZA]; 314 Edward Street, Waterkloof, 0181 Pretoria (ZA). ROUX, Paul [ZA/ZA]; 70 Marais Street, Brooklyn, 0181 Pretoria (ZA). MINNAAR, Mark [ZA/ZA]; 245 Loveday Street, Muckleneuk, 0002 Pretoria (ZA). LEVITZ, Lewis, Mark [ZA/ZA]; 504 Vaude, 18 Waverley Road, Gresswold, 2090 Johannesburg (ZA).

(74) KOTZE, Gavin, Salomon; Adams & Adams, Adams & Adams Place, 1140 Prospect Street, Hatfield, PO Box 1014, 0001 Pretoria (ZA).

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

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

(11) WO 03/037156 (13) A2

(21) PCT/US02/27621

(22) 27 Aug/août 2002 (27.08.2002)

(25) en (26) en

(30) 09/965,872 28 Sep/sep 2001 US (28.09.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PLASMA COATED SUTURES

• FILS DE SUTURE TRAITES PAR PROCEDE DE POLYMERISATION PAR PLASMA

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

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

(72) ROBY, Mark, S.; 11 Grace Lane, Killingworth, CT 06419 (US).

(74) FARBER, Mark; Tyco Health Care Group, LP, 150 Glover Avenue, Norwalk, CT 06856 (US).

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

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

(11) WO 03/037157 (13) A2

(21) PCT/US02/32921

(22) 16 Oct/oct 2002 (16.10.2002)

(25) en (26) en

(30) 10/084,001 19 Oct/oct 2001 US (19.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SELF-INDEXING COUPLING FOR ROTATIONAL ANGIOPLASTY DEVICE

• COUPLAGE A POSITIONNEMENT AUTOMATIQUE DESTINE A UN DISPOSITIF D'ANGIOPLASTIE ROTATIF

(71) SHTURMAN CARDIOLOGY SYSTEMS, INC. [US/US]; c/o US Bancorp Piper Jaffray, 800 Nicolet Mall, J10 100 01, Minneapolis, MN 55402 (US).

(72) SHTURMAN, Leonid; 26 Montgomery Lane, Greenwich, CT 06830 (US). MOROV, Gerogy Vasilevich; Skaovaja Street 15 korp 2, Apt. 155, Moscow, 125040 (RU). ERMAKOV, Michail Alekseevich; Vernadsky prospect 125, Apt. 269, Moscow, 117571 (RU).

(74) GREEN, Clarence, A. et al. / etc.; Perman & Green, LLP, 425 Post Road, Fairfield, CT 06824 (US).

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

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

(11) WO 03/037158 (13) A2

(21) PCT/US02/33287

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) 10/015,220 26 Oct/oct 2001 US
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INTRA-AORTIC BALLOON COUNTERPULSATION WITH CONCURRENT HYPOTHERMIA

- CONTRE-PULSATION DE BALLONNET INTRA-AORTIQUE AVEC HYPOTHERMIE CONCURRENTE

(71) RADIANT MEDICAL, INC. [US/US]; 250 Chesapeake Drive, Redwood City, CA 94063 (US).

(72) DAE, Michael, W.; 41 Lagoon Vista, Belmont, CA 94002 (US). MACHOLD, Timothy, R.; 65 Bernal Ave, Moss Beach, CA 94038 (US).

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

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

(51)⁷ A61B

(11) WO 03/037159 (13) A2

(21) PCT/US02/33353

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) 60/346,078 26 Oct/oct 2001 US
(26.10.2001)(30) 10/034,657 27 Dec/déc 2001 US
(27.12.2001)(30) 32974/02 5 Apr/avr 2002 AU
(05.04.2002)(30) 2002-158304 23 Apr/avr 2002 JP
(23.04.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AN ALBUTEROL AND IPRATROPIUM INHALATION SOLUTION, SYSTEM, KIT AND METHOD FOR RELIEVING SYMPTOMS OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE

- SOLUTION D'INHALATION A BASE D'ALBUTEROL ET D'IPRATROPIUM, ET SYSTEME, KIT ET METHODE PERMETTANT DE SOULAGER LES SYMPTOMES DE LA BRONCHOPNEUMOPATHIE CHRONIQUE OBSTRUCTIVE

(71) DEY, L.P. [US/US]; 2751 Napa Valley Corporate Drive, Napa, CA 94558 (US).

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

(72, 75) CHAUDRY, Imtiaz [US/US]; 76 Golden Gate Circle, Napa, CA 94558 (US). BANERJEE, Partha [US/US]; 108 Rosario Court, San Ramon, CA 94583 (US).

(74) PARKER, Thomas, J.; 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

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

(51)⁷ A61B

(11) WO 03/037160 (13) A2

(21) PCT/US02/33710

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 10/016,457 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LOCKING DEVICE FOR INTRAMEDULLARY PIN FIXATION

- DISPOSITIF DE VERROUILLAGE POUR FIXATION DE CLOU CENTROMEDULLAIRE

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

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

(74) GORDON, David, P. et al. / etc.; 65 Woods End Road, Stamford, CT 06905 (US).

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

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

(11) WO 03/037161 (13) A2

(21) PCT/US02/33883

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 10/020,389 30 Oct/oct 2001 US
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ION TREATED HYDROGEL

- HYDROGEL TRAITE PAR VOIE IONIQUE

(71) HOWMEDICA OSTEONICS CORP. [US/US]; 59 Route 17, Allendale, NJ 07401 (US).

(72) HIGHAM, Paul; 27 Bearfort Terrace, Ringwood, NJ 07456 (US). WILLIAMS, Philip, F., III; 112 Munn Avenue, Teaneck, NJ 07666 (US). LAPSZYNSKI, John; 43 Paderewski Road, Oak Ridge, NJ 07438 (US). NGO, Chau; 722 Seventh Street, Secaucus, NJ 07094 (US).

(74) AUGUSTIN, Raymond, W. et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 (US).

(81) AU CA JP.

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

(51)⁷ A61B

(11) WO 03/037162 (13) A2

(21) PCT/US02/34003

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 10/032,378 26 Oct/oct 2001 US
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TRANSMURAL ABLATION DEVICE WITH INTEGRAL EKG SENSOR

- DISPOSITIF D'ABLATION TRANSMURALE A CAPTEUR ECG INTEGRE

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

(72) HOOVEN, Michael, D.; 7778 Bennington Drive, Cincinnati, OH 44241 (US). GODINHO DE QUEIROZ, E MELO, Joao; Av. Miguel Torga 21 4A, P-1070-183 Lisboa (PT).

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

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

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

(51)⁷ A61B

(11) WO 03/037163 (13) A2

(21) PCT/US02/34223

(22) 26 Oct/oct 2002 (26.10.2002)

(25) en (26) en

(30) 10/039,857 26 Oct/oct 2001 US
(26.10.2001)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR FIXING A GRAFT IN A BONE TUNNEL
• PROCEDE ET APPAREIL DE FIXATION D'UNE GREFFE DANS UN TUNNEL OSSEUX
- (71) MCKERNAN, Daniel, J. [US/US]; 4724 Carriage Crossing, Sylvania, OH 43560 (US). ETHICON, INC. [US/US]; Route 22W, Somerville, NJ 08876 (US).
- (72) WHITTAKER, Gregory, R.; 21 Rustic Road, Stoncham, MA 02180 (US).
- (74) PANDISCIO, Mark, J.; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02151-1914 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B
(11) WO 03/037164 (13) A2
(21) PCT/US02/34565
(22) 28 Oct/oct 2002 (28.10.2002)
(25) en (26) en
(30) 60/335,251 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT OF HEMATOLOGICAL DISORDERS USING 2777
• PROCEDES ET COMPOSITIONS DESTINES A DIAGNOSTIQUER ET A TRAITER DES TROUBLES HEMATOLOGIQUES AU MOYEN DE 2777
- (71) MILLENNIUM PHARMACEUTICALS, INC. [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CARROLL, Joseph, M. [US/US]; 113 Sciarappa Street, Cambridge, MA 02141 (US).
- (74) SIOUSSAT, Tracy, M.; Intellectual Property Group, Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, MA 02139 (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 DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61B
(11) WO 03/037165 (13) A2
(21) PCT/US02/34580
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 60/336,333 1 Nov/nov 2001 US (01.11.2001)
(30) 60/336,002 1 Nov/nov 2001 US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SYSTEM AND METHOD FOR THE PRETREATMENT OF THE ENDPLATES OF AN INTERVERTEBRAL DISC
• SYSTEME ET METHODE DE PRETRAITEMENT DES PLAQUES MOTRICES D'UN DISQUE INTERVERTEBRAL
- (71, 72) BOYD, Lawrence, M. [US/US]; 25 Birnham Lane, Durham, NC 27702 (US).
- (74) BECK, Michael, D.; Maginot, Moore & Bowman, Bank One Center Tower, 111 Monument Circle, Suite 3000, Indianapolis, IN 46204 (US).
- (81) AU CA CN JP US ZA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ A61B
(11) WO 03/037166 (13) A2
(21) PCT/US02/34706
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 60/336,002 1 Nov/nov 2001 US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DEVICES AND METHODS FOR THE RESTORATION OF A SPINAL DISC
• DISPOSITIFS ET PROCEDES DE RESTAURATION DE DISQUE RACHIDIEN
- (71, 72) BOYD, Lawrence, M. [US/US]; 25 Birnham Lane, Durham, NC 27707 (US).
UPTON, Maureen, L. [US/US]; 1805 White Pine Drive, Durham, NC 27705 (US).
- (74) BECK, Michael, D.; Maginot, Moore & Bowman, Suite 3000, 111 Monument Circle, Indianapolis, IN 46204 (US).
- (81) AU CA CN JP US ZA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ A61B
(11) WO 03/037167 (13) A2
(21) PCT/US02/34873
- (22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 60/340,724 30 Oct/oct 2001 US (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PATHWAY OF RANTES-MEDIATED CHEMOKINE SYNTHESIS IN ASTROCYTES AND METHODS OF USE THEREFOR
• VOIES DE SYNTHÈSE DE CHIMIOKINES A MEDIATION PAR RANTES DANS LES ASTROCYTES ET PROCEDES DE LEUR UTILISATION
- (63) US 60/340,724 (CIP)
30 Oct/oct 2001 (30.10.2001)
- (71) PRESIDENT AND FELLOWS OF HARVARD COLLEGE [US/US]; 17 Quincy Street, Cambridge, MA 02138 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DORF, Martin, E. [US/US]; 254 Beverly Road, Chestnut Hill, MA 02467 (US).
- (74) GUTERMAN, Sonia, K.; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., One Financial Center, Boston, MA 02111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B
(11) WO 03/037168 (13) A2
(21) PCT/US02/34889
(22) 31 Oct/oct 2002 (31.10.2002)
(25) en (26) en
(30) 60/335,642 31 Oct/oct 2001 US (31.10.2001)
(30) 60/336,090 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS AND FORMULATIONS FOR MINIMIZING SPASTICITY IN BLOOD VESSEL GRAFTS
• PROCEDES ET FORMULATIONS PERMETTANT DE REDUIRE AU MINIMUM LA SPASTICITE DANS LES GREFFES DE VAISSEAUX SANGUINS
- (71) EMORY UNIVERSITY [US/US]; 2009 Ridgewood Drive, Atlanta, GA 30322 (US).
- (72) VINTEN-JOHANSEN, Jakob; 1550 Hillside Oak Drive, Grayson, GA 30017 (US).
VELEZ, Daniel, A.; 246 Harbins Road, Lilburn, GA 30047 (US).
- (74) MOSER, Raymond, R., Jr. et al. / etc.; Moser, Patterson & Sheridan, LLP, 595 Shrewsbury Avenue, Suite 100, Shrewsbury, NJ 07702 (US).

(81) AU CA JP MX NO NZ ZA.

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

(51)⁷ A61B

(11) WO 03/037169 (13) A2

(21) PCT/US02/34897

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/335,023 31 Oct/oct 2001 US (31.10.2001)

(30) 10/198,525 16 Jul/juil 2002 US (16.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CERVICAL PLATE FOR STABILIZING THE HUMAN SPINE

• PLAQUE CERVICALE POUR LA STABILISATION DE LA COLONNE VERTEBRALE

(71) ORTHO DEVELOPMENT CORPORATION [US/US]; 12187 South Business Park Drive, Draper, UT 84020 (US).

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

(72, 75) HAWKES, David, T. [US/US]; 12187 South Business Park Drive, Draper, UT 84020 (US). SWEENEY, Thomas, M. [US/US]; 1921 Waldemere Street, Suite 609, Sarasota, FL 34239 (US).

(74) CANNON, Karl, R. et al. / etc.; Clayton, Howarth & Cannon, P.C., P.O. Box 1909, Sandy, UT 84091-1909 (US).

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

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

(11) WO 03/037170 (13) A2

(21) PCT/US02/35047

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/336,501 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEM AND METHODS FOR PERFORMING PERCUTANEOUS PEDICLE INTEGRITY ASSESSMENTS

• SYSTEME ET METHODES D'EVALUATION PERCUTANEE D'INTEGRITE DE PEDICULES

(71) NUVASIVE, INC. [US/US]; 10065 Old Grove Road, San Diego, CA 92131 (US).

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

(72) BLEWETT, Jeffrey (deceased / décédé).

(72, 75) MILES, Patrick [US/US]; 5227 Greenwillow Lane, San Diego, CA 92130 (US). MARTINELLI, Scot [US/US]; 9624 Pasao Montril, San Diego, CA 92129 (US). FINLEY, Eric [US/US]; 10548 Caminito Canyon, San Diego, CA 92131 (US). EL-BANNA, Jamil [US/US]; 17285 Grandee Place, San Diego, CA 92128 (US). GHARIB, James [US/US]; 10918 Derrydown Way, San Diego, CA 92130 (US). FARQUHAR, Allen [US/US]; 6220 Hannon Court, San Diego, CA 92117 (US). KAULA, Norbert [US/US]; 8258 West 72nd Avenue, Arvada, CO 80005 (US).

(74) SPANGLER, Jonathan; NuVasive, Inc., 10065 Old Grove Road, San Diego, CA 92131 (US).

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

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

(11) WO 03/037171 (13) A2

(21) PCT/US02/35196

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 10/003,910 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FOCUSED COMPRESSION MITRAL VALVE DEVICE AND METHOD

• DISPOSITIF ET PROCEDURE DE COMPRESSION FOCALISEE POUR VALVULE MITRALE

(63) US 10/003,910 (CON) 1 Nov/nov 2001 (01.11.2001)

(71) CARDIAC DIMENSIONS, INC. [US/US]; 5540 Lake Washington Blvd., Kirkland, WA 98033 (US).

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

(72, 75) ADAMS, John, M. [US/US]; 20621 Southeast 34th Street, Sammamish, WA 98075 (US). REUTER, David, G. [US/US]; 3225 - 208th PI SE, Bothell, WA 98021 (US). MATHIS, Mark, L. [US/US]; 10624 Northeast 60th Street, Kirkland, WA 98033 (US). WOLF, Scott, J. [US/US]; 2722 98th Avenue, NE, Bellevue, WA 98004 (US).

(74) GRAY, Richard, O., Jr. et al. / etc.; Graybeal Jackson Haley LLP, 155-108th Avenue Northeast, Suite 350, Bellevue, WA 98004-5901 (US).

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

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

(11) WO 03/037172 (13) A2

(21) PCT/US02/35258

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/334,822 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ENDOTHELIAL-CELL BINDING PEPTIDES FOR DIAGNOSIS AND THERAPY

• PEPTIDE SE FIXANT AUX CELLULES ENDOTHELIALES POUR DIAGNOSTIC ET THERAPIE

(71) GPC BIOTECH INC. [US/US]; 610 Lincoln Street, Waltham, MA 02451 (US).

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

(72, 75) GYURIS, Jenó [HU/US]; 171 Swanton Street, Unit 3, Winchester, MA 01890 (US).

LAMPHERE, Lou [US/US]; 112 Russell Road, Newton, MA 02465 (US). MORRIS, Aaron, J. [US/US]; 49 Oak Square Avenue, Brighton, MA 02135 (US). TSAIOUN, Katherine [US/US]; 9 Woodland Street, Belmont, MA 02478 (US).

(74) HALSTEAD, David, P. et al. / etc.; Ropes & Gray, One International Place, Boston, MA 02110-2624 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61B 1/06

(11) WO 03/037173 (13) A1

(21) PCT/JP02/11091

(22) 25 Oct/oct 2002 (25.10.2002)

(25) ja (26) ja

(30) 2001-333126 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ENDOSCOPE SYSTEM ADJUSTING METHOD

• PROCEDURE DE REGLAGE D'UN SYSTEME ENDOSCOPIQUE

(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) **TAKAHASHI, Tomoya** [JP/JP]; 671-8-201, Ogawa, Akiruno-shi, Tokyo 197-0821 (JP).

(74) **ITOH, Susumu**; Musashi Bldg., 4-4, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) DE US.

(51)⁷ **A61B 3/06, 5/00**

(11) **WO 03/037174** (13) A1

(21) PCT/CA02/01678

(22) **31 Oct/oct 2002 (31.10.2002)**

(25) en (26) en

(30) P0104610 **31 Oct/oct 2001** HU
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **NON-INVASIVE MEASUREMENT OF BLOOD GLUCOSE LEVEL**
• **TECHNIQUE NON INFRACTIVE DE MESURE DU TAUX DE GLYCEMIE**

(71) **IRIS MEDICAL TECHNOLOGIES INTERNATIONAL LTD.** [CA/CA]; 37 Woodhaven View SW, Calgary, Alberta T2W 5P6 (CA).

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

(72, 75) **SUBOTICS, Gyula** [HU/HU]; Ferihegyi ut 52, H- Budapest (HU).

(74) **CHARI, Santosh, K.** et al. / etc.; Orange & Chari, Suite 4900, P.O. Box 190, 66 Wellington Street West, Toronto, Ontario M5K 1H6 (CA).

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

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

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(51)⁷ **A61B 5/00**

(11) **WO 03/037175** (13) A2

(21) PCT/DE02/03674

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

(25) de (26) de

(30) 101 51 029.2 **16 Oct/oct 2001** DE
(16.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **DEVICE FOR THE PARAMETER CONFIGURATION OF MULTIMODAL MEASURING APPLIANCES**

• **DISPOSITIF POUR CONFIGURER DES PARAMETRES D'APPAREILS DE MESURE MULTIMODES**

(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, Markus** [DE/DE]; Hochstr. 31, 90429 Nürnberg (DE). **SCHMIDT, Volker** [DE/DE]; Sieglitzhofer Str. 28, 91054 Erlangen (DE). **TIFFE, Sven** [DE/DE]; Paul-Gossen-Str. 99, 91052 Erlangen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) US.

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

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)⁷ **A61B 5/00**

(11) **WO 03/037176** (13) A2

(21) PCT/IB02/04569

(22) **30 Oct/oct 2002 (30.10.2002)**

(25) en (26) en

(30) 09/984,789 **31 Oct/oct 2001** US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **SINGLE SEPARABLE ELECTRODE AND SELF-CONTAINED PAD VIABILITY TESTER**

• **ELECTRODE SEPARABLE INDIVIDUELLE ET TESTEUR AUTONOME DE LA FONCTIONNALITE D'ELECTRODES**

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

(72) **SOLOSKO, Thomas**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BRINK, Gregory, D.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **ROSENWELG, Joel**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BORGENICHT, Fred**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **WOLFS, Marc, J., M.**; Internationaal Octroobureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

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

Declaration / Déclaration :

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

(51)⁷ **A61B 5/00**

(11) **WO 03/037177** (13) A2

(21) PCT/US02/32025

(22) **7 Oct/oct 2002 (07.10.2002)**

(25) en (26) en

(30) 10/002,338 **30 Oct/oct 2001** US
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **IMPLANTABLE MEDICAL DEVICE EMPLOYING SONOMICROMETER OUTPUT SIGNALS FOR DETECTION AND MEASUREMENT OF CARDIAC MECHANICAL FUNCTION**

• **DISPOSITIF MEDICAL IMPLANTABLE UTILISANT LES SIGNAUX DE SORTIE D'UN SONOMICROMETRE POUR DETECTER ET MESURER LE FONCTIONNEMENT MECANIQUE DU COEUR**

(71) **MEDTRONIC, INC.** [US/US]; LC 340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(72) **STADLER, Robert, W.**; 339 Oakwood Drive, Shoreview, MN 55126 (US). **COMBS, William, J.**; 2391 Vernon Circle, Minnetonka, MN 55305 (US). **LIPSON, David**; 131 Pheasant Brook Road, North Andover, MA 01845 (US).

(74) **SOLDNER, Michael, C.** et al. / etc.; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5601 (US).

(81) CA JP.

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

(51)⁷ **A61B 5/00**

(11) **WO 03/037178** (13) A2

(21) PCT/US02/34657

(22) **29 Oct/oct 2002 (29.10.2002)**

(25) en (26) en

(30) 60/336,404 **29 Oct/oct 2001** US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **WINDOW ASSEMBLY**
• **ENSEMBLE FENETRE**

(71) **OPTISCAN BIOMEDICAL CORPORATION** [US/US]; 1105 Atlantic Avenue, Suite 101, Alameda, CA 94501 (US).

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

(72, 75) **HERRERA, Roger, O.** [US/US]; 5833 1/2 Vallejo Street, Emeryville, CA 94608 (US). **CORREIA, Dave** [—/US]; 4756 Beechwood Avenue, Fremont, CA 94536 (US). **CORTELLA, Julian** [—/US]; 3826 Alameda de las Pulgas, Menlo Park, CA 94025 (US). **BRAIG, James** [—/US]; 280 Mountain Avenue, Piedmont, CA 94611 (US). **SCHULENBERGER, Arthur** [—/US]; 282 San Benito Road, Brisbane, CA 94005 (US). **LI, Ken** [—/US]; 53 Calvert Court, Piedmont, CA 94611 (US).

(74) **DELANEY, Karoline, 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 DK (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

Declaration / Déclaration :

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

(51)⁷ A61B 5/0245, 5/04, 5/00

(11) WO 03/037179 (13) A1

(21) PCT/IB02/04310

(22) 17 Oct/oct 2002 (17.10.2002)

(25) en (26) en

(30) 01125737.5 27 Oct/oct 2001 EP (27.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ALARM ACTIVATED ACOUSTIC MEASURING SIGNALS FOR PATIENT MONITORING

• SIGNAUX DE MESURE ACOUSTIQUE ACTIVES PAR ALARME POUR SURVEILLANCE DE PATIENT

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

(only for / seulement pour AT BE BG CH CN CY CZ DK EE ES FI FR GB GR IE IT JP LU MC NL PT SE SK TR)

(71) PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH [DE/DE]; 20099 Hamburg (DE).

(only for / seulement pour DE)

(72, 75) ELLSCHEID, Klaus [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). MEIER, Wilhelm [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). GREINER, Harald [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). ROMÉYN, Jan [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) VOLMER, Georg; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP US.

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

Published / Publiée : (c)

(51)⁷ A61B 5/028

(11) WO 03/037180 (13) A1

(21) PCT/CN02/00747

(22) 23 Oct/oct 2002 (23.10.2002)

(25) zh (26) zh

(30) 01129820.0 29 Oct/oct 2001 CN (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS FOR DETERMINING FLOW RATE AND VELOCITY RATIO OF BLOOD

• APPAREIL PERMETTANT DE DETERMINER LA VITESSE DU FLUX SANGUIN ET LE RAPPORT DE VITESSE DU FLUX SANGUIN

(71) QIU, Hanying [CN/CN]; Cardiovascular Division, Second Affiliated Hospital of Shantou University M, edical College, Guang-Xia Uptown, Dong-Xia-Bei Road, Jin-Yuan District, Shantou, Guangdong 515041 (CN).

(71, 72) LI, Dijun [CN/CN]; Cardiovascular Division, Second Affiliated Hospital of Shantou

University M, edical College, Guang-Xia Uptown, Dong-Xia-Bei Road, Jin-Yuan District, Shantou, Guangdong 515041 (CN). LI, Yuguang [CN/CN]; Cardiovascular Division, Second Affiliated Hospital of Shantou University M, edical College, Guang-Xia Uptown, Dong-Xia-Bei Road, Jin-Yuan District, Shantou, Guangdong 515041 (CN).

(74) CHINA PATENT AGENT (H.K.) LTD.; 22/F, Great Engle Centre, 23 Harbour Road, Wanchai, Hong Kong Special Administrative Region (CN).

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

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

(51)⁷ A61B 5/029

(11) WO 03/037181 (13) A2

(21) PCT/US02/36422

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 09/999,125 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NON-INVASIVE METHOD AND DEVICE TO MONITOR CARDIAC PARAMETERS

• PROCEDE NON INVASIF ET DISPOSITIF DE SURVEILLANCE DE PARAMETRES CARDIAQUES

(71, 72) HIRSH, Robert, Alan [US/US]; 208 Sycamore Avenue, Merion Station, PA 19066-1529 (US).

(74) YOSHIDA., Ken, I. et al. / etc.; Knoble & Yoshida, LLC, Eight Penn Center, Suite 1350, 1628 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61B 5/055

(11) WO 03/037182 (13) A1

(21) PCT/IB02/04503

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 01204130.7 29 Oct/oct 2001 EP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ASSEMBLY OF A MEDICAL EXAMINATION DEVICE AND A COMBINATION OF A FRAME AND A PATIENT TABLE, AS WELL AS SUCH A COMBINATION

• ENSEMBLE COMPOSE D'UN DISPOSITIF D'EXAMEN MEDICAL ET D'UNE COMBINAISON CHASSIS-TABLE D'EXAMEN ET COMBINAISON DE CE TYPE

(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 DE RIJDT, Johannes, H., A. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BROUWERS, Johannes, J., M. [NL/NL]; 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) CN JP US.

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

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(51)⁷ A61B 5/055, G01R 33/561

(11) WO 03/037183 (13) A1

(21) PCT/JP02/09631

(22) 19 Sep/sep 2002 (19.09.2002)

(25) ja (26) ja

(30) 2001-332653 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MAGNETIC RESONANCE IMAGING DEVICE

• DISPOSITIF D'IMAGERIE PAR RESONANCE MAGNETIQUE

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

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

(72, 75) TOGASAWA, Yoshinori [JP/JP]; 4-3-98, Harue-cho, Edogawa-ku, Tokyo 134-0003 (JP).

(74) OZAWA, Keinosuke et al. / etc.; Diamond Plaza Bldg. 6F, 25, Ichibancho, Chiyoda-ku, Tokyo 102-0082 (JP).

(81) CN JP US.

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

(51)⁷ A61B 5/103

(11) WO 03/037184 (13) A1

(21) PCT/FR02/02077

(22) 16 Jun/juin 2002 (16.06.2002)

(25) fr (26) fr

(30) 01/13989 29 Oct/oct 2001 FR (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE FOR ANALYSING THE PHYSICO-CHEMICAL PROPERTIES OF A CUTANEOUS SURFACE

- APPAREIL D'ANALYSE DES PROPRIETES PHYSICO-CHIMIQUES D'UNE SURFACE CUTANEE
- (71) MEMSCAP [FR/FR]; Parc des Fontaines, Bernin, F-38926 CROLLES (FR). **LABORATOIRES LA LICORNE** [FR/FR]; Parc Technologique du Plessis Robinson, Immeuble Copernic, 20 Avenue Edouard Herriot, F-92350 LE PLESSIS ROBINSON (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KARAM, Jean-Michel** [FR/FR]; 15 Rue Alphonse Terray, F-38000 GRENOBLE (FR). **VIVIAN, Eric** [FR/FR]; 42 Avenue Plaine Fleurie, F-38240 MEYLAN (FR).
- (74) **VUILLERMOZ, Bruno et al.** / etc.; Cabinet LAURENT & CHARRAS, 20 Rue Louis Chirpaz, BP 32, F-69131 ECULLY (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 5/155**
- (11) **WO 03/037185** (13) A1
- (21) PCT/JP02/11125
- (22) **25 Oct/oct 2002 (25.10.2002)**
- (25) ja (26) ja
- (30) 2001-334145 **31 Oct/oct 2001 (31.10.2001)** JP
- (30) 2001-334146 **31 Oct/oct 2001 (31.10.2001)** JP
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • STING DEVICE
- DISPOSITIF A AIGUILLE
- (71) **ARKRAY, INC.** [JP/JP]; 57, Nishiaketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto 601-8045 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUKUZAWA, Masahiro** [JP/JP]; c/o ARKRAY, Inc., 57, Nishiaketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto 601-8045 (JP). **KOIKE, Masufumi** [JP/JP]; c/o ARKRAY, Inc., 57, Nishiaketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto 601-8045 (JP). **UCHIGAKI, Takatoshi** [JP/JP]; c/o ARKRAY, Inc., 57, Nishiaketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto 601-8045 (JP).
- (74) **YOSHIDA, Minoru et al.** / etc.; 2-32-1301, Tamatsukuri-motomachi, Tennoji-ku, Osaka-shi, Osaka 543-0014 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 5/16**
- (11) **WO 03/037186** (13) A2
- (21) PCT/EP02/11150
- (22) **4 Oct/oct 2002 (04.10.2002)**
- (25) de (26) de
- (30) 101 53 303.9 **31 Oct/oct 2001 (31.10.2001)** DE
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DEVICE AND METHOD FOR MEASURING THE INFLUENCE OF WARNING SIGNALS AND INFORMATION ON THE USER OF A TECHNICAL DEVICE
- DISPOSITIF ET PROCEDURE PERMETTANT DE MESURER L'INFLUENCE DE SIGNAUX D'AVERTISSEMENT ET D'INFORMATIONS SUR L'UTILISATEUR D'UN DISPOSITIF TECHNIQUE
- (71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KINCSES, Wilhelm** [DE/DE]; Ina-Rothschild-Weg 42, 73732 Esslingen (DE). **ROTHER, Siegfried** [DE/DE]; Hohenheimer Strasse 56, 73770 Denkendorf (DE). **ACKERMANN, Hermann** [DE/DE]; Otfried-Müller-Strasse 47, 72076 Tübingen (DE). **MATHIAK, Klaus** [DE/DE]; Neckargasse 12, 72076 Tübingen (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ **A61B 5/20, 5/0205**
- (11) **WO 03/037187** (13) A2
- (21) PCT/EP02/12114
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) de (26) de
- (30) 101 53 416.7 **30 Oct/oct 2001 (30.10.2001)** DE
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DEVICE FOR EXAMINING DYSFUNCTION OF THE BLADDER
- DISPOSITIF PERMETTANT L'EXAMEN DES TROUBLES DE LA FONCTION VESICALE
- (71) **BERUFGENOSSENSCHAFTLICHER VEREIN FÜR HEILBEHANDLUNG MURNAU E.V.** [DE/DE]; Loristr. 8, 80335 München (DE). **GESELLSCHAFT FÜR ANGEWANDTE TECHNOLOGIE MBH** [DE/DE]; Wiederleiten 5, 94113 Tiefenbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STÖHRER, Manfred** [DE/DE]; Berufsgenossenschaftlicher Verein für Heilbehandlung, ng Murnau e.V., Loristr. 8, 80335 München (DE). **KRAMER, Augustinus** [DE/DE]; Berufsgenossenschaftlicher Verein für Heilbehandlung, ng Murnau e.V., Loristr. 8, 80335 München (DE). **KOHOUT, Günther** [DE/DE]; Gesellschaft für angewandte Technologie mbH, Wiederleiten 5, 94113 Tiefenbach (DE).
- (74) **ALTENBURG, Udo, W.**; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Galileiplatz 1, 81679 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 6/00**
- (11) **WO 03/037188** (13) A1
- (21) PCT/KR02/01570
- (22) **20 Aug/août 2002 (20.08.2002)**
- (25) en (26) en
- (30) 2001/67772 **1 Nov/nov 2001 (01.11.2001)** KR
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • FILM INTERPRETATION APPARATUS FOR MEDICAL TREATMENT
- APPAREIL POUR L'INTERPRETATION DE RADIOGRAPHIES, PERMETTANT D'ETABLIR UN DIAGNOSTIC
- (71) **WOYOYOUNG CO., LTD** [KR/KR]; 632-39, Chang 2-dong, Dobong-gu, Seoul 132-922 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEE, Sang, Dal** [KR/KR]; 645-5, Joong-gok 1-dong, Gwangjin-gu, Seoul 143-912 (KR).
- (74) **JEON, Young II**; #4202, Trade Tower, World Trade Center, Samsung-dong, Kangnam-gu, Seoul 135-729 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 6/14, 6/03, 5/00**
- (11) **WO 03/037189** (13) A2
- (21) PCT/JP02/11336
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) ja (26) ja
- (30) 2001-335080 **31 Oct/oct 2001 (31.10.2001)** JP

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MEDICAL IMAGE PROCESSING DEVICE, METHOD, AND PROGRAM
- DISPOSITIF, PROCÉDE ET PROGRAMME DE TRAITEMENT D'IMAGES MÉDICALES
- (71) **IMAGNOSIS INC.** [JP/JP]; 10F, Kobe Fashion Mart, 6-9, Koyochi-naka, Higashinada-ku, Kobe-shi, Hyogo 658-0032 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIM, Han-Joon** [KR/JP]; c/o IMAGNOSIS INC., 10F, Kobe Fashion Mart, 6-9, Koyochi-naka, Higashinada-ku, Kobe-shi, Hyogo 658-0032 (JP).
- (74) **KAMEI, HIROKATSU**; c/o Ai Association of Patent and Trademark Attorneys, 12F, Jyutakukinyukoko-Sumitomoseimei Bldg., 5-20, Minamihommachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
- (81) CA CN JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ **A61B 17/02**
- (11) **WO 03/037190** (13) A1
- (21) PCT/US02/32108
- (22) **9 Oct/oct 2002 (09.10.2002)**
- (25) en (26) en
- (30) 10/008,509 **29 Oct/oct 2001** US
(29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SEGMENTED ARM FOR HOLDING A STABILIZING TISSUE DEVICE
- BRAS A SEGMENTS CONÇU POUR MAINTENIR UN DISPOSITIF DE STABILISATION TISSULAIRE
- (71) **GENZYME CORPORATION** [US/US]; One Kendall Square, Cambridge, MA 02139 (US).
- (72) **HUNT, Scott**; Four Meadowbrook Road, Franklin, MA 02038 (US). **WEINSTEIN, Martin, J.**; 16 Rebecca Road, South Dartmouth, MA 02748 (US).
- (74) **ALLISON, Richard, D.**; Genzyme Corporation, 15 Pleasant Street Connector, Legal Dept., Framingham, MA 01701-9322 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 17/12**
- (11) **WO 03/037191** (13) A1
- (21) PCT/US02/34130
- (22) **25 Oct/oct 2002 (25.10.2002)**
- (25) en (26) en
- (30) 60/330,619 **26 Oct/oct 2001** US
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DEVICE FOR VASO-OCCLUSION
- DISPOSITIF DESTINE A UNE OCCLUSION VASCULAIRE
- (71) **CONCENTRIC MEDICAL** [US/US]; 2585 Leghorn Street, Mountain View, CA 94043 (US).
- (72) **KEN, Christopher, G.M.**; 652 W. Hillsdale Boulevard, San Mateo, CA 94403 (US). **PA-TEL, Tina, J.**; 1500 Laurel Street #216, San Carlos, CA 94070 (US).
- (74) **HANLON, Brian, E.**; Banner & Witcoff, Ltd., 1001 G Street, N.W., Eleventh Floor, Washington, D.C. 20001-4597 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 17/15, 17/17, A61F 2/46**
- (11) **WO 03/037192** (13) A1
- (21) PCT/AU02/01482
- (22) **1 Nov/nov 2002 (01.11.2002)**
- (25) en (26) en
- (30) PR 8657 **2 Nov/nov 2001** AU
(02.11.2001)
- (30) PR 9434 **11 Dec/déc 2001** AU
(11.12.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • APPARATUS AND METHODS FOR BONE SURGERY
- APPAREIL ET PROCÉDES DE CHIRURGIE OSSEUSE
- (71, 72) **SHERRY, Eugene** [AU/AU]; 108 Lethbridge Street, Penrith, NSW 2750 (AU). **EGAN, Michael** [AU/AU]; 62 Tulloch Street, Blacktown, NSW 2148 (AU).
- (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 17/28, B25B 7/14**
- (11) **WO 03/037193** (13) A1
- (21) PCT/FR02/03628
- (22) **23 Oct/oct 2002 (23.10.2002)**
- (25) fr (26) fr
- (30) 01/14005 **30 Oct/oct 2001** FR
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SURGICAL INSTRUMENT
- INSTRUMENT CHIRURGICAL
- (71) **EUROSURGICAL SA** [FR/FR]; 18, rue Robespierre, BP 23, F-62217 Beaurains (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VIART, Guy** [FR/FR]; 6, rue de Vaulx, F-62128 Saint-Léger (FR). **LEROY, Jean-Yves** [FR/FR]; 391, rue de Saint-André, F-62870 Campagne Les Hesdin (FR). **POMMIER, Arnaud** [FR/FR]; 270, rue Paul Lafargue, F-59283 Raimbeaucourt (FR).
- (74) **GARIN, Etienne**; Roosevelt Consultants, 109, rue Sully, Boite postale 6138, F-69466 Lyon Cedex 06 (FR).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 17/32**
- (11) **WO 03/037194** (13) A1
- (21) PCT/US02/34128
- (22) **25 Oct/oct 2002 (25.10.2002)**
- (25) en (26) en
- (30) 09/983,810 **26 Oct/oct 2001** US
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • RECIPROCATING ROTARY ARTHROSCOPIC SURGICAL INSTRUMENT
- INSTRUMENT CHIRURGICAL ARTHROSCOPIQUE ALTERNATIF ET ROTATIF
- (63) US 09/983,810 (CON)
26 Oct/oct 2001 (26.10.2001)
- (71) **SMITH & NEPHEW, INC.** [US/US]; 1450 Brooks Road, Memphis, TN 38116 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CESARINI, Peter, M.** [US/US]; 12 Overlook Avenue, Londonderry, NH 03053 (US). **DRUCKER, Karen** [US/US]; 27 Beechwood Avenue, Danville, NH 03053 (US). **JEZISKI, Rafal** [US/US]; 60 Harvest Street, Boston, MA 02125 (US). **CASSIDY, Roger, R., Jr.** [US/US]; 31 Hampstead Street, Methuen, MA 01844 (US).

Declaration / Déclaration :

(u) for / pour US only / seulement

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61B 17/32

(11) WO 03/037195 (13) A2

(21) PCT/US02/34692

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 09/996,978 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR TREATING TISSUE IN ARTHROSCOPIC ENVIRONMENT
• PROCEDE DE TRAITEMENT DE TISSU SOUS ENVIRONNEMENT ARTHROSCOPIQUE

(63) US 09/996,978 (CON) 31 Oct/oct 2001 (31.10.2001)

(71) ORATEC INTERVENTIONS, INC. [US/US]; 3700 Haven Court, Menlo Park, CA 94025 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARKEL, Mark, D. [US/US]; 151 Kensington Drive, Madison, WI 53704 (US).

(74) PETROW, Joel; Chief Patent Counsel, Smith & Nephew, Inc., 1450 Brooks Road, Memphis, TN 38116 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61B 17/58

(11) WO 03/037196 (13) A1

(21) PCT/US02/34953

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/000,770 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TENSIONING TOOLS FOR TENSION BAND CLIP
• OUTILS DE TENSION POUR COLLIER DE SERRAGE DE HAUBAN

(71) SPINEOLOGY, INC. [US/US]; 1815 Northwestern Avenue, Stillwater, MN 55082 (US).

(72) GLEASON, Joseph E.; 4742 Narvik Drive, Eagan, MN 55122 (US).

(74) VIDAS, Scott; Vidas, Arrett & Steinkraus, Suite 2000, 6109 Blue Circle Drive, Minnetonka, MN 55343-9185 (US).

(81) CA JP KR.

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

(51)⁷ A61B 17/68, 17/56

(11) WO 03/037197 (13) A1

(21) PCT/SE02/01930

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 0103575-7 29 Oct/oct 2001 SE (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A SYSTEM FOR FIXATION OF FRACTURES COMPRISING AN ELASTIC CHASSIS
• SYSTEME DE FIXATION DE FRACTURES COMPORTANT UN CHASSIS ELASTIQUE

(71) GENERAL ORTHOPEDICS INT. AB [SE/SE]; Box 16500, S-200 25 Malmö (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAGERT, Carl-Göran [SE/SE]; Talltitevägen 50, S-237 36 Bjäred (SE).

(74) STRÖM & GULLIKSSON IPC AB; P.O. Box 4188, S-203 13 Malmö (SE).

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

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

(51)⁷ A61B 17/70

(11) WO 03/037198 (13) A1

(21) PCT/FR02/03623

(22) 23 Oct/oct 2002 (23.10.2002)

(25) fr (26) fr

(30) 01/14289 30 Oct/oct 2001 FR (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • VERTEBRAL COLUMN SUPPORT DEVICE WHICH IS ASSEMBLED BY MEANS OF CLAMPING
• APPAREIL DE MAINTIEN DU RACHIS A ASSEMBLAGE PAR COINCEMENT

(71) VITATECH [FR/FR]; 191, rue des Métaux, F-74970 Marignier (FR).

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

(72, 75) GRADEL, Thomas [FR/FR]; Les Folliets, F-74130 AYZE (FR). COTTIN, Philippe [FR/FR]; 21, avenue des Molières, F-78470 Saint Remy les Chevreuse (FR). JABY, Yves [FR/FR]; 19, rue de Dantzig, F-75015 Paris (FR). LEMAIRE, Jean-Philippe [FR/FR]; Le Pré Loiseau, 29 bis, avenue de la Gare, F-21910 Saulon la Chapelle (FR).

(74) PONCET, Jean-François; Cabinet Poncet, 7, chemin de Tillier, B.P. 317, F-74008 Annecy Cedex (FR).

(81) JP KR US.

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

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(u) for / pour US only / seulement

(51)⁷ A61B 17/70

(11) WO 03/037199 (13) A1

(21) PCT/KR02/00159

(22) 4 Feb/fév 2002 (04.02.2002)

(25) ko (26) en

(30) 2001/67394 31 Oct/oct 2001 KR (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BONE FIXATION APPARATUS
• APPAREIL DE FIXATION D'OS

(71) U & I CO., LTD. [KR/KR]; 529-1, Yonghyun-Dong, Kyunggi-Do, Euijungbu-City 480-050 (KR).

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

(72, 75) JEON, Chang-Hun [KR/KR]; 7-606, Daerim Apt., Jamwon-Dong, Seocho-Gu, Seoul 137-030 (KR). AN, Howard, S. [US/US]; 1725 W. Harrison St., Suite 1063, Chicago, IL 60612 (US). KOO, Ja-Kyo [KR/KR]; 6-707 Kyungnam Apt., 505 Junggye2-Dong, Nowon-Gu, Seoul 139-220 (KR).

(74) HAN YANG PATENT FIRM; 10th Floor, Dacom Building 706-1 Yeoksam-Dong, Gangnam-Gu, Seoul 135-987 (KR).

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

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

(51)⁷ A61B 17/70

(11) WO 03/037200 (13) A2

(21) PCT/US02/34031

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 60/334,771 31 Oct/oct 2001 US (31.10.2001)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ADJUSTABLE TANDEM CONNECTORS FOR CORRECTIVE DEVICES FOR THE SPINAL COLUMN AND OTHER BONES AND JOINTS
- CONNECTEURS EN TANDEM REGULABLES DESTINES A DES DISPOSITIFS DE CORRECTION DE LA COLONNE VERTEBRALE ET D'AUTRES OS ET ARTICULATIONS
- (71) CENTERPULSE SPINE-TECH, INC. [US/US]; 7375 Bush Lake Road, Minneapolis, MN 55439-2027 (US).
- (72) ROYCHOWDHURY, Suranjan; 3335 Pilgrim Lane North, Plymouth, MN 55441 (US). NGUYEN, Duy; 8324 Marsh Creek Road, Woodbury, MN 55125 (US). COTA, Jeffrey; 3037 Kentucky Ave. S., St. Louis Park, MN 55426 (US).
- (74) CANNON, James, R. et al. / etc.; Myers, Bigel, Sibley & Sajovec, P.O. Box 37428, Raleigh, NC 27627 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B 17/82, 17/80
- (11) WO 03/037201 (13) A1
- (21) PCT/US02/34636
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 10/001,988 31 Oct/oct 2001 US (31.10.2001)
- (30) 10/095,324 7 Mar/mar 2002 US (07.03.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • AN IMPROVED METHOD AND APPARATUS FOR CLOSING A SEVERED STERNUM
- METHODE ET DISPOSITIF AMELIORES, DESTINES A LA REPARATION D'UNE FRACTURE DU STERNUM
- (71, 72) MILLER, Archibald, S. [US/US]; 6585 South Yale, Suite 314, Tulsa, OK 74136 (US).
- (74) KACHIGIAN, Mark, G.; Head, Johnson & Kachigian, 228 West 17th Place, Tulsa, OK 74119 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B 18/24
- (11) WO 03/037203 (13) A2
- (21) PCT/US02/34155
- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) en (26) en
- (30) 10/021,132 29 Oct/oct 2001 US (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR PROVIDING MEDICAMENT TO TISSUE
- PROCEDE ET DISPOSITIF POUR FOURNIR UN MEDICAMENT A UN TISSU
- (71) EDWARDS LIFESCIENCES CORPORATION [US/US]; One Edwards Way, Irvine, CA 92614 (US).
- (72) BOBO, Donald, E. Jr.; 2520 North Valencia, Santa Ana, CA 92706 (US).
- (74) CONDINO, Debra, D. et al. / etc.; One Edwards Way, Irvine, CA 92614 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61B 19/00, A61C 19/04, A61B 5/103, 6/03
- (11) WO 03/037204 (13) A1
- (21) PCT/JP02/11337
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) ja (26) ja
- (30) 2001-335081 31 Oct/oct 2001 JP (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MEDICAL SIMULATION APPARATUS AND METHOD FOR CONTROLLING 3-DIMENSIONAL IMAGE DISPLAY IN THE MEDICAL SIMULATION APPARATUS
- APPAREIL DE SIMULATION MEDICALE ET PROCEDE DE COMMANDE D'AFFICHEUR D'IMAGE EN TROIS DIMENSIONS INCLUS DANS CET APPAREIL DE SIMULATION MEDICALE
- (71) IMAGNOSIS INC. [JP/JP]; 10F, Kobe Fashion Mart, 6-9, Koyochi-naka, Higashinada-ku, Kobe-shi, Hyogo 658-0032 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIM, Han-Joon [KR/JP]; c/o IMAGNOSIS INC., 10F, Kobe Fashion Mart, 6-9, Koyochi-naka, Higashinada-ku, Kobe-shi, Hyogo 658-0032 (JP).
- (74) KAMEI, HIROKATSU; c/o Ai Association of Patent and Trademark Attorneys, 12F, Jyutakukinyukoko-Sumitomoseime Bldg., 5-20, Minamihommachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
- (81) CA CN JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ A61C
- (11) WO 03/037205 (13) A2
- (21) PCT/US02/34427
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 10/002,822 1 Nov/nov 2001 US (01.11.2001)
- (30) 10/218,243 13 Aug/août 2002 US (13.08.2002)
- (30) 10/218,328 13 Aug/août 2002 US (13.08.2002)
- (43) 8 May/mai 2003 (08.05.2003)

- (54) • CUSTOMIZABLE DENTAL BITE BLOCKS AND METHODS FOR FORMING CUSTOMIZED DENTAL BITE BLOCKS
- BLOCS A MORDRE DENTAIRE POUVANT ETRE PERSONNALISES ET PROCEDES DE FABRICATION ASSOCIES
- (71) ULTRADENT PRODUCTS, INC. [US/US]; 505 West 10200 South, South Jordan, UT 84095 (US).
- (72) FISCHER, Dan, E.; 10444 South Dimple Dell Road, Sandy, UT 84093 (US). MCLEAN, Bruce, S.; 12091 South Millridge Road, Sandy, UT 84094 (US).
- (74) NYDEGGER, Rick, D. et al. / etc.; Workman, Nydegger & Seelcy, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 7/00
- (11) WO 03/037206 (13) A1
- (21) PCT/EP02/12071
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) MI2001A002290 31 Oct/oct 2001 IT (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ORTHODONTIC DEVICE AND ASSEMBLY PROCEDURE
- DISPOSITIF D'ORTHODONTIE ET PROCEDURE D'ASSEMBLAGE
- (71, 72) COSTA, Antonio [IT/IT]; Via Anna Frank, 2, I-43100 Parma (IT).
- (74) RAPISARDI, Maria Cristina; Ufficio Brevetti Rapisardi S.r.l., Via Serbelloni, 12, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61C 8/00
- (11) WO 03/037208 (13) A1
- (21) PCT/SE02/01995
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 09/985,129 1 Nov/nov 2001 US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • COMPONENTS AND METHOD FOR IMPROVED IMPRESSION MAKING
- COMPOSANTS ET PROCEDE D'UNE PRISE D'EMPREINTE AMELIOREE
- (71) ASTRA TECH AB [SE/SE]; Aminogatan 1, P.O. Box 14, S-431 21 Mölndal (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ENGSTRÖM, Kent [SE/SE]; Ängelholmsgatan 6, S-214 22 Malmö (SE). HALLDIN, Anders [SE/SE]; Framnäsgatan 20 D, S-412 62 Göteborg (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61C 8/00
- (11) WO 03/037209 (13) A1
- (21) PCT/US02/21730
- (22) 10 Jul/juil 2002 (10.07.2002)
- (25) en (26) en
- (30) 10/012,652 30 Oct/oct 2001 US (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • BIOCOMPATIBLE FORM AND METHOD OF FABRICATION
- FORME BIOCOMPATIBLE ET SON PROCEDE DE FABRICATION
- (71, 72) SCHULTER, Carl, W. [US/—]; 3164 Highgate Drive, Germantown, TN 38138 (US).
- (74) BECK, Bradley, D. et al. / etc.; Butler, Snow, O'Mara, Stevens & Cannada, PLLC., Suite 500, 6075 Poplar, Memphis, TN 38119 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM
-
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (u) for / pour US only / seulement
-
- (51)⁷ A61C 8/00
- (11) WO 03/037209 (13) A1
- (21) PCT/US02/21730
- (22) 10 Jul/juil 2002 (10.07.2002)
- (25) en (26) en
- (30) 10/012,652 30 Oct/oct 2001 US (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • BIOCOMPATIBLE FORM AND METHOD OF FABRICATION
- FORME BIOCOMPATIBLE ET SON PROCEDE DE FABRICATION
- (71, 72) SCHULTER, Carl, W. [US/—]; 3164 Highgate Drive, Germantown, TN 38138 (US).
- (74) BECK, Bradley, D. et al. / etc.; Butler, Snow, O'Mara, Stevens & Cannada, PLLC., Suite 500, 6075 Poplar, Memphis, TN 38119 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM
-
- Published / Publiée : (c)
- Declaration / Déclaration :
- (u) for / pour US only / seulement

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 A61C 17/00, 17/22, A46B 13/02

(11) WO 03/037210

(13) A1

(21) PCT/US02/21121

(22) 5 Jul/juillet 2002 (05.07.2002)

(25) en (26) en

(30) 60/340,557 30 Oct/oct 2001 US
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TOOTHBRUSH WITH VIBRATING
HEAD

• BROSSE A DENTS A TETE VIBRANTE

(71, 72) DWORZAN, William, S. [US/US];
12351 Alexander Ln., Santa Ana, CA 92706
(US).

(74) ZOETWEY, David, J.; Rutan & Tucker,
LLP, 611 Anton Blvd., 14th Floor, P.O. Box
1950, 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 ES FI
(Utility model / modèle d'utilité) FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX MZ NO NZ OM
PH PL PT RO RU SD SE SG SI SK (Utility
model / modèle d'utilité) SK SL TJ TM TN
TR TT TZ UA UG US UZ VN YU ZA ZM
ZW.

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

(51)⁷ A61F

(11) WO 03/037211

(13) A2

(21) PCT/US02/33734

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 09/983,993 26 Oct/oct 2001 US
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NOVEL ABSORBENT CORE ATTACH-
MENT

• NOUVELLE FIXATION DE NOYAU
ABSORBANT

(71) PARAGON TRADE BRANDS, INC.
[US/US]; 180 Technology Parkway, Nor-
cross, GA 30092 (US).

(72) CHMIELEWSKI, Harry, J.; 100 Harbor
Pointe Circle, Brunswick, GA 31523 (US).

(74) CAMPBELL, Christopher, C. et al. / etc.;
Intellectual Property Department, Hunton &

Williams, 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 SI SK SL TJ TM TR TT TZ
UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61F

(11) WO 03/037212 (13) A2

(21) PCT/US02/34360

(22) 26 Oct/oct 2002 (26.10.2002)

(25) en (26) en

(30) 60/335,944 30 Oct/oct 2001 US
(30.10.2001)

(30) 60/409,514 10 Sep/sep 2002 US
(10.09.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • IMPLANTATION METHOD FOR A
HEARING AID MICROACTUATOR IM-
PLANTED INTO THE COCHLEA

• PROCEDE D'IMPLANTATION DANS
LA COCHLEE D'UN ELEMENT DE
COMMANDE MICROSCOPIQUE DE
PROTHESE AUDITIVE

(71, 72) LESINSKI, George, S. [US/US]; 7384
Riverby Drive, Cincinnati, OH 45255 (US).
NEUKERMANS, Armand, P. [US/US]; 4
Horseshoe Bend, Portola Valley, CA 94028
(US).

(74) SCHREIBER, Donald, E.; Post Office Box
64150, Sunnyvale, CA 94088-4150 (US).

(81) AU CA JP US.

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

(51)⁷ A61F

(11) WO 03/037213 (13) A2

(21) PCT/US02/35077

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 09/985,167 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MULTIDIRECTIONAL SIDE PANELS

• PANNEAUX LATERAUX A EXTEN-
SION MULTIDIRECTIONNELLE

(71) PARAGON TRADE BRANDS, INC.
[US/US]; 180 Technology Parkway, Nor-
cross, GA 30092 (US).

(72) GIBBS, Bernadette, M.; 1923 Noah Lane,
Statham, GA 30666 (US).

(74) CAMPBELL, Christopher, C. et al. / etc.;
Intellectual Property Department, Hunton &
Williams, 1900 K Street, N.W., Suite 1200,
Washington, DC 20006-1109 (US).

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

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

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

(11) WO 03/037214 (13) A2

(21) PCT/US02/35079

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 09/985,168 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DISPOSABLE PANTS LEG ELASTICS
• ELASTIQUES DE JAMBES POUR CU-
LOTTES JETABLES

(71) PARAGON TRADE BRANDS, INC.
[US/US]; 180 Technology Parkway, Nor-
cross, GA 30092 (US).

(72) MOLEE, Kenneth, John; 860 Lakefaire
Landing, Suwanee, GA 30024 (US).

(74) CAMPBELL, Christopher, C. et al. / etc.;
Intellectual Property Department, Hunton &
Williams, 1900 K Street, N.W., Suite 1200,
Washington, DC 20006-1109 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 A61F 2/00

(11) WO 03/037215 (13) A2

(21) PCT/EP02/11860

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 101 53 334.9 29 Oct/oct 2001 DE
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AREAL IMPLANT

• IMPLANT AREOLAIRE

(71) ETHICON GMBH [DE/DE]; Robert-Koch-
Str. 1, 22851 Norderstedt (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) UGAHARY, Franz [NL/NL]; Zieken-
huis Rivierenland, Pres. Kennedylaan 1,
NL-4002 WP Tiel (NL). SCHULDT-Hempe,
Barbara [DE/DE]; Rosenstr. 23, 24576 Bad
Bramstedt (DE). PRIEWE, Jörg [DE/US];
3505 Pinhorn Drive, Bridgewater, NJ 08807

- (US). WALTHER, Christoph [DE/DE]; Dorfstr. 35, 24568 Kattendorf (DE).
- (74) BOTH, Georg et al. / etc.; Uexküll & Stolberg, Beselerstr. 4, 22607 Hamburg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61F 2/00

(11) WO 03/037216 (13) A2

(21) PCT/US02/33310

(22) 7 Oct/oct 2002 (07.10.2002)

(25) en (26) en

(30) 10/013,053 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FLEXIBLE SPINAL STABILIZATION SYSTEM AND METHOD

• SYSTEME ET PROCÉDE DE STABILISATION VERTEBRALE SOUPLE

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

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

(72, 75) DREWRY, Troy, D. [US/US]; 224 Fleur de Lis Cove, Memphis, TN 38117 (US). MOLZ, Fred, J., IV [US/US]; 201 Pikes Peak Drive, Collierville, TN 38014 (US).

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

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

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

Published / Publiée : (i)

(51)⁷ A61F 2/00

(11) WO 03/037217 (13) A1

(21) PCT/US02/35283

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/335,437 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HEART FAILURE TREATMENT DEVICE

• DISPOSITIF DE TRAITEMENT DE L'INSUFFISANCE CARDIAQUE

(71) PARACOR SURGICAL, INC. [US/US]; 610 N. Mary Ave., Sunnyvale, CA 94085 (US).

(72) LAU, Lilip; Los Altos, CA (US). PATEL, Anuja; San Jose, CA (US).

(74) ALTMAN, Daniel, E.; Knobbe, Martens, Olson and Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61F 2/01

(11) WO 03/037218 (13) A1

(21) PCT/US02/33192

(22) 17 Oct/oct 2002 (17.10.2002)

(25) en (26) en

(30) 10/020,629 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DISTAL PROTECTION AND RETRIEVAL DEVICE

• DISPOSITIF DE PROTECTION DISTALE ET DE RECUPERATION

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

(72) VRBA, Anthony, C.; 18519 83rd Avenue North, Maple Grove, MN 55311 (US). BEULKE, Mel, R.; 7900 West 103rd Street, Bloomington, MN 55438 (US).

(74) SEAGER, Glenn, M. et al. / etc.; Crompton, Seager & Tuft, LLC, Suite 895, 331 Second Avenue South, Minneapolis, MN 55401-2246 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61F 2/02

(11) WO 03/037219 (13) A2

(21) PCT/EP02/12112

(22) 30 Oct/oct 2002 (30.10.2002)

(25) de (26) de

(30) 101 53 470.1 30 Oct/oct 2001 DE (30.10.2001)

(30) 102 46 816.8 8 Oct/oct 2002 DE (08.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • USE OF CHITOSAN MATERIALS

• UTILISATION DE PRODUITS A BASE DE CHITOSAN

(71) ALVITO BIOTECHNOLOGIE GMBH [DE/DE]; Albert-Einstein-Ring 5, 14532 Kleinmachnow (DE).

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

(72, 75) HAHNEMANN, Birger [DE/DE]; Eichhornstrasse 32, 15806 Zossen (DE). PAHMEIER, Andrea [DE/DE]; Eichhornstrasse 32, 15806 Zossen (DE). SPERLING, Philipp [DE/DE]; Windsteiner Weg 26, 14625 Berlin (DE). LÖTZBEYER, Thomas [DE/DE]; Siegenburgerstrasse 15, 81373 München (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61F 2/04, A61K 31/505, A61M 25/04

(11) WO 03/037220 (13) A1

(21) PCT/EP02/12054

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 01125840.7 30 Oct/oct 2001 EP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • IMPROVED ENDOPROSTHETIC DEVICE

• DISPOSITIF AMELIORE D'ENDOPROTHESE

(71) BOEHRINGER INGELHEIM PHARMA KG [DE/DE]; Binger Strasse 173, 55216 Ingelheim (DE).

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

(72, 75) EISERT, Wolfgang [DE/DE]; Nettelbeckstrasse 19, 30175 Hannover (DE).

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

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

(11) WO 03/037221 (13) A1

(21) PCT/US02/13331

(22) 26 Apr/avr 2002 (26.04.2002)

(25) en (26) en

(30) 10/000,533 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • THERAPEUTIC STENT WITH RELIEF CUTS

• ENDOPROTHESE THERAPEUTIQUE A ENTAILLES DE LIBERATION

(71, 72) STANFORD, Ulf, Harry [US/US]; 774 Mays Boulevard #10-375, Incline Village, NV 89451 (US).

(74) JOHNSONBAUGH, Bruce, H.; Eckhoff & Hoppe, 333 Market Street, Suite 3125, San Francisco, CA 94105 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 A61F 2/06, 2/00

(11) WO 03/037222 (13) A2

(21) PCT/US02/34269

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) PR 8472 26 Oct/oct 2001 AU (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ENDOLUMINAL GRAFT

• PROTHESE ENDOLUMINALE

(71) COOK INCORPORATED [US/US]; 750 North Daniels Way, Bloomington, IN 47404 (US). WILLIAM A. COOK AUSTRALIA PTY LTD [AU/AU]; 12 Electronics Street, Brisbane Technology Park, Eight Mile Plains, Queensland (AU).

(72) LAWRENCE-BROWN, Michael; 36 Shann Street, Floreat, Western Australia (AU). LIFFMAN, Kurt; 1 Fernhill Street,

Glen Waverley, Victoria (AU). HARTLEY, David, Ernest; 2 View Street, Subiaco, Western Australia (AU).

(74) GODLEWSKI, Richard, J.; P.O. Box 2269, Bloomington, IN 47402-2269 (US).

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

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

(11) WO 03/037223 (13) A1

(21) PCT/US02/34350

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 10/002,595 1 Nov/nov 2001 US (01.11.2001)

(30) 10/017,500 14 Dec/déc 2001 US (14.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS AND METHODS FOR VARIABLY CONTROLLED SUBSTANCE DELIVERY FROM IMPLANTED PROSTHESES

• APPAREIL ET PROCÉDES D'ADMINISTRATION DE SUBSTANCES RÉGULÉES DE MANIÈRE VARIABLE À PARTIR DE PROTHÈSES IMPLANTÉES

(71) AVANTEC VASCULAR CORPORATION [US/US]; 1049 Kiel Street, Sunnyvale, CA 94089 (US).

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

(72, 75) SIRHAN, Motasim [US/US]; 794 West Knickerbocker Drive, Sunnyvale, CA 94087 (US). YAN, John [US/US]; 128 Anne Way, Los Gatos, CA 95032 (US).

(74) BAINS, Nena et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

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

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

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Declaration / Déclaration :

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(51)⁷ A61F 2/06

(11) WO 03/037224 (13) A1

(21) PCT/US02/34441

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/002,358 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TOWEL GRAFT MEANS FOR ENHANCING TISSUE INGROWTH IN VASCULAR GRAFTS

• GREFFONS À BOUCLETTES POUR RENFORCER LA RECOLONISATION TISSULAIRE DES GREFFONS VASCULAIRES

(71) EDWARDS LIFESCIENCES CORPORATION [US/US]; One Edwards Way, Irvine, CA 92614 (US).

(72) DEHDASHTIAN, Mark; 1696 Palau Place, Costa Mesa, CA 92626 (US). ALLENBERG, Jens; Im Neuenheimer Fled 110, 69120 Heidelberg (DE).

(74) VINITSKAYA, Lena, I. et al. / etc.; One Edwards Way, Irvine, CA 92614 (US).

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

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

(51)⁷ A61F 2/16

(11) WO 03/037225 (13) A1

(21) PCT/FR02/03754

(22) 31 Oct/oct 2002 (31.10.2002)

(25) fr (26) fr

(30) 01/14100 31 Oct/oct 2001 FR (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INTRAOCULAR LENSES PROVIDED WITH ANGLED EDGES TO PREVENT POSTERIOR CAPSULAR OPACIFICATION

• LENTILLES INTRAOCULAIRES MUNIES DE BORDS ANGULÉS POUR PRÉVENIR UNE OPACIFICATION CAPSULAIRE POSTÉRIEURE

(71) BAUSCH & LOMB INCORPORATED [US/US]; One Bausch & Lomb Place, Rochester, Ny New York 14604-2706 (US).

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

(72, 75) PYNSON, Joel [FR/FR]; 6, rue des Gallois, F-31400 Toulouse (FR).

(74) LAGET, Jean-loup; Cabinet Loyer, 78, avenue Raymond Poincaré, F-75116 Paris (FR).

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

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

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

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(51)⁷ A61F 2/24

(11) WO 03/037226 (13) A1

(21) PCT/DE02/03910

(22) 16 Oct/oct 2002 (16.10.2002)

(25) de (26) de

(30) 101 51 537.5 23 Oct/oct 2001 DE (23.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DOUBLE-LEAFLET CARDIAC VALVULAR PROSTHESIS
• PROTHESE DE VALVULE CARDIAQUE A DEUX VALVES

(71, 72) FREY Rainer [DE/DE]; Watzmannstrasse 10, 82319 Starnberg (DE).

(74) WALCHER, Armin; Louis, Pöhlau, Lohrentz & Segeth, Postfach 30 55, 90014 Nürnberg (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A61F 2/24

(11) WO 03/037227 (13) A2

(21) PCT/GB02/04873

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 0125925.8 29 Oct/oct 2001 GB (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MITRAL VALVE PROSTHESIS
• PROTHESE DE VALVULE MITRALE

(71) THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW [GB/GB]; Gilbert Scott Building, University Avenue, Glasgow G12 8QQ (GB).
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(72, 75) WHEATLEY, David, John [GB/GB]; 13 Lochend Drive, Bearsden, Glasgow, G61 1ED (GB).

(74) MacDOUGALL, Donald, Carmicheal 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61F 2/44

(11) WO 03/037228 (13) A2

(21) PCT/US02/34466

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 60/340,734 30 Oct/oct 2001 US (30.10.2001)

(30) 60/372,972 16 Apr/avr 2002 US (16.04.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BONE IMPLANT AND INSERTION TOOLS

• IMPLANT OSSEUX ET INSTRUMENTS D'INSERTION

(71) OSTEOTECH, INC. [US/US]; 51 James Way, Eatontown, NJ 07731 (US).

(72) WINTERBOTTOM, John; 11 Ryans Way, Jackson, NJ 08527 (US). MARTZ, Erik, O.; 11 Heritage Drive, Howell, NJ 07731 (US). KAES, David, R.; 2198 Old Church Road, Toms River, NJ 08753 (US). ROSENTHAL, Daniel, Evan; 46 Wordsworth Road, Short Hills, NJ 07078 (US).

(74) SQUIRE, William et al. / etc.; Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61F 2/44

(11) WO 03/037229 (13) A1

(21) PCT/US02/34543

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 10/000,769 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • VERTEBRAL SPACER FOR SPINAL STABILIZATION

• DISPOSITIF D'ESPACEMENT VERTEBRAL DESTINE A LA STABILISATION DE LA COLONNE VERTEBRALE

(71) SPINEOLOGY, INC. [US/US]; 1815 Northwestern Avenue, Stillwater, MN 55082 (US).

(72) KUSLICH, Stephen D.; 10343 Dellwood Road North, Stillwater, MN 55082 (US).

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

(81) JP KR.

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

(51)⁷ A61F 2/46

(11) WO 03/037230 (13) A2

(21) PCT/EP02/12025

(22) 28 Oct/oct 2002 (28.10.2002)

(25) de (26) de

(30) 01125793.8 29 Oct/oct 2001 EP (29.10.2001)

(30) 102 25 703.5 10 Jun/juin 2002 DE (10.06.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INSTRUMENTATION FOR INSERTION OF AN INTER-VERTEBRAL PROSTHESIS

• INSTRUMENT PERMETTANT D'IMPLANTER UNE PROTHESE INTER-VERTEBRALE

(71) WALDEMAR LINK (GMBH & CO.) [DE/DE]; Barkhausenweg 10, 22339 Hamburg (DE).

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

(72, 75) KELLER, Arnold [DE/DE]; An der Naherfurth 5, 23863 Kayhude (DE).

(74) GLAWE, DELFS, MOLL -PATENT-UND RECHTSANWÄLTE; Rothenbaumchaussee 58, 20148 Hamburg (DE).

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

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

Declarations / Déclarations :

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

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

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU
ZA ZM ZW AP (GH GM KE LS MW MZ SD SL
SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK
EE ES FI FR GB GR IE IT 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 A61F 4/00

(11) WO 03/037231 (13) A1

(21) PCT/US02/31269

(22) 1 Oct/oct 2002 (01.10.2002)

(25) en (26) en

(30) 10/012,012 29 Oct/oct 2001 US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CLOSED LOOP BRAIN MACHINE IN-
TERFACE
• INTERFACE CERVEAU-MACHINE EN
BOUCLE FERMEE

(71) DUKE UNIVERSITY [US/US]; Office of
Science and Technology, P.O. Box 90083,
Durham, NC 27708 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NICOLELIS, Miguel, A.L. [US/US];
1000 Staffield Lane, Chapel Hill, NC 27516
(US). CHAPIN, John, K. [US/US]; 1980
Bay Blvd, Atlantic Beach, NY 11509 (US).
WESSBERG, Johan [SE/SE]; Skytteskogs-
gatan 33, Goteborg, SE-41476 (SE).

(74) JENKINS, Richar, E.; Jenkins & Wilson,
P.A., Suite 1400, University Tower, 3100
Tower Boulevard, Durham, NC 27707 (US).

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

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

(51)⁷ A61F 6/00

(11) WO 03/037232 (13) A1

(21) PCT/YU02/00021

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) P-785/01 2 Nov/nov 2001 YU
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CONDOM PACKAGE

• EMBALLAGE POUR PRESERVATIF

(71, 72) GLIGORIC, Milan [YU/YU]; Stojana
Cupica 22, YU-15320 Ljubovija (YU).

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

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

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61F 7/00

(11) WO 03/037233 (13) A1

(21) PCT/US02/34772

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/334,740 31 Oct/oct 2001 US
(31.10.2001)

(30) 10/274,757 21 Oct/oct 2002 US
(21.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS FOR THERMAL THER-
APY
• APPAREIL DE THÉRAPIE THER-
MIQUE

(71, 72) LARNARD, Donald, J. [US/US]; 38
Depot Road, Hampton Falls, NH 03844 (US).

(74) CHRISTOPHER, John; Christopher &
Weisberg, P.A., Suite 2040, 200 East Las
Olas Boulevard, Fort Lauderdale, FL 33301
(US).

(81) CA JP.

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

Published / Publiée : (c)

(51)⁷ A61F 05/00

(11) WO 03/037234 (13) A1

(21) PCT/US01/28344

(22) 10 Sep/sep 2001 (10.09.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • MULTI-CONFIGURATION COCK
RING
• ANNEAU POUR PENIS A CONFIGU-
RATIONS MULTIPLES

(71, 72) LERMA, Alfredo [MX/US]; 349
Chardonnay Dr., Salinas, CA 93906 (US).

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

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

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

(51)⁷ A61F 11/00

(11) WO 03/037235 (13) A2

(21) PCT/HU02/00109

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) U 0100278 30 Oct/oct 2001 HU
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • UNIVERSAL EAR-PLUG WITH
ANATOMICALLY DESIGNED ELAS-
TIC EAR-PIECE AND PULL-OUT
EXTENSION

• PROTEGE-TYMPAN UNIVERSEL
AVEC PIECE AUDITIVE ANATO-
MIQUE SOUPLE ET EXTENSION
POUR RETRAIT

(71, 72) ISTVÁN, Szentiványi [HU/HU]; Telki
ut 5., H-2071 Páty (HU).

(81) AE (Utility model / modèle d'utilité) AG
AL (Utility model / modèle d'utilité) AM
(Utility model / modèle d'utilité) AT (Utility
model / modèle d'utilité) AU AZ (Utility
model / modèle d'utilité) BA BB BG (Utility
model / modèle d'utilité) BR (Utility model /
modèle d'utilité) BY (Utility model / modèle
d'utilité) BZ (Utility model / modèle d'utilité)
CA CH CN (Utility model / modèle d'utilité)
CO (Utility model / modèle d'utilité) CR
(Utility model / modèle d'utilité) CU CZ
(Utility model / modèle d'utilité) CZ DE
(Utility model / modèle d'utilité) DE DK
(Utility model / modèle d'utilité) DK DM
DZ EC (Utility model / modèle d'utilité)
EE (Utility model / modèle d'utilité) EE ES
(Utility model / modèle d'utilité) FI (Utility
model / modèle d'utilité) FI GB GD GE
(Utility model / modèle d'utilité) GH GM
HR HU (Utility model / modèle d'utilité) ID
IL IN IS JP (Utility model / modèle d'utilité)
KE (Utility model / modèle d'utilité) KG
(Utility model / modèle d'utilité) KP KR
(Utility model / modèle d'utilité) KZ (Utility
model / modèle d'utilité) LC LK LR LS
(Utility model / modèle d'utilité) LT LU LV
MA MD (Utility model / modèle d'utilité)
MG MK MN MW MX (Utility model /
modèle d'utilité) MZ (Utility model / modèle
d'utilité) 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)
SD SE SG SI 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 (Utility model / modèle d'utilité) YU
ZA ZM ZW.

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

DK EE ES FI FR GB GR IE IT LU 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 A61F 13/00

(11) WO 03/037236 (13) A2

(21) PCT/US02/22855

(22) 17 Jul/juil 2002 (17.07.2002)

(25) en (26) en

(30) 10/003,970 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CONTAINMENT FLAPS FOR AB-
SORBENT ARTICLE

• RABATS DE CONTENTION POUR UN
ARTICLE ABSORBANT

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

(72) KUEN, David, A.; 1086 Honeysuckle Lane,
Neenah, WI 54956 (US). VAN DYKE,
Sherry, A.; 6128 Old Glory Lane, Neenah,
WI 54956 (US).

(74) BRIDGE, Richard, L. et al. / etc.; SEN-
NIGER, POWERS, LEAVITT & ROEDEL,
One Metropolitan Square, 16th Floor, St.
Louis, MO 63102 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT 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 A61F 13/494

(11) WO 03/037237 (13) A1

(21) PCT/SE02/01752

(22) 26 Sep/sep 2002 (26.09.2002)

(25) sv (26) en

(30) 0103617-7 31 Oct/oct 2001 SE
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AN ABSORBENT ARTICLE

• ARTICLE ABSORBANT

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

(72) ELFSTRÖM, Anna-Carin; Krossholmsvä-
gen 60, S-423 38 Torslanda (SE). MARE,
Carina; Grimmeredsvägen 95, S-426 69 Vä-
stra Frölunda (SE). SANDIN, Cécile; Sjöval-
la Klint, S-431 36 Mölndal (SE). STRAN-
NEMALM, Kenneth; Brovägen 32, S-448
31 Floda (SE). HERMANSSON, Kent; Cit-
rusgatan 7, S-426 54 Västra Frölunda (SE).

NILSSON, Lennart; Nordvik 1202, S-471
95 Skärhamn (SE).

(74) ALBIHNS GÖTEBORG AB; P.O. Box 142,
S-401 22 Göteborg (SE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 A61G

(11) WO 03/037238 (13) A2

(21) PCT/IL02/00862

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 60/330,695 29 Oct/oct 2001 US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CUSTOMIZABLE ORTHOTIC DEVICE
WITH ADJUSTABLE SUPPORT AND
FORCES

• DISPOSITIF ORTHETIQUE PERSON-
NALISABLE A SUPPORT ET APPLI-
CATION DE FORCES REGLABLES

(71, 72) FIRSOV, Igal [IL/IL]; 4/3 Tenuat
Hameri St., 55286 Kiryat Ono (IL).

(74) FRIEDMAN, Mark, M.; Beit Samueloff, 7
Haomanim St., 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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61G 7/10, B66D 3/18

(11) WO 03/037239 (13) A1

(21) PCT/CA02/01505

(22) 4 Oct/oct 2002 (04.10.2002)

(25) en (26) en

(30) 09/985,282 2 Nov/nov 2001 US
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • VARIABLE FUNCTION PERSON
TRANSPORTATION SYSTEM(S)

• SYSTEME(S) DE TRANSPORT DE
PERSONNE A FONCTION VARIABLE

(71) BHM MEDICAL INC. [CA/CA]; 2001,
Tanguay Street, Magog, Québec J1X 5Y5
(CA).

(72) FAUCHER, Martin; 315, Chemin du Ruis-
seau, Kateville, Québec J0B 1W0 (CA).
CORRIVEAU, Michel; 5975, Chemin
Kendall, Eaton, Québec J1M 2A3 (CA).
MOLINER, Michel; 201, Chemin Bellevue,
Eastman, Québec J0E 1P0 (CA).

(74) KOSIE, Ronald, S.; Brouillette Kosic, 25th
floor, 1100 René-Lévesque West, Montréal,
Québec H3B 5C9 (CA).

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

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

(51)⁷ A61G 12/00

(11) WO 03/037240 (13) A1

(21) PCT/JP01/09642

(22) 2 Nov/nov 2001 (02.11.2001)

(25) ja (26) ja

(43) 8 May/mai 2003 (08.05.2003)

(54) • INJECTION NEEDLE REMOVER IN
DENTAL CARTRIDGE SYRINGE

• DISPOSITIF DE RETRAIT D'AI-
GUILLE D'INJECTION DESTINE A
UNE SERINGUE A CARTOUCHE DEN-
TAIRE

(71) SHOWA YAKUHIN KAKO CO.,LTD.
[JP/JP]; 17-11, Kyobashi 2-Chome, Chuo-Ku,
Tokyo 104-0031 (JP). HIOS INC. [JP/JP];
111-6, Akiyama, Matsudo-Shi, Chiba
270-2223 (JP).

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

(72, 75) TANAKA, Fumio [JP/JP]; c/o SHOWA
YAKUHIN KAKO CO., LTD., 17-11, Ky-
obashi 2-Chome, Chuo-Ku, Tokyo 104-0031
(JP). ONO, Kazuhiro [JP/JP]; c/o SHOWA
YAKUHIN KAKO CO., LTD., 17-11, Ky-
obashi 2-Chome, Chuo-Ku, Tokyo 104-0031
(JP). KITAGAWA, Ikuro [JP/JP]; c/o HIOS
INC., 111-6, Akiyama, Matsudo-Shi, Chiba
270-2223 (JP). HAYASHI, Renji [JP/JP]; c/o
HIOS INC., 111-6, Akiyama, Matsudo-Shi,
Chiba 270-2223 (JP). KATO, Yoshinori
[JP/JP]; c/o HIOS INC., 111-6, Akiyama,
Matsudo-Shi, Chiba 270-2223 (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 NO NZ PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.

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

- (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (71)⁷ **A61G 17/00**
 (11) **WO 03/037241** (13) A1
 (21) PCT/KR02/01998
 (22) **25 Oct/oct 2002 (25.10.2002)**
 (25) ko (26) en
 (30) 2001/66572 **27 Oct/oct 2001 KR (27.10.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • DUAL COFFIN EQUIPPED WITH INNER-COFFIN AND OUTER-COFFIN
 • CERCUEIL DOUBLE CONSTITUE D'UN CERCUEIL INTERNE ET D'UN CERCUEIL EXTERNE
- (71, 72) **KIM, Young, Gyu** [KR/KR]; 303-206 Samsungsan Jugong Apt., Sillim 10-dong, Gwanak-gu, 151-020 Seoul (KR).
- (72, 75) **KIM, Hyoung, Joo** [KR/KR]; 1108-24 Yongdang 2-dong, Mokpo-si, 530-362 Jeollanam-do (KR). **MIN, Chul, Hong** [KR/KR]; 167-40 1-ga Geumho-dong, Seongdong-gu, 133-800 Seoul (KR). **SEONG, Sang, Hwo** [KR/KR]; 102-304 Ujubilla, Hwangseong-dong, Gyeongju-si, 780-759 Gyeongsangbuk-do (KR). **SEONG, Jin, Woo** [KR/KR]; 204-104 Jugong Apt., Dunchon-dong, Gangdong-gu, 134-772 Seoul (KR). **AHN, Jong, Hoon** [KR/KR]; 521-32 Mangu 3-dong, Jungnang-gu, 131-807 Seoul (KR). **YONG, Kyong, Young** [KR/KR]; 201-ho, 29-6 Wonhyoro 1-ga, Yongsan-gu, 140-846 Seoul (KR). **CHO, In, Seong** [KR/KR]; 101-1307 Sinan Apt., Hwangseong-dong, Gyeongju-si, 780-130 Gyeongsangbuk-do (KR). **HWANG, Jeong, Bin** [KR/KR]; 50-31 Myeonmok 8-dong, Jungnang-gu, 131-812 Seoul (KR).
- (74) **CHOI, Duk, Kyu**; 5th Floor Chunwoo Bldg., 736 Yoksam-dong, Gangnam-gu, 135-080 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **A61H**
 (11) **WO 03/037242** (13) A2
 (21) PCT/AT02/00302
 (22) **24 Oct/oct 2002 (24.10.2002)**
 (25) de (26) de
 (30) A GM 832/01 **29 Oct/oct 2001 AT (29.10.2001)**
 (30) A GM 163/02 **15 Mar/mar 2002 AT (15.03.2002)**
 (30) A 500/2002 **29 Mar/mar 2002 AT (29.03.2002)**
 (43) 8 May/mai 2003 (08.05.2003)
- (54) • PENIS VIBRATOR
 • VIBRATEUR DE PENIS
- (71, 72) **DORN, Alexander** [AT/AT]; Dorf, 52a, A-6943 Riefensberg (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **A61H 7/00, 37/00**
 (11) **WO 03/037243** (13) A1
 (21) PCT/BE02/00143
 (22) **5 Sep/sep 2002 (05.09.2002)**
 (25) fr (26) fr
 (30) 2001/0578 **5 Sep/sep 2001 BE (05.09.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • DEVICE FOR WASHING AND MASSAGING THE HUMAN BODY
 • DISPOSITIF DE LAVAGE ET MASSAGE DU CORPS HUMAIN
- (71, 72) **VIAENE, Serge** [BE/BE]; Rue Bois-Eloi, 19, B-1380 Lasne (BE).
- (74) **QUINTELIER, C. et al.** / etc.; Gevers & Vander Haeghen, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **A61J**
 (11) **WO 03/037244** (13) A2
 (21) PCT/US02/34793
 (22) **29 Oct/oct 2002 (29.10.2002)**
 (25) en (26) en
 (30) 60/340,664 **29 Oct/oct 2001 US (29.10.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • SYSTEM FOR MANUFACTURING CONTROLLED RELEASE DOSAGE FORMS, SUCH AS A ZERO-ORDER RELEASE PROFILE DOSAGE FORM MANUFACTURED BY THREE-DIMENSIONAL PRINTING
 • SYSTEME D'ELABORATION DE FORMES PHARMACEUTIQUES A LIBERATION CONTROLEE, DU TYPE
- FORME PHARMACEUTIQUE A PROFIL DE LIBERATION D'ORDRE ZERO ELABOREE EN IMPRESSION TRIDIMENSIONNELLE
- (71) **THERICS, INC.** [US/US]; 115 Campus Drive, Princeton, NJ 08540 (US). **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PRYCE LEWIS, Wendy, E.** [US/US]; 31 Hillcrest Circle, Watertown, MA 02472 (US). **ROWE, Charles, William** [US/US]; 770 Highland Avenue, Medford, MA 02155 (US). **CIMA, Michael, J.** [US/US]; 184 Mystic Valley Parkway, Winchester, MA 01890 (US). **MATERNA, Peter, A.** [US/US]; 81 Rector Street, Metuchen, NJ 08840 (US).
- (74) **BETCHER, Susan, D. et al.** / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **A61J 1/00, B65D 47/18**
 (11) **WO 03/037245** (13) A1
 (21) PCT/JP02/11017
 (22) **23 Oct/oct 2002 (23.10.2002)**
 (25) ja (26) ja
 (30) 2001-334347 **31 Oct/oct 2001 JP (31.10.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • INSTILLATION CONTAINER WITH LEVEL-DIFFERENCE PORTION
 • RECIPIENT D'INSTILLATION PRESENTANT UNE PARTIE A DIFFERENCE DE NIVEAU
- (71) **SANTEN PHARMACEUTICAL CO., LTD.** [JP/JP]; 9-19, Shimoshinjo 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-0021 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KUSU, Yukio** [JP/JP]; c/o SANTEN PHARMACEUTICAL CO., LTD., 9-19, Shimoshinjo 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-0021 (JP). **YAMADA, Hiroshi** [JP/JP]; c/o SANTEN PHARMACEUTICAL CO., LTD., 9-19, Shimoshinjo 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-0021 (JP).
- (74) **KITAMURA, Shuichiro**; 8-1, Toyosaki 5-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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K
 (11) WO 03/037246 (13) A2
 (21) PCT/IB02/05825
 (22) 17 Jul/juil 2002 (17.07.2002)
 (25) en (26) en
 (30) 60/306,112 17 Jul/juil 2001 US (17.07.2001)
 (30) 10/198,199 16 Jul/juil 2002 US (16.07.2002)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • COMPOSITIONS AND METHODS FOR PROSTATE AND KIDNEY HEALTH AND DISORDERS, AN HERBAL PREPARATION
 • COMPOSITIONS ET METHODES POUR SOINS ET CONTRE LES TROUBLES PROSTATIQUES ET HEPATIQUES, PREPARATION A BASE D'HERBES MEDICINALES
- (71) INTEGRATED CHINESE MEDICINE HOLDINGS LTD. [CN/CN]; Chinachem Golden Plaza, Room 504, 77 Mody Road, TST East Kowloon, Hong Kong (CN).
- (72) CHOU, Wen, Hsien; Chinachem Golden Plaza, Room 504, 77 Mody Road, TST East Kowloon, Hong Kong (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K
 (11) WO 03/037248 (13) A2
 (21) PCT/US02/25417
 (22) 12 Aug/août 2002 (12.08.2002)
 (25) en (26) en
 (30) 09/942,984 30 Aug/août 2001 US (30.08.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • FIBRIN NANOPARTICLES AND USES THEREOF
 • NANOPARTICULES DE FIBRINE ET LEURS UTILISATIONS
- (71) HAPTO BIOTECH, INC. [US/US]; 666 Old Country Road, Suite 302, Garden City, NJ 11530 (US).
- (72) MARX, Gerard; Ein Kerem 18A, 95744 Jerusalem (IL). GORODETSKY, Raphael; 32 Hakfir Street, Malha, 96952 Jerusalem (IL).
- (74) ARNOLD, Craig, J.; Amster, Rothstein & Ebenstein, 90 Park Avenue, New York, NY 10016 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K
 (11) WO 03/037247 (13) A2
 (21) PCT/IL02/00870
 (22) 29 Oct/oct 2002 (29.10.2002)
 (25) en (26) en
 (30) 60/330,692 29 Oct/oct 2001 US (29.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • METHODS AND PHARMACEUTICAL COMPOSITIONS FOR DOPAMINERGIC MODULATION OF T-CELL ADHESION AND ACITIVITY
 • PROCEDES ET COMPOSITIONS PHARMACEUTIQUES DE MODULATION DOPAMINERGIQUE DE L'ADHERENCE ET DE L'ACTIVITE DE CELLULES T
- (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) LEVITE, Mia [IL/IL]; 8 HaOphek Street, 56520 Savyon (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 US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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) 9 Oct/oct 2002 (09.10.2002)
 (25) en (26) en
 (30) 60/328,070 9 Oct/oct 2001 US (09.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • METHOD FOR INHIBITING THE FORMATION OF SEROMAS USING FACTOR XIII
 • METHODES D'INHIBITION DE LA FORMATION DE SEROMES A L'AIDE DU FACTEUR XIII
- (71) ZYMOGENETICS, INC. [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).
- (72) BISHOP, Paul, D.; 28425 SE 8th Street, Fall City, WA 98024 (US). GROSSMANN, Angelika; 2809 NE 60th, Seattle, WA 98115 (US).
- (74) LUNN, Paul, G.; ZymoGenetics, Inc., 1201 Eastlake Avenue East, Seattle, WA 98102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
 (11) WO 03/037250 (13) A2
 (21) PCT/US02/34121
 (22) 25 Oct/oct 2002 (25.10.2002)
 (25) en (26) en
 (30) 60/330,628 26 Oct/oct 2001 US (26.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • MATRIX METHODS FOR QUANTITATIVELY ANALYZING AND ASSESSING THE PROPERTIES OF BOTANICAL SAMPLES
 • METHODES DE CALCUL MATRICIEL UTILISEES POUR ANALYSER QUANTITATIVEMENT ET EVALUER LES PROPRIETES D'ECHANTILLONS BOTANIQUES
- (71) PHYTOCEUTICA, INC. [US/US]; 5 Science Park, Box 13, New Haven, CT 06511 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TILTON, Robert [US/US]; 562 White Birch Drive, Guilford, Ct 06437 (US). BJORAKER, Jeff [US/US]; 265 College Street #10J, New Haven, CT 06510 (US). XU, Jingdong [US/US]; 1220 Whitney Avenue #3 F, Hamden, CT 06517 (US).
- (74) VEITENHEIMER, Erich, E. et al. / etc.; Morgan, Lewis & Bockius LLP, 1111 Pennsylvania Avenue, N.W., Washington, DC 20004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 A61K

(11) WO 03/037251 (13) A2

(21) PCT/US02/34336

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 60/341,045 29 Oct/oct 2001 US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HIVGP120-INDUCED BOB/GPR15 AC-
TIVATION

• ACTIVATION DES BOB/GPR15 IN-
DUITE PAR HIVGP120

(71) UNIVERSITY OF UTAH RESEARCH
FOUNDATION [US/US]; 615 Arapeen
Drive, Suite 110, Salt Lake City, UT 84108
(US).

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(72, 75) CLAYTON, Frederic [US/US]; 37766
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Septemes-les-Vallons (FR).

(74) HUIZENGA, David, E. et al. / etc.; Needle
& Rosenberg, P.C., Suite 1200, The Candler
Building, 127 Peachtree Street, N.E., Atlanta,
GA 30303-1811 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 A61K

(11) WO 03/037252 (13) A2

(21) PCT/US02/34379

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 60/339,075 30 Oct/oct 2001 US
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TYROSINE KINASE INHIBITORS

• INHIBITEURS DE TYROSINES KI-
NASES

(71) MERCK & CO., INC. [US/US]; 126 East
Lincoln Avenue, Rahway, NJ 07065-0907
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les États désignés sauf US)

(72, 75) ARRINGTON, Kenneth, L. [US/US];
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[US/US]; 126 East Lincoln Avenue, Rahway,
NJ 07065-0907 (US). HARTMAN, George,
D. [US/US]; 126 East Lincoln Avenue, Rah-
way, NJ 07065-0907 (US).

(74) MERCK & CO., INC.; 126 East Lincoln
Avenue, Rahway, NJ 07065-0907 (US).

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

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

(51)⁷ A61K

(11) WO 03/037253 (13) A2

(21) PCT/US02/34409

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 60/334,996 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS FOR THE TREATMENT
AND DIAGNOSIS OF TUMORIGENIC
AND ANGIOGENIC DISORDERS US-
ING 32616

• PROCEDES DE TRAITEMENT ET DE
DIAGNOSTIC DE TROUBLES DE NA-
TURE TUMORIGENE ET/OU ANGIO-
GENE RECOURANT AU 32616

(71) MILLENNIUM PHARMACEUTICALS,
INC. [US/US]; 75 Sidney Street, Cambridge,
MA 02139 (US).

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les États désignés sauf US)

(72, 75) TSAI, Fong-Ying [—/US]; 15 Montclair
Road, Newton, MA 02468 (US).

(74) BOSSONE, Steven, A.; Millennium Phar-
maceuticals, Inc., 75 Sidney Street, Cam-
bridge, MA 02139 (US).

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

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

(51)⁷ A61K

(11) WO 03/037254 (13) A2

(21) PCT/US02/34567

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 60/335,078 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS AND COMPOSITIONS FOR
THE TREATMENT AND DIAGNOSIS
OF PAIN DISORDERS USING 46566

• PROCEDES ET COMPOSITIONS UTI-
LISES DANS LE TRAITEMENT ET LE
DIAGNOSTIC DE TROUBLES LIES A
LA DOULEUR AU MOYEN DE 46566

(71) MILLENNIUM PHARMACEUTICALS,
INC. [US/US]; 75 Sidney Street, Cambridge,
MA 02139 (US).

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

(72, 75) SILOS-SANTIAGO, Inmaculada
[ES/US]; 180 Moss Hill Road, Jamaica Plain,
MA 02130 (US).

(74) MILLENNIUM PHARMACEUTICALS,
INC.; Legal-Intellectual Property (OBW-16),
75 Sidney Street, Cambridge, MA 02139
(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 DE (Utility model
/ modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SI SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ A61K

(11) WO 03/037255 (13) A2

(21) PCT/US02/34568

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 60/335,044 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS AND COMPOSITIONS FOR
THE DIAGNOSIS AND TREATMENT
OF HEMATOLOGICAL DISORDERS
USING 16319

• PROCEDES ET COMPOSITIONS DE
DIAGNOSTIC ET DE TRAITEMENT
DE TROUBLES HEMATOLOGIQUES
AU MOYEN DE 16319

(71) MILLENNIUM PHARMACEUTICALS,
INC. [US/US]; 75 Sidney Street, Cambridge,
MA 02139 (US).

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

(72, 75) CARROLL, Joseph, M. [US/US]; 113
Sciarappa Street, Cambridge, MA 02141
(US).

- (74) **BOSSONE, Steven, A.**; Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, MA 02139 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) **WO 03/037256** (13) A2
(21) PCT/US02/34569
(22) **28 Oct/oct 2002 (28.10.2002)**
(25) en (26) en
(30) 60/336,512 **1 Nov/nov 2001** US
(01.11.2001)
(30) 60/331,866 **20 Nov/nov 2001** US
(20.11.2001)
(30) 10/280,517 **25 Oct/oct 2002** US
(25.10.2002)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • USE OF SOMATOSTATIN RECEPTOR AGONISTS IN THE TREATMENT OF HUMAN DISORDERS OF SLEEP HYPOXIA AND OXYGEN DEPRIVATION
• UTILISATION D'AGONISTES DU RECEPTEUR DE SOMATOSTATINE DANS LE TRAITEMENT DE TROUBLES HUMAINS DE L'HYPOXIE DU SOMMEIL ET DU MANQUE D'OXYGENE
- (71, 72) **YOUNG, Charles, W.** [US/US]; 181 E. 73rd Street, Apt 14F, New York, NY 10021-3573 (US).
- (74) **BROGAN, Marilyn, Matthes et al. / etc.**; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K
(11) **WO 03/037257** (13) A2
(21) PCT/US02/34574
(22) **29 Oct/oct 2002 (29.10.2002)**
(25) en (26) en
(30) 60/335,006 **31 Oct/oct 2001** US
(31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT OF CELLULAR PROLIFERATION DISORDERS USING 20750
• METHODES ET COMPOSITIONS SERVANT AU DIAGNOSTIC ET AU TRAITEMENT DE TROUBLES DE LA PROLIFERATION CELLULAIRE IMPLIQUANT LE 20750
- (71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WILLIAMSON, Mark** [US/US]; 15 Stonecrest Drive, Saugus, MA 01906 (US).
- (74) **BOSSONE, Steven, A.**; Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, MA 02139 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) **WO 03/037258** (13) A2
(21) PCT/US02/34575
(22) **29 Oct/oct 2002 (29.10.2002)**
(25) en (26) en
(30) 60/335,009 **31 Oct/oct 2001** US
(31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS AND COMPOSITIONS FOR THE TREATMENT AND DIAGNOSIS OF PAIN DISORDERS USING 2047
• METHODES ET COMPOSITIONS DE TRAITEMENT ET DE DIAGNOSTIC DE TROUBLES DE LA DOULEUR IMPLIQUANT LE 2047
- (71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SILOS-SANTIAGO, Immaculada** [ES/US]; 180 Moss Hill Road, Jamaica Plain, MA 02130 (US).
- (74) **BOSSONE, Steven, A.**; Millennium Pharmaceuticals, Inc., Legal-Intellectual Property (OBW-16), 75 Sidney Street, Cambridge, MA 02139 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) **WO 03/037259** (13) A2
(21) PCT/US02/34609
(22) **30 Oct/oct 2002 (30.10.2002)**
(25) en (26) en
(30) 60/340,063 **30 Oct/oct 2001** US
(30.10.2001)
(30) 60/385,026 **31 May/mai 2002** US
(31.05.2002)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS FOR THE PREVENTION OR TREATMENT OF BACTERIAL AND FUNGAL INFECTIONS
• METHODES DE PREVENTION OU DE TRAITEMENT D'INFECTIONS BACTERIENNES OU MYCOSIQUES
- (63) US 60/340,063 (CIP)
30 Oct/oct 2001 (30.10.2001)
US 60/385,026 (CIP)
31 May/mai 2002 (31.05.2002)
- (71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US). **INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE** [CA/CA]; Tour de la Cité, 2600 Boulevard Laurier, Bureau 640, Case Postal 7500, Sainte-Foy, Québec G1V 4C7 (CA).
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- (72, 75) **RAHME, Laurence, G.** [LB/US]; 184 Winchester Avenue, Brookline, MA 02146 (US). **CAO, Hui** [CN/US]; 11 Village Way #2, Natick, MA 01760 (US). **LEPINE, Francois** [CA/CA]; 3519 Rouviere, Longueuil, Quebec J4L 4J9 (CA). **DEZIEL, Eric** [CA/US]; 124 Summer Street, Apt. 6, Somerville, MA 02143 (US). **TOMPKINS, Ronald, Gray** [US/US]; 2 Hawthorne Place, #8N, Boston, MA 02114 (US).
- (74) **ELBING, Karen, L.**; 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K
(11) **WO 03/037260** (13) A2
(21) PCT/US02/34613
(22) **30 Oct/oct 2002 (30.10.2002)**
(25) en (26) en
(30) 60/341,009 **30 Oct/oct 2001** US
(30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT OF CELLULAR PROLIFERATION DISORDERS USING 20750
• METHODES ET COMPOSITIONS SERVANT AU DIAGNOSTIC ET AU TRAITEMENT DE TROUBLES DE LA PROLIFERATION CELLULAIRE IMPLIQUANT LE 20750
- (71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WILLIAMSON, Mark** [US/US]; 15 Stonecrest Drive, Saugus, MA 01906 (US).
- (74) **BOSSONE, Steven, A.**; Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, MA 02139 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (54) • METHODS AND COMPOSITIONS FOR TREATING PARKINSON'S DISEASE
• METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE LA MALADIE DE PARKINSON
- (71) BIOGEN, INC. [US/US]; 14 Cambridge Center, Cambridge, MA 02142 (US). BAYLOR COLLEGE OF MEDICINE [US/US]; One Baylor Plaza, Houston, TX 77030 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FAWELL, Stephen [GB/US]; 21 Lantern Road, Framingham, MA 01702 (US). CONNEELY, Orla [IE/US]; 6604 Vanderbilt Street, Houston, TX 77005 (US).
- (74) ARNOLD, Beth, E.; Patent Group, Foley Hoag LLP, 155 Seaport Boulevard, Boston, MA 02110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K
(11) WO 03/037261 (13) A2
(21) PCT/US02/34621
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 60/335,047 31 Oct/oct 2001 US (31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS AND COMPOSITIONS FOR THE TREATMENT AND DIAGNOSIS OF PAIN DISORDERS USING 9805
• PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT ET LE DIAGNOSTIC DE TROUBLES GENERANT UNE DOULEUR AU MOYEN DE 9805
- (71) MILLENNIUM PHARMACEUTICALS, INC. [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SILOS-SANTIAGO, Inmaculada [ES/US]; 180 Moss Hill Road, Jamaica Plain, MA 02130 (US).
- (74) BOSSONE, Steven, A.; Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, MA 02139 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K
(11) WO 03/037263 (13) A2
(21) PCT/US02/34661
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 10/037,033 29 Oct/oct 2001 US (29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • SUNSPOT SKIN CREAM
• CREME POUR L'EPIDERME CONTRE LES TACHES SOLAIRES
- (71, 72) PENICK, Brian [US/US]; 7041 NW 40th Court, Coral Springs, FL 33065 (US).
- (74) KAMENETSKY, Jeffrey, H. et al. / etc.; Christopher & Weisberg, P.A., 200 East Las Olas Boulevard, Suite 2040, Fort Lauderdale, FL 33301 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K
(11) WO 03/037264 (13) A2
(21) PCT/US02/34688
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 60/345,957 29 Oct/oct 2001 US (29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • THERAPEUTIC ANTI-HIV (VPR) COMPOUNDS
• COMPOSES THERAPEUTIQUES ANTI-VIH (VPR)
- (71) GENZYME CORPORATION [US/US]; One Kendall Square, Cambridge, MA 02139 (US). MASSACHUSETTS GENERAL HOSPITAL [US/US]; 55 Fruit Street, Boston, MA 02114 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NICOLETTE, Charles, A. [US/US]; 4 Mill Street, Framingham, MA 01701 (US). WALKER, Bruce, D. [US/US]; 85 Columbine Road, Milton, MA 02186 (US).
- (74) KONSKI, Antoinette, F. et al. / etc.; Bingham McCutchen LLP, Three Embarcadero Center, Suite 1800, San Francisco, CA 94111-4067 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/037265 (13) A2
(21) PCT/US02/34732
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 60/339,191 30 Oct/oct 2001 US (30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD OF TREATING VIRAL INFECTIONS
• METHODE DE TRAITEMENT D'INFECTIONS VIRALES

- (71) **THOMAS JEFFERSON UNIVERSITY** [US/US]; Suite 630, 1020 Walnut Street, Philadelphia, PA 19107 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BLOCK, Timothy, M.** [US/US]; 90 Foxcroft Drive, Doylestown, PA 18901 (US). **MEHTA, Anand** [US/US]; Brook Circle, Lansdale, PA 19446 (US). **DWEK, Raymond** [GB/GB]; Glycobiology Institute, Department of Biochemistry, University of Oxford, South Parks Road, Oxford, OX1 (GB).
- (74) **RESNICK, David, S. et al. / etc.**; Nixon Peabody LLP, 101 Federal Street, Boston, MA 02110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61K**
(11) **WO 03/037266** (13) A2
(21) PCT/US02/34760
(22) **30 Oct/oct 2002 (30.10.2002)**
(25) en (26) en
(30) 10/000,540 **31 Oct/oct 2001 US (31.10.2001)**
(30) 10/000,007 **31 Oct/oct 2001 US (31.10.2001)**
(30) 10/263,811 **4 Oct/oct 2002 US (04.10.2002)**
(43) 8 May/mai 2003 (08.05.2003)
- (54) • **TETRA-, PENTA-, HEXA- AND HEPTAPEPTIDES HAVING ANTIANGIOGENIC ACTIVITY**
• **TETRA-, PENTA-, HEXA- ET HEPTAPEPTIDES POSSEDANT UNE ACTIVITE ANTI-ANGIOGENIQUE**
- (71) **ABBOTT LABORATORIES** [US/US]; Dept. 377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).
- (72) **HAVIV, Fortuna**; 1125 Oxford Road, Deerfield, IL 60015 (US). **BRADLEY, Michael, F.**; 2591 Augusta Drive, Wadsworth, IL 60083 (US).
- (74) **STEELE, Gregory, W. et al. / etc.**; Dept 377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **A61K**
(11) **WO 03/037268** (13) A2
(21) PCT/US02/34811
- (71) **CORIXA CORPORATION** [US/US]; 1124 Columbia Street, Suite 200, Seattle, WA 98104 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HENDERSON, Robert, A.** [US/US]; 8904 192nd Street S.W., Edmonds, WA 98026 (US). **WANG, Tongtong** [US/US]; 8049 N.E. 28th Street, Medina, WA 98039 (US). **WATANABE, Yoshihiro** [JP/US]; 2266 78th Avenue S.E., Mercer Island, WA 98040 (US). **KALOS, Michael, D.** [US/US]; 8116 Dayton Avenue N., Seattle, WA 98103 (US). **SLEATH, Paul, R.** [US/US]; 1623 Eighth Avenue W., Seattle, WA 98119 (US). **JOHNSON, Jeffrey, C.** [US/US]; 25828 15th Place S., Des Moines, WA 98198 (US). **RETTNER, Marc, W.** [US/US]; 33402 N.E. 43rd Place, Carnation, WA 98014 (US). **DURHAM, Margarita** [US/US]; 3444 36th Avenue W., Seattle, WA 98199 (US). **CARTER, Darrick** [US/US]; 321 Summit Avenue E., Seattle, WA 98102 (US). **FANGER, Gary, R.** [US/US]; 15906 29th Drive S.E., Mill Creek, WA 98012 (US). **VEDVICK, Thomas, S.** [US/US]; 124 S. 300th Place, Federal Way, WA 98003 (US). **BANGUR, Chaitanya, S.** [IN/US]; 2102 N. 105th Street, Apt. J101, Seattle, WA 98133 (US). **MENABDE, Andria** [US/US]; 3602 N.E. 11th Court, Renton, WA 98056 (US).
- (74) **CHRISTIANSEN, William, T.**; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61K**
(11) **WO 03/037268** (13) A2
(21) PCT/US02/34811
- (22) **30 Oct/oct 2002 (30.10.2002)**
(25) en (26) en
(30) 10/000,681 **31 Oct/oct 2001 US (31.10.2001)**
(30) 10/263,812 **4 Oct/oct 2002 US (04.10.2002)**
(43) 8 May/mai 2003 (08.05.2003)
- (54) • **HEPTA-, OCTA- AND NONAPEPTIDES HAVING ANTIANGIOGENIC ACTIVITY**
• **HEPTA-, OCTA- ET NONAPEPTIDES AYANT UNE ACTIVITE ANTIANGIOGENIQUE**
- (71) **ABBOTT LABORATORIES** [US/US]; Dept. 377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).
- (72) **HAVIV, Fortuna**; 1125 Oxford Road, Deerfield, IL 60015 (US). **BRADLEY, Michael, F.**; 2591 Augusta Drive, Wadsworth, IL 60083 (US).
- (74) **STEELE, Gregory, W. et al. / etc.**; Dept 377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **A61K**
(11) **WO 03/037268** (13) A2
(21) PCT/US02/34811
- (22) **30 Oct/oct 2002 (30.10.2002)**
(25) en (26) en
(30) 10/000,711 **31 Oct/oct 2001 US (31.10.2001)**
(43) 8 May/mai 2003 (08.05.2003)
- (54) • **DI-, TRI-, AND TETRA-PEPTIDES HAVING ANTIANGIOGENIC ACTIVITY**
• **DI-, TRI-, ET TETRAPEPTIDES AYANT UNE ACTIVITE ANTIANGIOGENIQUE**
- (71) **ABBOTT LABORATORIES** [US/US]; Dept. 377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).
- (72) **HAVIV, Fortuna**; 1125 Oxford Road, Deerfield, IL 60015 (US). **BRADLEY, Michael, F.**; 2591 Augusta Drive, Wadsworth, IL 60083 (US).
- (74) **STEELE, Gregory, W. et al. / etc.**; Dept 377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).
- (81) CA JP MX.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ A61K

(11) WO 03/037270 (13) A2

(21) PCT/US02/34822

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/340,893 30 Oct/oct 2001 US
(30.10.2001)(30) Not furnished / 29 Oct/oct 2002 US
non communiqué (29.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • WATERLESS HAND CLEANER CON-
TAINING NATURAL ESSENTIAL OIL

- PRODUIT DE LAVAGE DE MAIN SANS EAU CONTENANT UNE HUILE ESSENTIELLE NATURELLE

(71) ADVANCED CHEMISTRY AND TECH-
NOLOGY, 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) WILLARD, Dean, M. [US/US]; Suite
13C, 100 Central Park South, New York, NY
10017 (US). BARRAZA, George [US/US];
260 Deercliff Road, Avon, CT 06001 (US).
ZOOK, Jonathan, D. [US/US]; 20303 High
Point Place, Santa Clarita, CA 91351 (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 SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 A61K

(11) WO 03/037271 (13) A2

(21) PCT/US02/34845

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/340,663 30 Oct/oct 2001 US
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • COMPOUNDS, PHARMACEUTICAL
COMPOSITIONS AND METHODS OF
USE THEREFOR

- COMPOSES, COMPOSITIONS PHAR-
MACEUTIQUES ET METHODES
D'UTILISATION

(71) MILLENNIUM PHARMACEUTICALS,
INC. [US/US]; 75 Sidney Street, Cambridge,
MA 02139 (US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) GHOSH, Shomir [IN/US]; 111 Browne
Street #1, Brookline, MA 02446 (US).
PATANE, Michael, A. [US/US]; 7 DouglasLane, Andover, MA 01810 (US). CARSON,
Kenneth, G. [US/US]; 21 Sterling Road,
Needham, MA 02194 (US). CHI, I-Cheng,
Shannon [US/US]; 143 King Street, Red-
wood City, CA 94062 (US). YE, Qing
[CA/US]; 313 Diconzo Boulevard, Marlbor-
ough, MA 01752 (US). ELDER, Amy, M.
[US/US]; 15 Westminster Avenue, Arling-
ton, MA 02474 (US). JENKINS, Tracy, J.
[CA/US]; 44 Vincent Avenue, Belmont, MA
02478 (US).(74) CARROLL, Alice, O. et al. / etc.; Hamilton,
Brook, Smith & Reynolds, P.C., 530 Virginia
Road, P.O. Box 9133, Concord, MA 01742-
9133 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 A61K

(11) WO 03/037272 (13) A2

(21) PCT/US02/35094

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/330,870 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • THYMOSIN ALPHA 1 PEPTIDE/POLY-
MER CONJUGATES

- CONJUGUES DE POLYMERES/PEP-
TIDES THYMOSINE ALPHA 1

(71) SCICLONE PHARMACEUTICALS,
INC. [US/US]; 901 Mariners Island Boul-
evard, Suite 315, San Mateo, CA 94404 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) RUDOLPH, Alfred, R. [US/US]; 14142
Liddicoat Drive, Los Altos Hills, CA 94022
(US). TUTHILL, Cynthia, W. [US/US]; 645
Woodland Avenue, Menlo Park, CA 94025
(US).(74) REPPER, George, R. et al. / etc.; Rothwell,
Figg, Ernst & Manbeck, P.C., 1425 K Street,
N.W., Suite 800, Washington, DC 20005
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 A61K

(11) WO 03/037273 (13) A2

(21) PCT/US02/35164

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 10/003,352 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF USE OF ERYTHROPOI-
ETIN TO TREAT ISCHEMIC ACUTE
RENAL FAILURE

- METHODE D'UTILISATION DE
L'ERYTHROPOIETINE POUR TRAI-
TER L'INSUFFISANCE RENALE
ISCHEMIQUE AIGUE

(71) UNIVERSITY OF UTAH RESEARCH
FOUNDATION [US/US]; Suite 110, 615
Arapéen Drive, Salt Lake City, UT 84108
(US).(72) WESTENFELDER, Christof; 702 N.
Cortez Street, Salt Lake City, UT 84103
(US).(74) BUCHANAN, J., Matthew; Brinks Hofer
Gilson & Lione, P.O. Box 10087, Chicago, IL
60610 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 A61K

(11) WO 03/037274 (13) A2

(21) PCT/US02/35172

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/335,958 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PYRAZOLE-AMIDES AND-SULFON-
AMIDES

- PYRAZOLE-AMIDES ET -SULFONA-
MIDES

(71) ICAGEN, INC. [US/US]; Suite 460, 4222
Emperor Boulevard, Durham, NC 27703
(US).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) ATKINSON, Robert, Nelson [US/US];
11908 Radner Way, Raleigh, NC 27613 (US).
GROSS, Michael, Francis [US/US]; 6200
Chesden Drive, Durham, NC 27713 (US).(74) MANN, Jeffrey, S. et al. / etc.; Townsend
Townsend and Crew LLP, Two Embarcadero
Center, 8th Floor, San Francisco, CA 94111
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT 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 A61K

(11) WO 03/037275 (13) A2

(21) PCT/US02/36426

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 60/335,512 31 Oct/oct 2001 US
(31.10.2001)

(30) 60/369,715 3 Apr/avr 2002 US
(03.04.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • COMPOSITIONS AND METHODS FOR
VIRAL DELIVERY

• COMPOSITIONS AND METHODS FOR
VIRAL DELIVERY

(71) CORIXA CORPORATION [US/US];
Suite 200, 1124 Columbia Street, Seattle, WA
98104 (US).

(72) MOSSMAN, Sally, P.; 2815 Northwest 58th
Street, Seattle, WA 98107 (US). EVANS,
Lawrence, S.; 6521 36th Avenue Southwest,
Seattle, WA 98126 (US). SWANSON, Ryan,
Michael; 11310 17th Avenue Northeast,
Seattle, WA 98125 (US).

(74) ACKERMAN, Joel, G. et al. / etc.;
Townsend and Townsend and Crew LLP,
8th Floor, Two Embarcadero Center, San
Francisco, CA 94111 (US).

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

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

(51)⁷ A61K 6/00, 9/00

(11) WO 03/037276 (13) A1

(21) PCT/US02/30748

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 10/001,251 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DELIVERY OF HYDROGEL COMPOSI-
TIONS AS A FINE MIST

• DISTRIBUTION D'UN HYDROGEL
SOUS FORME DE BROUILLARD FIN

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

(72) OXMAN, Joel, D.; Post Office Box 33427,
Saint Paul, MN 55133-3427 (US). MITRA,
Sumita, B.; Post Office Box 33427, Saint
Paul, MN 55133-3427 (US).

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

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

Declarations / Déclarations :

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

(t) for all designations / pour toutes les
designations

(51)⁷ A61K 7/00

(11) WO 03/037277 (13) A1

(21) PCT/EP02/11792

(22) 22 Oct/oct 2002 (22.10.2002)

(25) de (26) de

(30) 101 52 304.1 26 Oct/oct 2001 DE
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • COSMETIC AND DERMATOLOGI-
CAL FORMULATIONS CONTAINING
GLYCERIN BASED ON OIL-IN-WATER
EMULSIONS

• PREPARATIONS COSMETIQUES ET
DERMATOLOGIQUES CONTENANT
DE LA GLYCERINE SUR LA BASE
D'EMULSIONS HUILE DANS EAU

(71) BEIERSDORF AG [DE/DE]; 6713-
Patentabteilung, Unnastrasse 48, 20245
Hamburg (DE).

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

(72, 75) NIELSEN, Jens [DE/DE]; Adler-
horst 20d, 24558 Hensstedt-Ulzburg (DE).
KRÖPKE, Rainer [DE/DE]; Achterndiek
23, 22869 Schenefeld (DE).

(74) BEIERSDORF AG; 6713-Patentabteilung,
Unnastrasse 48, 20245 Hamburg (DE).

(81) JP US.

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

Published / Publiée : (c)

(51)⁷ A61K 7/06, 7/48, 7/50

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(21) PCT/EP02/11750

(22) 21 Oct/oct 2002 (21.10.2002)

(25) de (26) de

(30) 101 53 023.4 26 Oct/oct 2001 DE
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SURFACTANT-CONTAINING COS-
METIC CLEANING EMULSIONS

• EMULSIONS NETTOYANTES COS-
METIQUES CONTENANT DES PRIN-
CIPES ACTIFS

(71) BEIERSDORF AG [DE/DE]; Unnastrasse
48, 20245 Hamburg (DE).

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

(72, 75) RUPPERT, Stephan [DE/DE]; Linde-
nallee 63, 20259 Hamburg (DE). KOHUT,
Michaela [DE/DE]; Methfesselstrasse 58,
20257 Hamburg (DE).

(74) BEIERSDORF AG; Unnastrasse 48, 20245
Hamburg (DE).

(81) JP US.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 7/06, 7/48

(11) WO 03/037279 (13) A1

(21) PCT/FR02/03664

(22) 24 Oct/oct 2002 (24.10.2002)

(25) fr (26) fr

(30) 01/14059 30 Oct/oct 2001 FR
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • USE OF A POLYMER WITH HY-
DROPHOBIC GROUPS AS A THICK-
ENING OR GELLING AGENT, A
COMPOSITION CONTAINING SAME
AND THE ASSOCIATED GELATION
METHOD

• UTILISATION D'UN POLYMERE A
GROUPES HYDROPHOBES EN TANT
QU'ÉPAISSISSANT OU GELIFIANT,
COMPOSITION LE CONTENANT, ET
PROCÉDE DE GELIFICATION

(71) L'OREAL [FR/FR]; 14, rue Royale,
F-75008 Paris (FR).

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

(72, 75) GHANDCHI, Peyman [IR/FR]; 20, rue
du Commandant Mouchotte, F-75014 Paris

(FR). QUINN, Francis, Xavier [IE/FR]; 25, rue Gay Lussac, F-75005 Paris (FR).

(74) BUREAU D.A. CASALONGA-JOSSE; 8, avenue Percier, F-75008 Paris (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A61K 7/06, 7/48, 7/50

(11) WO 03/037280 (13) A1

(21) PCT/US02/33843

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 60/340,989 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ANHYDROUS COSMETIC COMPOSITIONS CONTAINING QUATERNARY AMMONIUM COMPOUNDS

• COMPOSITIONS COSMETIQUES ANHYDRES CONTENANT DES COMPOSES D'AMMONIUM QUATERNAIRE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; 1 Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) UCHIDA, Mikio; 4-1-204 Shinnozuka-cho, Ashiya, Hyogo 659-0016 (JP). AZUMA, Misa; 3-25-9 Fukumanji-cho Minami, Yao, Osaka 581-0843 (JP). NAKAJIMA, Kumiko; 2-4-2-401 Mikagenakamachi, Higashinada-Ku, Kobe, Hyogo 658-0054 (JP). MITSUMATSU, Arata; 3-34-304, Sannocho Koyoen, Nishinomiya, Hyogo 662-0018 (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 SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ A61K 7/075, 7/48, 7/06

(11) WO 03/037281 (13) A1

(21) PCT/US02/33842

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 60/340,990 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ANHYDROUS COSMETIC COMPOSITIONS CONTAINING POLYOLS

• COMPOSITIONS COSMETIQUES ANHYDRES CONTENANT DES POLYOLS

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) UCHIDA, Mikio; 4-1-204 Shinnozuka-cho, Ashiya, Hyogo 659-0016 (JP). AZUMA, Misa; 3-25-9 Fukumanji-cho Minami, Yao, Osaka 581-0843 (JP). NAKAJIMA, Kumiko; 2-4-2-401 Mikagenakamachi, Higashinada-ku, Kobe, Hyogo 658-0054 (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 SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.

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

Published / Publiée : (c)

Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

(51)⁷ A61K 7/075, 7/50

(11) WO 03/037282 (13) A1

(21) PCT/US02/34938

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 10/035,380 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF USING PERSONAL CARE COMPOSITIONS CONTAINING A HIGH DENSITY, WATER DISINTEGRATABLE, POLYMERIC FOAM

• PROCEDE POUR UTILISER DES COMPOSITIONS DE SOINS PERSONNELS CONTENANT UNE MOUSSE POLYMERE HAUTE DENSITE POUVANT SE DESINTEGRER DANS L'EAU

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) ECCARD, Wayne, Ellis; 7370 State Route 128, Cleves, OH 45002 (US). SMITH, III, Edward, Dewey; 6880 Man-O-War Lane, Mason, OH 45040 (US). WESNER, John, Christopher; 6955 Lakota Ridge Drive, Liberty Township, OH 45011 (US).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A61K 7/16, 7/18

(11) WO 03/037283 (13) A1

(21) PCT/EP02/11998

(22) 27 Oct/oct 2002 (27.10.2002)

(25) en (26) en

(30) 01125924.9 30 Oct/oct 2001 EP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SINGLE-COMPONENT DENTAL COMPOSITION FOR DESENSITISATION OF THE EXPOSED DENTIN

• COMPOSITION DENTAIRE A COMPOSANT UNIQUE UTILISEE DANS LA DESENSIBILISATION DE LA DENTINE DECOUVERTE

(71) ITALMED S.N.C. DI GALLI G. & PACINIG. [IT/IT]; Via Andrea del Castagno, 12, I-50132 Firenze (IT).

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

(72, 75) GALLI, Giovanna [IT/IT]; Via Andrea del Castagno, 12, I-50132 Firenze (IT). PACINI, Gigliola [IT/IT]; Via Nomentana, 256, I-00100 Roma (IT).

(74) CELESTINO, Marco; Viale Giovanni Pisano, 31, I-56123 Pisa (IT).

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

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

Published / Publiée : (c)

(51)⁷ A61K 7/16, 31/12

(11) WO 03/037284 (13) A1

(21) PCT/EP02/12100

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 0126085.0 31 Oct/oct 2001 GB (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ORAL HYGIENE COMPOSITION

- COMPOSITION POUR HYGIENE BUC-CALE

(71) SMITHKLINE BEECHAM P.L.C. [GB/GB]; 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).

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

(72, 75) HYNES, Donal [IE/GB]; 20 Brunel Way, Segensworth East, Fareham, Hampshire P015 5SD (GB).

(74) THOMPSON, Clive, Beresford; Glaxo-SmithKline, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A61K 7/16

(11) WO 03/037285 (13) A1

(21) PCT/GB02/04424

(22) 1 Oct/oct 2002 (01.10.2002)

(25) en (26) en

(30) 0126244.3 1 Nov/nov 2001 GB (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ORAL COMPOSITIONS

- COMPOSITIONS ADMINISTREES PAR VOIE ORALE

(71) INEOS SILICAS LIMITED [GB/GB]; Bank Quay, Warrington, Cheshire WA5 1AB (GB).

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

(72, 75) STANIER, Peter, William [GB/GB]; 66 Grange Way, Elworth, Sandbach, Cheshire CW11 9ES (GB). STEBBING, Simon, Richard [GB/GB]; 53 Kinross Close, Fearnhead, Warrington, Cheshire WA2 0UT (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A61K 7/36, 9/107, 31/53, 33/30

(11) WO 03/037286 (13) A1

(21) PCT/ES02/00498

(22) 22 Oct/oct 2002 (22.10.2002)

(25) es (26) es

(30) P200102409 31 Oct/oct 2001 ES (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • COMPOSITION IN THE FORM OF AN EMULSION THAT CAN BE USED TO TREAT PLANTAR BROMHIDROSIS AND/OR HYPERHIDROSIS

- COMPOSITION SOUS FORME D'EMULSION S'ADAPTANT AU TRAITEMENT DE L'HYPERHIDROSE ET/OU BROMHIDROSE PLANTAIRE

(71) QUIMVERSION, S.L. [ES/ES]; Madre Vedruna, 3-7° - 6°, E-50008 Zaragoza (ES).

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

(72, 75) TANCO SALAS, Jesús [ES/ES]; Madre Vedruna, 3 - 7° - 6°, E-50008 Zaragoza (ES).

(74) COBAS HORCAJO, Susana; Propi, S.L., Jorge Juan, 19 - 3°, E-28001 Madrid (ES).

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

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

(51)⁷ A61K 7/48, 7/50, 7/02, C01B 33/113

(11) WO 03/037287 (13) A1

(21) PCT/EP02/07587

(22) 6 Jul/juil 2002 (06.07.2002)

(25) en (26) en

(30) 101 53 077.3 30 Oct/oct 2001 DE (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • USE OF GRANULATES BASED ON PYROGENICALLY-PRODUCED SILICON DIOXIDE IN COSMETIC COMPOSITIONS

- UTILISATION, DANS DES COMPOSITIONS COSMETIQUES, DE GRANULES A BASE DE DIOXYDE DE SILICIUM PREPARE DE FACON PYROGENE

(71) DEGUSSA AG [DE/DE]; Bennigsenplatz 1, D-40474 Düsseldorf (DE).

(72) HASENZAHN, Steffen; Florscheidstrasse 23, D-63477 Maintal (DE). RIEDEMANN, Heike; Im Geiersrainweg 2c, D-63776 Mömbris (DE). MEYER, Jürgen; Grossostheimer Strasse 51, D-63811 Stockstadt (DE). NEUGEBAUER, Peter; Landgrafenstrasse 22, D-63071 Offenbach (DE).

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

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

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(51)⁷ A61K 7/48

(11) WO 03/037288 (13) A2

(21) PCT/FR02/03693

(22) 28 Oct/oct 2002 (28.10.2002)

(25) fr (26) fr

(30) 01/14033 30 Oct/oct 2001 FR (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • COSMETIC COMPOSITION THAT MIMICS SEBUM AND THE USE THEREOF

- COMPOSITION COSMETIQUE MIMANT LE SEBUM, ET UTILISATIONS

(71) L'OREAL [FR/FR]; 14, rue Royale, F-75008 Paris (FR).

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

(72, 75) CATROUX, Philippe [FR/FR]; 45, rue P. Bert, F-94130 Nogent-sur-Marne (FR). BILLONI, Nelly [FR/FR]; 91, grande rue, F-95760 Valmondois (FR). COTOVIO, José [FR/FR]; 9, rue du Clos Richard, F-77230 Dammartin en Goele (FR). BUAN, Bruno [FR/FR]; 101, rue Pierre et Marie-Curie, F-93170 Bagnolet (FR). RUBINSTENN, Gilles [FR/FR]; 295, rue St. Jacques, F-75005 Paris (FR).

(74) L'OREAL; c/o Allab, Myriam - D.I.P.I., 6, rue Bertrand Sincholle, F-92585 Clichy Cedex (FR).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 A61K 7/48, 31/355

(11) WO 03/037289 (13) A1

(21) PCT/JP02/11151

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 2001-331581 29 Oct/oct 2001 JP
(29.10.2001)

(30) 60/359,334 26 Feb/fév 2002 US
(26.02.2002)

(30) 2002-110106 12 Apr/avr 2002 JP
(12.04.2002)

(30) 60/373,579 19 Apr/avr 2002 US
(19.04.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SKIN PREPARATION COMPRISING A
TOCOPHEROL DERIVATIVE FOR EX-
TERNAL APPLICATION

• PREPARATION POUR USAGE EX-
TERNE S'APPLIQUANT SUR LA PEAU
ET CONTENANT UN DERIVE DE TO-
COPHEROL

(71) SHOWA DENKO K.K. [JP/JP]; 13-9,
Shibadaimon 1-chome, Minato-ku, Tokyo
105-8518 (JP).

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

(72, 75) KATO, Eiko [JP/JP]; c/o SHOWA
DENKO K.K., Corporate R & D Center, 1-1,
Oonodai 1-chome, Midori-ku, Chiba-shi,
Chiba 267-0056 (JP). TSUZUKI, Toshi
[JP/JP]; c/o SHOWA DENKO K.K., Corporate
R & D Center, 1-1, Oonodai 1-chome,
Midori-ku, Chiba-shi, Chiba 267-0056
(JP). TAKATA, Jiro [JP/JP]; 19-14, Iki-
matudai 1-chome, Nishi-ku, Fukuoka-shi,
Fukuoka 819-0044 (JP). KARUBE, Yoshi-
haru [JP/JP]; 6-20 Umebayashi 1-chome,
Jonan-ku, Fukuoka-shi, Fukuoka 814-0144
(JP). MATSUNAGA, Kazuhisa [JP/JP];
19-5-303, Maidashi 2-chome, Higashi-ku,
Fukuoka-shi, Fukuoka 812-0054 (JP).
KOBAYASHI, Shizuko [JP/JP]; 26-9, Fuz-
imidai 2-chome, Nerima-ku, Tokyo 177-0034
(JP).

(74) SHIGA, Masatake et al. / etc.; OR Building,
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 KE KG KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SD
SE SG SI SK SL TJ TM TN TR TT TZ UA
UG US UZ VC VN YU ZA ZM ZW.

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

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

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(51)⁷ A61K 7/48, 31/355

(11) WO 03/037290 (13) A1

(21) PCT/JP02/11152

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 2001-331581 29 Oct/oct 2001 JP
(29.10.2001)

(30) 60/359,334 26 Feb/fév 2002 US
(26.02.2002)

(30) 2002-110107 12 Apr/avr 2002 JP
(12.04.2002)

(30) 60/373,579 19 Apr/avr 2002 US
(19.04.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SKIN PREPARATION COMPRISING A
TOCOPHEROL DERIVATIVE FOR EX-
TERNAL APPLICATION

• PREPARATION POUR USAGE EX-
TERNE S'APPLIQUANT SUR LA PEAU
ET CONTENANT UN DERIVE DE TO-
COPHEROL

(71) SHOWA DENKO K.K. [JP/JP]; 13-9,
Shibadaimon 1-chome, Minato-ku, Tokyo
105-8518 (JP).

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

(72, 75) KATO, Eiko [JP/JP]; c/o SHOWA
DENKO K.K., Corporate R & D Center, 1-1,
Oonodai 1-chome, Midori-ku, Chiba-shi,
Chiba 267-0056 (JP). TSUZUKI, Toshi
[JP/JP]; c/o SHOWA DENKO K.K., Corporate
R & D Center, 1-1, Oonodai 1-chome,
Midori-ku, Chiba-shi, Chiba 267-0056
(JP). TAKADA, Jiro [JP/JP]; 19-14, Iki-
matudai 1-chome, Nishi-ku, Fukuoka-shi,
Fukuoka 819-0044 (JP). KARUBE, Yoshi-
haru [JP/JP]; 6-20 Umebayashi 1-chome,
Jonan-ku, Fukuoka-shi, Fukuoka 814-0144
(JP). MATSUNAGA, Kazuhisa [JP/JP];
19-5-303, Maidashi 2-chome, Higashi-ku,
Fukuoka-shi, Fukuoka 812-0054 (JP).
KOBAYASHI, Shizuko [JP/JP]; 26-9, Fuz-
imidai 2-chome, Nerima-ku, Tokyo 177-0034
(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 KE KG KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SD
SE SG SI SK SL TJ TM TN TR TT TZ UA
UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A61K 7/48, 31/385, 31/205, 31/122, 9/107,
A61P 17/00

(11) WO 03/037291 (13) A1

(21) PCT/SE02/01308

(22) 30 Jun/juin 2002 (30.06.2002)

(25) sv (26) en

(30) 0102380-3 2 Jul/juil 2001 SE
(02.07.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CREAM FOR TREATMENT OF SKIN
INJURED BY THE SUN

• CREME DE SOIN POUR LES PEAUX
ENDOMMAGEES PAR LE SOLEIL

(71) MACRONOVA AB [SE/SE]; Box 754,
S-851 22 Sundsvall (SE).

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

(72, 75) ANDERSSON, Johan [SE/SE]; Nor-
rliidsgatan 25, S-856 41 Sundsvall (SE).
STARLANDER, Ulf [SE/SE]; karlbergsvä-
gen 78, S-113 35 Stockholm (SE). ANDER-
SSON, Björner [SE/SE]; Furuhöjden, S-610
21 Norsholm (SE).

(74) ERIKSSON, Hans; Norrköpings Patentbyrå
KB, Box 2205, S-600 02 Norrköping (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).

(51)⁷ A61K 7/50

(11) WO 03/037292 (13) A1

(21) PCT/EP02/11673

(22) 18 Oct/oct 2002 (18.10.2002)

(25) de (26) de

(30) 101 52 942.2 26 Oct/oct 2001 DE
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DRY COSMETIC WIPES WITH STRUC-
TURED SURFACE

• LINGETTES COSMETIQUES SECHES
A SURFACE STRUCTUREE

(71) COGNIS 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) HENZEN, Hermann [DE/DE];
Rathmacherweg 13, 42781 Haan (DE).
LEONARD, Mark [GB/GB]; 26 Knoll
Road, Bexley, Kent DA5 1AZ (GB).
LAZAROWITZ, Virginia [US/US]; 103
Kimberly Way, Hatfield, PA 19440 (US).
KUBLIK, Heike [DE/DE]; Achterberg 9,

47906 Kempen (DE). SEARLE, Jackie [GB/GB]; 7 May Road, Hawley/Near Datford, Kent DA2 7RU (GB). MORRIS, Timothy [US/US]; 961 Agnes Avenue, Morton, PA 19070 (US).

(81) BR ID JP KR MX US.

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

Declaration / Déclaration :

(t) for the following designations / pour les désignations suivantes : BR ID JP KR MX 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 A61K 7/50

(11) WO 03/037293 (13) A1

(21) PCT/EP02/11674

(22) 18 Oct/oct 2002 (18.10.2002)

(25) de (26) de

(30) 101 52 942.2 26 Oct/oct 2001 DE (26.10.2001)

(30) 101 62 184.1 18 Dec/déc 2001 DE (18.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • IMPREGNATING SOLUTION FOR COSMETIC CLOTHS
• SOLUTION D'IMPREGNATION POUR SERVIETTES A USAGE COSMETIQUE

(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) HENSEN, Hermann [DE/DE]; Rathmacherweg 13, 42781 Haan (DE). LAZAROWITZ, Virginia [US/US]; 103 Kimberly Way, Hatfield, PA 19440 (US). MORRIS, Timothy [US/US]; 861 Agnes Avenue, Morton, PA 19070 (US). KUBLIK, Heike [DE/DE]; Achterberg 9, 47906 Kempen (DE). SEARLE, Jackie [GB/GB]; 7 May Road, Hawley/Near Datford, Kent DA2 7RU (GB). LEONARD, Mark [GB/GB]; 26 Knoll Road, Bexley, Kent DA5 1AZ (GB).

(81) BR ID JP KR MX US.

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

Declaration / Déclaration :

(t) for the following designations / pour les désignations suivantes : BR ID JP KR MX 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 A61K 7/50, C11D 17/04

(11) WO 03/037294 (13) A2

(21) PCT/US02/34939

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 10/033,098 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PERSONAL CARE COMPOSITIONS CONTAINING A WATER-DISINTEGRATABLE POLYMERIC FOAM
• COMPOSITIONS DE SOINS PERSONNELS CONTENANT UNE MOUSSE

POLYMER SE DESAGREGEANT EN PRESENCE D'EAU

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) ECCARD, Wayne, Ellis; 7370 State Route 128, Cleves, OH 45002 (US). SMITH, Edward, Dewy, III; 6880 Man-O-War Lane, Mason, OH 45040 (US). WESNER, John, Christopher; 6955 Lakota Ridge Drive, Liberty Township, OH 45011 (US).

(74) REED, David, T. et al. / etc.; The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

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

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

(51)⁷ A61K 9/00

(11) WO 03/037295 (13) A2

(21) PCT/CA02/01690

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/337,884 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PEG-LIPID CONTAINING FORMULATIONS
• FORMULATIONS CONTENANT UN LIPIDE-POLYETHYLENE GLYCOL

(71) THE GOVERNORS OF THE UNIVERSITY OF ALBERTA [CA/CA]; 222 Campus Tower, 8625 - 112 Street, Edmonton, Alberta T6G 2E1 (CA). QLT INC. [CA/CA]; 887 Great Northern Way, Vancouver, British Columbia V5T 4T5 (CA).

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

(72, 75) ALLEN, Theresa, Mary [CA/CA]; 11223 - 72nd Avenue, Edmonton, Alberta T6G 0B4 (CA). BOCH, Ronald, Erwin [CA/CA]; 3385 Ontario Street, Vancouver, British Columbia V5V 5B9 (CA). BOEY, Anthony, Seng, Kee [CA/US]; c/o Chesapeake Biological Laboratories, Inc., 1111 S. Paca Street, Baltimore, MD 21230 (US).

(74) KINGWELL, Brian, G. et al. / etc.; Smart & Biggar 650 West Georgia Street, Suite 2200 Box 11560, Vancouver Centre (CA).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model /

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

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

(51) A61K 9/00

(11) WO 03/037296 (13) A2

(21) PCT/EP02/12062

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 01125761.5 29 Oct/oct 2001 EP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS AND DOSAGE FORMS FOR IMPROVING THE BIOAVAILABILITY OF THERAPEUTIC AGENTS
• METHODES ET FORMES POSOLOGIQUES PERMETTANT D'AMELIORER LA BIODISPONIBILITE D'AGENTS THERAPEUTIQUES

(71) AVENTIS PHARMA DEUTSCHLAND GMBH [DE/DE]; Brüningstrasse 50, 65929 Frankfurt (DE). LABOPHARM INC. [CA/CA]; 1200 Chomey Blvd., Suite 500, Laval, Quebec H7V 3Z3 (CA).

(72) NJIKI, Laure, Patricia, Ouadji; 10625 Rue Francis, App. 14, H2C 3A5, Montreal (CA).

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

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

(51)⁷ A61K 9/00

(11) WO 03/037297 (13) A2

(21) PCT/GB02/04935

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 0126236.9 1 Nov/nov 2001 GB (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PHOTOSENSITIZER FUNCTIONALISED NANOPARTICLES
• NANOPARTICULES FONCTIONNALISEES COMPORTANT UN PHOTOSENSIBILISANT

(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) **RUSSELL, David, Andrew** [GB/GB]; Riverside Cottage, School Lane, Runhall, Norfolk NR9 4DS (GB). **HONE, Duncan, Christopher** [GB/GB]; 7 Oakcroft Drive, Framlingham Earl, Norwich NR14 7JQ (GB).

(74) **DAVIES, Jonathan, Mark**; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

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

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

(51)⁷ A61K 9/00

(11) WO 03/037298 (13) A2

(21) PCT/JP02/11188

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 2001-330626 29 Oct/oct 2001 JP (29.10.2001)

(30) 2001-330627 29 Oct/oct 2001 JP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BOWEL CLEANSING AGENT
• AGENT DE NETTOYAGE INTESTINAL

(71) **SHIMIZU PHARMACEUTICAL CO., LTD.** [JP/JP]; 235, Miyakami, Shimizu-shi, Shizuoka 424-0911 (JP).

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

(72, 75) **SUGIYAMA, Takayuki** [JP/JP]; 12, Minowa-cho 3-chome, Shimizu-shi, Shizuoka 424-0945 (JP). **SUZUKI, Mayumi** [JP/US]; 10401 Grosvenor Place, #1016, Rockville, MD 20852 (US).

(74) **KUSAMA, Osamu**; KUSAMA PATENT OFFICE, 7F, Iwata Bldg., 5-12, Iidabashi 4-chome, Chiyoda-ku, Tokyo 102-0072 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 9/00, 47/36

(11) WO 03/037299 (13) A1

(21) PCT/SE02/01956

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 0103613-6 30 Oct/oct 2001 SE (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NOVEL FORMULATION
• NOUVELLE FORMULATION

(71) **ASTRAZENECA AB** [SE/SE]; S-151 85 Södertälje (SE).

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

(72, 75) **ECCLESTON, Gillian** [GB/GB]; The University of Strathclyde, 16 Richmond Street, Glasgow, Central Scotland G1 1XQ (GB). **PATERSON, Ronald** [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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Declaration / Déclaration :

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

(51)⁷ A61K 9/00, 47/36

(11) WO 03/037300 (13) A1

(21) PCT/SE02/01957

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 0103722-5 30 Oct/oct 2001 SE (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • GASTRIC RAFT COMPOSITION
• COMPOSITION DE BARRIERE GASTRIQUE

(71) **ASTRAZENECA AB** [SE/SE]; S-151 85 Södertälje (SE).

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

(72, 75) **ECCLESTON, Gillian** [GB/GB]; The University of Strathclyde, 16 Richmond Street, Glasgow, Central Scotland G1 1XQ

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 9/00

(11) WO 03/037301 (13) A2

(21) PCT/US02/34619

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/346,715 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS AND DOSAGE FORMS FOR IMPROVING THE BIOAVAILABILITY OF THERAPEUTIC AGENTS
• PROCEDES ET FORMES GALENIQUES POUR OBTENIR UNE MEILLEURE BIODISPONIBILITE D'AGENTS THERAPEUTIQUES

(71) **KING PHARMACEUTICALS RESEARCH AND DEVELOPMENT, INC** [US/US]; 7001 Weston Parkway, Suite 300, Cary, NC 27513 (US). **LABOPHARM INC.** [CA/CA]; 1200 Chomedey Boulevard, Suite 500, Laval, Quebec H7V 3Z3 (CA).

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

(72, 75) **OUADJI NJIKI, Laure, Patricia** [CA/CA]; 1200 Chomedey Boulevard, Suite 500, Laval, Quebec H7V 3Z3 (CA).

(74) **MANSO, Peter, J.**; Edwards & Angell, L.P., 350 East Las Olas Boulevard, Suite 1150, Ft. Lauderdale, FL 33301 (US).

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

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A61K 9/127, C12Q 1/68, C12P 19/34, C12N 11/04, C07H 21/02, 21/04

(11) WO 03/037302 (13) A1

(21) PCT/US02/34680

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/340,105 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND SYSTEM FOR THE CO-ISOLATION OF COGNATE DNA, RNA AND PROTEIN SEQUENCES AND METHOD FOR SCREENING CO-ISOLATES FOR DEFINED ACTIVITIES

• PROCEDE ET SYSTEME DE CO-ISOLATION DE SEQUENCES D'ADN, ARN ET PROTEINES PARENTS, ET PROCEDES DE CRIBLAGE DE CO-ISOLATS POUR DES ACTIVITES PRECISES

(71, 72) WINDSOR, J. Brian [US/US]; 1006 Banister #609, Austin, TX 78704 (US). LLOYD, Alan, M. [US/US]; 2505 Forest Bend Drive, Austin, TX 78704 (US).

(74) GUST, Kevin; THOMPSON & KNIGHT, L.L.P., 98 San Jacinto Blvd., Suite 1200, 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 (Utility model / modèle d'utilité) DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US 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).

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ A61K 9/14, 9/16, 9/72, 31/58, 31/167

(11) WO 03/037303 (13) A1

(21) PCT/US02/34909

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/336,538 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SPRAY DRYING METHODS AND COMPOSITIONS THEREOF

• PROCEDES DE SECHAGE PAR ATOMISATION ET COMPOSITIONS ASSO-CIEES

(71) INHALE THERAPEUTIC SYSTEMS, INC. [US/US]; 150 Industrial Road, San Carlos, CA 94070 (US).

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

(72, 75) SNYDER, Herman, E. [US/US]; 627 Big Bend, Pacifica, CA 94044 (US). VOSBERG, Michael, J. [US/US]; 343 Fairfield Drive, San Carlos, CA 94070 (US). VARGA,

Christopher, M. [CA/US]; 950 Redwood Shore Parkway Unit F301, Redwood City, CA 94065 (US).

(74) RAFA, Michael, J. et al. / etc.; Inhale Therapeutic Systems, Inc., 150 Industrial Road, San Carlos, CA 94070 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 9/16, 9/26, 9/52, 9/54, 31/7048, 31/7052, A61P 31/04

(11) WO 03/037304 (13) A1

(21) PCT/IB02/04593

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/338,234 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CONTROLLED RELEASE COMPOSITIONS FOR MACROLIDE ANTIMICROBIAL AGENTS

• COMPOSITIONS A LIBERATION CONTROLEE POUR AGENTS ANTIMICROBIENS MACROLIDES

(71) WOCKHARDT LIMITED [IN/IN]; Wockhardt Towers, Bandra Kurla Complex, Bandra (East), Mumbai 400 051 (IN).

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

(72, 75) HUSSAIN, Javed [IN/IN]; Plot No. 8, N8 Cidco, Azad Chowk, Aurangabad 431 003, Maharashtra (IN). KHAPRA, Pankaj [IN/IN]; 14, Pal Apartments, N-2 Cidco, Aurangabad, 431 003 (IN). GOSAVI, Arun, S. [IN/IN]; "Bhakti" C-31, N4, Cidco, New Aurangabad 431 003, Maharashtra (IN).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 9/22

(11) WO 03/037305 (13) A1

(21) PCT/US02/27745

(22) 30 Aug/août 2002 (30.08.2002)

(25) en (26) en

(30) 60/323,630 19 Sep/sep 2001 US (19.09.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FLOW REGULATOR

• REGULATEUR DE DEBIT

(71) DURECT CORPORATION [US/US]; 10240 Bubb Road, Cupertino, CA 95014 (US).

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(72, 75) THEEUWES, Felix [BE/US]; 27350 Altamont Road, Los Altos Hills, CA 94022 (US).

(74) CANNON, Alan, W.; Bozicevic, Field & Francis LLP, 200 Middlefield Road, Suite 200, Menlo Park, CA 94025 (US).

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

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

(51)⁷ A61K 9/72, 31/352, 35/78, 31/135, 31/00, A61P 11/00

(11) WO 03/037306 (13) A2

(21) PCT/GB02/04984

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 0126151.0 31 Oct/oct 2001 GB (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ADMINISTRATION OF MEDICAMENTS BY VAPORISATION

• ADMINISTRATION DE MEDICAMENTS PAR VAPORISATION

(71) GW PHARMA LIMITED [GB/GB]; Porton Down Science Park, Salisbury, Wiltshire SP4 0JQ (GB).

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(72, 75) WHITTLE, Brian, Anthony [GB/GB]; Wortley House, 16 Eastbourne Road, Hornsea, Yorkshire SN3 5HH (GB).

(74) DRAPER, Martyn, John et al. / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A61K 9/72, 47/48

(11) WO 03/037307 (13) A1

(21) PCT/US02/36427

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 60/335,049 30 Oct/oct 2001 US
(30.10.2001)(30) 60/371,457 9 Apr/avr 2002 US
(09.04.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • VOLATILIZATION OF A DRUG FROM AN INCLUSION COMPLEX

- VOLATILISATION D'UN MEDICAMENT A PARTIR D'UN COMPOSE D'INCLUSION

(71) ALEXZA MOLECULAR DELIVERY CORPORATION [US/US]; 1001 E. Meadow Circle, Palo Alto, CA 94303 (US).

(72) SHEN, William, W.; 329 Escondido Road, Apt. 310, Stanford, CA 94305 (US).

(74) ECKMAN, Richard, R. et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 31/00, 31/4409, 31/5513, A61P 25/00, 25/02, 25/16, 25/28, 37/02, 17/02

(11) WO 03/037308 (13) A2

(21) PCT/EP02/12223

(22) 31 Oct/oct 2002 (31.10.2002)

(25) de (26) de

(30) 101 53 605.4 2 Nov/nov 2001 DE
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • UTILIZATION OF INHIBITORS OF RHO-KINASES FOR STIMULATING NERVE GROWTH, INHIBITING SCAR TISSUE FORMATION AND/OR REDUCING A SECONDARY LESION

- UTILISATION D'INHIBITEURS DES RHO-KINASES POUR LA STIMULATION DE LA CROISSANCE NERVEUSE, POUR L'INHIBITION DE LA FORMATION DE TISSUS CICATRICIELS ET/OU POUR LA REDUCTION D'UNE LESION SECONDAIRE

(71) MORPHOCHEM AKTIENGESELLSCHAFT FÜR KOMBINATORISCHE CHEMIE [DE/DE]; Gmünder Strasse 37-37a, 81379 München (DE).
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(72, 75) MIGRAGEN AG [DE/DE]; Spemannstrasse 34, 72076 Tübingen (DE).

MONNIER, Philippe, P. [DE/DE]; Quenstedtstrasse 34, 72076 Tübingen (DE). STAHL, Bernd [DE/DE]; Philosophenweg 15, 72076 Tübingen (DE). MÜLLER, Bernhard, K. [DE/DE]; Fürststrasse 49, 72072 Tübingen (DE). DÖMLING, Alexander [DE/DE]; Franckensteinstrasse 9a, 81243 München (DE). SCHIEBLER, Werner [—/—]; Karlsruher Strasse 15, 65205 Wiesbaden (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 31/00

(11) WO 03/037309 (13) A2

(21) PCT/GB02/04911

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 0126000.9 30 Oct/oct 2001 GB
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • USE OF 4 α PHORBOL

- UTILISATION DE 4-SG(A) PHORBOL

(71) UNIVERSITY COURT OF THE UNIVERSITY OF DUNDEE [GB/GB]; Nethergate, Perth Road, Dundee DD1 4HN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MEHTA, Anil [GB/GB]; Pinchill, Auchterhouse DD3 0QS (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 31/00

(11) WO 03/037310 (13) A2

(21) PCT/US02/17153

(22) 31 May/mai 2002 (31.05.2002)

(25) en (26) en

(30) 10/000,107 30 Oct/oct 2001 US
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INHIBITORS OF ABC DRUG TRANSPORTERS IN MICROBIAL CELLS

- INHIBITEURS DE TRANSPORTEURS DE MEDICAMENT SOUS FORME DE PROTEINES ABC DANS DES CELLULES MICROBIENNES

(71) PAIN THERAPEUTICS, INC. [US/US]; 416 Browning Way, South San Francisco, CA 94080 (US).

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

(72, 75) SCHOENHARD, Grant, L. [US/US]; 151 Fleetwood Drive, San Carlos, CA 94070 (US).

(74) MCNICHOLAS, Janet, M.; McAndrews, Held & Malloy, Ltd., 500 West Madison Street, 34th Floor, Chicago, IL 60661 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 31/00

(11) WO 03/037311 (13) A2

(21) PCT/US02/31836

(22) 3 Oct/oct 2002 (03.10.2002)

(25) en (26) en

(30) 10/021,453 29 Oct/oct 2001 US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR TREATING RETROVIRAL INFECTIONS

- METHODE DE TRAITEMENT D'INFECTIONS RETROVIRALES

(71) UNIROYAL CHEMICAL COMPANY, INC. [US/US]; 199 Benson Road, Middlebury, CT 06749 (US).

(72) LACADIE, John, A.; 64 Brushy Hill Road, Woodbury, CT 06798 (US). PIERCE, James; 68 Oak Hill Drive, Southbury, CT 06488 (US).

(74) REITENBACH, Daniel; Uniroyal Chemical Company, Inc., 199 Benson Road, Middlebury, CT 06749 (US).

(81) AU BR CA CN JP MX.

(51)⁷ A61K 31/00

(11) WO 03/037312 (13) A2

(21) PCT/US02/34898

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/334,751 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • RIBAVIRIN SYRUP FORMULATIONS

- FORMULATIONS DU SIROP DE RIBAVIRINE

(71) **SCHERING CORPORATION** [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).

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

(72, 75) **HEIMBECHER, Susan, K.** [US/US]; 5 Walsh Way, Morris Plains, NJ 07950 (US). **SEQUEIRA, Joel, A.** [US/US]; 6 Mary Ellen Drive, Edison, NJ 08820 (US).

(74) **LIPKA, Robert, J.**; Schering-Plough Corporation, Patent Department-K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).

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

Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

(51)⁷ **A61K 31/00**

(11) **WO 03/037313** (13) A2

(21) PCT/US02/34931

(22) **31 Oct/oct 2002 (31.10.2002)**

(25) en (26) en

(30) 60/334,706 **31 Oct/oct 2001** US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **METHODS FOR THE TREATMENT OF ADDICTION**

• **METHODES DE TRAITEMENT DE LA TOXICOMANIE**

(71) **RECOVERY PHARMACEUTICALS, INC.** [US/US]; Suite 3, 25 Main Street, Wayland, MA 01778 (US).

(72) **FOX, Barbara, S.**; 26 Pemberton Road, Wayland, MA 01778 (US).

(74) **KERNER, Ann-Louise et al.** / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).

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

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

(51)⁷ **A61K 31/00**

(11) **WO 03/037314** (13) A2

(21) PCT/US02/35191

(22) **1 Nov/nov 2002 (01.11.2002)**

(25) en (26) en

(30) 60/344,446 **1 Nov/nov 2001** US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **MEDICAL COMPOSITIONS FOR INTRAVESICAL TREATMENT OF BLADDER CANCER**

• **COMPOSITIONS MEDICALES POUR LE TRAITEMENT INTRAVESICAL DU CANCER DE LA VESSIE**

(71) **NEOTHERAPEUTICS, INC.** [US/US]; 157 Technology Drive, Irvine, CA 92618 (US).

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

(72, 75) **NUIJEN, Bastiaan** [NL/US]; 157 Technology Drive, Irvine, CA 92618 (US). **PFADENHAUER, Ernie** [US/US]; 157 Technology Drive, Irvine, CA 92618 (US). **BEIJEN, Jos, F.** [NL/US]; 157 Technology Drive, Irvine, CA 92618 (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **A61K 31/03**

(11) **WO 03/037315** (13) A1

(21) PCT/KR02/02031

(22) **31 Oct/oct 2002 (31.10.2002)**

(25) en (26) en

(30) 2001/67950 **1 Nov/nov 2001** KR (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **PHARMACEUTICAL COMPOSITION CONTAINING CHALCONE OR ITS DERIVATIVES FOR MATRIX METALLOPROTEINASE INHIBITORY ACTIVITY**

• **COMPOSITIONS PHARMACEUTIQUES CONTENANT DE LA CHALCONE OU SES DERIVES POUR L'ACTIVITE D'INHIBITION D'UNE MATRICE DE METALLOPROTEINASE**

(71) **ANGIOLAB INC.** [KR/KR]; 439-6 Doma2-dong, Seo-gu, 302-735 Daejeon (KR).

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

(72, 75) **KIM, Min-Young** [KR/KR]; Samsung Pureun Apt.111-801, Jeonmin-dong, Yousung-gu, 305-727 Daejeon (KR). **PARK, Byung-Young** [KR/KR]; Parangsae Apt.104-902, Dunsan-dong, Seo-gu, 302-120 Daejeon (KR). **KIM, Kyoung-Mi** [KR/KR]; LG dong-a Apt. 105-302, Hosung-dong, Dukjin-gu, 561-210 Cheonju (KR). **SUNG, Nack-Do** [KR/KR]; Dure Apt.102-704, 152, Sinsung-dong, Yousung-gu, 305-345 Daejeon (KR). **MYUNG, Pyung-Keun** [KR/KR]; Dure Apt.106-304, 152, Sinsung-dong, Yousung-gu, 305-345 Daejeon (KR).

(74) **SHIN, Dong-In**; D.I. International Patent Office, #304, Dukam Bldg., 1457-2, Seocho3-dong, Seocho-gu, Seoul 137-867 (KR).

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

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

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(51)⁷ **A61K 31/12, 31/353, 31/37, 35/78, C07D 311/30, 311/36, 311/38, 311/58, 493/04, 311/18, A61P 3/04, 3/06, 3/10, 9/10, 9/12, 37/02, 43/00**

(11) **WO 03/037316** (13) A1

(21) PCT/JP02/10572

(22) **11 Oct/oct 2002 (11.10.2002)**

(25) ja (26) ja

(30) 2001-313816 **11 Oct/oct 2001** JP (11.10.2001)

(30) 2002-6304 **15 Jan/jan 2002** JP (15.01.2002)

(30) 2002-42466 **20 Feb/fév 2002** JP (20.02.2002)

(30) 2002-226486 **2 Aug/août 2002** JP (02.08.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **PEROXISOME PROLIFERATOR ACTIVATED RECEPTOR LIGANDS AND PROCESS FOR PRODUCING THE SAME**

• **LIGANDS DE RECEPTEURS ACTIVES PAR LE PROLIFERATEUR DE PEROXISOME ET PROCEDE DE FABRICATION CORRESPONDANT**

(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) **MAE, Tatsumasa** [JP/JP]; 861-9, Futamata, Hiraokacho, Kakogawa-shi, Hyogo 675-0111 (JP). **TSUKAGAWA, Misuzu**

- [JP/JP]; 605, Mezondorukashihigashifutami, 515-1, Higashifutami, Futamicho, Akashi-shi, Hyogo 674-0092 (JP). KITA-HARA, Mikio [JP/JP]; 2-20-804, Rikyunishicho 1-chome, Suma-ku, Kobe-shi, Hyogo 654-0067 (JP). NAKAGAWA, Kaku [JP/JP]; 19, Koyamashimohanokicho, Kita-ku, Kyoto-shi, Kyoto 603-8123 (JP). KITAMURA, Shiro [JP/JP]; 10-36-601, Aioicho 1-chome, Akashi-shi, Hyogo 673-0882 (JP). UEDA, Yasuyoshi [JP/JP]; 140-15, Waku, Aboshi-ku, Himeji-shi, Hyogo 671-1227 (JP). KURODA, Minpei [JP/JP]; 31-6-209, Minamitanaka 3-chome, Nerima-ku, Tokyo 177-0035 (JP). MIMAKI, Yoshihiro [JP/JP]; 899-12, Midoricho, Hachioji-shi, Tokyo 193-0932 (JP). SASHIDA, Yutaka [JP/JP]; 20-7, Nanyodai 3-chome, Hachioji-shi, Tokyo 192-0371 (JP).
- (74) YASUTOMI, Yasuo et al. / etc.; Chuo BLDG., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A61K 31/137, 9/12
- (11) WO 03/037317 (13) A1
- (21) PCT/US02/33352
- (22) 18 Oct/oct 2002 (18.10.2002)
- (25) en (26) en
- (30) 60/348,203 26 Oct/oct 2001 US (26.10.2001)
- (30) 10/034,829 27 Dec/déc 2001 US (27.12.2001)
- (30) 32975/02 5 Apr/avr 2002 AU (05.04.2002)
- (30) 2002-145456 11 Apr/avr 2002 JP (11.04.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ALBUTEROL INHALATION SOLUTION, SYSTEM, KIT AND METHOD FOR RELIEVING SYMPTOMS OF PEDIATRIC ASTHMA
- SOLUTION D'INHALATION A BASE D'ALBUTEROL, ET SYSTEME, KIT ET METHODE PERMETTANT DE SOULAGER LES SYMPTOMES DE L'ASTHME PEDIATRIQUE
- (71) DEY, L.P. [US/US]; 2751 Napa Valley Corporation Drive, Napa, CA 94558 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHAUDRY, Imtiaz [US/US]; 76 Golden Gate Circle, Napa, CA 94558 (US). BANERJEE, Partha [US/US]; 108 Rosario Court, San Ramon, CA 94583 (US).
- (74) PARKER, Thomas, J.; 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 31/138, A61P 35/00, A61K 31/704
- (11) WO 03/037318 (13) A1
- (21) PCT/CA02/01651
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 2,360,849 1 Nov/nov 2001 CA (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • USE OF N,N-DIETHYL-2-[-4-(PHENYL-METHYL)-PHENOXY]ETHANAMINE MONOHYDROCHLORIDE (DPPE) IN CANCER THERAPY
- UTILISATION DE N,N-DIETHYL-2-[-4-(PHENYLME-THYL)-PHENOXY]ETHANAMINE MONOHYDROCHLORIDE (DPPE) DANS LA THERAPIE DU CANCER
- (71, 72) VINCENT, Mark [CA/CA]; 121 Timber Drive, London, Ontario N6K 4A2 (CA).
- (74) BBM & CO.; P.O. Box 809, Station B, Ottawa, Ontario K1P 5P9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A61K 31/19, 31/47
- (11) WO 03/037319 (13) A1
- (21) PCT/US02/29713
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) en (26) en
- (30) 60/340,909 29 Oct/oct 2001 US (29.10.2001)
- (30) 60/351,157 23 Jan/jan 2002 US (23.01.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR REDUCING PSA LEVELS
- PROCEDE DE REDUCTION DE NIVEAUX DE PSA
- (71, 72) FISCH, Harry [US/US]; 30 Springdale Road, Scarsdale, NY 10583 (US).
- (74) SCHAEFFER, Ira, J.; Clifford Chance US LLP, 200 Park Avenue, New York, NY 10166 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 31/197, 31/198, 31/7052, 38/00, 31/195, 31/70
- (11) WO 03/037320 (13) A1
- (21) PCT/IB02/04242
- (22) 15 Oct/oct 2002 (15.10.2002)
- (25) en (26) en
- (30) 0126194.0 1 Nov/nov 2001 GB (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PHARMACO-DIETARY PREPARATION HAVING A NUTRITION-SUPPLEMENTING AND NUTRITION-ENHANCING EFFECT
- PREPARATION NUTRACEUTIQUE AYANT UN EFFET DE NUTRITION D'APPOINT ET D'AMELIORATION DE NUTRITION
- (71) NEW TECHNOLOGY RESEARCH LTD. [GB/GB]; Pasa Estate, Road Town, Tortola (VG).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RAGGI, Giuseppe [CH/CH]; Via al Forte, 3, CH-6900 Lugano (CH).
- (74) FIAMMENGHI-DOMENIGHETTI, Delfina; Fiammenghi-Fiammenghi, Via San Gottardo, 15, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 31/235
- (11) WO 03/037321 (13) A1
- (21) PCT/GB02/04933
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en

- (30) 0126157.7 **31 Oct/oct 2001** GB
(**31.10.2001**)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ALKANE DIOL DERIVATIVES AS THERAPEUTIC AGENTS FOR THE TREATMENT OF BONE CONDITIONS
• DERIVES D'ALCANE-DIOLS UTILISES COMME AGENTS THERAPEUTIQUES POUR LE TRAITEMENT DE PATHOLOGIES OSSEUSES
- (71) THE UNIVERSITY COURT OF THE UNIVERSITY OF ABERDEEN [GB/GB]; Regent Walk, Aberdeen, Aberdeenshire AB24 3FX (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RALSTON, Stuart, Hamilton [GB/GB]; Institute of Medical Sciences, Room 2.62:1, University of Aberdeen, Foresterhill, Aberdeen, Aberdeenshire AB25 2ZD (GB). GREIG, Iain, Robert [GB/GB]; Institute of Medical Sciences, Room 2.26, University of Aberdeen, Foresterhill, Aberdeen, Aberdeenshire AB25 2ZD (GB). VAN'T HOF, Robert, Jurgen [NL/GB]; Institute of Medical Sciences, Room 2.21, University of Aberdeen, Foresterhill, Aberdeen, Aberdeenshire AB25 2ZD (GB). ARMOUR, Kenneth, John [GB/GB]; 28 Eason View, York, Yorkshire YO24 2HX (GB).
- (74) BRASNETT, Adrian, H. et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ A61K 31/245, 31/495, A61P 35/02
(11) WO 03/037322 (13) A1
(21) PCT/IB02/04430
(22) 25 Oct/oct 2002 (25.10.2002)
(25) en (26) en
(30) 60/339,032 **30 Oct/oct 2001** US
(**30.10.2001**)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • COMBINATION OF AN ATP-COMPETITIVE INHIBITOR OF BCR/ABL KINASE ACTIVITY AND A TYRPHOSTIN ANALOG
• COMBINAISON D'UN INHIBITEUR ATP COMPETITIF D'ACTIVITE DE KINASE BCR/ABL ET ANALOGUE DE TYRPHOSTINE
- (71) MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH [US/US]; 200 First Street SW, Rochester, MN 55905 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAUFMANN, Scott, H. [US/US]; 6962 Cottonwood Ct. N.W., Rochester, MN 55901 (US). MOW, Benjamin [MY/SG]; Block 170, Gangsa Road, Apartment, 14-40, Singapore 670170 (SG).
- (74) HOXIE, Thomas et al. / etc.; Novartis Pharmaceuticals Corporation, Patent & Trademark Dept., 564 Morris Avenue, Summit, NJ 07901-1027 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LT LU LV MA MD MK MN MX NO NZ OM PH PL PT RO RU SE SG SI SK TJ TM TN TR TT UA US UZ VC VN YU ZA ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
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- (51)⁷ A61K 31/336, 31/435, 31/495, 31/197
(11) WO 03/037323 (13) A2
(21) PCT/EP02/11913
(22) 24 Oct/oct 2002 (24.10.2002)
(25) en (26) en
(30) 60/330,647 **26 Oct/oct 2001** US
(**26.10.2001**)
(30) 60/380,269 **15 May/mai 2002** US
(**15.05.2002**)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • INHIBITORS OF THE FATTY ACID OXIDATION FOR PROPHYLAXIS AND TREATMENT OF DISEASES RELATED TO MITOCHONDRIAL DYSFUNCTION
• INHIBITEURS DE L'OXYDATION DES ACIDES GRAS POUR LA PROPHYLAXIE ET LE TRAITEMENT DES MALADIES LIEES A UN DYSFONCTIONNEMENT MITOCHONDRIAL
- (71) MEDIGENE AG Gesellschaft für Molekularbiologische Kardiologie und Onkologie [DE/DE]; Lochhamer Strasse 11, 82152 Planegg-Martinsried (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HENKEL, Thomas [DE/DE]; Freienfelsstrasse 20 a, 81249 Munich (DE). REHFUESS, Christoph [DE/DE]; Wilramstr. 25, 81669 Munich (DE).
- (74) LEIDESCHER, Thomas et al. / etc.; Zimmermann & Partner, Postfach 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 31/38, A61P 25/28, 43/00
(11) WO 03/037325 (13) A1
(21) PCT/US02/34678
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 60/351,152 **29 Oct/oct 2001** US
(**29.10.2001**)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • HYDROXY SUBSTITUTED AMIDES FOR THE TREATMENT OF ALZHEIMER'S DISEASE
- (51)⁷ A61K 31/352, A61P 25/28
(11) WO 03/037324 (13) A1
(21) PCT/KR02/02010
(22) 29 Oct/oct 2002 (29.10.2002)
(25) ko (26) en
(30) 2001/66810 **29 Oct/oct 2001** KR
(**29.10.2001**)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • USE OF AN OPUNTIA FICUS-INDICA EXTRACT AND COMPOUNDS ISOLATED THEREFROM FOR PROTECTING NERVE CELLS
• UTILISATION D'UN EXTRAIT OPUNTIA FICUS-INDICA ET DE COMPOSES ISOLES DE CELUI-CI POUR PROTEGER DES CELLULES NERVEUSES
- (71) KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY [KR/KR]; #39-1, Hawolgok-2-dong, Seongbuk-gu, 136-791 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEE, Yong Sup [KR/KR]; Dongabulam Apt. 105-1701, #107, Sanggye-3-dong, Nowon-gu, 139-203 Seoul (KR). PARK, Hokoon [KR/KR]; Olympicconsuchon Apt. 318-303, #89, Bangi-dong, Songpa-gu, 138-050 Seoul (KR). JIN, Changbae [KR/KR]; Hage 2-cha Hyundai Apt. 210-204, #288, Hage-dong, Nowon-gu, 139-230 Seoul (KR). KIM, Hyoung Ja [KR/KR]; Woosung Apt. 203-905, #639, Sindorim-dong, Kuro-gu, 152-070 Seoul (KR). CHO, Jungsook [KR/KR]; Donggukdai Kyojikwon Apt. 312, #781-3, Dongchun-dong, 780-190 Kyungju-si, Kyungsangbuk-do (KR). PARK, Mijeong [KR/KR]; LG Life Sciences Ltd., #104-1, Munji-dong, Yuseong-gu, 305-380 Daejeon (KR). SONG, Yunseon [KR/KR]; Daerim Apt. 1-505, #57, Jamwon-dong, Seocho-gu, 137-947 Seoul (KR).
- (74) JANG, Seongku et al. / etc.; 17th Fl., KEC Building, #275-7, Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 31/38, A61P 25/28, 43/00
(11) WO 03/037325 (13) A1
(21) PCT/US02/34678
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 60/351,152 **29 Oct/oct 2001** US
(**29.10.2001**)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • HYDROXY SUBSTITUTED AMIDES FOR THE TREATMENT OF ALZHEIMER'S DISEASE

- AMIDES A SUBSTITUTION HYDROXY POUR LE TRAITEMENT DE LA MALADIE D'ALZHEIMER
- (71) ELAN PHARMACEUTICALS, INC. [US/US]; 800 Gateway Boulevard, South San Francisco, CA 94080 (US). PHARMACIA & UPJOHN COMPANY [US/US]; 301 Henrietta Street, Kalamazoo, MI 49007 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BECK, James, P. [US/US]; 8351 Canary Lane, Kalamazoo, MI 49009 (US).
- (74) SINGER, Christopher, P.; McDonnell Boehnen Hulbert & Berghoff, Suite 3200, 300 South Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A61K 31/40, 31/34, 31/381
- (11) WO 03/037326 (13) A1
- (21) PCT/US02/34839
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 60/336,403 29 Oct/oct 2001 US (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SOLID PHASE SYNTHESIS OF CHEMICAL LIBRARIES
• SYNTHESE EN PHASE SOLIDE DE CHIMIOTHEQUES
- (71) CORVAS INTERNATIONAL, INC. [US/US]; 3030 Science Park Road, San Diego, CA 92121 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PRYOR, Kent, E. [US/US]; 1260 Cleveland Avenue, Unit A121, San Diego, CA 92103 (US). LEWIS, Ronald, D., II [US/US]; 7920 Montongo Circle, San Diego, CA 92126 (US). BROWN, Jason, W. [US/US]; 864 Bangor Street, San Diego, CA 92106 (US).
- (74) SNYDER, Joseph, R. et al. / etc.; Townsend and Townsend and Crew LLP, 2 Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A61K 31/404, A61P 3/04, 3/06, 3/10, C07D 209/38
- (11) WO 03/037328 (13) A1
- (21) PCT/EP02/11919
- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) en (26) en
- (30) 01125380.4 30 Oct/oct 2001 EP (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A61K 31/401, 31/4155, 31/4025, 31/4178, 31/416, 31/427, 31/428, 31/437, 31/454, C07D 207/16, 403/12, 471/04, 413/12, 401/12, 413/14, 417/12, 417/14, 401/14, 409/14, 403/14, 513/04
- (11) WO 03/037327 (13) A1
- (21) PCT/EP02/11711
- (22) 18 Oct/oct 2002 (18.10.2002)
- (25) en (26) en
- (30) 01125338.2 26 Oct/oct 2001 EP (26.10.2001)
- (30) 02018227.5 21 Aug/août 2002 EP (21.08.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • N-SUBSTITUTED PYRROLIDIN DERIVATIVES AS DIPEPTIDYL PEPTIDASE IV INHIBITORS
• DERIVES DE PYRROLIDINE N-SUBSTITUES EN TANT QU'INHIBITEURS DE LA DIPEPTIDYL PEPTIDASE IV
- (71) F. HOFFMANN-LA-ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basle (CH).
- (72) BOEHRINGER, Markus; Dachsweg 4, CH-4313 Mochlin (CH). HUNZIKER, Daniel; Kornfeldstrasse 16, CH-4313 Mochlin (CH). KUEHNE, Holger; Ritterstrasse 85, 79639 Grenzach-Wyhlen (DE). LOEFFLER, Bernd, Michael; Seilhof 21, 79206 Obberrimsingen (DE). SARABU, Ramakanth; 3 Candlewick Drive, Towaco, NJ 07082 (US). WESSEL, Hans, Peter; Schwarzwaldstrasse 15, 79418 Schliengen (DE).
- (74) WITTE, Hubert; Grenzacherstrasse 124, CH-4070 Basle (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A61K 31/404, 31/437, A61P 25/14
- (11) WO 03/037329 (13) A1
- (21) PCT/IB02/04379
- (22) 21 Oct/oct 2002 (21.10.2002)
- (25) en (26) en
- (30) 60/334,810 31 Oct/oct 2001 US (31.10.2001)
- (30) 60/335,858 26 Nov/nov 2001 US (26.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • NICOTINIC ACETYLCHOLINE RECEPTOR AGONISTS IN THE TREATMENT OF RESTLESS LEGS SYNDROME
• AGONISTES DU RECEPTEUR D'ACETYLCHOLINE NICOTINIQUE POUR TRAITER LES IMPATIENCES DES MEMBRES INFERIEURS
- (71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SALTARELLI, Mario, David [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) LUMB, J., Trevor et al. / etc.; c/o Simpson, Alison, Urquhart-Dykes & Lord, 30 Welbeck Street, London W1G 8ER (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (54) • OXINDOLE HYDRAZIDE MODULATORS OF PROTEIN TYROSINE PHOSPHATASES (PTPS)
• OXINDOLES HYDRAZIDES MODULATEURS DES PROTEINES TYROSINES PHOSPHATASES (PTPS)
- (71) APPLIED RESEARCH SYSTEMS ARS HOLDING N.V. [NL/NL]; Pietermaai 15, NL- Curacao (NL). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BOMBRUN, Agnès [FR/FR]; 1153, route du Salève, F-74560 Monnetier-Mornex (FR). GERBER, Patrick [CH/CH]; Route de L'Abbaye, CH-1138 Villars-sous-Yens (CH). CHURCH, Dennis [CH/CH]; Chemin des Vignes 4, CH-1291 Commugny (CH).
- (74) SERONO INTERNATIONAL S.A. INTELLECTUAL PROPERTY; 12, Chemin des Aulx, CH-1228 Plan-les-Ouates (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 31/415, A61P 29/00, C07D 401/04, 401/14, 405/14, 231/38

(11) WO 03/037330 (13) A1

(21) PCT/IB02/04366

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) 60/335,738 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SULFONYL-AND SULFONYL-HETEROARYL-PYRAZOLES WITH A HYDRAZINYL OR NITROGEN OXIDE SUBSTITUENT AT THE 5-POSITION FOR USE AS CYCLOOXYGENASE INHIBITORS

• SULFONYLPYRAZOLES ET SULFONYL-HETEROARYL PYRAZOLES PRESENTANT UN SUBSTITUANT HYDRAZINYLE OU OXYDE D'AZOTE EN POSITION 5, SERVANT D'INHIBITEURS DE LA CYCLOOXYGENASE

(71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAKYA, Subas, Man [NP/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US). RAST, Bryson [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US).

(74) LUMB, J., Trevor et al. / etc.; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 31/425

(11) WO 03/037331 (13) A1

(21) PCT/CA02/01629

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/330,687 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • USE OF TETRAMISOLE AND ITS DERIVATIVES AGAINST SPORE PRODUCING MICROORGANISMS

• UTILISATION DE TETRAMISOLE ET DE SES DERIVES DANS LA LUTTE CONTRE DES MICRO-ORGANISMES PRODUISANT DES SPORES

(71) BIOPHAGE INC. [CA/CA]; 6100 Avenue Royalmount, Montréal, Québec H4P 2R2 (CA).

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

(72, 75) MANDEVILLE, Rosemonde [CA/CA]; 781 Thibault, Ste-Thérèse, Québec J7E 4B9 (CA). KOURNIKAKIS, Bill [CA/CA]; 69-4th Street SW, Medicine Hat, Alberta T1A 4C9 (CA). BROUSSEAU, Pauline [CA/CA]; 6586 Avenue Louis

Hebert, Montréal, Québec H2G 2G7 (CA).

RICHARD, Lucie [CA/CA]; 12 520, 70e Avenue, Montréal, Québec H1C 1L2 (CA).

(74) ROBIC; 55, St-Jacques, Montréal, Québec H2Y 3X2 (CA).

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

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

(51)⁷ A61K 31/426, C07D 233/90, 233/88, A61K 31/4164, C07D 277/56, 277/54, A61K 31/421, C07D 263/34, 277/26, A61K 31/4196, C07D 249/10, 401/12, A61K 31/415, C07D 231/14, 403/12, 413/12, 417/12

(11) WO 03/037332 (13) A1

(21) PCT/US02/32895

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) 60/329,236 12 Oct/oct 2001 US (12.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PHENYL SUBSTITUTED 5-MEMBERED NITROGEN CONTAINING HETEROCYCLES FOR THE TREATMENT OF OBESITY

• HETEROCYCLES UTILES POUR LE TRAITEMENT DE L'OBESITE

(71) BAYER CORPORATION [US/US]; 100 Bayer Road, Pittsburgh, PA 15205 (US).

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

(72, 75) COISH, Philip, D., G. [CA/US]; 548 Orange Street, Suite 401, New Haven, CT 06511 (US). O'CONNOR, Stephen, J. [US/US]; 977 Little Meadow Road, Guilford, CT 06437 (US). WICKENS, Phillip [CA/US]; 9 Michaels Way, Wallingford, CT 06492 (US). ZHANG, Chengzhi [CA/US]; 193 Mulberry Lane, Orange, CT 06477 (US). ZHANG, Hai-Jun [CN/US]; 260 Pine Street, Middletown, CT 06457 (US).

(74) GREENMAN, Jeffrey, M. et al. / etc.; Bayer Corporation, 400 Morgan Lane, West Haven, CT 06516 (US).

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

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

Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A61K 31/44, 31/381, C07D 213/73, 213/74, 409/04

(11) WO 03/037333 (13) A1

(21) PCT/EP02/11782

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 01125765.6 29 Oct/oct 2001 EP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PYRIDINE DERIVATIVES AS NMDA-RECEPTOR SUBTYPE BLOCKERS

• DERIVES DE PYRIDINE EN TANT QUE BLOQUANTS D'UN SOUS-TYPE DU RECEPTEUR NMDA

(71) F. HOFFMANN-LA ROCHE AG [CH/CH]; 124 Grenzacherstrasse, CH-4070 Basle (CH).

(72) ALANINE, Alexander; 11a, rue de Bâle, F-68440 Schlierbach (FR). BUETTEL-MANN, Bernd; Amselweg 10, 79650 Schopfheim (DE). HEITZ NEIDHART, Marie-Paule; 9, rue du Steinler, F-68220 Hagenthal-le-Bas (FR). PINARD, Emmanuel; 7, rue de Pujo, F-68480 Linsdorf (FR). WYLER, René; Brandschenkestrasse 168, CH-8002 Zuerich (CH).

(74) POPPE, Regina; 124 Grenzacherstrasse, CH-4070 Basle (CH).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A61K 31/44, 31/47, 31/445

(11) WO 03/037334 (13) A1

(21) PCT/US02/34531

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 60/334,856 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR TREATING OR PREVENTING SYMPTOMS OF HORMONAL VARIATION INCLUDING HOT FLASHES

• PROCEDE DE TRAITEMENT OU DE PREVENTION DE SYMPTOMES DE VARIATION HORMONALE COMPRENANT DES BOUFFEES DE CHALEUR

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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(72, 75) ALVES, Stephen, E. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). HAMMOND, Milton, L. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). WRIGHT, Samuel, D. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR 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 MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A61K 31/4439, C07D 401/04, 405/14

(11) WO 03/037335 (13) A1

(21) PCT/IB02/03818

(22) 16 Sep/sep 2002 (16.09.2002)

(25) en (26) en

(30) 60/335,733 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • 5-HETEROATOM-SUBSTITUTED PYRAZOLES

• PYRAZOLES SUBSTITUES A 5 HETEROATOMES

(71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).

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

(72, 75) MINICH, Martha, Lou [US/US]; Pfizer Global Research and Development, Eastern

Point Road, Groton, CT 06340 (US). DEMOLLO, Kristin, Marie, Lundy [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). SAKYA, Subas, Man [NP/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). SHAVNYA, Andrei [BY/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).

(74) LUMB, J., Trevor et al. / etc.; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR 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 MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 31/4439, C07D 1/04

(11) WO 03/037336 (13) A1

(21) PCT/IB02/03833

(22) 16 Sep/sep 2002 (16.09.2002)

(25) en (26) en

(30) 60/335,736 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • 1-(5-SULFONYL-PYRIDIN-2-YL)-5-(METHYLIDENE-CYCLOALKYLMETHOXY)-1H-PYRAZOLE-4-CARBONITRILE DERIVATIVES AND OTHER COMPOUNDS AS CYCLOOXYGENASE INHIBITORS FOR THE TREATMENT OF ARTHRITIS, NEURODEGENERATION AND COLON CANCER

• DERIVES DE 1-(5-SULFONYL-PYRIDIN-2-YL)-5-(METHYLIDENE-CYCLOALKYLMETHOXY)-1H-PYRAZOLE-4-CARBONITRILE ET AUTRES COMPOSES UTILISES EN TANT QU'INHIBITEURS DE LA CYCLOOXYGENASE DANS LE TRAITEMENT DE L'ARTHRITIS, DE LA NEURODEGENERATION ET DU CANCER DU COLON

(71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAKYA, Subas, Man [NP/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). SHAVNYA, Andrei [BY/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).

(74) LUMB, Trevor, J. et al. / etc.; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).

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

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

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

(51)⁷ A61K 31/454, 9/16

(11) WO 03/037337 (13) A1

(21) PCT/EP02/12073

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/339036 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEPOT FORMULATIONS OF ILOPERIDONE AND A STAR POLYMER

• PREPARATIONS DE DEPOT D'ILOPERIDONE ET DE POLYMER EN ETOILE

(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) NORVATIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1235 Vienna (AT). (only for / seulement pour AT)

(72, 75) AHLHEIM, Markus [DE/DE]; Gewerbestrasse 9, 79219 Staufen (DE). LÖFFLER, Rolf [DE/DE]; Hauriweg 5, 79110 Freiburg (DE).

(74) GROS, Florent; Novartis AG, Corporate Intellectual Property, Patent and 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 KR KZ LC LK LT LU LV MA MD MK MN MX NO NZ OM PH PL PT RO RU SE SG SI SK TJ TM TN TR TT UA US UZ VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ A61K 31/454, 31/496, 31/495, 31/4545, 31/506, 31/4523, 31/445, 31/439, A61P 43/00

(11) WO 03/037338 (13) A2

(21) PCT/US02/35269

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/344,485 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MODULATORS OF THE CHOLESTEROL BIOSYNTHETIC PATHWAY

• MODULATEURS DE LA VOIE BIOSYNTHETIQUE DU CHOLESTEROL

(71) VERTEX PHARMACEUTICALS INCORPORATED [US/US]; Patent Department, 130 Waverly Street, Cambridge, MA 02139-4242 (US).

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(72, 75) **BOTFIELD, Martyn** [US/US]; Vertex Pharmaceuticals, Inc., 363 Marlborough Street, Boston, MA 02115 (US). **MCDONALD, Fiona** [DE/DE]; Vertex Pharmaceuticals Inc., Mohrunger Allee 6b, 14055 Berlin (DE). **KRAETZSCHMAR, Joern** [DE/DE]; Kuehleweinstr. 32, 13405 Berlin (DE). **LINDENTHAL, Bernhard** [DE/DE]; Wilkestr. 19, 13507 Berlin (DE). **KREFT, Bertold** [DE/DE]; Claszeile 22, 14165 Berlin (DE).

(74) **GOVINDASWAMY, Nandakumar et al.** / etc.; Vertex Pharmaceuticals Inc., 130 Waverly Street, Cambridge, MA 02139-4242 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 31/47, 31/426, 45/00, A61P 43/00, 31/12, 35/00, 37/02 // C07D 277:22, 215/12

(11) WO 03/037339 (13) A1

(21) PCT/JP02/10804

(22) 17 Oct/oct 2002 (17.10.2002)

(25) ja (26) ja

(30) 2001-338508 2 Nov/nov 2001 JP (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INTERFERON SG(G) PRODUCTION PROMOTER

• PROMOTEUR DE PRODUCTION D'INTERFERON SG(G)

(71) **KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAGAKU KENKYUJO** [JP/JP]; 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP).

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

(72, 75) **KUNIKATA, Toshio** [JP/JP]; c/o Kabushiki Kaisha Hayashibara, Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP). **ISHIHARA, Tatsuya** [JP/JP]; c/o Kabushiki Kaisha Hayashibara, Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP). **KURIMOTO, Masashi** [JP/JP]; c/o Kabushiki Kaisha Hayashibara, Seibutsu Kagaku Kenkyujo, 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (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 A61K 31/485, A61P 35/00

(11) WO 03/037340 (13) A1

(21) PCT/US02/17092

(22) 30 May/mai 2002 (30.05.2002)

(25) en (26) en

(30) 10/003,215 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INHIBITORS OF ABC DRUG TRANSPORTERS IN CANCER CELLS

• INHIBITEURS DE TRANSPORTEURS ABC DE MEDICAMENTS DANS DES CELLULES CANCERIGENES

(71) **PAIN THERAPEUTICS, INC.** [US/US]; 416 Browning Way, South San Francisco, CA 94080 (US).

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

(72, 75) **SCHOENHARD, Grant, L.** [US/US]; 151 Fleetwood Drive, San Carlos, CA 94070 (US).

(74) **MCNICHOLAS, Janet, M.;** McAndrews, Held & Malloy, Ltd., 500 West Madison Street, 34th Floor, Chicago, IL 60661 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 31/496, A61P 13/10

(11) WO 03/037341 (13) A1

(21) PCT/SE02/01990

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 0103668-0 2 Nov/nov 2001 SE (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR THE TREATMENT OF OVERACTIVE BLADDER

• METHODE DE TRAITEMENT D'UNE SURACTIVITE DE LA VESSIE

(71) **ASTRAZENECA AB** [SE/SE]; S-151 85 Södertälje (SE).

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

(72, 75) **BIALECKI, Russell** [US/US]; Astrazeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). **DANTZMAN, Cathy** [US/US]; Astrazeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). **HERZOG, Keith** [US/US]; Astrazeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US).

(74) **GLOBAL INTELLECTUAL PROPERTY;** AstraZeneca AB, S-151 85 Södertälje (SE).

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

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

Declarations / Déclarations :

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

(u) for / pour US only / seulement

(51)⁷ A61K 31/497

(11) WO 03/037342 (13) A1

(21) PCT/US02/34421

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/340,084 29 Oct/oct 2001 US (29.10.2001)

(30) 60/337,887 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF TREATING DEPRESSION WITH DELTA RECEPTOR AGONIST COMPOUNDS

• PROCEDE DE TRAITEMENT DE LA DEPRESSION AVEC DES COMPOSES AGONISTES DU RECEPTEUR DELTA

(71) **ARDENT PHARMACEUTICALS, INC.** [US/US]; Suite 200, 631 United Drive, Durham, NC 27713 (US).

(72) **CHANG, Kwen-Jen;** 104 Sierra Drive, Chapel Hill, NC 27514 (US). **PENDERGAST, William;** 5816 Williamsburg Way, Durham, NC 27713 (US). **GENGO, J., Peter;** 12117 Warwicksire Way, Raleigh, NC 27613 (US).

(74) **HULTQUIST, Steven, J. et al.** / etc.; Intellectual Property/Technology Law, P.O. Box 14329, Research Triangle Park, NC 27709 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 31/505, 31/205

(11) WO 03/037343 (13) A1

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- (22) 7 Oct/oct 2002 (07.10.2002)
- (25) en (26) en
- (30) 01125858.9 30 Oct/oct 2001 EP (30.10.2001)
- (30) 60/333,145 27 Nov/nov 2001 US (27.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • COMPOSITION COMPRISING FOLIC ACID AND CARNITINE USEFUL TO ENHANCE MALE FERTILITY
• COMPOSITION A BASE D'ACIDE FOLIQUE ET DE CARNITINE, FAVORISANT LA FERTILITE MASCULINE

(71) LONZA AG [CH/CH]; Münchensteinerstrasse 38, CH-4002 Basel (CH).
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(72, 75) GAYNOR, Paula [IE/US]; 11B Henry Street, Summit, NJ 07901 (US).

(74) LONZA AG; Münchensteinerstrasse 38, CH-4002 Basel (CH).

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

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

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Declaration / Déclaration :

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

(51)⁷ A61K 31/506, A61P 35/02

(11) WO 03/037344 (13) A1

(21) PCT/CA02/01687

(22) 4 Nov/nov 2002 (04.11.2002)

(25) en (26) en

(30) 60/330,891 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF LEUKEMIA COMPRISING DIOXOLANE NUCLEOSIDES ANALOGS
• COMPOSITIONS PHARMACEUTIQUES DESTINEES AU TRAITEMENT DE LA LEUCEMIE COMPRENANT DES ANALOGUES DE NUCLEOSIDES DIOXOLANE

(71) SHIRE BIOCHEM INC. [CA/CA]; 275 Armand Frappier Boulevard, Laval, Quebec H7V 4A7 (CA).
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(72, 75) JOLIVET, Jacques [CA/CA]; 2235 Maskinonge, Laval, Quebec H7E 4A9 (CA).
GILES, Francis, J. [US/US]; Department of Leukemia - Box 61, M.D. Anderson Cancer Center, 1515 Holcombe Blvd., Houston, TX 77030 (US).
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(74) VAN ZANT, Joan, M. et al. / etc.; OGILVY RENAULT, Suite 1600, 1981 McGill College Avenue, Montreal, Quebec 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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A61K 31/52

(11) WO 03/037345 (13) A1

(21) PCT/US02/31810

(22) 3 Oct/oct 2002 (03.10.2002)

(25) en (26) en

(30) 60/345,892 26 Oct/oct 2001 US (26.10.2001)

(30) 60/335,008 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • PHARMACEUTICAL FORMULATIONS COMPRISING SUBSTITUTED XANTHINE COMPOUNDS
• PREPARATIONS PHARMACEUTIQUES COMPRENANT DES COMPOSES DE XANTHINE SUBSTITUEE

(71) SCICLONE PHARMACEUTICALS, INC. [US/US]; 901 Mariner's Island Boulevard, San Mateo, CA 94404-1593 (US).
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(72, 75) RUDOLPH, Alfred, R. [US/US]; 14142 Liddicoat Drive, Los Altos Hills, CA 94022 (US).
TUTHILL, Cynthia, W. [US/US]; 645 Woodland Avenue, Menlo Park, CA 94025 (US).

(74) ALTMAN, Daniel, E.; Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA

MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ A61K 31/53, C07D 251/18, 251/16, 251/22, 405/12, 403/12

(11) WO 03/037346 (13) A1

(21) PCT/US02/35256

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/330,772 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • 6-PHENYL-N-PHENYL-(1,3,5) -TRIAZINE-2,4-DIAMINE DERIVATIVES AND RELATED COMPOUNDS WITH LYSOPHOSPHATIDIC ACID ACYL-TRANSFERASE BETA (LPAAT-BETA) INHIBITORY ACTIVITY FOR USE IN THE TREATMENT OF CANCER

• DERIVES DE 6-PHENYL-N-PHENYL-(1,3,5)-TRIAZINE-2,4-DIAMINE ET COMPOSES APPARENTES AYANT UN EFFET INHIBITEUR DE L'ACIDE LYSOPHOSPHATIDIQUE ACYL-TRANSFERASE BETA (LPAAT-BETA) ET DESTINES A ETRE UTILISES POUR TRAITER LE CANCER

(71) CELL THERAPEUTICS, INC. [US/US]; Suite 400, 501 Elliott Avenue West, Seattle, WA 98119 (US).

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(72, 75) BHATT, Rama [US/US]; 1810 NE 175th Street, Shoreline, WA 98155 (US).
GONG, Baoqing [US/US]; 2324 N 178th Street, Shoreline, WA 98133 (US).
HONG, Feng [CN/US]; #301, 12316 - 32nd Avenue NE, Seattle, WA 98125 (US).
JENKINS, Scott, A. [US/US]; Apt. 1, 5339 Roosevelt Way NE, Seattle, WA 98105 (US).
KLEIN, J., Peter [US/US]; 18822 Ridge Road SW, Vashon, WA 98070 (US).
KUMAR, Anil, M. [IN/US]; 13701 - 113th Street Court E, Puyallup, WA 98374 (US).
TULINSKY, John [US/US]; Apt. 6, 15 Aloha Street, Seattle, WA 98109 (US).

(74) SHARKEY, Richard, G. et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

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

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

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 31/535, 31/55, A61P 35/02, C07D 498/22, 487/04, 487/14, 519/00
- (11) WO 03/037347 (13) A1
- (21) PCT/EP02/12076
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 60/339,031 30 Oct/oct 2001 US (30.10.2001)
- (30) 60/338,185 7 Dec/déc 2001 US (07.12.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • STAUROSPORINE DERIVATIVES AS INHIBITORS OF FLT3 RECEPTOR TYROSINE KINASE ACTIVITY
- DERIVES DE STAUROSPORINE INHIBITEURS DE L'ACTIVITE TYROSINE KINASE DU RECEPTEUR FLT3
- (71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basle (CH).
(for all designated States except / pour tous les États désignés sauf AT US)
- (71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1235 Vienna (AT).
(only for / seulement pour AT)
- (71) DANA-FARBER CANCER INSTITUTE INC. [US/US]; 44 Binney Street, Boston, MA 02115 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GRIFFIN, James, Douglas [US/US]; 156 Dean Road, Brookline, MA 02445 (US).
MANLEY, Paul, William [GB/CH]; Bruggweg 12, CH-4144 Arlesheim (CH).
- (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 MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ A61K 31/5375, 31/4196, 38/08, 31/557, 9/00
- (11) WO 03/037348 (13) A1
- (21) PCT/GB02/04845
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) en (26) en
- (30) 0126094.2 31 Oct/oct 2001 GB (31.10.2001)
- (30) 60/402,864 9 Aug/août 2002 US (09.08.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ANTAGONISTS OF PROSTAGLANDIN RECEPTORS EP2 AND/OR EP4 FOR

THE TREATMENT OF *DYSMENORRHEA* AND *MENORRHAGIA*

- ANTAGONISTES DE RECEPTEURS DE PROSTAGLANDINE EP2 ET/OU EP4 POUR LE TRAITEMENT DE LA *DYSMENORRHEE* ET DE LA *MENORRHAGIE*
- (71) MEDICAL RESEARCH COUNCIL [GB/GB]; 20 Park Crescent, London W1B 1AL (GB).
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- (72, 75) JABBOUR, Henry, Nicolas [AU/GB]; MRC Human Reproductive Sciences Unit, Centre for Reproductive Biology, The Chancellor's Building, 49 Little France Crescent, Old Dalkeith Road, Edinburgh EH16 4SB (GB).
CRITCHLEY, Hilary, Octavia, Dawn [GB/GB]; Obstetrics and Gynecology, Centre for Reproductive Biology, The Chancellor's Building, 49 Little France Crescent, Old Dalkeith Road, Edinburgh EH16 4SB (GB).
- (74) MILES, John, S.; 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ A61K 31/54, 31/495, 31/50, A61P 11/06, 17/06, 29/00, 37/00
- (11) WO 03/037349 (13) A1
- (21) PCT/EP02/09596
- (22) 28 Aug/août 2002 (28.08.2002)
- (25) en (26) en
- (30) 01125394.5 31 Oct/oct 2001 EP (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • TYPE 4 PHOSPHODIESTERASE INHIBITORS AND USES THEREOF
- INHIBITEURS DE LA PHOSPHODIESTERASE DE TYPE 4 ET LEURS UTILISATIONS
- (71) MERCK PATENT GMBH [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EGGENWEILER, Hans-Michael [DE/DE]; Erbacher Strasse 49, 64287 Darmstadt (DE).
WOLF, Michael [DE/DE]; Nussbaumallee 59, 64297 Darmstadt (DE).
- (74) MERCK PATENT GMBH; Frankfurter Strasse 250, 64293 Darmstadt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 31/55, 9/00, 9/14, 9/20, 47/26, A61P 11/02, 11/06, 27/02
- (11) WO 03/037350 (13) A1
- (21) PCT/EP02/11250
- (22) 8 Oct/oct 2002 (08.10.2002)
- (25) en (26) en
- (30) 101 52 973.2 26 Oct/oct 2001 DE (26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • NEW DRY AND AQUEOUS EPINASTINE-SYRUP-FORMULATION
- NOUVELLE FORMULATION DE SIROP D'ÉPINASTINE SEC ET AQUEUX
- (71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH [DE/DE]; Binger Str. 173, 55216 INGELHEIM (DE).
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- (72, 75) WADA, Koichi [JP/JP]; 2-59-17, Shirogane, Inagawa-cho, KAWABE-GUN, Hyogo 666-0257 (JP).
NAKATANI, Manabu [JP/JP]; 5-16 Matsugaoka-cho, KAWANISHI, Hyogo 666-0037 (JP).
OHKI, Toshimitsu [JP/JP]; 4-25-40, Kanda, IKEDA, Osaka 563-0043 (JP).
TOYOSHIMA, Kenzo [JP/JP]; 7-25, Higashi-asahigaoka, IKOMA, Nara 630-0254 (JP).
- (74) BOEHRINGER INGELHEIM INTERNATIONAL GMBH; Binger Str. 173, 55216 INGELHEIM (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 31/55, 31/551, 31/4439, C07D 401/14
- (11) WO 03/037351 (13) A1
- (21) PCT/IB02/03858
- (22) 16 Sep/sep 2002 (16.09.2002)
- (25) en (26) en
- (30) 60/335,713 2 Nov/nov 2001 US (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • HETEROCYCLO-ALKYLSULFONYL PYRAZOLES AND THEIR USE AS COX-2 INHIBITORS

- HETEROCYCLO-ALKYLSULFONYLE PYRAZOLES ET LEUR UTILISATION COMME INHIBITEURS DE COX-2
- (71) **PFIZER PRODUCTS INC.** [US/US]; Eastern Point Road, Groton, CT 06340 (US).
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- (72, 75) **SAKYA, Subas, Man** [NP/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US). **MINICH, Martha, Lou** [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) **LUMB, J., Trevor et al.** / etc.; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 31/557, C07D 309/30, 405/00**
- (11) **WO 03/037353** (13) A1
- (21) PCT/GB02/04926
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) en (26) en
- (30) 0126075.1 **31 Oct/oct 2001 GB (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IMPROVEMENTS RELATING TO PROSTAGLANDINS AND THEIR ANALOGUES
- AMELIORATIONS APORTEES A DES PROSTAGLANDINES ET LEURS ANALOGUES
- (71) **JOHNSON MATTHEY PUBLIC LIMITED COMPANY** [GB/GB]; 2-4 Cockspur Street, Trafalgar Square, London SW1Y 5BQ (GB).
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- (72, 75) **CLISSOLD, Derek, Wyndham** [GB/GB]; 6 Monkhood Close, Wokingham RG40 5YE (GB).
- (74) **PARABOLA**; 1 Richfield Place, Richfield Avenue, Reading RG1 8EQ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 31/55, 31/551, 31/445, C07D 231/38, 403/04**
- (11) **WO 03/037352** (13) A1
- (21) PCT/IB02/03920
- (22) **23 Sep/sep 2002 (23.09.2002)**
- (25) en (26) en
- (30) 60/336,306 **2 Nov/nov 2001 US (02.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • 1-PHENYL-5-N-HETEROCYCLYL-PYRAZOLES AS CYCLOOXYGENASE INHIBITORS FOR THE TREATMENT OF INFLAMMATION ASSOCIATED DISORDERS
- 1-PHENYL-5-N-HETEROCYCLYL-PYRAZOLES UTILES COMME INHIBITEURS DE CYCLOOXYGENASE POUR LE TRAITEMENT DE TROUBLES ASSOCIES A L'INFLAMMATION
- (71) **PFIZER PRODUCTS INC.** [US/US]; Eastern Point Road, Groton, CT 06340 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MINICH, Martha, Lou** [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US). **SAKYA, Subas, Man** [NP/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) **LUMB, J., Trevor et al.** / etc.; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 31/58**
- (11) **WO 03/037354** (13) A1
- (21) PCT/EP02/11732
- (22) **21 Oct/oct 2002 (21.10.2002)**
- (25) en (26) en
- (30) 01204072.1 **26 Oct/oct 2001 EP (26.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • USE OF (11 β , 17 β)-11-(1,3-BENZODIOXOL-5-YL)-17-HYDROXY-17-(1-PROPYNYL)-ESTRA-4,9-DIEN-3-ONE IN THE TREATMENT OF MAJOR DEPRESSIVE DISORDER
- UTILISATION DE (11S(G)B), 17S(G)B)-11-(1,3-BENZODIOXOL-5-YL)-17-HYDROXY-17-(1-PROPYNYL)-ESTRA-4,9-DIEN-3-ONE DANS LE TRAITEMENT DE TROUBLE DEPRESSIF MAJEUR
- (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) **SENNEF, Cornelis** [NL/NL]; N.V. Organon, P.O. Box 20, NL-5340 BH Oss (NL). **PEETERS, Bernardus, Wijnand, Mathys, Marie** [NL/NL]; N.V. Organon, P.O. Box 20, NL-5340 BH Oss (NL).
- (74) **P.M.G.F. VAN WEZENBEEK**; P.O. Box 20, NL-5340 BH Oss (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CN CO CR CU DM DZ EC GD GE HR HU ID IL IN IS JP KE KP KR LC LK LR LT LV MA MG MK MN MX MZ NO NZ PH PL RO RU SG SI TT UA US UZ VN YU ZA.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- (51)⁷ **A61K 31/78**
- (11) **WO 03/037355** (13) A1
- (21) PCT/GB02/04906
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) en (26) en
- (30) 0126064.5 **30 Oct/oct 2001 GB (30.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • POLYACRYLATE COMPOSITIONS FOR USE IN PROTECTING MUCOSA
- COMPOSITIONS DE POLYACRYLATE DESTINEES A ETRE UTILISEES POUR LA PROTECTION DE LA MUQUEUSE
- (71) **RECKITT BENCKISER HEALTHCARE (UK) LIMITED** [GB/GB]; 103-105 Bath Road, Slough, Berkshire SL1 3UH (GB).
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- (72, 75) **DETTMAR, Peter** [GB/GB]; Tithe House, Tithe Barn Lane, Patrington, Yorkshire HU12 0PE (GB). **FLOCKHART, Ian, Ronald** [GB/GB]; 32, Old Village Road, Little Weighton, Cottingham, Yorkshire HU20 3US (GB).
- (74) **ALLARD, Susan, Joyce et al.** / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH

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

(51)⁷ A61K 31/785, 38/18, 38/19, A61P 31/00

(11) WO 03/037356 (13) A1

(21) PCT/EP02/11923

(22) 24 Oct/oct 2002 (24.10.2002)

(25) de (26) de

(30) 101 52 956.2 26 Oct/oct 2001 DE
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PHARMACEUTICAL PREPARATION
COMPRISING A GROWTH FACTOR
AND/OR A CYTOKINE AND AN AN-
TISEPTIC BIGUANIDE

• COMPOSITION PHARMACEUTIQUE
CONTENANT UN FACTEUR DE
CROISSANCE ET/OU UNE CYTOKINE
ET UN BIGUANIDE ANTISEPTIQUE

(71) FRESENIUS KABI DEUTSCHLAND
GMBH [DE/DE]; Pfingstweide 53, 61159
Friedberg (DE).

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

(72, 75) EICHNER, Wolfram [DE/DE]; Richard
Wagner Str. 12, 35510 Butzbach (DE).
JETHON, Frank [DE/DE]; Am Römischen
Hof 58, 61352 Bad Homburg (DE).

(74) VON MENGES, Albrecht et al. / etc.;
Uexküll & Stolberg, Beselerstrasse 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 SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT 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 A61K 35/78, A01N 65/00

(11) WO 03/037357 (13) A1

(21) PCT/BR02/00144

(22) 17 Oct/oct 2002 (17.10.2002)

(25) en (26) en

(30) PI 0105956-4 18 Oct/oct 2001 BR
(18.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • EMULSIONABLE CONCENTRATE OF
THE ESSENTIAL OIL OF THE EU-
CALYPTUS STAIGERIANA CONTRA
PARASITES

• CONCENTRE EMULSIONNABLE
D'HUILE ESSENTIELLE D'EU-
CALYPTUS STAIGERIANA </I>POU-
VANT ETRE UTILISE POUR LUTTER
CONTRE LES PARASITES

(71) UNIVERSIDADE FEDERAL DE MINAS
GERAIS - UFMG [BR/BR]; Avenida An-
tônio Carlos 6627, 7^o andar - CT & IT, Pam-
pulha, CEP-31270-901 Belo Horizonte, MG
(BR).

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

(72, 75) DE SOUZA CHAGAS, Ana, Carolina
[BR/BR]; Avenida Governador Valadares,
1002, Bairro Manoel Honório, Juiz de Fora,
MG (BR). CERQUEIRA LEITE, Romário
[BR/BR]; Rua Cordilheiras 86, Bairro Ser-
rano, CEP-30882-040 Belo Horizonte, MG
(BR). TEIXEIRA PRATES, Hélio [BR/BR];
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Antônio, CEP-30350-120 Belo Horizonte,
MG (BR).

(74) LACERDA ARAÚJO, Nizete; Univer-
sidade Federal de Minas Gerais, Avenida
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Pampulha, CEP-31270-901 Belo Horizonte,
MG (BR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE 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 1/16, 21/02, 29/00,
31/00, 31/04

(11) WO 03/037358 (13) A1

(21) PCT/CN02/00622

(22) 5 Sep/sep 2002 (05.09.2002)

(25) zh (26) zh

(30) 01134090.8 29 Oct/oct 2001 CN
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A PHARMACEUTICAL COMPOSI-
TION HAVING CHOLAGOGIC AND
LITHOLYTIC EFFECT AND ITS
PREPARATION METHOD

• COMPOSITION PHARMACEUTIQUE
PRESENTANT UN EFFET CHOLA-
GOGUE ET LITHOLYTIQUE ET SON
PROCEDE DE PREPARATION

(71) JIANGSU KANION PHARMACEUTI-
CAL CO., LTD. [CN/CN]; 58 Haichang
South Road, Xipu, Lianyungang, Jiangsu
222001 (CN).

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les États désignés sauf US)

(72, 75) XIAO, Wei [CN/CN]; 58 Haichang
South Road, Xipu, Lianyungang, Jiangsu
222001 (CN). YANG, Yin [CN/CN]; 58
Haichang South Road, Xipu, Lianyungang,
Jiangsu 222001 (CN). LING, Ya [CN/CN];
58 Haichang South Road, Xipu, Lianyun-
gang, Jiangsu 222001 (CN). LI, Minghui
[CN/CN]; 58 Haichang South Road, Xipu,

Lianyungang, Jiangsu 222001 (CN). LIAO,
Zhenggen [CN/CN]; 58 Haichang South
Road, Xipu, Lianyungang, Jiangsu 222001
(CN). ZHANG, Chenfeng [CN/CN]; 58
Haichang South Road, Xipu, Lianyun-
gang, Jiangsu 222001 (CN). CAO, Shubo
[CN/CN]; 58 Haichang South Road, Xipu,
Lianyungang, Jiangsu 222001 (CN).

(74) CCPIT PATENT AND TRADEMARK
LAW OFFICE; Vantone New World Plaza,
8th floor, 2 Fuchengmenwai Street, 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

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

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(51)⁷ A61K 35/78

(11) WO 03/037359 (13) A1

(21) PCT/CN02/00763

(22) 29 Oct/oct 2002 (29.10.2002)

(25) zh (26) zh

(30) 01129010.2 29 Oct/oct 2001 CN
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NANOPARTICLE OF INSOLUBLE
MEDICINAL COMPONENTS AND
METHOD TO PRODUCE THEREOF

• NANOPARTICULE DE COMPOSANTS
DE MEDICAMENTS INSOLUBLES ET
PROCEDE DE PRODUCTION CORRES-
PONDANT

(71) CHENGDU SOMO NAMOTECHNOL-
OGY CO., LTD. [CN/CN]; Xi Section,
Gaoxinxi Area, Chengdu City, Sichuan
610041 (CN).

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les États désignés sauf US)

(72, 75) ZHU, Bin [CN/CN]; Ro.202 Building 4,
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(CN). ZHANG, Iiyun [CN/CN]; 2-3-202
No.8, Zhixinbei Street, Shuangnan Area,
Chengdu, Sichuan 610041 (CN).

(74) CCPIT PATENT AND TRADEMARD
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Fuxingmennei Street, Beijing 100031 (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 EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US
UZ VN YU ZA ZW.

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

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

Declaration / Déclaration :

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

(51)⁷ A61K 35/78

(11) WO 03/037360 (13) A1

(21) PCT/US02/34902

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/004,103 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND COMPOSITION FOR REPAIRING AND PROMOTING REGENERATION OF MUCOSAL TISSUE IN THE GASTROINTESTINAL TRACT
• METHODE PERMETTANT DE REPARER LA MUQUEUSE DU TRACTUS GASTRO-INTESTINAL AINSI QUE D'EN STIMULER LA REGENERATION ET COMPOSITION A CET EFFET

(63) US 10/004,103 (CON) 30 Oct/oct 2001 (30.10.2001)

(71, 72) XU, Rongxiang [CN/US]; 505 Los Altos Ave., Arcadia, CA 91007 (US).

(74) ENG, U., P., Peter; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 38/00

(11) WO 03/037361 (13) A2

(21) PCT/DK02/00727

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) PA 2001 01628 2 Nov/nov 2001 DK (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • USE OF TISSUE FACTOR AGONIST OR TISSUE FACTOR ANTAGONIST FOR TREATMENT OF CONDITIONS RELATED TO APOPTOSIS

• UTILISATION D'UN AGONISTE OU D'UN ANTAGONISTE DU FACTEUR TISSULAIRE POUR LE TRAITEMENT D'ETATS ASSOCIES A L'APOPTOSE

(71) NOVO NORDISK A/S [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).

(72) SØRENSEN, Brit, Binow; 1 Marianelundsvej, DK-3460 Birkerød (DK). PETERSEN, Lars, Christian; 4 Havevej, DK-2970 Horsholm (DK).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 38/00

(11) WO 03/037362 (13) A2

(21) PCT/EP02/12075

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 01125812.6 29 Oct/oct 2001 EP (29.10.2001)

(30) 02011073.0 17 May/mai 2002 EP (17.05.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MNK KINASE HOMOLOGOUS PROTEINS INVOLVED IN THE REGULATION OF ENERGY HOMEOSTASIS AND ORGANELLE METABOLISM

• PROTEINES HOMOLOGUES DE MNK KINASE IMPLIQUEES DANS LA REGULATION DE L'HOMÉOSTASE ÉNERGETIQUE ET DU MÉTABOLISME DES ORGANITES

(71) DEVELOGEN AKTIENGESELLSCHAFT FÜR ENTWICKLUNGSBIOLOGISCHE FORSCHUNG [DE/DE]; Rudolf-Wissell-Strasse 28, 37079 Göttingen (DE).

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(72, 75) STEUERNAGEL, Arnd [DE/DE]; Am Kirschberge 4, 37085 Göttingen (DE). EULENBERG, Karsten [DE/DE]; Am Graben 10b, 37079 Göttingen (DE). BRÖNNER, Günter [DE/DE]; Springstrasse 54, 37077 Göttingen (DE). CIOSEK, Thomas [DE/DE]; Gustav-Werner-Strasse 15, 88213 Ravensburg (DE). RUDOLPH, Bettina [DE/DE]; Bodekerstrasse 29, 30161 Hannover (DE). RUDOLPH, Dorothea [DE/DE]; Schillerstrasse 40, 37083 Göttingen (DE). BELGORE, Funmi [GB/DE]; Leibnizstrasse 13, 37083 Göttingen (DE). JÄKEL, Stefan [DE/DE]; Burgstrasse 3, 37073 Göttingen (DE).

(74) WEICKMANN, Franz, Albert et al. / etc.; Weickmann & Weickmann, Postfach 860 820, 81635 München (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 38/00

(11) WO 03/037363 (13) A2

(21) PCT/EP02/12204

(22) 31 Oct/oct 2002 (31.10.2002)

(25) de (26) de

(30) 101 53 601.1 2 Nov/nov 2001 DE (02.11.2001)

(30) 01 130 006.8 17 Dec/déc 2001 EP (17.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NON-NEUROTOXIC PLASMINOGEN ACTIVATING FACTORS FOR TREATING STROKE

• FACTEURS NON NEUROTOXIQUES ACTIVATEURS DU PLASMINOGENE POUR LE TRAITEMENT DE L'ACCIDENT VASCULAIRE CEREBRAL

(71) PAION GMBH [DE/DE]; Martinstrasse 10-12, 52062 Aachen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SÖHNGEN, Mariola [DE/DE]; Von-Coels-Strasse 156, 52080 Aachen (DE). SÖHNGEN, Wolfgang [DE/DE]; Von-Coels-Strasse 156, 52080 Aachen (DE). SCHLEUNING, Wolf-Dieter [DE/DE]; Am Waldpark 28, 13467 Berlin (DE). MEDCALF, Robert [—/AU]; 37 The Ridge, Blackburn, VIC 3130 (AU).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 38/01

(11) WO 03/037364 (13) A1

(21) PCT/JP02/11228

(22) 29 Oct/oct 2002 (29.10.2002)

(25) ja (26) ja

(30) 2001-334120 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INTERLEUKIN-18 INDUCING AGENT
• AGENT INDUCTEUR DE L'INTERLEUKINE-18 (IL-18)

(71) MORINAGA MILK INDUSTRY CO., LTD. [JP/JP]; 33-1, Shiba 5-chome, Minato-ku, Tokyo 108-8384 (JP).

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

(72, 75) HAYASAWA, Hirotohi [JP/JP]; C/O MORINAGA MILK INDUSTRY CO., LTD., Biochemical Research Laboratory, 1-83,

- Higashihara 5-chome, Zama-shi, Kanagawa 228-8583 (JP). TAMURA, Yoshitaka [JP/JP]; C/O MORINAGA MILK INDUSTRY CO., LTD., Nutritional Science Laboratory, 1-83, Higashihara 5-chome, Zama-shi, Kanagawa 228-8583 (JP). MIYAKAWA, Hiroshi [JP/JP]; C/O MORINAGA MILK INDUSTRY CO., LTD., Nutritional Science Laboratory, 1-83, Higashihara 5-chome, Zama-shi, Kanagawa 228-8583 (JP). YAMADA, Akio [JP/JP]; C/O MORINAGA MILK INDUSTRY CO., LTD., Nutritional Science Laboratory, 1-83, Higashihara 5-chome, Zama-shi, Kanagawa 228-8583 (JP). KUHARA, Tetsuya [JP/JP]; C/O MORINAGA MILK INDUSTRY CO., LTD., Biochemical Research Laboratory, 1-83, Higashihara 5-chome, Zama-shi, Kanagawa 228-8583 (JP). OCHI, Hiroshi [JP/JP]; C/O MORINAGA MILK INDUSTRY CO., LTD., Nutritional Science Laboratory, 1-83, Higashihara 5-chome, Zama-shi, Kanagawa 228-8583 (JP).
- (74) TOYAMA, Tsutomu et al. / etc.; Yokoyama Building 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).
- (81) AU CA HU KR NO NZ US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ A61K 38/18, 38/19
- (11) WO 03/037365 (13) A1
- (21) PCT/US02/34968
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 60/335,341 1 Nov/nov 2001 US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS AND COMPOSITIONS FOR TREATING VASCULAR LEAK USING HEPATOCYTE GROWTH FACTOR
- PROCEDES ET COMPOSITIONS POUR TRAITER LA FUITE VASCULAIRE AU MOYEN DU FACTEUR DE CROISSANCE HEPACYTOTAIRE
- (71) THE JOHNS HOPKINS UNIVERSITY [US/US]; Suite 906, 111 Market Place, Baltimore, MD 21202 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GARCIA, Joseph, G., N. [US/US]; 2003 McKinnon Lane, Pasadena, MD 21122 (US).
- (74) ALEXANDER, John, B. et al. / etc.; Dike, Bronstein, Roberts & Cushman, Intellectual Property Group of Edwards & Angell, L, LP, P.O. Box 9169, Boston, MA 02219 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/037367 (13) A2
- (21) PCT/EP02/11899
- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) en (26) en
- (30) 101 52 307.6 26 Oct/oct 2001 DE (26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • NOVEL BACTERIAL POULTRY DISEASE
- MALADIE BACTERIENNE DE VOLAILLE
- (71) BOEHRINGER INGELHEIM VETMEDICA S.A. DE C.V. [MX/MX]; Calle 30 No. 2614, Zona Industrial, Guadalajara, Jalisco 44940 (MX).
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- (72, 75) VAZQUEZ, Maria, Elena [MX/MX]; Rio Autlan No. 2034, Colonia Atlas, Guadalajara, Jalisco (MX). CAMPOGARRIDO, Raul [MX/MX]; San Ernesto No. 194, Colonia Jardines de San Ignacio, Zapopan, Jalisco (MX). GONZALES-HERNANDEZ, Carlos [MX/MX]; Privada Comonfort No. 74, Hda. del Sur,
- Jalisco 45645 (MX). SIVANANDAN, Vaithianathan [US/US]; 213 Turf Cove, Austin, TX 78748 (US).
- (74) BOEHRINGER INGELHEIM PHARMA KG; Binger Str. 173, 55216 Ingelheim am Rhein (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/037368 (13) A2
- (21) PCT/EP02/12221
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 011 26 140.1 2 Nov/nov 2001 EP (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SMAD7 INHIBITORS FOR THE TREATMENT OF CNS DISEASES
- INHIBITEURS SMAD7 UTILISES DANS LE TRAITEMENT DE MALADIES CNS
- (71) RIBOPHARMA AG [DE/DE]; Fritz-Hornschuch-Str. 9, 95326 Kulmbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) STEINBRECHER, Andreas [DE/DE]; Ramwoldstr. 10a, 93053 Regensburg (DE).
- (72, 75) GIEGERICH, Gerhard [DE/DE]; Hauptstr. 18a, 93096 Köfering (DE). KLEITER, Ingo [DE/DE]; Fuchsen gang 6, 93047 Regensburg (DE). HORN, Markus [DE/DE]; Goriweg 11, 93161 Sinzing (DE). APFEL, Rainer [DE/DE]; Eilsbrunner Str. 22, 93161 Sinzing (DE). KREUTZER, Roland [DE/DE]; Glotzdorf 26, 95466 Weidenberg (DE). LIMMER, Stefan [DE/DE]; Gutenbergstrasse 9, 95512 Neudrossenfeld (DE). VORNLOCHER, Hans-Peter [DE/DE]; Lise-Meitner-Platz 4, 95448 Bayreuth (DE).
- (74) VOSSIUS & PARTNER; Siebertstr. 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A61K 39/00, 39/02, 39/04, 39/38, 39/40, 39/395, C12Q 1/00, G01N 33/53, 33/531, 33/532, 33/566

(11) WO 03/037369 (13) A1

(21) PCT/US02/35002

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/335,253 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A RAPID SEROLOGICAL TEST FOR PARATUBERCULOSIS USING FLUORESCENCE POLARIZATION TECHNOLOGY

• EPREUVE SEROLOGIQUE RAPIDE RELATIVE A LA PARATUBERCULOSE, FAISANT INTERVENIR UNE TECHNIQUE DE POLARISATION DE FLUORESCENCE

(71) DIACHEMIX LLC [US/US]; 223 North Water Street, Suite 500, Milwaukee, WI 53202 (US).

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(72, 75) SURUJBALLI, Om, P. [CA/CA]; 77 Shoreham Avenue, Nepean, Ontario K2G 3X3 (CA). STILWELL, Kathryn, Irene [CA/CA]; 4944 Woodkilton Road, Woodlawn, Ontario K0A 3M0 (CA).

(74) MACHONKIN, Richard, A.; 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 39/07, C07K 16/12, A61P 31/04 // C07K 14/32

(11) WO 03/037370 (13) A2

(21) PCT/GB02/04985

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 0126266.6 1 Nov/nov 2001 GB (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ANTHRAX ANTIGENIC COMPOSITIONS

• COMPOSITIONS ANTIGENIQUES CONTRE LE CHARBON

(71) MICROBIOLOGICAL RESEARCH AUTHORITY [GB/GB]; CAMR, Porton Down, Salisbury SP4 0JG (GB).

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(72, 75) HUDSON, Michael, John [GB/GB]; Microbiological Research Authority, CAMR, Porton Down, Salisbury SP4 0JG (GB). ROBINSON, Andrew [GB/GB]; Microbiological Research Authority, CAMR, Porton Down, Salisbury SP4 0JG (GB). SILMAN, Nigel [GB/GB]; Microbiological Research Authority, CAMR, Porton Down, Salisbury SP4 0JG (GB). HALLIS, Bassam [GB/GB]; Microbiological Research Authority, CAMR, Porton Down, Salisbury SP4 0JG (GB). PENN, Charles [GB/GB]; Microbiological Research Authority, CAMR, Porton Down, Salisbury SP4 0JG (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 39/39, A61P 31/00, 37/00

(11) WO 03/037371 (13) A2

(21) PCT/EP02/12102

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 01870233.2 31 Oct/oct 2001 EP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AMP-KINASE AGONISTS OR ADENOSINE PRO-DRUGS AS IMMUNO-STIMULATING AGENTS

• AGONISTES DE KINASE AMP OU PROMEDICAMENTS D'ADENOSINE EN TANT QU'AGENTS IMMUNOSTIMULANTS

(71) UNIVERSITE LIBRE DE BRUXELLES [BE/BE]; Route de Lennik 808, B-1070 Bruxelles (BE).

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

(72, 75) LEO, Oberdan [IT/BE]; Rue J.B. De Keyzer 32, B-1970 Wezembeek-Oppem (BE). BAUS, Erika [BE/BE]; Rue du Long Chene 11, B-1970 Wezembeek-Oppem (BE).

(74) BRANTS, Johan, Philippe, Emile; De Clercq, Brants & Partners cv, Edgard Gevaertdreef 10a, B-9830 Sint-Martens-Latem (BE).

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

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

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 39/395

(11) WO 03/037372 (13) A1

(21) PCT/RU02/00377

(22) 6 Aug/août 2002 (06.08.2002)

(25) ru (26) ru

(30) 2001129325 31 Oct/oct 2001 RU (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR RESTORING DISORDERED PHYSIOLOGICAL PROCESSES AND A MEDICAMENT FOR CARRYING OUT SAID METHOD

• PROCEDE DE RETABLISSEMENT DE PROCESSUS PHYSIOLOGIQUES PERTURBES ET MEDICAMENT

(71, 72) EPSHTEIN, Oleg Ilich [RU/RU]; B.Kazenny per. 4-41, Moscow, 103064 (RU).

(72, 75) KOLYADKO, Tamara Mikhailovna [UA/UA]; ul. Gv.Shironintsev, 18-60, Kharkov, 310120 (UA). SHTARK, Mark Borisovich [RU/RU]; ul. Zolotodolinskaya, 31-41, Novosibirsk, 630098 (RU).

(74) POPOV, Andrei Sergeevich; pr. Sredny-Kislovsky, 7/10-26, Moscow, 103009 (RU).

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

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

(51)⁷ A61K 45/00, A61P 35/00

(11) WO 03/037373 (13) A1

(21) PCT/GB01/04826

(22) 31 Oct/oct 2001 (31.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • USE OF AN EP2 OR EP4 RECEPTOR ANTAGONIST AND/OR A COX-1 INHIBITOR FOR TREATING CERVICAL CANCER

• UTILISATION D'UN ANTAGONISTE DU RECEPTEUR EP2 OU EP4 ET/OU D'UN INHIBITEUR DE LA COX-1 POUR TRAITER UN CANCER CERVICAL

(71) MEDICAL RESEARCH COUNCIL [GB/GB]; 20 Park Crescent, London W1N 4AL (GB).

(72) JABBOUR, Henry, Nicolas; MRC Human Reproductive Sciences Unit, 37 Chalmers Street, Edinburgh EH3 9ET (GB). SALES, Kurt, Jason; MRC Human Reproductive Sciences Unit, 37 Chalmers Street, Edinburgh EH3 9ET (GB). KATZ, Arie; Dept of Medical Biochemistry, Room 106, Physiology

- Building, University of Cape Town Medical School Observatory, 7925 Cape Town (ZA).
- (74) MILES, John, S.; 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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 45/00, 38/13, 31/436, A61P 15/02, A61K 9/06
- (11) WO 03/037374 (13) A1
- (21) PCT/GB02/04979
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 0126253.4 31 Oct/oct 2001 GB (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD OF TREATMENT OF VULVAL VESTIBULITIS
• METHODE DE TRAITEMENT DE LA VESTIBULITE VULVAIRE
- (71) METRIS THERAPEUTICS LIMITED [GB/GB]; 515 Eskdale Road, Winnersh, Wokingham, Berkshire RG41 5TU (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KNOX, Peter [GB/GB]; 515 Eskdale Road, Winnersh, Wokingham, Berkshire RG41 5TU (GB).
- (74) GOODFELLOW, Hugh, Robin; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 45/00, 47/48, 47/32, 47/34, 47/38, 35/74, A61P 43/00
- (11) WO 03/037375 (13) A1
- (21) PCT/JP02/11335
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) ja (26) ja
- (30) 2001-338016 2 Nov/nov 2001 JP (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CYTOKINE-INDUCING MATERIAL AND CYTOKINE-INDUCING INSTRUMENT
• SUBSTANCE D'INDUCTION DE CYTOKINE ET INSTRUMENT D'INDUCTION DE CYTOKINE
- (71) SEKISUI CHEMICAL CO., LTD. [JP/JP]; 4-4, Nishitemma 2-chome, Kita-ku, Osaka-shi, Osaka 530-8565 (JP).
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- (72, 75) SHINMURA, Kazuo [JP/JP]; c/o SEKISUI CHEMICAL CO., LTD., 2-1, Hyakuyama, Shimamoto-cho, Mishima-gun, Osaka 618-8589 (JP). ABE, Yoshiko [JP/JP]; c/o SEKISUI CHEMICAL CO., LTD., 2-1, Hyakuyama, Shimamoto-cho, Mishima-gun, Osaka 618-8589 (JP).
- (74) MIYAZAKI, Chikara et al. / etc.; Nishimura Bldg., 6-5, Tanimachi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).
- (81) AU CA CN KR RU US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ A61K 45/00, 38/00, 39/395, 48/00, A61P 9/10, 37/06
- (11) WO 03/037376 (13) A1
- (21) PCT/JP02/11441
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) ja (26) ja
- (30) 2001-337861 2 Nov/nov 2001 JP (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PREVENTIVES AND/OR REMEDIES FOR POST-TRANSPLANT ARTERIOSCLEROSIS AS REJECTION OF ORGAN TRANSPLANT
• PROPHYLACTIQUES ET/OU REMEDES POUR LE TRAITEMENT DE L'ARTERIOSCEROSE APRES TRANSPLANTATION DANS LE CAS DE REJET DE GREFFE
- (71, 72) EGASHIRA, Kensuke [JP/JP]; 3-5-2-2-101, MOMOCHIHAMA, SAWARA-KU, FUKUOKA-SHI, Fukuoka 814-0001 (JP).
- (72, 75) TAKESHITA, Akira [JP/JP]; 19-15, HIRANODAI 2-CHOME, ONOJOY-SHI, Fukuoka 816-0972 (JP). SATA, Masataka [JP/JP]; 4-40-17-503, NISHIKEBUKURO, TOSHIMA-KU, Tokyo 171-0021 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 47/00, 38/00, A01N 37/18
- (11) WO 03/037378 (13) A1
- (21) PCT/US02/35107
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 10/000,204 1 Nov/nov 2001 US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PREVENTIVES/REMEDIES FOR PROLIFERATIVE ORGAN DISEASES, CHRONIC ARTHRITIC DISEASES, HYPERTROPHIC SCAR OR KLEOID
• AGENTS PROPHYLACTIQUES/THERAPEUTIQUES DESTINES AUX MALADIES DES ORGANES A EVOLUTION CHRONIQUE, AUX MALADIES ARTHRITIC CHRONIQUES, AUX CICATRICES HYPERTROPHIQUES OU CHELOIDES
- (71) TAKEDA CHEMICAL INDUSTRIES, LTD. [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
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- (72, 75) YASUDA, Yoshiko [JP/JP]; 1126-3, Iwakurahaeda-cho, Sakyo-ku, Kyoto-shi, Kyoto 606-0015 (JP). NAKAMURA, Yukio [JP/JP]; 4-28-27, Tamako-cho, Higashimurayama-shi, Tokyo 189-0026 (JP). FUJITA, Yoshihiko [JP/JP]; 3-20, Harumidai 4-cho, Sakai-shi, Osaka 590-0113 (JP).
- (74) AOYAMA, Tamotsu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome., Chuo-ku., Osaka-shi, Osaka 540-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 47/00, 38/00, A01N 37/18
- (11) WO 03/037378 (13) A1
- (21) PCT/US02/35107
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 10/000,204 1 Nov/nov 2001 US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD OF PREVENTING DEVELOPMENT OF SEVERE METABOLIC DERANGEMENT IN INBORN ERRORS OF METABOLISM

• PROCEDE EMPECHANT LE DEVELOPPEMENT D'UN DYSFONCTIONNEMENT METABOLIQUE GRAVE EN RAPPORT AVEC LES ERREURS INNEES DU METABOLISME

(71, 72) KANG, Chunghee, Kimberly [US/US]; 16 Forest Gate Circle, Oak Brook, IL 60523 (US). KANG, David, S. [US/US]; 16 Forest Gate Circle, Oak Brook, IL 60523 (US).

(74) MICHAEL, Carmen, Matos; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

(81) AU CA JP KR.

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

(51)⁷ A61K 47/02, 31/00, 31/60, 31/165, 31/355, A61P 29/00, 39/06, 43/00

(11) WO 03/037379 (13) A1

(21) PCT/EP02/07588

(22) 6 Jul/juillet 2002 (06.07.2002)

(25) en (26) en

(30) 101 53 078.1 30 Oct/oct 2001 DE (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • USE OF GRANULAR MATERIALS BASED ON PYROGENICALLY PRODUCED SILICON DIOXIDE IN PHARMACEUTICAL COMPOSITIONS

• UTILISATION DE MATERIAUX GRANULEUX A BASE DE DIOXYDE DE SILICIUM PRODUIT DE FAÇON PYROGENIQUE DANS DES COMPOSITIONS PHARMACEUTIQUES

(71) DEGUSSA AG [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).

(72) HASENZ AHL, Steffen; Florscheidstrasse 23, 63477 Maintal (DE). MEYER, Jürgen; Grossostheimer Strasse 51, 63811 Stockstadt (DE). HEYM, Jürgen; Hainbühlstrasse 23, 63755 Hörstein (DE).

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

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

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(51)⁷ A61K 47/10, 47/44, 47/24, 9/107, 31/195

(11) WO 03/037380 (13) A1

(21) PCT/US02/35026

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/344,530 1 Nov/nov 2001 US (01.11.2001)

(30) 60/344,580 1 Nov/nov 2001 US (01.11.2001)

(30) 60/348,214 9 Nov/nov 2001 US (09.11.2001)

(30) 10/284,791 31 Oct/oct 2002 US (31.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PARENTERAL CHLORAMBUCIL FOR TREATMENT OF MALIGNANT AND AUTOIMMUNE DISEASE AND METHODS OF USE

• CHLORAMBUCIL PARENTERAL UTILISE DANS LE TRAITEMENT DE MALADIES MALIGNES ET AUTO-IMMUNES, ET PROCEDES D'UTILISATION ASSOCIES

(63) US 60/344,530 (CIP) 1 Nov/nov 2001 (01.11.2001)

US 60/344,580 (CIP) 1 Nov/nov 2001 (01.11.2001)

US 60/348,214 (CIP) 9 Nov/nov 2001 (09.11.2001)

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(72, 75) ANDERSSON, Borje, S. [US/US]; 2632 Carolina Way, Houston, TX 77005 (US). SADEGHI, Taraneh [US/US]; 11824 Westmore Drive, Houston, TX 77077 (US).

(74) LECOINTE, Michelle, M.; Baker Botts L.L.P., Suite 600, 2001 Ross Avenue, Dallas, TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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

(51)⁷ A61K 47/32, 9/00, 31/167, A61P 15/02

(11) WO 03/037381 (13) A1

(21) PCT/EP02/12042

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 60/330,684 29 Oct/oct 2001 US (29.10.2001)

(30) 10/278,912 24 Oct/oct 2002 US (24.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • VAGINALLY ADMINISTERED ANTI-DYSRHYTHMIC AGENTS FOR TREATING PELVIC PAIN AND INFERTILITY

• AGENTS ANTIDYSRHYTHMIQUES ADMINISTRES PAR VOIE VAGINALE UTILISES POUR TRAITER LES DOULEURS PELVIENNES ET LA STERILITE

(71) COLUMBIA LABORATORIES (BERMUDA) LIMITED [—/—]; Rosebank Center, 14 Bermudiana Road, Pembroke HM08 (BM). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEVINE, Howard, L. [US/US]; 107 Balsam Street, Oceanside, NY 11572 (US). BOLOGNA, William, J. [US/FR]; 22, place de Général Catroux, F-75017 Paris (FR). DE ZIEGLER, Dominique [CH/CH]; 22 CH Des Mollies, CH-1293 Geneva (CH).

(74) KEEN, Celia, Mary et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 47/32, 9/00, 33/40, A61P 15/02

(11) WO 03/037382 (13) A1

(21) PCT/EP02/12043

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 60/330,683 29 Oct/oct 2001 US (29.10.2001)

(30) 10/278,910 24 Oct/oct 2002 US (24.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LOW CONCENTRATION OF PEROXIDE FOR TREATING OR PREVENTING VAGINAL INFECTIONS

• FAIBLE CONCENTRATION DE PEROXYDE POUR LE TRAITEMENT OU LA PREVENTION D'INFECTIONS VAGINALES

(71) COLUMBIA LABORATORIES (BERMUDA) LIMITED [—/—]; Rosebank Center, 14 Bermudiana Road, Pembroke HM08 (BM). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOLOGNA, William, J. [US/FR]; 22, place de General Catroux, F-75017 Paris (FR). LEVINE, Howard, L. [US/US]; 107 Balsam Street, Oceanside, NY 11572 (US).

- (74) KEEN, Celia, Mary et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 47/48
(11) WO 03/037383 (13) A1
(21) PCT/US01/48568
(22) 29 Oct/oct 2001 (29.10.2001)
(25) en (26) en
(43) 8 May/mai 2003 (08.05.2003)
(54) • AN ANTINEOPLASTIC- DENDRITIC POLYMER DRUG DELIVERY SYSTEM
• SYSTEME D'ADMINISTRATION D'UN MEDICAMENT CONTENANT UN DENDRIMERE ANTINEOPLASTIQUE
- (63) US 09/111,232 (CIP)
Not furnished / non communiquée
US 09/881,126 (CIP)
Not furnished / non communiquée
- (71) THE DOW CHEMICAL COMPANY [US/US]; 2030 Dow Center, Midland, MI 48674 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MALIK, Navid [GB/GB]; 1 Lynton Road, Kilburn, London NW6 6BD (GB). DUNCAN, Ruth [GB/GB]; 143B Chiltern Court, London NW1 1AX (GB). TOMALIA, Donald, A. [US/US]; 463 West Chippewa River Road, Midland, MI 48640 (US). ESFAND, Roseita [GB/US]; 1206 Glenwood, Mt. Pleasant, MI 48858 (US).
- (74) KIMBLE, Karen, L.; 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61K 47/48
(11) WO 03/037384 (13) A2
(21) PCT/US02/34666
(22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
(30) 60/340,535 29 Oct/oct 2001 (29.10.2001) US
(43) 8 May/mai 2003 (08.05.2003)
(54) • POLYMER CONJUGATES OF PROTEIN KINASE C INHIBITORS
• CONJUGUES POLYMERES D'INHIBITEURS DE PROTEINE KINASE C
- (71) SHEARWATER CORPORATION [US/US]; 490 Discovery Drive, Huntsville, AL 35806-2902 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BENTLEY, Michael, David [US/US]; 4017 Nolen Ave., SE, Huntsville, AL 35801 (US). ZHAO, Xuan [CN/US]; 2805 Southhurst Dr., SE, Huntsville, AL 25803 (US).
- (74) HUMPHREY, Christopher, M.; Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 47/48, 9/00, 31/07, A61P 11/00
(11) WO 03/037385 (13) A1
(21) PCT/US02/36421
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 60/335,043 30 Oct/oct 2001 (30.10.2001) US
(43) 8 May/mai 2003 (08.05.2003)
(54) • WATER-SOLUBLE POLYMER CONJUGATES OF RETINOIC ACID
• CONJUGUES POLYMERES HYDROSOLUBLES D'ACIDE RETINOIQUE
- (71) SHEARWATER CORPORATION [US/US]; 490 Discovery Drive, Huntsville, AL 35806 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BENTLEY, Michael, David [US/US]; 4017 Nolen Avenue, SE, Huntsville, AL 35801 (US). ZHAO, Xuan [CN/US]; 2805 Southhurst Dr., SE, Huntsville, AL 35803 (US). LEACH, Chester [US/US]; P.O. Box 1597, El Granada, CA 94018 (US). KUO, Mei-Chang [US/US]; 1823 Middlefield Road, Palo Alto, CA 94301 (US). CHARAN, Chatan, K. [US/US]; 3047 Cedar Ridge Court, San Jose, CA 95148 (US).
- (74) EVANS, Susan, T. et al. / etc.; Inhale Therapeutic Systems, Inc., 150 Industrial Road, San Carlos, CA 94070 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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
(11) WO 03/037386 (13) A2
(21) PCT/US02/23217
(22) 19 Jul/juil 2002 (19.07.2002)
(25) en (26) en
(30) 09/907,569 19 Jul/juil 2001 (19.07.2001) US
(43) 8 May/mai 2003 (08.05.2003)
(54) • APPARATUS AND METHOD FOR STERILIZATION OF ARTICLES USING CAPILLARY DISCHARGE ATMOSPHERIC PLASMA
• APPAREIL ET PROCEDE DE STERILISATION D'ARTICLES FAISANT APPEL A UNE DECHARGE CAPILLAIRE DE PLASMA ATMOSPHERIQUE
- (71) PLASMION CORPORATION [US/US]; 50 Harrison Street, Hoboken, NJ 07030 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YU, Dong Woo [US/US]; 2 Blanche Avenue, Demarest, NJ 07627 (US). KIM, Steven [US/US]; 228 Blanche Avenue, Harrington Park, NJ 07640 (US).
- (74) BOSWELL, Mary Jane et al. / etc.; Morgan, Lewis & Bockius LLP, 1111 Pennsylvania Avenue, N.W., Washington, DC 20004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61L
(11) WO 03/037387 (13) A2
(21) PCT/US02/34905
(22) 31 Oct/oct 2002 (31.10.2002)
(25) en (26) en
(30) 60/335,193 31 Oct/oct 2001 (31.10.2001) US
(30) Not furnished / non communiqué (31.10.2002) US
(43) 8 May/mai 2003 (08.05.2003)

(54) • AIR PURIFICATION SYSTEM AND METHOD FOR MAINTAINING NITROGEN AND OXYGEN RATIOS WITH REGENERATIVE PURIFICATION UNITS

• SYSTEME DE PURIFICATION D'AIR ET PROCEDE PERMETTANT DE MAINTENIR DES RAPPORTS D'AZOTE ET D'OXYGENE AU MOYEN D'UNITES DE PURIFICATION REGENERATRICES

(71) SAES PURE GAS, INC. [US/US]; 4175 Santa Fe Road, San Luis Obispo, CA 93401 (US).

(71, 72) RABELLINO, Lawrence, A. [US/US]; 9497 Carmel Road, Atascadero, CA 93422 (US). APPELGARTH, Charles, H. [US/US]; 1327 Ironbark Street, San Luis Obispo, CA 93401 (US). SCHLOTTERBECK, Matthew, D. [US/US]; 9150 Santa Cruz Road, Atascadero, CA 93422 (US). VERGANI, Giorgio [IT/IT]; **, ** (IT).

(74) HICKMAN, Paul, L.; Perkins Coie LLP, P.O. Box 2168, Menlo Park, CA 94026-2168 (US).

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

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

(51)⁷ A61L 2/00

(11) WO 03/037388 (13) A2

(21) PCT/US02/34988

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/330,808 31 Oct/oct 2001 US (31.10.2001)

(30) Not furnished / 29 Oct/oct 2002 US non communiqué (29.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEM AND METHOD FOR DE-CONTAMINATING AND/OR SANITIZING

• SYSTEME ET PROCEDE POUR LA DECONTAMINATION ET/OU L'ASSAINISSEMENT

(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). LINDNER, Duane, Lee; c/o Lockheed Martin Federal Systems, 1801 State Route 17C, Owego, NY 13827 (US).

(74) COHEN, Jerry; Perkins, Smith & Cohen, LLP, One Beacon Street, Boston, MA 02108 (US) et al. / etc.

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

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

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

(51)⁷ A61L 2/00

(11) WO 03/037389 (13) A1

(21) PCT/US02/35174

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 10/016,217 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AIR UV DISINFECTION DEVICE AND METHOD

• DISPOSITIF ET PROCEDE DE DESINFECTION DE L'AIR PAR RAYONS UV

(71) REMOTELIGHT, INC. [US/US]; 8824 Stage Ford Road, Raleigh, NC 27615 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HORTON, Isaac, B., III [US/US]; 8824 Stage Ford Rd, Raleigh, NC 27615 (US).

(74) GLASGOW, JiNan; Glasgow Law Firm, PLLC, P.O. Box 28539, Raleigh, NC 27611-8539 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61L 2/08, A61M 25/01, 25/10

(11) WO 03/037390 (13) A1

(21) PCT/US02/34087

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 10/002,933 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF STERILIZING A MEDICAL DEVICE

• METHODE DE STERILISATION D'UN DISPOSITIF MEDICAL

(71) ADVANCED CARDIOVASCULAR SYSTEMS, INC. [US/US]; 3200 Lakeside Drive, Santa Clara, CA 95054-2807 (US).

(72) LEE, Jeong, S.; 23637 East Goldrush Drive, Diamond Bar, CA 91765 (US). WANTINK,

Kenneth, L.; 33583 Vine Way, Temecula, CA 92591 (US).

(74) HANKE, Gunther, O. et al. / etc.; Fulwider Patton Lee & Utecht, LLP, Howard Hughes Center, 6060 Center Drive, Tenth Floor, Los Angeles, CA 90045 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61L 2/28, G01N 31/22

(11) WO 03/037391 (13) A1

(21) PCT/US02/34791

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/336,410 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE WITH ABILITY TO REPORT DECONTAMINATION

• DISPOSITIF INDICATEUR DE DECONTAMINATION

(71) SEGAN INDUSTRIES, INC. [US/US]; P.O. Box 367, Burlingame, CA 94011-0367 (US).

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

(72, 75) RIBI, Hans O. [US/US]; 2455 Skyfarm Drive, Hillsborough, CA 94010 (US).

(74) RAE-VENTER, Barbara; Rae-venter Law Group, P.C., P.O. BOX 1898, MONTEREY, CA 93942-1898 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61L 15/00, C08G 81/00, C08F 8/44

(11) WO 03/037392 (13) A1

(21) PCT/EP02/11786

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 10/029,546 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • MULTICOMPONENT SUPERABSORBENT GEL PARTICULES
• PARTICULES SUPERABSORBANTES A CONSTITUANTS MULTIPLES SUSCEPTIBLES DE FORMER UN GEL

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

(72) MITCHELL, Michael; 8805 Sweetwater Pl.d, Waxhaw, NC 28173 (US). LOBO, Leticia; 234 West Fairfield Ct., Palatine, IL 60067 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61L 15/00, A61F 13/02, A61K 9/70, B32B 5/02, 27/36

(11) WO 03/037393 (13) A1

(21) PCT/JP02/11303

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ja (26) ja

(30) 2001-335334 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PLASTER HAVING LAMINATED SUPPORT

• EMLATRE A SUPPORT LAMINE

(71) HISAMITSU PHARMACEUTICAL CO., INC. [JP/JP]; 408, Tashiroduaikan-machi, Tosu-shi, Saga 841-0017 (JP).

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

(72, 75) TATEISHI, Tetsuro [JP/JP]; c/o Tsukuba Laboratory of HISAMITSU PHARMACEUTICAL CO., INC., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP). HIGO, Naruhito [JP/JP]; c/o Tsukuba Laboratory of HISAMITSU PHARMACEUTICAL CO., INC., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP). SATO, Shuji [JP/JP]; c/o Tsukuba Laboratory of HISAMITSU PHARMACEUTICAL CO., INC., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 15/00, B23B 5/08, 5/26, D21H 13/12

(11) WO 03/037394 (13) A1

(21) PCT/US02/09520

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/336,552 1 Nov/nov 2001 US (01.11.2001)

(30) 10/026,400 21 Dec/déc 2001 US (21.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NON-REWETTING MULTI-FIBER HAND TOWEL AND METHODS OF MAKING SAME

• ESSUIE-MAIN MULTIFIBRES NON HUMIDIFIANT ET PROCÉDES DE FABRICATION

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

(72) ROSS, Russell, Frederick; 3495 Parsons Run, Suwanee, GA 30024 (US). SMITH, Susan, Elaine; 3301 South Mallard Drive, Apt. 13, Appleton, WI 54915 (US).

(74) SHANE, Rick, M. et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 N. Lake Street, Neenah, WI 54956 (US).

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

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

Declarations / Déclarations :

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

(51)⁷ A61L 15/42, 15/44

(11) WO 03/037395 (13) A1

(21) PCT/IB02/04142

(22) 9 Oct/oct 2002 (09.10.2002)

(25) en (26) en

(30) 0126389.6 2 Nov/nov 2001 GB (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • WAFER FOR WOUNDS

• PASTILLE DESTINEE A SOIGNER DES PLAIES

(71) PFIZER LIMITED [GB/GB]; Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
(only for / seulement pour GB)

(71) PFIZER INC. [US/US]; 235 East 42nd Stret, New Yor, NY 10017 (US).
(for all designated States except / pour tous les États désignés sauf GB US)

(72, 75) AUFFRET, Anthony, David [GB/GB]; Pfizer Global Research and Development,, Ramsgate Road, Sandwich, Kent, CT13 9NJ (GB). ECCLESTON, Gillian, Margaret [GB/GB]; U.K. Patent Department, Pfizer Limited,, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). HUMPHREY, Michael, John [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). MATTHEWS, Kerr, Hugh [GB/GB]; U.K. Patent Department, Pfizer Limited,, Ramsgate Road, Sandwich, Kent, CT13 9NJ (GB). STEVENS, Howard, Norman, Ernest [GB/GB]; U.K. Patent Department, Pfizer Limited, Ramsgate R, oad Sandwich, Kent, CT13 9NJ (GB).

(74) STUART, Peter, G. et al. / etc.; 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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 27/16, A61F 2/06

(11) WO 03/037396 (13) A1

(21) PCT/US02/27307

(22) 28 Aug/août 2002 (28.08.2002)

(25) en (26) en

(30) 10/012,919 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • GREEN FLUOROPOLYMER TUBE AND ENDOVASCULAR PROSTHESIS FORMED USING SAME

• TUBE EN FLUOROPOLYMER VERT ET SON EMPLOI SOUS FORME DE PROTHESE ENDOVASCULAIRE

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

(72) SOGARD, David, J.; 5809 Concord Avenue, Edina, MN 55424 (US). HILL, Jason, P.; 7333 Drew Avenue N, Brooklyn Park, MN 55443 (US). GIRTON, Timothy, S.; 5512 Ridge Park Road, Edina, MN 55436 (US). BRODEUR, Christopher, B.; 246 West Eagle Lake Drive, Maple Grove, MN 55369 (US).

(74) **BUDZYN, Ludomir, A.;** Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US) et al. / etc.

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

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

(51)⁷ A61L 31/10, 31/14, A61F 2/06, A61L 27/34, 27/50, 27/58

(11) WO 03/037397 (13) A2

(21) PCT/US02/35065

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 10/001,765 31 Oct/oct 2001 US (31.10.2001)

(30) 09/997,829 29 Nov/nov 2001 US (29.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DRUG ELUTING RADIALLY EXPANDABLE TUBULAR STENTED GRAFTS
• GREFFES A STENT TUBULAIRE EXTENSIBLE RADIALEMENT ELUANT LES MEDICAMENTS

(71) **EDWARDS LIFESCIENCES CORPORATION** [US/US]; One Edwards Way, Irvine, CA 92614 (US).

(72) **SHANNON, Donald, T.;** 31881 Stoney Creek Road, Trabuco Canyon, CA 92679 (US).

(74) **YADAV, Rajiv et al. / etc.;** One Edwards Way, Irvine, CA 92614 (US).

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

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

(51)⁷ A61M

(11) WO 03/037398 (13) A2

(21) PCT/US02/26195

(22) 15 Aug/août 2002 (15.08.2002)

(25) en (26) en

(30) 10/039,816 26 Oct/oct 2001 US (26.10.2001)

(30) 10/209,591 30 Jul/juil 2002 US (30.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • IMPROVED STENT COATING

• ENROBAGE D'ENDOPROTHESE AMELIORE

(71) **ICON TECHNOLOGIES LLC.** [US/US]; 1414 South Green Road, Suite 310, South Euclid, OH 44121 (US).

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(72, 75) **FURST, Joseph, G.** [US/US]; 6039 South Windsor Road, Middlefield, OH 44062 (US).

(74) **TURUNG, Brian, E.;** 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61M

(11) WO 03/037399 (13) A2

(21) PCT/US02/34746

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/334,704 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HERMETIC COMPONENT HOUSING FOR PHOTONIC CATHETER

• LOGEMENT DE COMPOSANT HERMETIQUE POUR CATHETER PHOTO-NIQUE

(71) **BIOPHAN TECHNOLOGIES, INC.** [US/US]; Suite 215, 150 Lucius Gordon Drive, West Henrietta, NY 14586 (US).

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

(72, 75) **GREATBATCH, Wilson** [US/US]; 5935 Davison Road, Akron, NY 14001 (US).
WEINER, Michael, L. [US/US]; 633 Summit Drive, Webster, NY 14580 (US).

(74) **BASCH, Duane, C. et al. / etc.;** Greenwald & Basch LLP, Suite 2490, 349 West Commercial Street, East Rochester, NY 14445 (US).

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

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

(51)⁷ A61M

(11) WO 03/037400 (13) A2

(21) PCT/US02/35224

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/334,621 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS AND DEVICE COMPOSITIONS FOR THE RECRUITMENT OF CELLS TO BLOOD CONTACTING SURFACES *IN VIVO*

• PROCÉDES ET COMPOSITIONS D'APPAREIL DE RECRUTEMENT DE CELLULES POUR LES SURFACES EN CONTACT AVEC LE SANG <I>IN VIVO</I>

(71) **VENTRIGRAFT, INC.** [US/US]; 5055 Brandin Court, Fremont, CA 94538 (US).

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

(72, 75) **LUDWIG, Florian** [US/US]; 28 Isabella, Atherton, CA 94027 (US).
SHARKAWY, A., Adam [DE/US]; 5705 Del Monte Court, Union City, CA 94587 (US).

(74) **HALL, Kathleen, S.;** Bozicevic, Field & Francis, L.L.P., 200 Middlefield Road, Suite 200, Menlo Park, CA 94025 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61M

(11) WO 03/037401 (13) A2

(21) PCT/US02/35282

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 10/003,782 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • UNIVERSAL PASSIVE PROTECTOR FOR AN IV CATHETER

• DISPOSITIF DE PROTECTION PASSIF UNIVERSEL POUR CATHETER IV

(71) **LUTHER RESEARCH PARTNERS, LLC** [US/US]; 3199 East Airport Loop, Unit E, Costa Mesa, CA 92626-3414 (US).

(72) **LUTHER, Ronald, B.;** 530 Kings Road, Newport Beach, CA 92663-5710 (US).
PHAM, Tuan; 10411 Garden Grove Boulevard, #29, Garden Grove, CA 92843 (US).
MURI, John; 46 Edmonton Place, Aliso Viejo, CA 92656 (US).

(74) **ALTMAN, Daniel, E.;** Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61M 1/00

(11) WO 03/037402 (13) A2

(21) PCT/AT02/00305

(22) 30 Oct/oct 2002 (30.10.2002)

(25) de (26) de

(30) A 1724/2001 31 Oct/oct 2001 AT (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • EXTRACORPOREAL DEVICE FOR TREATING HUMAN BLOOD

• DISPOSITIF EXTRACORPOREL POUR TRAITER LE SANG HUMAIN

(71, 72) SCHNEDITZ, Daniel [AT/AT]; Pfeifferhofweg 66, A-8045 Graz (AT).

(74) WILDHACK, Helmut et al. / etc.; Patentanwaltskanzlei WILDHACK-JELLINEK, Landstrasser Hauptstrasse 50, A-1030 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 SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61M 5/142

(11) WO 03/037403 (13) A1

(21) PCT/US02/33544

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) 60/338,425 26 Oct/oct 2001 US (26.10.2001)

(30) 60/399,489 29 Jul/juil 2002 US (29.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MICRONEEDLE TRANSPORT DEVICE

• DISPOSITIF DE TRANSPORT DE MICRO-AIGUILLE

(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) ANGEL, Aimee, B.; 101 Isabella Avenue, Atherton, CA 94027 (US). HUNTER, Ian, W.; 6 Oakdale Lane, Lincoln, MA 01773 (US).

(74) SMITH, James, M.; Hamilton, Brooks, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

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

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

(51)⁷ A61M 5/142

(11) WO 03/037404 (13) A1

(21) PCT/US02/33794

(22) 21 Oct/oct 2002 (21.10.2002)

(25) en (26) en

(30) 60/338,425 26 Oct/oct 2001 US (26.10.2001)

(30) 60/399,489 29 Jul/juil 2002 US (29.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MICRONEEDLE TRANSDERMAL TRANSPORT DEVICE

• DISPOSITIF DE TRANSPORT TRANSDERMIQUE A MICROAIGUILLES

(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) ANGEL, Aimee, B.; 101 Isabella Avenue, Atherton, CA 94027 (US). HUNTER, Ian, W.; 6 Oakdale Lane, Lincoln, MA 01773 (US).

(74) SMITH, James, M. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

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

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

(51)⁷ A61M 5/142

(11) WO 03/037405 (13) A1

(21) PCT/US02/33823

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 60/338,425 26 Oct/oct 2001 US (26.10.2001)

(30) 60/399,489 29 Jul/juil 2002 US (29.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • IMPEDANCE SENSOR

• CAPTEUR D'IMPEDANCE

(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) ANGEL, Aimee, B.; 101 Isabella Avenue, Atherton, CA 94027 (US). HUNTER, Ian, W.; 6 Oakdale Lane, Lincoln, MA 01773 (US). PROCTOR, Laura, L.; P.O. Box 397281, Cambridge, MA 02139 (US). TANGORRA, James; 183 Tremont Avenue, Apt.2, Somerville, MA 02143 (US).

(74) SMITH, James, M. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

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

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

(51)⁷ A61M 5/142, 5/46, 5/155

(11) WO 03/037406 (13) A2

(21) PCT/US02/33829

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 60/338,425 26 Oct/oct 2001 US (26.10.2001)

(30) 60/399,489 29 Jul/juil 2002 US (29.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TRANSDERMAL TRANSPORT DEVICE WITH AN ELECTROLYTIC ACTUATOR

• DISPOSITIF DE TRANSPORT TRANSDERMIQUE A ACTIONNEUR ELECTROLYTIQUE

(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) ANGEL, Aimee, B.; 101 Isabella Avenue, Atherton, CA 94027 (US). HUNTER, Ian, W.; 6 Oakdale Lane, Lincoln, MA 01773 (US). MADDEN, Peter; 48 Springfield Street, Apt. 1, Somerville, MA 02143 (US).

(74) SMITH, James, M. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia

Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

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

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

(51)⁷ A61M 5/142

(11) WO 03/037407 (13) A1

(21) PCT/US02/33830

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 60/338,425 26 Oct/oct 2001 US (26.10.2001)

(30) 60/399,489 29 Jul/juil 2002 US (29.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TRANSDERMAL TRANSPORT DEVICE WITH SUCTION

• DISPOSITIF DE TRANSPORT TRANSCUTANE A ASPIRATION

(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) ANGEL, Aimee, B.; 101 Isabella Avenue, Atherton, CA 94027 (US). HUNTER, Ian, W.; 6 Oakdale Lane, Lincoln, MA 01773 (US). HANSEN, Peter; 3 Marathon Drive, Mount Eliza, VIC (US).

(74) SMITH, James, M. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

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

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

(51)⁷ A61M 5/168

(11) WO 03/037408 (13) A1

(21) PCT/EP02/11967

(22) 25 Oct/oct 2002 (25.10.2002)

(25) de (26) de

(30) 101 53 232.6 31 Oct/oct 2001 DE (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE FOR REGULATING VOLUMETRIC FLOW RATE OF PERFUSION LIQUIDS

• DISPOSITIF POUR REGULER LE DEBIT VOLUMETRIQUE DE LIQUIDES DE PERFUSION

(71, 72) DURST, Franz [DE/DE]; Eichenstr. 12, 91094 Langensendelbach (DE).

(74) GASSNER, Wolfgang; Nägelsbachstr. 49 a, 91052 Erlangen (DE).

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

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

(51)⁷ A61M 5/32

(11) WO 03/037409 (13) A1

(21) PCT/DE02/03857

(22) 14 Oct/oct 2002 (14.10.2002)

(25) de (26) de

(30) 101 52 245.2 23 Oct/oct 2001 DE (23.10.2001)

(30) 202 08 394.2 31 May/mai 2002 DE (31.05.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NEEDLE PROTECTION DEVICE FOR A SYRINGE

• DISPOSITIF DE PROTECTION D'AIGUILLE DESTINE A UNE SERINGUE

(71) GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN [DE/DE]; Wilhelmsplatz 1, 37073 Göttingen (DE).

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

(72, 75) HUSCHMAND NIA, Abdolhamid [DE/DE]; Brauweg 19, 37073 Göttingen (DE).

(74) GRAMM, Werner; c/o Gramm, Lins & Partner GbR, Theodor-Heuss-Strasse 1, 38122 Braunschweig (DE).

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

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

Published / Publiée : (c)

Declarations / Déclarations :

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

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

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A61M 5/50, 5/28, 5/32, 5/34

(11) WO 03/037410 (13) A1

(21) PCT/AT02/00304

(22) 30 Oct/oct 2002 (30.10.2002)

(25) de (26) de

(30) A 1718/2001 31 Oct/oct 2001 AT (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DISPOSABLE INJECTION DEVICE

• DISPOSITIF D'INJECTION JETABLE

(71, 72) JÜTTE, Werner [AT/AT]; Gumpendorferstrasse 25/4, A-1060 Wien (AT).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61M 5/50

(11) WO 03/037411 (13) A1

(21) PCT/EP02/12121

(22) 30 Oct/oct 2002 (30.10.2002)

(25) de (26) de

(30) 101 53 661.5 31 Oct/oct 2001 DE (31.10.2001)

(30) 101 59 696.0 5 Dec/déc 2001 DE (05.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SINGLE-USE SYRINGE FOR MEDICAL USE

• SERINGUE JETABLE A USAGE MEDICAL

(71) DESTROJECT GMBH [DE/DE]; Medical Devices, Havelstrasse 1-3, 24539 Neumünster (DE).

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

(72, 75) BADER, Mohandes [DE/DE]; Havelstrasse 1-3, Postfach 12 08, 24539 Neumünster (DE).

(74) POPP, Eugen et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, 81633 München (DE).

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

- MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61M 15/00
(11) WO 03/037412 (13) A2
(21) PCT/GB02/05007
(22) 31 Oct/oct 2002 (31.10.2002)
(25) en (26) en
(30) 0126150.2 31 Oct/oct 2001 GB (31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • A DEVICE, METHOD AND RESISTIVE ELEMENT FOR VAPORISING A MEDICAMENT
• DISPOSITIF, PROCEDE ET ELEMENT RESISTIF POUR LA VAPORISATION D'UN MEDICAMENT
(71) GW PHARMA LIMITED [GB/GB]; Porton Down, Science Park, Salisbury, Wiltshire SP4 0JQ (GB). TYCO ELECTRONICS UK LIMITED [GB/GB]; Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) WHITTLE, Brian, Anthony [GB/GB]; Wortley House, 16 Eastbourne Road, Hornsea, Yorkshire HU18 2QS (GB). BOWYER, John, Erwin, Richard [GB/GB]; Tyco Electronics UK Ltd, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB). HARPER, Anthony, Hamish [GB/GB]; Tyco Electronics UK Ltd, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB). VANHINSBERG, Anthony [GB/GB]; Tyco Electronics UK Ltd, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB). MELBOURNE, Christopher, Robert [GB/GB]; Tyco Electronics UK Ltd, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB). DOWNS, David [GB/GB]; c/o G W Pharmaceuticals Plc, Porton Down Science Park, Salisbury, Wiltshire SP4 0JQ (GB). DAVE, Rajiv, Bobby [GB/GB]; 59 Deans Lane, Edgware, Middlesex HA8 9NN (GB).
(74) DRAPER, Martyn, John et al. / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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, A61B 5/085
(11) WO 03/037413 (13) A1
(21) PCT/EP02/11869
- (22) 23 Oct/oct 2002 (23.10.2002)
(25) en (26) en
(30) 01125888.6 30 Oct/oct 2001 EP (30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • PRESSURE-VOLUME CURVE MONITORING DEVICE
• DISPOSITIF DE SURVEILLANCE DE COURBE PRESSION-VOLUME
(71) HAMILTON MEDICAL AG [CH/CH]; Via Nova, CH-7403 Rhäzüns (CH).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BRUNNER, Josef, X. [CH/CH]; Hamilton Medical AG, Via Nova, CH-7403 Rhäzüns (CH). LEI, Yuan [CN/CH]; Hamilton Medical AG, Via Nova, CH-7403 Rhäzüns (CH). DURISCH, Gion [CH/CH]; Hamilton Medical AG, Via Nova, CH-7403 Rhäzüns (CH).
(74) WEICKMANN, Franz, Albert et al. / etc.; Weickmann & Weickmann, Postfach 860 820, 81635 München (DE).
(81) JP US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ A61M 25/00
(11) WO 03/037414 (13) A2
(21) PCT/GB02/04954
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 0126098.3 31 Oct/oct 2001 GB (31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • CATHETER
• CATHETER
(71) AORTECH EUROPE LIMITED [GB/GB]; Phoenix Crescent, Strathelyde Business Park, Bellshill, ML4 3BF (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) FLYNN, Kerry [GB/GB]; 75 Henrietta Street, Galston, Ayrshire KA4 8HN (GB). ANDREWS, Simon [GB/GB]; 24 Loudon Hill Road, Robroyston, Glasgow G33 1GA (GB).
(74) MURGITROYD & COMPANY; Scotland House, 165-169 Scotland Street, Glasgow G5 8PL (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M 25/00
(11) WO 03/037415 (13) A1
(21) PCT/US02/14747
- (22) 9 May/mai 2002 (09.05.2002)
(25) en (26) en
(30) 09/948,517 7 Sep/sep 2001 US (07.09.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • ECCENTRIC CATHETER SHAFT
• TIGE DE CATHETER DECALEE
(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One SciMed Place, Maple Grove, MN 55311-1566 (US).
(72) HACKETT, Steven, S.; 8490 Rosewood Court North, Maple Grove, MN 55369 (US).
(74) CROMPTON, David, M. et al. / etc.; Crompton, Seager & Tuft, LLC, 331 Second Avenue South, Suite 895, Minneapolis, MN 55401-2246 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 25/00
(11) WO 03/037416 (13) A1
(21) PCT/US02/30527
(22) 25 Sep/sep 2002 (25.09.2002)
(25) en (26) en
(30) 10/002,957 1 Nov/nov 2001 US (01.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • DEFINED DEFLECTION STRUCTURE
• STRUCTURE DE DEFLEXION DEFINIE
(71, 72) CARROLL, Sean [US/CA]; 199 Hampshire Road, Beaconsfield, Québec H9W 3N8 (CA).
(72) SANTOIANI, Domenic; 4 Edison, Kirkland, Québec H9H 5B2 (CA). THIBAUT, Benoit; 36 De Beaujeu, Coteau-du-Lac, Québec J0P 1B0 (CA). WITTENBERGER, Dan; 4806 Lucerne, Pierrefonds, Québec H8Y 2E2 (CA). AUBERT, Mathieu-Philippe; 1360 rue Guertin, Saint-Laurent, Québec H4L 4B9 (CA). MARCOTTE, Marc-André; 877A Dollard, Outremont, Québec H2V 3G8 (CA).
(74) CHRISTOPHER, John; Christopher & Weisberg, P.A., Suite 2040, 200 East Las Olas Boulevard, Fort Lauderdale, FL 33301 (US).
(81) CA JP.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- Published / Publiée : (c)
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- (51)⁷ A61M 25/00
(11) WO 03/037417 (13) A2
(21) PCT/US02/30818

(22) 27 Sep/sep 2002 (27.09.2002)

(25) en (26) en

(30) 10/021,517 29 Oct/oct 2001 US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DUAL BALLOON VALVE CONTROL WITH PRESSURE INDICATOR
• ACCESSOIRE DE COMMANDE DE VANNES POUR CATHETER A DOUBLE BALLONNET, AVEC INDICATEUR DE PRESSION

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

(72) HART, Colin, P.; 21 Fox Hollow Lane, Queensbury, NY 12804 (US). DEYETTE, Thomas, Jr.; 17 Spring Street, P.O. Box 26, Hudson Falls, NY 12839 (US). WADLEIGH, Glenn, H.; 16 Sherwood Drive, Queensbury, NY 12804 (US).

(74) SEAGER, Glenn, M. et al. / etc.; Crompton, Seager & Tufte, LLC, Suite 895, 331 Second Avenue South, Minneapolis, MN 55401-2246 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61M 25/00

(11) WO 03/037418 (13) A2

(21) PCT/US02/33030

(22) 14 Oct/oct 2002 (14.10.2002)

(25) en (26) en

(30) 10/002,477 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CATHETER HAVING IMPROVED RAPID EXCHANGE JUNCTION
• CATHETER COMPRENANT UNE JONCTION A REMPLACEMENT RAPIDE PERFECTIONNEE

(71) ADVANCED CARDIOVASCULAR SYSTEMS, INC. [US/US]; 3200 Lakeside Drive, Santa Clara, CA 95054-2807 (US).

(72) WANTINK, Kenneth, L.; 33583 Vine Way, Temecula, CA 92591 (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61M 25/00

(11) WO 03/037419 (13) A2

(21) PCT/US02/34854

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 10/002,613 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CATHETER HAVING AN IMPROVED DISTAL TIP
• CATHETER A POINTE DISTALE AME-LIOREE

(71) ADVANCED CARDIOVASCULAR SYSTEMS, INC. [US/US]; 3200 Lakeside Drive, Santa Clara, CA 95054-2807 (US).

(72) WANG, Edwin; 13102 Cortina, Tustin, CA 92782 (US). WHITE, Roseminda, J.; 33671 Windmill Road, Wildomar, CA 92595 (US). LEE, Jeong, S.; 23637 E. Goldrush Drive, Diamond Bar, CA 91765 (US). KITCHEN, Tim; 333 S. Mary Avenue, Sunnyvale, CA 94086 (US).

(74) HANKE, Gunther, O. et al. / etc.; Fulwider Patton Lee & Utecht, LLP, Howard Hughes Center, 10th 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61M 25/00, A61F 2/04

(11) WO 03/037420 (13) A1

(21) PCT/US02/09355

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 09/981,634 16 Oct/oct 2001 US
(16.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MEDICAL STENT WITH VARIABLE COIL AND RELATED METHODS
• ENDOPROTHESE MEDICALE AVEC RESSORT VARIABLE ET METHODES ASSOCIEES

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

(72) BOTTCHEER, Benjamin, J.; 1048 Timberwale Lane, Kennesaw, GA 30152 (US). GRASSO, Michael; 3 Keane Court, Rye, NY 10580 (US).

(74) WILSON, Daniel, A.; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 A61M 29/00

(11) WO 03/037421 (13) A2

(21) PCT/US02/35074

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 10/002,406 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FOLDABLE AND REMOTELY IMAGE-ABLE BALLOON
• BALLONNET PLIABLE A CAPACITE D'IMAGERIE A DISTANCE

(71) CARDIO EXODUS PARTNERS [US/US]; 4067 North Farwell Avenue, Shorewood, WI 53211 (US).

(72) AITA, Michael; 4067 North Farwell Avenue, Shorewood, WI 53211 (US). MURSEC, Milan; 511 W. Jerelyn Place, Milwaukee, WI 53219 (US).

(74) LYNCH, Edward, J. et al. / etc.; Coudert Brothers LLP, 3rd Floor, 600 Beach Street, San Francisco, CA 94109 (US).

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

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

(51)⁷ A61M 35/00, A61F 13/38, B65D 1/02

(11) WO 03/037422 (13) A1

(21) PCT/FR02/03718

(22) 29 Oct/oct 2002 (29.10.2002)

(25) fr (26) fr

(30) 01/14232 2 Nov/nov 2001 FR
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • STICK CONTAINING A PRODUCT WHICH THE USER CAN BRING INTO CONTACT WITH AN ABSORBENT MATERIAL
• BATONNET RENFERMANT UN PRODUIT QUE L'UTILISATEUR PEUT

- AMENER AU CONTACT D'UN MATE-
RIAU ABSORBANT
- (71, 72) **TREVILLOT, Nicolas** [FR/FR]; 25 rue Francis Garnier, F-94210 La Varenne Saint Hilarre (FR).
- (74) **NEYRET, Daniel** et al. / etc.; CABINET LAVOIX, 2, Place d' Estienne d'Orves, F-75441 Paris Cedex 09 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A61N 1/05, A61M 25/10
- (11) **WO 03/037423** (13) A1
- (21) PCT/US02/31982
- (22) **3 Oct/oct 2002 (03.10.2002)**
- (25) en (26) en
- (30) 10/041,802 **29 Oct/oct 2001** US
(29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR ENDOVENOUS PACING LEAD
- PROCEDE ET APPAREIL POUR ELECTRODE DE STIMULATION ENDOVEINEUSE
- (71) **MEDTRONIC, INC.** [US/US]; LC 340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).
- (72) **KRAMM, Berthold**; Brunsumstrasse 21a, 52074 Aachen (DE). **DORNBERGER, Volker**; Abteilung Innere Medizin III, Medizinische Universitätsklinik, 72076 Tübingen (DE).
- (74) **SOLDNER, Michael, C.** et al. / etc.; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5601 (US).
- (81) CA JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ A61N 1/05
- (11) **WO 03/037424** (13) A2
- (21) PCT/US02/32024
- (22) **7 Oct/oct 2002 (07.10.2002)**
- (25) en (26) en
- (30) 09/999,381 **31 Oct/oct 2001** US
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • APPARATUS AND METHOD FOR SHUNTING INDUCED CURRENTS IN AN ELECTRICAL LEAD
- APPAREIL ET PROCEDE DE SHUNTAGE DES COURANTS INDUITS DANS UN FIL ELECTRIQUE
- (71) **MEDTRONIC, INC.** [US/US]; LC 340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).
- (72) **WILKINSON, Jeffrey, D.**; 459 Colleen Drive, Vadnais Heights, MN 55127 (US). **REINKE, James, D.**; 7731 Ranchview Lane, Maple Grove, MN 55311 (US). **ZEIJE-MAKER, Volkent, A.**; Wachtendonkstr 22, NL-6371 VW Landgraaf (NL).
- (74) **SOLDNER, Michael, C.** et al. / etc.; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5601 (US).
- (81) CA JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ A61N 1/30
- (11) **WO 03/037425** (13) A1
- (21) PCT/JP02/04696
- (22) **15 May/mai 2002 (15.05.2002)**
- (25) ja (26) ja
- (30) 2001-335293 **31 Oct/oct 2001** JP
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IONTOPHORESIS DEVICE
- DISPOSITIF D'IONOPHORESE
- (71) **R & R VENTURES INCORPORATION** [JP/JP]; 27-8, Jingumae 6-chome, Shibuya-ku, Tokyo 150-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MATSUMURA, Akihiko** [JP/JP]; 2-19, Takanawa 2-chome, Minato-ku, Tokyo 108-0074 (JP). **TORISAWA, Sakae** [JP/JP]; 3-24, Imagawa 1-chome, Urayasu-shi, Chiba 279-0022 (JP). **KANAMURA, Kiyoshi** [JP/JP]; 10-3, Kamiyugi 3-chome, Hachioji-shi, Tokyo 192-0373 (JP). **ITO, Yoshihiro** [JP/JP]; 40-1, Ohomiya Minamiyamanomaecho, Kita-ku, Kyoto-shi, Kyoto 603-8473 (JP). **KOBAYASHI, Yoriko** [JP/JP]; 38-7, Motomiya 2-chome, Otsu-shi, Shiga 520-0804 (JP).
- (74) **OKAWA, Akira** et al. / etc.; Shinkyobashi Daichi Nagaoka, Bldg., 9-8, Hatchobori 3-chome, Chuo-ku, Tokyo 104-0032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61N 1/362
- (11) **WO 03/037426** (13) A1
- (21) PCT/US02/31286
- (22) **1 Oct/oct 2002 (01.10.2002)**
- (25) en (26) en
- (30) 10/003,936 **30 Oct/oct 2001** US
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS AND APPARATUS FOR REDUCING THE LIKELIHOOD OF ATRIAL FIBRILLATION
- PROCEDES ET APPAREIL DE REDUCTION DE LA PROBABILITE D'UNE FIBRILLATION ATRIALE
- (71) **MEDTRONIC, INC.** [US/US]; LC 340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).
- (72) **WARMAN, Eduardo, N.**; 10949 Pheasant Lane North, Maple Grove, MN 55369 (US). **MARKOWITZ, H., Toby**; 1670 Ridgewood Lane South, Roseville, MN 55113 (US).
- (74) **WOLDE-MICHAEL, Girma** et al. / etc.; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5601 (US).
- (81) CA JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- Published / Publiée : (b)
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- (51)⁷ A61N 1/368
- (11) **WO 03/037427** (13) A1
- (21) PCT/US02/31136
- (22) **1 Oct/oct 2002 (01.10.2002)**
- (25) en (26) en
- (30) 10/000,474 **26 Oct/oct 2001** US
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SYSTEM AND METHOD FOR BI-VENTRICULAR FUSION PACING
- SYSTEME ET PROCEDE DE STIMULATION CARDIAQUE BIVENTRICULAIRE AVEC FUSION
- (71) **MEDTRONIC, INC.** [US/US]; LC 340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).
- (72) **HILL, Michael, R., S.**; 3928 Washburn Avenue South, Minneapolis, MN 55410 (US).
- (74) **WOLDE-MICHAEL, Girma** et al. / etc.; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5601 (US).
- (81) CA JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ A61N 1/368
- (11) **WO 03/037428** (13) A2
- (21) PCT/US02/32810
- (22) **11 Oct/oct 2002 (11.10.2002)**
- (25) en (26) en
- (30) 10/000,973 **30 Oct/oct 2001** US
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IMPLANTABLE MEDICAL DEVICE FOR MONITORING CARDIAC BLOOD PRESSURE AND CHAMBER DIMENSION
- DISPOSITIF MEDICAL IMPLANTABLE DESTINE A SURVEILLER LA TENSION ARTERIELLE ET LA DIMENSION DES CHAMBRES CARDIAQUES
- (71) **MEDTRONIC, INC.** [US/US]; LC 340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(72) **HILL, Michael, R.S.**; 121 Franklin Avenue, Minneapolis, MN 55404 (US). **MULLIGAN, Lawrence, J.**; 672 142nd Avenue Northwest, Andover, MN 55304 (US).

(74) **SOLDNER, Michael, C.** et al. / etc.; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5601 (US).

(81) CA JP.

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

(51)⁷ A61N 1/37, 1/365

(11) WO 03/037429 (13) A1

(21) PCT/US02/31391

(22) 1 Oct/oct 2002 (01.10.2002)

(25) en (26) en

(30) 10/004,237 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ALTERNATIVE SENSING METHOD FOR IMPLANTABLE MEDICAL DEVICE IN MAGNETIC RESONANCE IMAGING DEVICE

• PROCEDE ALTERNATIF DE DETECTION POUR DISPOSITIF MEDICAL IMPLANTABLE

(71) **MEDTRONIC, INC.** [US/US]; LC 340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(72) **CHO, Yong, K.**; 11849 65th Avenue North, Maple Grove, MN 55369 (US). **REINKE, James, D.**; 7731 Ranchview Lane, Maple Grove, MN 55311 (US). **KALIN, Ron**; 8909 48th Avenue North, New Hope, MN 55428 (US).

(74) **WOLDE-MICHAEL, Girma** et al. / etc.; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5601 (US).

(81) CA JP.

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

(51)⁷ A61N 1/372

(11) WO 03/037430 (13) A2

(21) PCT/US02/01540

(22) 16 Jan/jan 2002 (16.01.2002)

(25) en (26) en

(30) 10/002,328 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR PROGRAMMING AN IMPLANTABLE MEDICAL DEVICE

• PROCEDE ET APPAREIL POUR PROGRAMMER UN DISPOSITIF MEDICAL IMPLANTABLE

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

(72) **LEE, David, W.**; 4950 138th Circle, Apple Valley, MN 55124 (US). **MALEK, Shahram**; 5400 Ximines Lane, Plymouth, MN 55442 (US). **GOETZ, Steven, M.**; 4650 58th Place North, Brooklyn Center, MN 55429 (US). **GREVIOUS, John, J.**; 2239 Wilson Street Northeast, Minneapolis, MN 55418 (US).

CHRISTOPHERSON, Mark, A.; 4100 Reiland Lane, Shoreview, MN 55126 (US).

(74) **BAUER, Stephen, W.** et al. / etc.; Medtronic, Inc. 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ A61N 5/02

(11) WO 03/037431 (13) A1

(21) PCT/RU02/00460

(22) 22 Oct/oct 2002 (22.10.2002)

(25) ru (26) ru

(30) 2001128892 29 Oct/oct 2001 RU (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND DEVICE FOR PHYSIOTHERAPY

• PROCEDE ET DISPOSITIF DE PHYSIOTHERAPIE

(71, 72) **CHIRIAEV, Viatcheslav Mikhailovich** [RU/RU]; ul.Pechorskaya, d.6, korp.1, kv.105, 129344 Moscow (RU). **MELESHKOV, Viktor Stepanovich** [RU/RU]; ul.Miklukho-Maklaya, d.20, kv.52, 117437 Moscow (RU). **NAZAROV, Andrey Aleksandrovich** [RU/RU]; derevnya Chernoe, Agrogorodok, d.4, kv.30, 143991 Moskovskaya obl., Balashikhinski raion (RU). **LIUBINE, Vladimir Vasilevich** [RU/RU]; 5-i mikroraion, 1-i kvartal, d.7, kv.25, 140082 Moskovskaya obl., g. Lytkarino (RU). **KOVALEV, Nikolai Vladimirovich** [RU/RU]; ul.Veshnikh vod, d.8, korp.2, kv.99, 129338 Moscow (RU).

(74) **PATENT LAW FIRM "YUS"**; a/ya 184, Moscow, 125009 (RU).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61P 3/06, 3/08, 3/10, 9/10, 9/12, A61K 31/519, 45/06

(11) WO 03/037432 (13) A1

(21) PCT/IB02/03754

(22) 12 Sep/sep 2002 (12.09.2002)

(25) en (26) en

(30) 60/336,981 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TREATMENT OF INSULIN RESISTANCE SYNDROME AND TYPE 2 DIABETES WITH PDE9 INHIBITORS

• TRAITEMENT DU SYNDROME DE RESISTANCE A L'INSULINE AINSI QUE DU DIABETE DU TYPE 2 AU MOYEN D'INHIBITEURS DE LA PHOSPHODIESTERASE 9 (PDE9)

(71) **PFIZER PRODUCTS INC.** [US/US]; Eastern Point Road, Groton, CT 06340 (US).

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

(72, 75) **FRYBURG, David, Albert** [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). **GIBBS, Earl, Michael** [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).

(74) **LUMB, J., Trevor** et al. / etc.; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A61P 27/06, C07D 333/24, A61K 31/559

(11) WO 03/037433 (13) A1

(21) PCT/US01/28609

(22) 26 Oct/oct 2001 (26.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • CO-CYCLOALKYL 17-HETEROARYL PROSTAGLANDIN E₂ ANALOGS AS EP-RECEPTOR AGONISTS

• ANALOGUES E₂ DE PROSTAGLANDINE CO-CYCLOALKYLE 17-HETEROARYLE UTILISES EN TANT QU'AGONISTES DU RECEPTEUR EP₂

(71) **ALLERGAN, INC.** [US/US]; 2525 Dupont Drive, Irvine, CA 92612 (US).

(72) **BURK, Robert, M.**; 1337 Cerritos Drive, Laguna Beach, CA 92651 (US). **HOLOBOSKI, Mark**; 29342 Bobolink Drive, Laguna Niguel, CA 92677 (US). **POSNER, Mari, F.**; 27935 Hedgeline Drive, Laguna Niguel, CA 92677 (US).

(74) **BARAN, Robert, J.** et al. / etc.; Allergan, Inc., 2525 Dupont Drive, Irvine, CA 92612 (US).

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

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

(51)⁷ A62B 1/08

(11) WO 03/037434 (13) A1

(21) PCT/IN01/00206

(22) 20 Nov/nov 2001 (20.11.2001)

(25) en (26) en

(30) 1052/MUM/2001 30 Oct/oct 2001 IN (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • EMERGENCY SKY LANDING DEVICE
• DISPOSITIF DE SAUVETAGE ET DE DESCENTE D'URGENCE

(71, 72) LOHAR, Mahendra, H. [IN/IN]; B/12, Rameshwar Appt., Opp. Kaira Can., Nr. Chikhodra Railway Crossing, At Post & Dist, Anand, 388 001, Gujarat (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ A62B 1/14

(11) WO 03/037435 (13) A1

(21) PCT/DE02/04002

(22) 24 Oct/oct 2002 (24.10.2002)

(25) de (26) de

(30) 101 52 833.7 25 Oct/oct 2001 DE (25.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE FOR RESCUING PERSONS FROM EDIFICES SUCH AS BUILDINGS, DRILLING PLATFORMS, SHIPS OR THE LIKE
• DISPOSITIF DE SAUVETAGE DE PERSONNES SE TROUVANT DANS DES EDIFICES TELS QUE DES BATIMENTS, DES PLATES-FORMES DE FORAGE, DES BATEAUX OU ANALOGUES

(71) EVACBLITZ ENGINEERING GMBH [DE/DE]; Flughafenverwaltung, 04603 Nobitz (DE).

(71, 72) FISCHER, Herwig [DE/PL]; Ulica Baltycka 6, PL-61-960 Poznan (PL).

(74) VOMBERG, Friedhelm; Schulstrasse 8, 42653 Solingen (DE).

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

SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ A62B 7/02 // 18/00, A61M 16/00

(11) WO 03/037436 (13) A1

(21) PCT/FI02/00845

(22) 31 Oct/oct 2002 (31.10.2002)

(25) fi (26) en

(30) 20012117 1 Nov/nov 2001 FI (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR CALIBRATING AIR CONTENT OF A RESPIRATOR

• PROCEDE ET DISPOSITIF D'ETALONNAGE DU VOLUME D'AIR FOURNI PAR UN RESPIRATEUR

(71) SCOTT HEALTH AND SAFETY OY [FI/FI]; PL 501, FIN-65101 Vaasa (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIRSIMÄKI, Juha [FI/FI]; Emminkuja 3, FIN-66500 Vähäkylä (FI).

(74) JYVÄSKYLÄN PATENTTITOIMISTO BERGGREN OY AB; Ohjelmakaari 1, FIN-40500 Jyväskylä (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 ZW.

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

(51)⁷ A62B 9/02

(11) WO 03/037437 (13) A1

(21) PCT/DE02/03421

(22) 10 Sep/sep 2002 (10.09.2002)

(25) de (26) de

(30) 101 52 454.4 19 Oct/oct 2001 DE (19.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • RESPIRATORY APPARATUS FOR COMPRESSED-AIR BREATHING EQUIPMENT

• APPAREIL RESPIRATOIRE POUR EQUIPEMENTS RESPIRATOIRES A AIR COMPRIME

(71) MSA AUER GMBH [DE/DE]; Thiemannstrasse 1, 12059 Berlin (DE).
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(72, 75) MARTIN, Jan [DE/DE]; Schlettstadter Strasse 101, 14169 Berlin (DE).

(74) WABLAT, Wolfgang; Potsdamer Chaussee 48, 14129 Berlin (DE).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A62B 17/00, F41H 1/00

(11) WO 03/037438 (13) A1

(21) PCT/US02/34465

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 10/000,246 29 Oct/oct 2001 US (29.10.2001)

(30) 10/118,676 9 Apr/avr 2002 US (09.04.2002)

(30) 10/236,232 6 Sep/sep 2002 US (06.09.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PROTECTIVE BODY WEAR

• VETEMENT DE PROTECTION

(71, 72) GILLEN, James, B. [US/US]; 444 West Witchwood Lane, Lake Bluff, IL 60044 (US).
GILLEN, Sherry, S. [US/US]; 444 West Witchwood Lane, Lake Bluff, IL 60044 (US).

(74) MERONI, Charles, F., Jr.; P.O. Box 309, Barrington, IL 60011 (US).

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

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

Published / Publiée : (c)

(51)⁷ A62B 18/08

(11) WO 03/037439 (13) A1

(21) PCT/DE02/03639

(22) 20 Sep/sep 2002 (20.09.2002)

(25) de (26) de

(30) 101 54 683.1 29 Oct/oct 2001 DE (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PROTECTIVE RESPIRATOR WITH SHIELD ATTACHMENTS

• MASQUE DE PROTECTION RESPIRATOIRE POURVU D'ECRANS

(71) **MSA AUER GMBH** [DE/DE]; Thiemannstrasse 1, 12059 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAHRENDORF, Klaus-Dieter** [DE/DE]; Baseler Str. 16, 12205 Berlin (DE). **HORN, Michael** [DE/DE]; Schlossstr. 61, 14059 Berlin (DE). **KIELOW, Detlef** [DE/DE]; Hans-Fallada-Str. 23, 12683 Berlin (DE). **WEBER, Wolfgang** [DE/DE]; Nienheweg 12a, 13403 Berlin (DE).

(74) **WABLAT, Wolfgang**; Potsdamer Chaussee 48, 14129 Berlin (DE).

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

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

Declarations / Déclarations :

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

(51)⁷ **A62B 23/02**

(11) **WO 03/037440** (13) A1

(21) PCT/US02/34944

(22) **31 Oct/oct 2002 (31.10.2002)**

(25) en (26) en

(30) 09/999,856 **31 Oct/oct 2001** US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **RESPIRATOR FILTER ELEMENT**
• **ELEMENT FILTRE RESPIRATOIRE**

(71) **CABOT SAFETY INTERMEDIATE CORPORATION** [US/US]; 650 Dawson Drive, Newark, DE 19713 (US).

(72) **PECTEAU, Keith, E.**; 223 Three River Road, Wilbraham, MA 01095 (US). **SEETO, Don**; 7 Briarwood Road, Framingham, MA 01701 (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **A62C 3/00**

(11) **WO 03/037441** (13) A1

(21) PCT/US02/01572

(22) **17 Jan/jan 2002 (17.01.2002)**

(25) en (26) en

(30) 10/020,448 **29 Oct/oct 2001** US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **AUTOMATIC FIRE EXTINGUISHER SYSTEM**
• **SYSTEME AUTOMATIQUE D'EXTINCTION DES INCENDIES**

(71, 72) **PONS, Michael, J.** [US/US]; 2404 Cochran Road, Panama City Beach, FL 32408 (US). **PADGETT, Randall** [US/US]; 2531 E. 6th Street, Panama City, FL 32401 (US).

(74) **CARNES, Lawrence, L.**; Innovation Park, 1673 W. Paul Dirac Drive, Tallahassee, FL 32310 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 **A62D 3/00**

(11) **WO 03/037442** (13) A1

(21) PCT/CA02/01584

(22) **18 Oct/oct 2002 (18.10.2002)**

(25) en (26) en

(30) 2,360,408 **29 Oct/oct 2001** CA
(29.10.2001)

(30) 60/337,723 **7 Nov/nov 2001** US
(07.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **PROCESS FOR DESTRUCTION OF HALOGENATED ORGANIC COMPOUNDS IN SOLIDS**
• **PROCEDE DE DESTRUCTION DE COMPOSES ORGANIQUES HALOGENES DANS DES SOLIDES**

(71) **POWERTECH LABS INC.** [CA/CA]; 12388-88th Avenue, Surrey, British Columbia V3W 7R7 (CA).

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

(72, 75) **LEE, Keith, Cheuklap** [CA/CA]; 2778 - 47th Avenue, Vancouver, British Columbia V5S 1C5 (CA). **DOMINELLI, Nicola** [CA/CA]; 433 Selman Street, Coquitlam, British Columbia V3K 5S7 (CA). **WYLLIE, Ian, Gordon, Norman** [CA/CA]; 33, 625 Morey Avenue, Abbotsford, British Columbia V2S 2W5 (CA).

(74) **FETHERSTONHAUGH & CO.**; Box 11560, Vancouver Centre 2200 - 650 W. Georgia Street Vancouver, British Columbia V6B 4N8 (CA).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility

model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **A62D 5/00, 7/00**

(11) **WO 03/037443** (13) A1

(21) PCT/GB02/04034

(22) **3 Sep/sep 2002 (03.09.2002)**

(25) en (26) en

(30) 0126361.5 **2 Nov/nov 2001** GB
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **PROTECTIVE APPAREL**
• **HABILLEMENT PROTECTEUR**

(71) **THE SECRETARY OF STATE FOR DEFENCE** [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB).

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

(72, 75) **PEARS, Laurence, Anthony** [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB). **RICHARDSON, Grant, Stuart** [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB). **HIND-MARSH, Christopher, John** [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB). **BEADLE, Brian, Alan** [GB/GB]; Medina, Keyingham Road, Ottringham, Hull HU12 0AL (GB).

(74) **SKELTON, Stephen, Richard et al.** / etc.; D/IPR Formalities Section, Poplar 2, MOD Abbey Wood #2218, Bristol BS34 8JH (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **A63B**

(11) **WO 03/037444** (13) A2

(21) PCT/GB02/04969

(22) **4 Nov/nov 2002 (04.11.2002)**

(25) en (26) en

(30) 0126414.2 **2 Nov/nov 2001** GB
(02.11.2001)

(30) 0128961.0 **3 Dec/déc 2001** GB
(03.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **MOUTH GUARD**

• PROTEGE-DENTS

(71, 72) CARMICHAEL, Paul, Carleton [GB/GB]; 6 Conway Court, Hendredenny, Caerphilly CF83 2TL (GB).

(74) CAWDELL, Karen, Teresa; Urquhart-Dykes & Lord, Three Trinity Court, 21-27 Newport Road, Cardiff CF24 0AA (GB).

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

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

(51)⁷ A63B 5/11

(11) WO 03/037445 (13) A1

(21) PCT/KR02/01979

(22) 23 Oct/oct 2002 (23.10.2002)

(25) ko (26) en

(30) 2001-33045 U 29 Oct/oct 2001 KR (29.10.2001)

(30) 2002-8484 18 Feb/fév 2002 KR (18.02.2002)

(30) 2002-29872 U 7 Oct/oct 2002 KR (07.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • EXERCISING AIR FOOTBOARD AND BUFFER FOR AIR FOOTBOARD

• PLATE-FORME DE SUR-PLACE SUR COUSSIN D'AIR ET TAMPON A CET EFFET

(71, 72) PARK, Hee-sun [KR/KR]; 29/5, 996-4, Madu-Dong Ilsan-gu Goyang-si, 411-350 Kyonggi-do (KR).

(74) KIM, Eun-gu; Pedison International Patent and Law Office, 824-28(3F) Yoksam-dong Kangnam-gu, 135-080 Seoul (KR).

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

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

(51)⁷ A63B 23/04, A61H 1/02

(11) WO 03/037446 (13) A1

(21) PCT/GB02/04944

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 0126063.7 31 Oct/oct 2001 GB (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • EXERCISE DEVICE TO PREVENT DVT

• DISPOSITIF D'EXERCICE POUR PREVENIR LA THROMBOSE VEINEUSE PROFONDE

(71, 72) MCKENZIE, Noel, Robertson [GB/GB]; P.O. Box 4039, Worthing, West Sussex BN11 4DX (GB).

(74) LAMB, Martin, John, Carstairs; Marks & Clerk, 57-60 Lincolns Inn Fields, London WC2A 3LS (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A63B 53/04

(11) WO 03/037447 (13) A1

(21) PCT/KR02/01989

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 10-2001-0066947 30 Oct/oct 2001 KR (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SOFT GOLF CLUB

• CLUB DE GOLF A SURFACE DE FRAPPE MOLLE

(71) HUMANSENSE TECH CO., LTD. [KR/KR]; 664-14, Deukjindong-1 ga, Deukjin-gu, Jeonju-si, 561-807 Jeollabuk-do (KR).

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

(72, 75) KIM, Namgyun [KR/KR]; 110-1504 Ajung-Hyundai Apt., Inhudong-1ga, Deukjin-gu, Jeonju-si, 561-781 Jeollabuk-do (KR). KIM, Cheolsang [KR/KR]; 101-1403 Dong-a Hyundai Apt., 843-1bunji, Pyeonghadong-2ga, Wansan-gu, Jeonju-si, 560-282 Jeollabuk-do (KR).

(74) JUNG, Sesung; #506, HubaHuba-bldg., 648 Yeoksam-dong, Gangnam-gu, 135-911 Seoul (KR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A63B 53/14

(11) WO 03/037448 (13) A1

(21) PCT/US02/33884

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 09/984,650 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MOLDABLE GOLF CLUB GRIP AND METHOD OF MANUFACTURING THE SAME

• POIGNEE DE CLUB DE GOLF MOULABLE ET SON PROCEDE DE FABRICATION

(71, 72) TOCCI, Jeffrey [US/US]; 467 Wellesley Street, Weston, MA 02493 (US).

(74) FOGERTY, Michael, E.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 A63B 57/00

(11) WO 03/037449 (13) A1

(21) PCT/DE02/03982

(22) 22 Oct/oct 2002 (22.10.2002)

(25) de (26) de

(30) 101 51 972.9 22 Oct/oct 2001 DE (22.10.2001)

(30) 201 17 285.2 22 Oct/oct 2001 DE (22.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • GOLF-TEE

• TEE DE GOLF

(71, 72) ECKERT, Christian [DE/DE]; Osterwaldstrasse 57, 80805 München (DE). ECKERT, Knut [DE/DE]; Osterwaldstrasse 57, 80805 München (DE). RAEDER, Niels [DE/DE]; Fasanenstrasse 34 a, 81247 München (DE).

(74) HAFT V. PUTTKAMER BERNGRUBER CZYBULKA KARAKATSANIS; Franziskanerstrasse 38, 81669 München (DE).

(81) AU CA JP KR US ZA.

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

(51)⁷ A63B 69/24, 69/32, G05G 15/13

(11) WO 03/037450 (13) A1

(21) PCT/ES02/00501

(22) 23 Oct/oct 2002 (23.10.2002)

(25) es (26) es

(30) P00102459 29 Oct/oct 2001 ES (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • IMPROVEMENTS MADE TO VIDEO GAME CONSTRUCTION

- AMELIORATIONS APORTEES A LA CONSTRUCTION DE JEUX VIDEO
- (71) GAELCO, S.A. [ES/ES]; C/Escipión, 9-11, E-08023 Barcelona (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VALERO MORENO, Francisco, Javier [ES/ES]; C/ Escipión, 9-11, F-08023 Barcelona (ES). GORDILLO MARÍN, Alberto [ES/ES]; C/ Escipión, 9-11, E-08023 Barcelona (ES).
- (74) CANELA GIMÉNEZ, Maria, Teresa; C/ Girona, 148, 1^o 2a, S-08037 Barcelona (ES).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ A63B 69/36
- (11) WO 03/037451 (13) A1
- (21) PCT/IB02/03118
- (22) 8 Aug/août 2002 (08.08.2002)
- (25) en (26) en
- (30) 2001/9042 1 Nov/nov 2001 (01.11.2001) ZA
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • GOLFING AID
• DISPOSITIF D'AIDE A LA PRATIQUE DU GOLF
- (71, 72) STONE, Samuel [ZA/ZA]; 101 Santolina Avenue, 0299 Rustenburg (ZA).
- (74) MACKENZIE, Colin; Adams & Adams, Adams & Adams Place, 1140 Prospect Street, Hatfield, P O Box 1014, 0001 Pretoria (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ A63C 9/00
- (11) WO 03/037452 (13) A1
- (21) PCT/FR02/03764
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) fr (26) fr
- (30) 01/14491 31 Oct/oct 2001 (31.10.2001) FR
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ASSEMBLY FOR RETAINING A BOOT ON A GLIDING BOARD
• ENSEMBLE DE RETENUE D'UNE CHAUSSURE SUR UNE PLANCHE DE GLISSE
- (71) SALOMON S.A. [FR/FR]; Lieudit "La Ravoir", F-74370 Metz-Tessy (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SOLDAN, Daniel [FR/FR]; 5, avenue de Champ Fleuri, F-74600 Seynod (FR).
- (74) LEJEUNE, Benoît et al. / etc.; Salomon S.A., Dir. Juridique et Propriété Industrielle, F-74996 Annecy Cedex 9 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A63C 9/08, 9/086
- (11) WO 03/037453 (13) A1
- (21) PCT/SE02/01941
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) sv (26) en
- (30) 0103634-2 1 Nov/nov 2001 (01.11.2001) SE
- (30) 0104084-9 6 Dec/déc 2001 (06.12.2001) SE
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • FASTENING DEVICE FOR SKI BINDING
• SYSTEME D'ATTACHE POUR FIXATION DE SKI
- (71) NORDIC DESIGN INNOVATION, NDI [SE/SE]; Tottvägen 26, S-830 13 Åre (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LJUNGGREN, Stefan [SE/SE]; Tottvägen 26, S-830 13 Åre (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A63C 11/02, 11/00
- (11) WO 03/037454 (13) A1
- (21) PCT/GB02/04976
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 0126187.4 1 Nov/nov 2001 (01.11.2001) GB
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CARRYING DEVICE
• DISPOSITIF DE TRANSPORT
- (71, 72) TOLEMAN, Paul, Edward [GB/GB]; Paradise House, Holmes Chapel Road, Over Peover, Knutsford, Cheshire WA16 9RA (GB).
- (74) GOODWIN, Mark et al. / etc.; Wilson Gunn M'Caw, 41-51 Cross Street, Royal Exchange, Manchester M2 7BD (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ A63F
- (11) WO 03/037455 (13) A2
- (21) PCT/US02/35087
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 60/340,007 1 Nov/nov 2001 (01.11.2001) US
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • GAME WITH MULTIPLE CHAMBERS
• JEU A CASES MULTIPLES
- (71) MATTEL, INC. [US/US]; 333 Continental Blvd., El Segundo, CA 90245 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BEDFORD, Jonathan [US/US]; 5531 Wiseburn, Hawthorne, CA 90250 (US).
- (74) GONZALES, Ellen, M.; Kolisch Hartwell P.C., Suite 200, 520 S.W. Yamhill Street, Portland, OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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
- (11) WO 03/037456 (13) A2
- (21) PCT/US02/35090
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en

- (30) 60/340,007 1 Nov/nov 2001 US
(01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • GAME WITH PIVOTING POINTER
• JEU DOTE D'UN POINTEUR PIVO-
TANT
- (71) MATTEL, INC. [US/US]; 333 Continental
Blvd., El Segundo, CA 90245 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) BEDFORD, Jonathan [US/US]; 5531
Wiseburn, Hawthorne, CA 90250 (US).
- (74) GONZALES, Ellen, M.; Kolisch Hartwell
P.C., Suite 200, 520 S.W. Yamhill Street, Port-
land, OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A63F

(11) WO 03/037457 (13) A2

(21) PCT/US02/35179

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/340,007 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • GAME WITH ACCUMULABLE TO-
KENS
• JEU AVEC JETONS CUMULABLES(71) MATTEL, INC. [US/US]; 333 Continental
Boulevard, El Segundo, CA 90245 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) BEDFORD, Jonathan [US/US]; 5531
Wiseburn, Hawthorne, CA 90250 (US).(74) GONZALES, Ellen, M.; Kolisch Hartwell,
P.C., 520 S.W. Yamhill Street, Suite 200, Port-
land, OR 97204 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).(51)⁷ A63F 3/00

(11) WO 03/037458 (13) A1

(21) PCT/US02/35085

(22) 1 Nov/nov 2002 (01.11.2002)

- (25) en (26) en
- (30) 60/340,007 1 Nov/nov 2001 US
(01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • GAME WITH COMMONLY MOVED
ENEMY
• JEU A ENNEMI DONT LE DEPLACE-
MENT EST CONTROLE EN COMMUN
PAR LES JOUEURS
- (71) MATTEL, INC. [US/US]; 333 Continental
Blvd., El Segundo, CA 90245 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) BEDFORD, Jonathan [US/US]; 5531
Wiseburn, Hawthorne, CA 90250 (US).
- (74) GONZALES, Ellen, M.; Kolisch Hartwell
P.C., Suite 200, 520 S.W. Yamhill Street, Port-
land, OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ A63F 3/00

(11) WO 03/037459 (13) A1

(21) PCT/US02/35102

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/340,007 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • GAME WITH ROTATING POINTER
• JEU DOTE D'UN POINTEUR ROTATIF(71) MATTEL, INC. [US/US]; 333 Continental
Boulevard, El Segundo, CA 90245 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) BEDFORD, Jonathan [US/US]; 5531
Wiseburn, Hawthorne, CA 90250 (US).(74) GONZALES, Ellen, M.; Kolisch Hartwell,
P.C., 520 S.W. Yamhill Street, Suite 200, Port-
land, OR 97204 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ A63F 3/00
- (11) WO 03/037460 (13) A1
- (21) PCT/US02/35180
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 60/340,007 1 Nov/nov 2001 US
(01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • GAME WITH MULTI-LEVEL GAME
BOARD
• JEU MUNI D'UNE PLANCHETTE DE
JEU A PLUSIEURS NIVEAUX
- (71) MATTEL, INC. [US/US]; 333 Continental
Boulevard, El Segundo, CA 90245 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) BEDFORD, Jonathan [US/US]; 5531
Wiseburn, Hawthorne, CA 90250 (US).
- (74) GONZALES, Ellen, M.; Kolisch Hartwell,
P.C., Suite 200, 520 S.W. Yamhill Street, Port-
land, OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A63F 3/00

(11) WO 03/037461 (13) A1

(21) PCT/US02/35181

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/340,007 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BOOK BASED GAMES
• JEUX BASES SUR DES LIVRES(71) MATTEL, INC. [US/US]; 333 Continental
Boulevard, El Segundo, CA 90254 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) BEDFORD, Jonathan [US/US]; 5531
Wiseburn, Hawthorne, CA 90250 (US).(74) GONZALES, Ellen, M.; Kolisch Hartwell
P.C., Suite 200, 520 S.W. Yamhill Street, Port-
land, OR 97204 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL

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

Published / Publiée : (c)

(51)⁷ A63F 3/00

(11) WO 03/037462 (13) A1

(21) PCT/US02/35205

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/340,030 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TILE-BASED BOARD GAME

- JEU SE JOUANT SUR UNE TABLE ET PRESENTANT DES PIECES

(71) MATTEL, INC. [US/US]; 333 Continental Boulevard, El Segundo, CA 90245 (US).

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

(72, 75) KENNEY, Tyler [US/US]; 5531 Wisconsin, Hawthorne, CA 90250 (US).

(74) DEVOE, Charles, H.; Kolisch Hartwell, P.C., Suite 200, 520 S.W. Yamhill Street, Portland, OR 97204 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A63F 9/10

(11) WO 03/037463 (13) A1

(21) PCT/US02/32236

(22) 8 Oct/oct 2002 (08.10.2002)

(25) en (26) en

(30) 10/004,215 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MULTI-SKILL LEVEL PUZZLE

- PUZZLE A PLUSIEURS NIVEAUX D'HABILETE

(71, 72) LEACH, David, M. [US/US]; 1426 Ridgewood Lane, Newtown, PA 18940 (US). LEACH, Madeline, J. [US/US]; 1426 Ridgewood Lane, Newtown, PA 18940 (US).

(74) SLOMOWITZ, Scott, M.; Caesar, Rivise, Bernstein, Cohen & Pokotilow, Ltd., Seven Penn Center, 1635 Market Street, 12th Floor, Philadelphia, PA 19103 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 A63F 13/00

(11) WO 03/037464 (13) A1

(21) PCT/US02/33969

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 10/046,645 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • USE IN COMPUTER GAMES OF VORONOI DIAGRAMS FOR PARTITIONING A GAMESPACE FOR ANALYSIS

- UTILISATION, DANS DES JEUX SUR ORDINATEUR, DE DIAGRAMMES DE VORONOI POUR FRACTIONNER UN ESPACE DE JEU EN VUE D'UNE ANALYSE

(71) ELECTRONIC ARTS INC. [US/US]; 209 Redwood Shores Parkway, Redwood City, CA 94065 (US).

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

(72, 75) RUPERT, Jason [CA/CA]; #1 - 2450 Hawthorne Avenue, Port Coquitlam, British Columbia V3C 6B3 (CA). HARROWER, Geoffrey [CA/CA]; #107 - 3890 Sunset Street, Burnaby, British Columbia V5G 3Y8 (CA).

(74) ALBERT, Philip, H. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111 (US).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A63G 31/00

(11) WO 03/037465 (13) A1

(21) PCT/US01/50154

(22) 29 Oct/oct 2001 (29.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • WATERFALL DIVERTER

- DEVIATEUR DE CHUTE D'EAU

(71, 72) PARKER, Christopher [US/US]; 15-D Ui Place, Lahaina, HI 96761 (US).

(74) KROLL, Michael, I.; 171 Stillwell Lane, Syosset, NY 11791 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 17/00

(11) WO 03/037466 (13) A1

(21) PCT/US02/32103

(22) 9 Oct/oct 2002 (09.10.2002)

(25) en (26) en

(30) 60/340,112 26 Oct/oct 2001 US (26.10.2001)

(30) 10/231,975 30 Aug/août 2002 US (30.08.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • THREE WHEELED WIRELESS CONTROLLED TOY STUNT VEHICLE

- VEHICULE RECREATIF D'ACROBATIE A TROIS ROUES COMMANDE PAR VOIE HERTZIENNE

(71) THE OBB, LLC [US/US]; 183 Engle Street, Englewood, NJ 07631 (US).

(72) LYNDERS, Michael, John; 23 Greenacre Drive, Shelton, CT 06484 (US). FERRO, James, Michael; 34 North Street, Shelton, CT 06484 (US). KISLEVITZ, Androc, Luther; 534 Summit Street, Ridgewood, NJ 07450 (US). KISLEVITZ, Adam, Luther; 190 Cedar Street, Englewood, NJ 07631 (US). KISLEVITZ, Noah, Luther; Lambs Lane, Cresskill, NJ 07626 (US).

(74) JAMIESON, John, Jr. et al. / etc.; Akin, Gump, Strauss, Hauer & Feld, LLP, One Commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA 19103-7086 (US).

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

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

Published / Publiée : (a)

(51)⁷ A63H 17/22, 17/25

(11) WO 03/037467 (13) A1

(21) PCT/US02/32287

(22) 10 Oct/oct 2002 (10.10.2002)

(25) en (26) en

(30) 60/339,885 31 Oct/oct 2001 US (31.10.2001)

(30) 60/371,908 11 Apr/avr 2002 US (11.04.2002)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ARTICULATED RIDER FOR A TOY VEHICLE
• FIGURINE ARTICULEE POUR VEHICULE JOUET
- (71) BANG ZOOM DESIGN, LTD. [US/US]; 2150 Alpine Place, Cincinnati, OH 45206 (US).
- (72) HOETING, Michael, G.; 3578 Drakewood Drive, Cincinnati, OH 45209 (US). SPALINSKI, Robert, P.; 11 Fabrow Drive, Titusville, NJ 08560 (US).
- (74) JAMIESON, John, Jr. et al. / etc.; Akin Gump Strauss Hauer & Feld LLP, Suite 2200, One Commerce Square, 2005 Market Street, Philadelphia, PA 19103-7086 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A63H 30/00, 30/04, G09B 19/16, 09/04
(11) WO 03/037468 (13) A1
(21) PCT/US02/34635
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 60/340,591 30 Oct/oct 2001 US (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • TOY VEHICLE WIRELESS CONTROL SYSTEM
• SYSTEME DE COMMANDE SANS FIL POUR VEHICULE-JOUET
- (71) MATTEL, INC. [US/US]; 333 Continental Boulevard, El Segundo, CA 90245 (US).
- (72) MOLL, Joseph, T.; 817 11th Avenue, Prospect Park, PA 19078 (US). DICKINSON, James, M.; 102 Jess Avenue, Haddon Township, NJ 08033 (US). WINKLER, Frank, W.; 87 Myrtle Avenue, Mickleton, NJ 08056 (US). HELMLINGER, David, V.; 24 Shadow Court, Mount Laurel, NJ 08053 (US). MCCALL, Charles, S.; 534 Guerrero Street #1, San Francisco, CA 94110 (US). WEISS, Stephen, N.; 436 Poplar Street #A, Philadelphia, PA 19123 (US).
- (74) JAMIESON, John, Jr. et al. / etc.; Akin, Gump, Strauss, Hauer & Feld, L.L.P., One Commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA 19103-7086 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (b)
-
- (51)⁷ A63H 33/06
(11) WO 03/037470 (13) A1
(21) PCT/DE02/03986
(22) 23 Oct/oct 2002 (23.10.2002)
(25) de (26) de
(30) 101 52 979.1 26 Oct/oct 2001 DE (26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MODULAR CONSTRUCTION SYSTEM
• SYSTEME MODULAIRE
- (71, 72) RAUE, Kristian [DE/DE]; Wintererstr. 21, 79104 Freiburg (DE).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Declarations / Déclarations :
(r) for all designations / pour toutes les designations
(u) for / pour US only / seulement
-
- (51)⁷ A63H 33/10
(11) WO 03/037471 (13) A1
(21) PCT/MX01/00082
(22) 29 Oct/oct 2001 (29.10.2001)
(25) es (26) es
(43) 8 May/mai 2003 (08.05.2003)
- (54) • PARTS THAT ARE USED FOR THE THREE-DIMENSIONAL ASSEMBLY OF TOYS
• PIECES D'ARMATURE TRIDIMENSIONNELLE DESTINEES AU MONTAGE DE JOUETS
- (71, 72) MONGE RODRIGUEZ, Ernesto [MX/MX]; 2 de Abril No. 24, Col. San Nicolas Totolapan, México, D.F. 10900 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(r) for the following designations / pour les designations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A63H 33/30, 33/28
(11) WO 03/037472 (13) A1
(21) PCT/US02/33588
(22) 18 Oct/oct 2002 (18.10.2002)
(25) en (26) en
(30) 60/339,799 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • BUBBLE MAKING APPARATUS AND TOY CAR WASH PLAY SET
• APPAREIL PERMETTANT DE PRODUIRE DES BULLES ET ENSEMBLE DE JEU DE POSTE DE LAVAGE DE PETITES VOITURES
- (71) MATTEL, INC. [US/US]; 333 Continental Boulevard, El Segundo, CA 90245-5012 (US).
- (72) PAYNE, Julian, R.; 22 Sun Haven Place, Delran, NJ 08075 (US). HAYES, Trevor, J.;

- 10 Harvest Lane, Medford, NJ 08055 (US). **BUTKIEWICZ, Robert, A.**; 852 McKendimen Road, Shamong, NJ 08088 (US). **ROBOTHAM, Jeremy, S.**; 216-B Hastings Way, Mt. Laurel, NJ 08054 (US).
- (74) **JAMIESON, John, Jr.** et al. / etc.; Akin, Gump, Strauss, Hauer & Feld, L.L.P., One Commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA 19103-7086 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **A63K 3/04**
- (11) **WO 03/037473** (13) A1
- (21) PCT/GB02/04901
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) en (26) en
- (30) 0126314.4 **2 Nov/nov 2001 GB (02.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IMPROVEMENTS IN AND RELATING TO BARRIER SAFETY SYSTEMS
• AMELIORATIONS APORTEES AUX SYSTEMES DE SECURITE POUR BARRIERES
- (71) **BARRIERS INTERNATIONAL LIMITED** [GB/GB]; P.O. Box 999, Malmesbury, Wiltshire SN16 0RX (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SEEL, Robin, Edward** [GB/GB]; c/o Barriers International Limited, P.O. Box 999, Malmesbury, Wiltshire SN16 0RX (GB).
- (74) **RATCLIFFE, Susan, Margaret** et al. / etc.; Wynne-Jones, Laine & James, 22 Rodney Road, Cheltenham, Gloucestershire GL50 1JJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 15/00, C01B 31/08**
- (11) **WO 03/037474** (13) A1
- (21) PCT/US02/34993
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) en (26) en
- (30) 60/334,837 **31 Oct/oct 2001 US (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PURIFICATION OF ORGANIC SOLVENTS
• PURIFICATION DE SOLVANTS ORGANIQUES
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).
- (72) **SNOBLE, Karel, A., J.**; 1016 Edinborough Drive, Norton Shores, MI 49442 (US). **CHEN, Shihan**; 752 W. Slippery Rock Drive, Palatine, IL 60067 (US). **BERSHITSKY, Alexander, M.**; 3700 Capri Court #202, Glenview, IL 60025 (US). **JOHNSON, Russ**; 143 Quincy Street, Elmhurst, IL 60126 (US).
- (74) **SZUCH, Colleen, C.** et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B01D 21/00**
- (11) **WO 03/037475** (13) A2
- (21) PCT/US02/34022
- (22) **24 Oct/oct 2002 (24.10.2002)**
- (25) en (26) en
- (30) 10/004,526 **29 Oct/oct 2001 US (29.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CENTRIFUGAL FILTRATION DEVICE
• DISPOSITIF DE FILTRATION CENTRIFUGE
- (71) **GORE ENTERPRISE HOLDINGS, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).
- (72) **CROUCH, Steven**; 104 Callard Run, Chapel Hill, NC 27514 (US). **WRIGHT, Steve**; 2229 Old NC 10 Highway, Hillsborough, NC 27278 (US). **STORM, Jeffrey**; 5212 Pelham Road, Durham, NC 27713 (US). **POON, Wai, S.**; 456 Stella Drive, Hockessin, DE 19707 (US). **STARK, Stephen, K.**; 2119 Duncan Road, Wilmington, DE 19808 (US). **THORPE, Daniel, W.**; 735 Letitia Drive, Hockessin, DE 19707 (US). **VOSHALL, Glenn, R.**; 525 Union Church Road, Elkton, MD 21921 (US).
- (74) **CAMPBELL, John, S.** et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B01D 29/07, 29/66, 39/16, 65/02**
- (11) **WO 03/037477** (13) A1
- (21) PCT/IP02/11387
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) ja (26) ja
- (30) 2001-335522 **31 Oct/oct 2001 JP (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • BACKWASHABLE FILTRATION APPARATUS AND METHOD OF BACKWASHING FILTRATION APPARATUS
• APPAREIL DE FILTRATION A LAVAGE A CONTRE-COURANT ET PROCEDE ASSOCIE
- (71) **PALL CORPORATION** [US/US]; 2200 Northern Boulevard, East Hills, NY 11548 (US).
- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B01D 21/24, 21/26**
- (11) **WO 03/037476** (13) A1
- (21) PCT/AU01/01457
- (22) **9 Nov/nov 2001 (09.11.2001)**
- (25) en (26) en
- (30) PR 8620 **2 Nov/nov 2001 AU (02.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • APPARATUS FOR TREATMENT OF CONTAMINATED LIQUIDS
• APPAREIL POUR LE TRAITEMENT DE LIQUIDES CONTAMINES
- (71) **QED CORPORATION LIMITED** [AU/AU]; Level 2, 322 Hay Street, Subiaco East, W.A. 6008 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WALKER, William** [AU/AU]; Level 2, 322 Hay Street, Subiaco East, W.A. 6008 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B01D 29/07, 29/66, 39/16, 65/02**
- (11) **WO 03/037477** (13) A1
- (21) PCT/IP02/11387
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) ja (26) ja
- (30) 2001-335522 **31 Oct/oct 2001 JP (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • BACKWASHABLE FILTRATION APPARATUS AND METHOD OF BACKWASHING FILTRATION APPARATUS
• APPAREIL DE FILTRATION A LAVAGE A CONTRE-COURANT ET PROCEDE ASSOCIE
- (71) **PALL CORPORATION** [US/US]; 2200 Northern Boulevard, East Hills, NY 11548 (US).

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

- (72, 75) SAKAMOTO, Atsushi [JP/JP]; c/o Nihon Pall Ltd. Tsukuba Plant, 46, Oaza Kasuminosato, Ami-machi, Inashiki-gun, Ibaraki 300-0315 (JP). KATAOKA, Hisayuki [JP/JP]; c/o Nihon Pall Ltd. Tsukuba Plant, 46, Oaza Kasuminosato, Ami-machi, Inashiki-gun, Ibaraki 300-0315 (JP).
- (74) SHAMOTO, Ichio et al. / etc.; YUASA AND HARA, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B01D 29/41

(11) WO 03/037478 (13) A2

(21) PCT/US02/32504

(22) 11 Oct/oct 2002 (11.10.2002)

(25) en (26) en

(30) 60/340,897 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • IMPROVED FILTER CELL DESIGN
• CONCEPTION AMELIOREE D'UNE CELLULE FILTRANTE

(71) MILLIPORE CORPORATION [US/US]; HUBBARD, John Dana, 80 Ashby Road, Bedford, MA 01730 (US).

(72) RENGANATH, Naren; 25 Beacon St., Apt 7B, Burlington, MA 01803 (US). PROULX, Stephen; 59 Liberty Square Road, Boxboro, MA 01719 (US).

(74) HUBBARD, John, Dana; Millipore Corporation, 80 Ashby Road, Bedford, MA 01730 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B01D 35/02

(11) WO 03/037479 (13) A1

(21) PCT/US02/32539

(22) 12 Oct/oct 2002 (12.10.2002)

(25) en (26) en

(30) 60/329,278 13 Oct/oct 2001 US (13.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • WATER FILTERING APPARATUS
• APPAREIL DESTINE AU FILTRAGE DE L'EAU

(71) PROFESSIONAL DENTAL MANUFACTURING, INC. [US/US]; 2410 Harrison Street, Batesville, AR 72503 (US).

(72) HAYNES, Ronald, W.; P.O. Box 312, Shirley, AR 72153 (US). SALE, David, William; 124 Whispering Oakes Avenue, Heber Springs, AR 72543 (US). MAY, Randall; HC 71, Box 163, Mountain View, AR 72550 (US).

(74) SAPONE, William, J.; Coleman Sudol Sapone P.C., 714 Colorado Avenue, Bridgeport, CT 06605 (US).

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

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

(51)⁷ B01D 39/16, 39/00, B29C 67/20

(11) WO 03/037480 (13) A1

(21) PCT/JP02/11158

(22) 28 Oct/oct 2002 (28.10.2002)

(25) ja (26) ja

(30) 2001-330642 29 Oct/oct 2001 JP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • HEAT-RESISTANT FILTER ELEMENT AND METHOD FOR PRODUCTION THEREOF
• FILTRE THERMORESISTANT ET PROCEDE DE PRODUCTION DE CE FILTRE

(71) NITTETSU MINING CO., LTD. [JP/JP]; 3-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8377 (JP).

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

(72, 75) NAKANISHI, Koji [JP/JP]; c/o Nittetsu Mining Co., Ltd., 8-1, Hirai, Hinode-machi, Nishitama-gun, Tokyo 190-0182 (JP). HAZEYAMA, Takeshi [JP/JP]; 7-1-1-606, Honcho 4-chome, Koga-shi, Ibaraki 306-0023 (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 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 B01D 39/18, 39/20

(11) WO 03/037481 (13) A1

(21) PCT/US02/17623

(22) 3 Jun/juin 2002 (03.06.2002)

(25) en (26) en

(30) 09/999,741 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • PULP AND CONJUGATE GLASS FIBER COMPOSITE
• COMPOSITE DE FIBRES DE PATE A PAPIER ET DE FIBRES DE VERRE CONJUGUEES

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

(72) BEAN, Karen, Hargett; 2530 Woodbrook Trail, Cumming, GA 30040 (US). MYERS, David, Lewis; 5970 Surrey Court, Cumming, GA 30040 (US). DEKA, Ganesh, Chandra; 10550 Stonepoint Place, Duluth, GA 30097 (US). STOKES, Bruce, George; 1042 Avery Creek Drive, Woodstock, GA 30188 (US). ESTES, Jerry, Wayne; 3371 Elm Creek Drive, Marietta, GA 30064 (US).

(74) DEAN, Ralph, H. et al. / etc.; Kimberly-Clark Worldwide, INC., 401 N. Lake Street, Neenah, WI 54956 (US).

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

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

Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

(51)⁷ B01D 46/00

(11) WO 03/037482 (13) A2

(21) PCT/EP02/11684

(22) 18 Oct/oct 2002 (18.10.2002)

(25) de (26) de

(30) 101 53 283.0 29 Oct/oct 2001 DE (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • HEAT-RESISTANT FILTER LAYER, FILTER BODY AND METHOD FOR THE PRODUCTION THEREOF

• COUCHE FILTRANTE THERMORESISTANTE, CORPS FILTRANT ET PROCEDE PERMETTANT DE LE PRODUIRE

- (71) EMITEC GESELLSCHAFT FÜR EMIS-
SIONSTECHNOLOGIE MBH [DE/DE];
Hauptstrasse 150, 53797 Lohmar (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) BRÜCK, Rolf [DE/DE]; Fröbelstrasse
12, 51429 Bergisch Gladbach (DE). HODG-
SON, Jan [DE/DE]; Moselstrasse 66, 53842
Troisdorf (DE).
- (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 SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 B01D 46/42, 35/143, 46/44, 46/46
(11) WO 03/037483 (13) A1
(21) PCT/EP02/11452
(22) 14 Oct/oct 2002 (14.10.2002)
(25) de (26) de
(30) 101 51 269.4 17 Oct/oct 2001 DE
(17.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • DEVICE AND METHOD FOR MONI-
TORING THE INTEGRITY OF FILTER-
ING INSTALLATIONS
• DISPOSITIF ET PROCEDE DE SUR-
VEILLANCE DE L'INTEGRITE D'INS-
TALLATIONS DE FILTRATION
- (71) SARTORIUS AG [DE/DE]; Weender Land-
strasse 94-108, 37075 Göttingen (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) JORNITZ, Maik [DE/US]; 1560
Yarrow Circle, Bellport, NY 11713 (US).
BAUMFALK, Reinhard [DE/DE]; Nikolais-
trasse 21, 37073 Göttingen (DE). LAUSCH,
Ralf [DE/DE]; Gallwiese 10, 37079 Göt-
tingen (DE). OLDENDORF, Christian
[DE/DE]; Zur Akelei 31, 37077 Göttingen
(DE). REIF, Oscar-Werner [DE/DE];
Geibelstrasse 8, 30173 Hannover (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA
CH CN CU CZ DE DK EE ES FI GB GE GH
GM HR HU ID IL IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT UA UG US UZ VN
YU ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 B01D 53/02
(11) WO 03/037484 (13) A1
(21) PCT/US02/35006
- (22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 60/336,327 31 Oct/oct 2001 US
(31.10.2001)
(30) 10/284,423 29 Oct/oct 2002 US
(29.10.2002)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • MATERIALS AND METHODS FOR
THE PURIFICATION OF INERT, NON-
REACTIVE, AND REACTIVE GASES
• MATERIAUX ET PROCEDES PER-
METTANT DE PURIFIER DES GAZ
INERTES, REACTIFS ET NON REAC-
TIFS
- (71) MATHESON TRI-GAS, INC. [US/US];
P.O. Box 624, Route 46 East, Parsippany, NJ
07054-0624 (US).
- (72) WATANABE, Tadaharu; 1995 E. Coal-
ton Road, Superior, CO 80027 (US).
FRAENKEL, Dan; 715 Monument Road,
Apt. #26, Ponca City, OK 74604 (US). TOR-
RES, Robert, Jr.; 16392 Maple Rock Court,
Parker, CO 80134 (US).
- (74) BURTON, Carol, W. et al. / etc.; Hogan &
Hartson, LLP, Suite 1500, 1200 17th Street,
Denver, CO 80202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ B01D 53/04
(11) WO 03/037485 (13) A1
(21) PCT/US02/24526
(22) 1 Aug/août 2002 (01.08.2002)
(25) en (26) en
(30) 10/003,179 31 Oct/oct 2001 US
(31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • MATERIALS AND METHODS FOR
THE PURIFICATION OF HYDRIDE
GASES
• MATERIAUX ET PROCEDES DE PURI-
FICATION DE GAZ D'HYDRURE
- (71) MATHESON TRI-GAS, INC. [US/US];
P.O. Box 624, Route 46 East, Parsippany, NJ
07054-0624 (US).
- (72) WATANABE, Tadaharu; 1995 E. Coal-
ton Road, Superior, CO 80027 (US).
FRAENKEL, Dan; 715 Monument Road,
Apt. #26, Ponca City, OK 74604 (US).
- (74) BURTON, Carol, W. et al. / etc.; Hogan &
Hartson LLP, Suite 1500, 1200 17th Street,
Denver, CO 80202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B01D 53/06
(11) WO 03/037486 (13) A1
(21) PCT/JP02/11200
(22) 29 Oct/oct 2002 (29.10.2002)
(25) ja (26) ja
(30) 2001/330279 29 Oct/oct 2001 JP
(29.10.2001)
(30) 2001/330281 29 Oct/oct 2001 JP
(29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • FLUE GAS TREATMENT APPARATUS
AND DESULFURIZATION METHOD
• APPAREIL DE TRAITEMENT DE GAZ
DE COMBUSTION ET PROCEDE DE
DESULFURATION
- (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) TATSUHARA, Kiyoshi [JP/JP]; c/o
Nagasaki Research & Development Cen-
ter, MITSUBISHI HEAVY INDUSTRIES,
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SUTAKE, Akinori [JP/JP]; c/o Nagasaki Re-
search & Development Center, MITSUBISHI
HEAVY INDUSTRIES, LTD., 717-1, Fuka-
hori-machi 5-chome, Nagasaki-shi, Nagasaki
851-0392 (JP). KURISAKI, Takashi [JP/JP];
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INDUSTRIES, LTD., 5-1, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-8315 (JP).
- (74) MITSUISHI, Toshiro et al. / etc.; Mitsui-
shi Law and Patent Office, Nihontanpahoso-
kaikan, 9-15, Akasaka 1-chome, Minato-ku,
Tokyo 107-0052 (JP).
- (81) CA CN KR US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ B01D 61/00, 61/02, F25C 1/00, 5/18, B6D
5/62, A23L 2/00, A23F 3/00, A23L 2/54,
B01F 3/04
(11) WO 03/037487 (13) A1
(21) PCT/US02/33897
(22) 23 Oct/oct 2002 (23.10.2002)
(25) en (26) en
(30) 10/045,301 26 Oct/oct 2001 US
(26.10.2001)
(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEMS AND METHODS WITH TREATED WATER

• SYSTEMES ET PROCÉDES UTILISANT DE L'EAU TRAITEE

(71, 72) BOSKO, Robert, S. [CA/US]; 3010 James Lovell Drive, San Antonio, TX 78219 (US).

(74) MAKAY, Christopher, L. et al. / etc.; 1634 Milam Building, 115 East Travis Street, San Antonio, TX 78205 (US).

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

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

(51)⁷ B01D 61/14, C01F 7/56, 7/62

(11) WO 03/037488 (13) A1

(21) PCT/SE02/01793

(22) 2 Oct/oct 2002 (02.10.2002)

(25) en (26) en

(30) 01850185.8 1 Nov/nov 2001 EP (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TREATMENT OF POLYALUMINIUM COMPOUNDS

• TRAITEMENT DE COMPOSES DE POLYALUMINIUM

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(72, 75) HULTÉN, Felix [SE/SE]; Grevebergsgatan 33, S-421 56 Västra Frölunda (SE).

(74) VIKHOLM, Tommy; Eka Chemicals AB, Patent Department, P.O. Box 11556, S-100 61 Stockholm (SE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B01D 63/08, 65/04, 69/06, C02F 3/06, B01D 69/10

(11) WO 03/037489 (13) A1

(21) PCT/DE02/03956

(22) 19 Oct/oct 2002 (19.10.2002)

(25) de (26) de

(30) 101 51 833.1 24 Oct/oct 2001 DE (24.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PLATE FILTRATION MODULE

• MODULE DE FILTRATION A ELEMENTS PLATS

(71) A3-ABWASSER-ABFALL-ANLAGEN-TECHNIK GMBH [DE/DE]; Magdeburger Strasse 16a, 45881 Gelsenkirchen (DE).
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(72, 75) BRÜSS, Ulrich [DE/DE]; Eschkamp 20, 48301 Nottuln (DE).

(74) VOMBERG, Friedhelm; Schulstrasse 8, 42653 Solingen (DE).

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

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

Published / Publiée : (c)

(51)⁷ B01D 71/02, 53/22, C01B 3/50

(11) WO 03/037490 (13) A1

(21) PCT/NO02/00387

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 20015327 31 Oct/oct 2001 NO (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A SOLID MULTICOMPONENT MIXED PROTON AND ELECTRON CONDUCTING MEMBRANE

• MEMBRANE SOLIDE CONDUCTRICE DE PROTONS ET D'ELECTRONS MELANGES MULTICOMPOSANT

(71) NORSK HYDRO ASA [NO/NO]; N-0240 Oslo (NO).

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(74) JOHNSEN, Venche, Høines; 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B01F

(11) WO 03/037491 (13) A2

(21) PCT/US02/34244

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 60/330,624 26 Oct/oct 2001 US (26.10.2001)

(30) 10/021,243 19 Dec/déc 2001 US (19.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MICROFLUIDIC MICROMIXER

• MICRO-MIXEUR A MICRO-FLUIDE

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(74) JAGTIANI, Ajay; JAGTIANI + GUTTAG, 10379-B Democracy Lane, Fairfax, VA 22030 (US).

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

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

Declarations / Déclarations :

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

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

(f) for all designations / pour toutes les
désignations; (t) for all designations / pour
toutes les désignations; (i) for all designations /
pour toutes les désignations; (j) for the following
designations / pour les désignations suivantes :

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

(u) for / pour US only / seulement

(51)⁷ B01F 3/04

(11) WO 03/037492 (13) A1

(21) PCT/US02/33896

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 10/045,239 26 Oct/oct 2001 US
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HOLLOW FIBER CARBONATION

- CARBONATATION DE FIBRES CREUSES

(71) LANCER PARTNERSHIP, LTD. [US/US]; 6655 Lancer Boulevard, San Antonio, TX 78219 (US).

(72) BOSKO, Robert, S.; 3010 James Lovell Drive, San Antonio, TX 78219 (US).

(74) MAKAY, Christopher, L. et al. / etc.; 1634 Milam Building, 115 East Travis Street, San Antonio, TX 78205 (US).

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

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

(51)⁷ B01F 3/08, 5/04

(11) WO 03/037493 (13) A1

(21) PCT/SE02/01950

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 0103591-4 29 Oct/oct 2001 SE
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A METHOD AND AN APPARATUS FOR THE CONTINUOUS MIXING OF TWO FLOWS

- PROCEDE ET DISPOSITIF DE MELANGE CONTINU DE DEUX COURANTS

(71) TETRA LAVAL HOLDINGS & FINANCE SA [CH/CH]; Avenue Général-Guisan 70, CH-1009 Pully (CH).

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(74) BRUNNSTRÖM, Gunilla; Patent Department, AB Tetra Pak, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B01F 15/00, 7/16

(11) WO 03/037494 (13) A1

(21) PCT/US02/34109

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 10/039,930 27 Oct/oct 2001 US
(27.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MIXER WITH PIVOTABLE BOWL

- MALAXEUR AVEC BAC PIVOTANT

(71) PREMARK FEG L.L.C. [US/US]; 1300 Market Street, Suite 504, Wilmington, DE 19801 (US).

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(72, 75) BRUNSWICK, Brian, A. [US/US]; 1331 Stonycreek Road, Troy, OH 45373 (US). HUANG, Joseph, C. [US/US]; 6837 Morrow Drive, Dayton, OH 45415 (US).

(74) BADER, Brian, E. [US/US]; 25 East Home Road, Springfield, OH 45504 (US). BARON, John, C. [US/US]; 2746 Fairview Court, Troy, OH 45373 (US).

(74) LEVY, Mark, P. et al. / etc.; Thompson Hine LLP, 2000 Courthouse Plaza NE, Post Office Box 8801, Dayton, OH 45401-8801 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 17/00

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(21) PCT/EP02/11901

(22) 24 Oct/oct 2002 (24.10.2002)

(25) de (26) de

(30) 101 54 103.1 2 Nov/nov 2001 DE
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BIOLOGICALLY DEGRADABLE COMPOSITIONS

- COMPOSITIONS BIODEGRADABLES

(71) COGNIS DEUTSCHLAND GMBH & CO. KG [DE/DE]; Henkelstr. 67, 40589 Düsseldorf (DE).

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(72, 75) HELD, Uwe [DE/DE]; Emil-Schniewind-Strasse 5, 42553 Velbert (DE). BAUMANN, Carsten [DE/DE]; Zur Kornkammer 16, 50933 Köln (DE). HELDT, Sandra [DE/DE]; Am Stadtweilher 1, 40699 Erkrath (DE). SCHARES, Horst-Dieter [DE/DE]; Naheweg 11, 40699 Erkrath (DE). WILLING, Andreas [DE/DE]; Johannisbergerstr. 56, 40699 Erkrath (DE).

(81) CA US.

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

Declaration / Déclaration :

(t) for the following designations / pour les désignations suivantes : CA EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(51)⁷ B01F 17/00

(11) WO 03/037496 (13) A1

(21) PCT/FR02/03607

(22) 22 Oct/oct 2002 (22.10.2002)

(25) fr (26) fr

(30) 01/14085 29 Oct/oct 2001 FR
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • EMULSION CONTAINING AN OPPOSITELY-CHARGED SURFACTANT AND POLYMER AND THE PRODUCTION METHOD THEREFOR

- EMULSION A BASE DE TENSIOACTIF ET DE POLYMERES DE CHARGE OPPOSEE ET PROCEDE DE FABRICATION

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(74) ELMALEH, Alfred; Institut Français du Pétrole, 1 & 4, avenue de Bois Préau, F-92852 Rueil Malmaison Cedex (FR).

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

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

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

Published / Publiée : (c)

(51)⁷ B01J

(11) WO 03/037497 (13) A2

(21) PCT/US02/31607

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/330,788 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF ETCHING HIGH ASPECT
RATIO FEATURES

- PROCEDE PERMETTANT DE GRA-
VER DES CARACTERISTIQUES DE
GRAND ALLONGEMENT

(71) TOKYO ELECTRON LIMITED [JP/JP];
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(72, 75) MOSDEN, Aelan [US/US]; 3 Just-
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(74) CASEY, Michael, R.; Oblon, Spivak, Mc-
Clelland, Maier & Neustadt, P.C., 1940 Duke
Street, Alexandria, VA 22314 (US).

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

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

(51)⁷ B01J 2/00

(11) WO 03/037498 (13) A2

(21) PCT/FR02/03650

(22) 24 Oct/oct 2002 (24.10.2002)

(25) fr (26) fr

(30) 01/14015 30 Oct/oct 2001 FR
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE FOR PRODUCING POWDER
BY AEROSOL PYROLYSIS

- DISPOSITIF DE FABRICATION DE
POUDRE PAR PYROLYSE D'AERO-
SOL

(71) DGTEC [FR/FR]; 304, rue de Corporat,
F-38430 Moirans (FR).

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

(72, 75) BARET, Guy [FR/FR]; 21, rue Jules
Ferry, F-38500 Voiron (FR).

(74) HECKE, G. et al. / etc.; Cabinet Hecke,
WTC Europole, 5, place Robert Schuman, BP
1537, F-38025 Grenoble Cedex 1 (FR).

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

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

(51)⁷ B01J 8/00, 8/22, 19/24, 19/00, C08F 2/01

(11) WO 03/037499 (13) A1

(21) PCT/EP02/12111

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 01309185.5 30 Oct/oct 2001 EP
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • POLYMERISATION REACTOR

- REACTEUR DE POLYMERISATION

(71) BOREALIS TECHNOLOGY OY [FI/FI];
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(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MELAAEN, Ingrid, S. [NO/NO];
Planetv. 18, N-3942 Skjelsvik (NO). ALLE-
MEERSCH, Paul [BE/BE]; Baalmolenstraat
4, B-3980 Tessenderlo (BE). VÅRDAL,
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N-3739 Skien (NO). OLSEN, Ben, Arve
[NO/NO]; Siriusvn 59, N-3942 Porsgrunn
(NO). GRIMSLAND, Lars, Tore [NO/NO];
Gjomleåsen 10, N-3970 Langesund (NO).
AASTAD, Tone [NO/NO]; Skolemesteren 4,
N-3960 Stathelle (NO).

(74) JACKSON, Robert et al. / etc.; Frank B.
Dehn & Co., 179 Queen Victoria Street, Lon-
don 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 NO NZ OM PH PL
PT RO RU SD SE SG SI SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ B01J 8/38, 2/00, 2/16, B01F 3/18, 7/32

(11) WO 03/037500 (13) A1

(21) PCT/JP02/11071

(22) 25 Oct/oct 2002 (25.10.2002)

(25) ja (26) ja

(30) 2001-331023 29 Oct/oct 2001 JP
(29.10.2001)

(30) 2002-200690 10 Jul/juil 2002 JP
(10.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE FOR TREATING POWDER
PARTICLES BY ROTARY FLOW

- DISPOSITIF POUR LE TRAITEMENT
DE PARTICULES DE POUDRE PAR
COURANT ROTATIF

(71) NARA MACHINERY CO., LTD. [JP/JP];
5-7, Jonan-jima 2-chome, Ota-ku, Tokyo 143-
0002 (JP).

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

(72, 75) WAKAMATSU, Yoshihiro [JP/JP]; c/o
Nara Machinery Co., Ltd., 5-7, Jonan-jima
2-chome, Ota-ku, Tokyo 143-0002 (JP).
WATANO, Satoru [JP/JP]; 5-6-4, Hira-
nohonmachi, Hirano-ku, Osaka-shi, Osaka
547-0044 (JP).

(74) INABA, Shigeru; NARUSE, INABA & IN-
AMI, Hanabishi Imas Hirakawacho Building,
4th Floor, 3-11, Hirakawacho 2-chome, Chiyo-
oda-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
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 B01J 19/00, C08F 2/01

(11) WO 03/037501 (13) A1

(21) PCT/EP02/11754

(22) 21 Oct/oct 2002 (21.10.2002)

(25) de (26) de

(30) 101 54 045.0 2 Nov/nov 2001 DE
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR PRODUCING
(CO)POLYMERS OF OLEFINICALLY
UNSATURATED MONOMERS

- PROCEDE DE PRODUCTION DE
(CO)POLYMERES A PARTIR DE MO-
NOMERES OLEFINIQUEMENT INSA-
TURES

(71) BASF COATINGS AG [DE/DE]; Glasurit-
str. 1, 48165 Münster (DE).

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

(72, 75) BAUMGART, Hubert [DE/DE]; Am
Dornbusch 44a, 48163 Münster (DE). JUNG,
Werner-Alfons [DE/DE]; Uhrwerkerstr. 55,
59387 Ascheberg (DE). RINK, Heinz-Peter

- [DE/DE]; Lohöfener Weg 44, 48153 Münster (DE). **HAGEMEISTER, Edeltraud** [DE/DE]; Am Fiskediek 31, 42268 Greven (DE). **RÖCKRATH, Ulrike** [DE/DE]; Vikarsbusch 8, 48308 Senden (DE).
- (74) **FITZNER, Uwe**; Lintorfer Str. 10, 40878 Ratingen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **B01J 19/00, B01F 13/00**
- (11) **WO 03/037502** (13) A1
- (21) PCT/GB02/04953
- (22) **1 Nov/nov 2002 (01.11.2002)**
- (25) en (26) en
- (30) 0126281.5 **1 Nov/nov 2001 GB (01.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **A MICRO-ENGINEERED CHEMICAL REACTOR**
- **REACTEUR CHIMIQUE FABRIQUE PAR MICRO-TECHNIQUE**
- (71) **ASTRAZENECA AB** [SE/SE]; S-151 85 Söderstälje (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHAW, John, Edward, Andrew** [GB/GB]; 45 Colne Avenue, West Drayton, Middlesex UB7 7AL (GB). **SHUTE, Richard, Eden** [GB/GB]; 210 Prestbury Road, Macclesfield, Cheshire SK10 3HL (GB).
- (74) **LAURENCE SHAW & ASSOCIATES**; Metropolitan House, 1 Hagley Road, Edgbaston, Birmingham B16 8TG (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B01J 19/12, 19/08, H05H 1/46**
- (11) **WO 03/037503** (13) A1
- (21) PCT/JP01/09497
- (22) **30 Oct/oct 2001 (30.10.2001)**
- (25) ja (26) ja
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **MICROWAVE PLASMA GENERATING APPARATUS**
- **APPAREIL A MICRO-ONDES GENERATEUR DE PLASMA**
- (71, 72) **ANZAI, Setsu** [JP/JP]; 2-2-16-103, Mita, Minatoku, Tokyo 108-0073 (JP). **KATAYAMA, Hideo** [JP/JP]; 3-39-4, Kamiikegami, Ootaku, Tokyo 145-0064 (JP).
- (81) BR CA CN GB JP KR NZ RU SG US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **B01J 19/12, C02F 1/30, 1/32, A61L 2/02, 2/10, 2/16, C02F 1/50, 1/72**
- (11) **WO 03/037504** (13) A1
- (21) PCT/JP02/10417
- (22) **7 Oct/oct 2002 (07.10.2002)**
- (25) ja (26) ja
- (30) 2001-338422 **2 Nov/nov 2001 JP (02.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **VIBRATORY STIRRER FOR STERILIZATION AND STERILIZER AND STERILIZATION METHOD EMPLOYING VIBRATORY STIRRER**
- **AGITATEUR VIBRATOIRE POUR STERILISATION ET STERILISATEUR AINSI QUE PROCEDE DE STERILISATION FAISANT APPEL A CET AGITATEUR VIBRATOIRE**
- (71) **JAPAN TECHNO CO., LTD.** [JP/JP]; 14-10, Kugahara 2-chome, Ota-ku, Tokyo 146-0085 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OMASA, Ryushin** [JP/JP]; 28-11, Kataseyama 5-chome, Fujisawa-shi, Kanagawa 251-0033 (JP).
- (74) **YAMASHITA, Johei; YAMASHITA & ASSOCIATES, Toranomom 40th MT Bldg., 13-1, Toranomom 5-chome, Minato-ku, Tokyo 105-0001 (JP).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B01J 20/32, 13/02, B01D 15/00, C12P 1/00**
- (11) **WO 03/037505** (13) A1
- (21) PCT/EP02/12050
- (22) **28 Oct/oct 2002 (28.10.2002)**
- (25) en (26) en
- (30) 01204122.4 **29 Oct/oct 2001 EP (29.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **SORPTIVE COMPOSITE MATERIALS**
- **MATERIAUX COMPOSITES SORBANTS**
- (71) **TENAXIS GMBH** [CH/CH]; c/o Institut für Biotechnologie, ETH Hönggerberg, CH-8093 Zürich (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HELD, Martin** [DE/DE]; Heinrich-Küderli-Strasse 5/2, 71332 Waiblingen (DE). **PELLAUX, René** [CH/CH]; Sihlfeldstrasse 150, CH-8004 Zürich (CH). **HEILE, Jens-Martin** [DE/DE]; Keltenstrasse 5, 71640 Ludwigsburg (DE). **SCHENZLE, Andreas, Josef** [DE/DE]; Unteres Ried 3, 88690 Uhldingen-Mühlhofen (DE).
- (74) **PRINS, A.W.**; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B01J 21/06, 23/10, 35/00, 37/03, B01D 53/94**
- (11) **WO 03/037506** (13) A1
- (21) PCT/GB02/04915
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) en (26) en
- (30) 2001-336703 **1 Nov/nov 2001 JP (01.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **PROCESS FOR PREPARING ZIRCONIUM-CERIUM-BASED MIXED OXIDES**
- **PROCEDE DE PREPARATION D'OXYDES MELANGES A BASE DE ZIRCONIUM ET DE CERIUM**
- (71) **MAGNESIUM ELEKTRON LTD.** [GB/GB]; The Victoria, Harbour City, Salford Quays, Manchester M5 2SP (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKAO, Yasuhide** [JP/JP]; Shimizu Works, Nippon Light Metal Co., Ltd., 4025-1, Miho, Shimizu, Shizuoka, 424-0901 (JP). **NORMAN, Colin** [GB/GB]; MEL Chemicals, PO Box 6, Lumn's Lane, Swinton, Manchester M27 8LS (GB). **EDWARDS, Gavin** [GB/GB]; MEL Chemicals, PO Box 6, Lumn's Lane, Swinton, Manchester M27 8LS (GB). **CHISEM, Ian** [GB/GB]; MEL Chemicals, PO Box 6, Lumn's Lane, Swinton, Manchester M27 8LS (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 23/38, 20/04, F01N 3/08, B01D 53/94
(11) WO 03/037507 (13) A1
(21) PCT/GB02/04750
(22) 21 Oct/oct 2002 (21.10.2002)
(25) en (26) en
(30) 0126346.6 2 Nov/nov 2001 GB (02.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • EXHAUST LINE FOR AN INTERNAL COMBUSTION ENGINE
• LIGNE D'ÉCHAPPEMENT POUR MOTEUR A COMBUSTION INTERNE
(71) JOHNSON MATTHEY PUBLIC LIMITED COMPANY [GB/GB]; 2-4 Cockspar Street, Trafalgar Square, London SW1Y 5BQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) CHIFFEY, Andrew, Francis [GB/GB]; Johnson Matthey Plc, CSD Technology Centre, Orchard Road, Royston SG8 5HE (GB). PHILLIPS, Paul, Richard [GB/GB]; 71 Redwing Rise, Royston SG8 7XU (GB).
(74) NUNN, Andrew, Dominic; Johnson Matthey Technology Centre, Blounts Court, Sonning Common, Reading RG4 9NH (GB).
(81) JP KR US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ B01J 23/46, 37/18, 31/18
(11) WO 03/037508 (13) A2
(21) PCT/EP02/11885
(22) 24 Oct/oct 2002 (24.10.2002)
(25) en (26) en
(30) MI2001A002267 29 Oct/oct 2001 IT (29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • PREPARATION AND USE OF A HETEROGENEOUS CATALYST FOR THE HYDROGENATION OF A DOUBLE BOND OF AN α,β -UNSATURATED CARBONYL COMPOUND
• PREPARATION ET UTILISATION D'UN CATALYSEUR HETEROGENE POUR HYDROGENER UNE LIAISON DOUBLE D'UN COMPOSE CARBONYLE SG(A),SG(B)-NON SATURE
(71) CHEMI S.P.A. [IT/IT]; Via dei Lavoratori, 54, I-20092 Cinisello Balsamo (IT).
- (72) PICCOLO, Oreste; Via Bornò, 5, I-23896 Sirtori (IT). VERRAZZANI, Alessandra; Via Carlo Morandi, 35, I-56124 Pisa (IT).
- (74) MARCHI, Massimo et al. / etc.; Marchi & Partners S.r.l., Via Pirelli, 19, I-20124 Milano (IT).
- (81) BR.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ B01J 35/00, 23/30, 27/224
(11) WO 03/037509 (13) A1
(21) PCT/FR02/03697
(22) 28 Oct/oct 2002 (28.10.2002)
(25) fr (26) fr
(30) 01/13984 29 Oct/oct 2001 FR (29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • PHOTOCATALYST AND A METHOD OF PURIFYING GASEOUS EFFLUENTS
• PHOTOCATALYSEUR ET PROCEDE DE PURIFICATION D'EFFLUENTS GAZEUX
(71) SICAT [FR/FR]; 14 avenue Hoche, F-75008 (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR). UNIVERSITE LOUIS PASTEUR DE STRASBOURG [FR/FR]; 4, rue Blaise Pascal, F-67000 Strasbourg (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SPITZER-KELLER, Valérie [FR/FR]; 4, rue Kurnagel, F-67200 Strasbourg (FR). BERNHARDT, Pierre [FR/FR]; 189 Oberweg, F-67190 Heiligenberg (FR). PHAM-HUU, Cuong [FR/FR]; 3, rue des Eglises, F-67700 Savernes (FR). GARIN, Francois [FR/FR]; 16 rue du Nideck, F-67300 Schiltigheim (FR). LEDOUX, Marc [FR/FR]; 11, rue d'Ussé, F-67000 Strasbourg (FR). PHAM-HUU, Charlotte [FR/FR]; 3, rue des Eglises, F-67700 Savernes (FR).
(74) PECHINEY; Pigasse Daniel, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ B01J 35/02, 31/02 // C07C 45/29, 47/55, 47/575, C07B 61/00
(11) WO 03/037510 (13) A1
(21) PCT/JP02/08972
(22) 4 Sep/sep 2002 (04.09.2002)
(25) ja (26) ja
(30) 2001-331307 29 Oct/oct 2001 JP (29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • PHOTOCATALYST
• PHOTOCATALYSEUR
(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) FUKUZUMI, Shunichi [JP/JP]; 2-9-7-101, Tokura-nishi, Toyonaka-shi, Osaka 561-0844 (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) 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 B01J 35/10, 29/03, C01B 37/02, 37/00, B01J 37/03
(11) WO 03/037511 (13) A1
(21) PCT/CA02/01682
(22) 1 Nov/nov 2002 (01.11.2002)
(25) en (26) en
(30) 60/330,847 1 Nov/nov 2001 US (01.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • METHOD OF PREPARING HIGHLY ORDERED MESOPOROUS MOLECULAR SIEVES
• PROCEDE DE PREPARATION DE TAMIS MOLECULAIRES MESOPOREUX PRECISEMENT CALIBRES
(71) SILICYCLE INC. [CA/CA]; 1200, rue Saint-Jean-Baptiste, Suite 114, Québec, Québec G1E 5E8 (CA).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) FORTIER, Luc [CA/CA]; 747, rue du Rhône, Charlesbourg, Québec G1W 3Y1 (CA). FOURNIER, Pierre [CA/CA]; 1165, rue Belvédère, apt. 1, Québec, Québec G1S 3G4 (CA). KALIAGUINE, Serge [CA/CA]; 2152, Légaré, Lac Saint-Charles, Québec G3G 1A3 (CA). TRONG ON, Do [CA/CA]; 2584, Lapointe, Sainte-Foy, Québec G1W 1A8 (CA).
(74) OGILVY RENAULT et al. / etc.; Suite 1600, 1981 McGill College Avenue, Montréal, Québec H3A 2Y3 (CA).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK 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

(11) WO 03/037512 (13) A2

(21) PCT/US02/34649

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/340,592 29 Oct/oct 2001 US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MULTIPLE CHAMBER CONTAINMENT SYSTEM

• SYSTEME DE CONFINEMENT A CHAMBRES MULTIPLES

(71) REVEO, INC. [—/US]; 85 Executive Boulevard, Elmsford, NY 10523 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FARIS, Sadeg, M. [US/US]; 24 Pocantico River Road, Pleasantville, NY 10570 (US). TSAI, Tsepin [CN/US]; 312 North Greeley Avenue, Chappaqua, NY 10514 (US).

(74) CRISPINO, Ralph, J.; Reveo, Inc., 85 Executive Blvd., Elmsford, NY 10523 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B01L 3/02

(11) WO 03/037513 (13) A2

(21) PCT/EP02/12211

(22) 31 Oct/oct 2002 (31.10.2002)

(25) de (26) de

(30) 201 17 914.8 2 Nov/nov 2001 DE
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SAMPLE DISPENSING DEVICE

• DISPOSITIF DE DISTRIBUTION D'ÉCHANTILLONS

(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) BAZZANELLA, Alexis [DE/DE]; c/o EVOTEC OAI AG, Schnackenburgallee 114, 22525 Hamburg (DE). PUMP, Dennis [DE/DE]; c/o EVOTEC OAI AG, Schnackenburgallee 114, 22525 Hamburg (DE). WERNER, Irmgard [DE/DE]; c/o EVOTEC OAI AG, Schnackenburgallee 114, 22525 Hamburg (DE). KEHLENBECK, Markus [DE/DE]; c/o EVOTEC OAI AG, Schnackenburgallee 114, 22525 Hamburg (DE).

(74) VON KIRSCHBAUM, Alexander 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B01L 7/00

(11) WO 03/037514 (13) A2

(21) PCT/US02/34754

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/339,904 30 Oct/oct 2001 US
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR TEMPERATURE GRADIENT MICROFLUIDICS

• PROCEDE ET APPAREIL POUR LA MICROFLUIDIQUE A GRADIENT DE TEMPERATURE

(71) THE TEXAS A & M UNIVERSITY SYSTEM [US/US]; 707 Texas Avenue, Bldg. A, Suite 201, College Station, TX 77840 (US).

(72) CREMER, Paul, S.; 3009 Bolero Street, College Station, TX 77845 (US). MAO, Hanbi; 200 Charles Haltom Ave., Apt. 7D, College Station, TX 77840 (US). YANG, Tinglu; 512 First St. Apt. 2, College Station, TX 77840 (US).

(74) REESE, Raymond; Howrey Simon Arnold & White, LLP, 750 Bering Drive, Houston, TX 77057-2198 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B01L 9/00, 3/02

(11) WO 03/037515 (13) A1

(21) PCT/US02/30579

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 10/045,518 26 Oct/oct 2001 US
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ROBOTIC SYSTEM HAVING POSITIONALLY ADJUSTABLE MULTIPLE PROBES

• SYSTEME ROBOTIQUE DOTE DE SONDES MULTIPLES A POSITION REGLABLE

(71) PERSEPTIVE BIOSYSTEMS, INC. [US/US]; 500 Old Connecticut Path, Framingham, MA 01701 (US).

(72) STOKES, Jeffrey, H.; 37 Jackson Circle, Franklin, MA 02038 (US). LONDO, Thomas, R.; 8 Walkup Lane, Ashland, MA 01721 (US).

(74) ANDREW, T., KARNAKIS, Esq.; Perseptive Biosystems, Inc., 500 Old Connecticut Path, Framingham, MA 01701 (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 B02C 19/00, 13/18

(11) WO 03/037516 (13) A1

(21) PCT/AU02/01475

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) PR 8583 30 Oct/oct 2001 AU
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AN IMPACTOR ANVIL

• ENCLUME DE CONCASSEUR A IMPACT

(71) CRUSHING AND MINING EQUIPMENT PTY LTD [AU/AU]; Cnr Lee Road & Macedonia Street, Naval Base, Western Australia 6165 (AU).

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

(72, 75) STRAUSS, Graham [AU/AU]; 60 Cheltenham Road, Cheltenham, New South Wales 2119 (AU). HALE, Peter [AU/AU]; 44 Baker Street, Merrylands, New South Wales 2160 (AU).

(74) GRIFFITH HACK; GPO Box 4164, Sydney, New South Wales 2001 (AU).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B03B

(11) WO 03/037517 (13) A2

(21) PCT/US02/34843

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/339,902 30 Oct/oct 2001 US
(30.10.2001)

(30) Not furnished / non communiqué 28 Oct/oct 2002 US
(28.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • CONCRETE RECOVERY METHOD AND SYSTEM
• PROCEDE ET SYSTEME DE RECUPE-
RATION DE BETON

(71) **BMP ENVIRONMENTAL GROUP, INC.** [US]; 30251 Golden Lantern, Suite E-204, Laguna Niguel, CA 92677 (US).

(72) **RAPOSA, Manuel, Marques**; 3658 East 45th Avenue, Vancouver, British Columbia V5R 3G4 (CA). **DEAN, Ilmud**; 8980 Erin Avenue, Burnaby, British Columbia V#N 4E8 (CA). **DOBCHUK, Rudie, Allen**; #7-50 Heet Creek Drive, Port Moody, British Columbia V3H 5E2 (CA).

(74) **KLEINKE, Bernard, L. et al.** / etc.; Foley & Lardner, 402 West Broadway, Suite 2300, San Diego, CA 92101-7913 (US).

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

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

(51)⁷ B03C 3/16

(11) WO 03/037518 (13) A1

(21) PCT/US02/34623

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 10/036,019 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FLUID UTILIZED IN APPARATUS FOR PURIFYING AIR
• FLUIDE UTILISE DANS UN APPAREIL DE PURIFICATION D'AIR

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **WILLEY, Alan, David**; 377 Compton Road, Cincinnati, OH 45215 (US). **GARSTEIN, Vladimir**; 11187 Huntwicke Place, Cincinnati, OH 45241 (US). **VERHOFF, Marta, Lea**; 5715 Signal Pointe Drive, #103, Cincinnati, OH 45247 (US). **YAZICI, Mehmet, Suha**; 6005 Comanche Court, "E", Parma Heights, OH 44130 (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 SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

(51)⁷ B03C 3/16, 3/011

(11) WO 03/037519 (13) A1

(21) PCT/US02/34624

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 10/039,854 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS AND METHOD FOR PURIFYING AIR

• APPAREIL ET PROCEDE DE PURIFICATION DE L'AIR

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **WILLEY, Alan, David**; 377 Compton Road, Cincinnati, OH 45215 (US). **GARSTEIN, Vladimir**; 11187 Huntwicke Place, Cincinnati, OH 45241 (US). **GAW, Chinto, Benjamin**; 2264 Regis Court, Cincinnati, OH 45244 (US). **VERHOFF, Marta, Lea**; 5715 Signal Pointe Drive, #103, Cincinnati, OH 45247 (US). **SAUNDERS, James, Henry**; 2009 Samada Avenue, Worthington, OH 43085 (US). **JEFFERSON, Jean, Angela**; 12 Merlin Drive, "F", Fairfield, OH 45014 (US). **YOUNGQUIST, Robert, Scott**; 8511 Charleston Knoll Court, Mason, OH 45040 (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 SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

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

(51)⁷ B03C 3/16

(11) WO 03/037520 (13) A2

(21) PCT/US02/34625

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 10/039,854 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DYNAMIC ELECTROSTATIC FILTER APPARATUS FOR PURIFYING AIR USING ELECTRICALLY CHARGED LIQUID DROPLETS

• APPAREIL DE FILTRATION ELECTROSTATIQUE DYNAMIQUE POUR PURIFIER L'AIR AU MOYEN DE GOUTTELETTES LIQUIDES CHARGES ELECTRIQUEMENT

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **WILLEY, Alan, David**; 377 Compton Road, Cincinnati, OH 45215 (US). **GARSTEIN, Vladimir**; 11187 Huntwicke Place, Cincinnati, OH 45241 (US). **GAW, Chinto, Benjamin**; 2264 Regis Court, Cincinnati, OH 45244 (US).

(74) **REED, T., David et al.** / etc.; The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

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

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

Published / Publiée : (i)

(51)⁷ B04B 5/12, F01M 11/03, 13/04

(11) WO 03/037521 (13) A1

(21) PCT/SE02/01971

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 0103631-8 1 Nov/nov 2001 SE (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AN APPARATUS FOR SIMULTANEOUS CLEANING OF A LIQUID AND A GAS

• APPAREIL DE NETTOYAGE SIMULTANE D'UN GAZ ET D'UN LIQUIDE

(71) ALFA LAVAL CORPORATE AB [SE/SE]; BOX 73, S-221 00 LUND (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HÄLLGREN, Ingvar [SE/SE]; Fältvägen 30, S-147 41 TUMBA (SE). LARSSON, Leif [SE/SE]; Viltstigen 39, S-147 00 TUMBA (SE). LJUNGSTRÖM, Rolf [SE/SE]; Järnsåldersväg 26, S-610 73 VAGNHÄRAD (SE).

(74) CLIVEMO, Ingemar; ALFA LAVAL CORPORATE AB, Hans Stahles väg, S-147 80 TUMBA (SE).

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

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

(51)⁷ B04B 11/04

(11) WO 03/037522 (13) A1

(21) PCT/EP02/11619

(22) 17 Oct/oct 2002 (17.10.2002)

(25) de (26) de

(30) 101 53 353.5 29 Oct/oct 2001 DE (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE FOR DETERMINING THE RESIDUAL LIQUID CONTENT OF SOLIDS CAKES IN CENTRIFUGES

• DISPOSITIF POUR DETERMINER LA TENEUR RESIDUELLE EN LIQUIDE DE GATEAUX DE SOLIDES DANS DES CENTRIFUGES

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

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

(72, 75) KESSLER, Ruth [DE/DE]; Am Borsberg 44, 51375 Leverkusen (DE). BERG, Karl, Helmut [DE/DE]; Nittumer Weg 69, 51467 Bergisch Gladbach (DE). PATTBURG, Karl-Gustav [DE/DE]; Friedrich-Ebert-Str. 128, 50374 Erfstadt (DE). DICK, Werner [DE/DE]; Solingerstr. 17, 51371 Leverkusen (DE).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

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

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

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 B04B 14/10, 7/12, 18/02, 40/06

(11) WO 03/037523 (13) A1

(21) PCT/FI02/00853

(22) 1 Nov/nov 2002 (01.11.2002)

(25) fi (26) en

(30) 20012116 1 Nov/nov 2001 FI (01.11.2001)

(30) 20021445 5 Aug/août 2002 FI (05.08.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BINDER ADMIXTURE, KAOLIN PRODUCT AND THEIR MANUFACTURE
• ADJUVANT POUR LIANT, PRODUIT DE KAOLIN, ET LEUR FABRICATION

(71) KAUTAR OY [FI/FI]; Köysiö 238, FIN-37800 Toijala (FI).

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

(72, 75) VIRTANEN, Pentti [FI/FI]; Köysiö 238, FIN-37800 Toijala (FI).

(74) SEPPO LAINE OY; Itämerenkatu 3 B, FIN-00180 Helsinki (FI).

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

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

(51)⁷ B04C 5/04, 5/081

(11) WO 03/037524 (13) A1

(21) PCT/EP02/12065

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 01402809.6 30 Oct/oct 2001 EP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A CENTRIFUGAL SEPARATOR, IN PARTICULAR FOR A FLUIDIZED BED REACTOR DEVICE

• SEPARATEUR CENTRIFUGE DESTINE EN PARTICULIER A UN DISPOSITIF REACTEUR A LIT FLUIDISE

(71) ALSTOM (SWITZERLAND) LTD [CH/CH]; Brown Boveri Str. 7 / 699 / 5, CH-5401 BADEN (CH).

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

(72, 75) BAGLIONE, Daniel [FR/FR]; 26 Villa Remond, F-94250 GENTILLY (FR). SEMEDARD, Jean-Claude [FR/FR]; 5 Rue Georges Saché, F-75014 PARIS (FR). GAUVILLE, Pierre [FR/FR]; 9 Chemin de Paron, F-91370 VERRIERES (FR). MORIN, Jean-Xavier [FR/FR]; 39 Rue du Cas Rouge Marchandon, F-45170 NEUVILLE AUX BOIS (FR). FLORES, Emmanuel [FR/FR]; 1 Chemin des Ecoles, F-92350 LE PLESSIS ROBINSON (FR).

(74) INTES, Didier et al. / etc.; CABINET BEAU DE LOMENIE, 158 Rue de l'Université, F-75340 PARIS Cedex 07 (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) DE DK (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B05B 17/06, 11/00

(11) WO 03/037525 (13) A1

(21) PCT/FR02/03698

(22) 28 Oct/oct 2002 (28.10.2002)

(25) fr (26) fr

(30) 01/14067 30 Oct/oct 2001 FR (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FLUID PRODUCT DISPENSER

• DISTRIBUTEUR DE PRODUIT FLUIDE

(71) VALOIS S.A. [FR/FR]; B.P. G, Le Prieuré, F-27110 Le Neubourg (FR).

(72) CORNET, Gérard; 22, rue du Val d'Aconville, F-78270 Blaru (FR). GARCIA, Firmin; 37 bis, avenue Aristide Briand, F-27000 Evreux (FR).

(74) CAPRI SARRL; 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 IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ B05C 11/10

(11) WO 03/037526 (13) A1

(21) PCT/US02/32210

(22) 8 Oct/oct 2002 (08.10.2002)

(25) en (26) en

(30) 60/346,145 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • STRAINER AND LEVEL INDICATOR FOR A HOT MELT ADHESIVE SYSTEM

• FILTRE ET INDICATEUR DE NIVEAU DESTINES A UN SYSTEME D'ADHESIF THERMOFUSIBLE

(71) NORDSON CORPORATION [US/US]; 28601 Clemens Road, Westlake, OH 44145-1119 (US).

(72) JETER, David, R.; 1508 Rocky Creek Drive, Woodstock, GA 30188 (US).

(74) ROONEY, Kevin, G. et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).

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

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

(51)⁷ B05C 11/10, 5/04

(11) WO 03/037527 (13) A1

(21) PCT/US02/33892

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 60/345,886 29 Oct/oct 2001 US (29.10.2001)

(30) 60/345,887 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HOT MELT ADHESIVE SYSTEM HAVING CENTRALIZED MANIFOLD AND ZONE HEATING CAPABILITY

• SYSTEME ADHESIF THERMOFUSIBLE PRESENTANT UN COLLECTEUR CENTRAL ET UNE CAPACITE DE CHAUFFAGE DIVISE

(71) NORDSON CORPORATION [US/US]; 28601 Clemens Road, Westlake, OH 45145-1119 (US).

(72) JETER, David, R.; 1508 Rocky Creek Drive, Woodstock, GA 30188 (US). ANDEL, David, F.; 264 Milstead Court, Lawrenceville, GA 30243 (US).

(74) ROONEY, Kevin, G. et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).

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

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

(51)⁷ B05D

(11) WO 03/037528 (13) A2

(21) PCT/US02/34686

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/016,761 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS AND METHOD FOR COMBINING LIQUIDS AND FILLERS FOR SPRAY APPLICATION

• DISPOSITIF ET PROCEDURE PERMETTANT DE COMBINER DES LIQUIDES AVEC DES CHARGES EN VUE D'UNE APPLICATION PAR PULVERISATION

(71, 72) ROTH, Jay [US/US]; 2275 Calle Frescota, La Jolla, CA 92037 (US). WYMAN, Ransome, J. [US/US]; 4 Lago Sud, Irvine, CA 92612 (US).

(74) SALE, Terri, L.; Fulbright & Jaworski L.L.P., 865 South Figueroa, 29th Floor, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B05D 1/32, 5/12, 5/06

(11) WO 03/037529 (13) A1

(21) PCT/US02/35225

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 10/001,084 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SCREEN PRINTED LACQUER DEPOSITION

• DEPOT DE VERNIS-LAQUE IMPRIME PAR SERIGRAPHIE

(71) CANDESCENT TECHNOLOGIES CORPORATION [US/US]; 6580 Via del Oro, San Jose, CA 95119 (US).

(72) RITTMANN, Brian, D.; 1178 Sierra Court, Livermore, CA 94550 (US). TROLLSAS, Olof, M.; 120 Oak Rim Way, #9, Los Gatos, CA 95032 (US). SAHLSTROM, Kris, E.; 700 26th Ave., Santa Cruz, CA 95062 (US). SAM, Sopheak, P.; 2929 Prairie Ln., San Jose, CA 95127 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B05D 3/06, H01J 61/12, 61/20

(11) WO 03/037530 (13) A1

(21) PCT/CN02/00778

(22) 1 Nov/nov 2002 (01.11.2002)

(25) zh (26) zh

(30) 01134383.4 2 Nov/nov 2001 CN (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • USE OF A METAL HALIDE LAMP IN CURING PHOTOCURABLE COMPOSITION

• UTILISATION D'UNE LAMPE A HALOGENURES DE METAL DANS LE DURCISSEMENT DE COMPOSITIONS PHOTODURCISSEABLES

(71) INSIGHT HIGH TECHNOLOGY CO., LTD. [CN/CN]; 4F, TH-UNIS Building II, Tsinghua University, Beijing 100084 (CN). ZHUHAI DONGCHENG CHEMICAL CO. LTD. [CN/CN]; Nanshui Chemical Special Administrative Area, Zhuhai, Guangdong 519050 (CN).

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(72, 75) YIN, Yingwu [CN/CN]; 4F, TH-UNIS Building II, Tsinghua University, Beijing 100084 (CN). TAN, Haoya [CN/CN]; 4F, TH-UNIS Building II, Tsinghua University, Beijing 100084 (CN). ZHAO, Wenchao [CN/CN]; 4F, TH-UNIS Building II, Tsinghua University, Beijing 100084 (CN). ZHONG, Zhenlou [CN/CN]; 4F, TH-UNIS Building II, Tsinghua University, Beijing 100084 (CN).

(74) LUNG TIN INTERNATIONAL PATENT & TRADEMARK AGENT LTD.; 18th Floor, Tower B, Grand Place No. 5 Huizhong Road, Chaoyang District, Beijing 100101 (CN).

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

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

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

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Declaration / Déclaration :

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(51)⁷ B05D 3/06, 3/12, 7/06

(11) WO 03/037531 (13) A1

(21) PCT/US02/34439

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/345,479 29 Oct/oct 2001 US (29.10.2001)

(30) 10/283,036 28 Oct/oct 2002 US (28.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND COMPOSITION FOR TREATING SUBSTRATES • PROCEDE ET COMPOSITION POUR TRAITER DES SUBSTRATS

(71) TARREN WOOD PRODUCTS, INC. [US/US]; 15551 Greenock Lane, Fort Myers, FL 33912 (US).

(72) GRANTHAM, Robert, N.; 15551 Greenock Lane, Fort Myers, FL 33912 (US). WEAVER, Robert, R., III; 4110 Cobia Street, Pensacola, FL 32507 (US).

(74) MATZ, Gary, F. et al. / etc.; Webb Ziesenheim Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

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

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

Published / Publiée : (c)

Declarations / Déclarations :

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

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

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

(51)⁷ B05D 3/06, 3/12, 7/06

(11) WO 03/037532 (13) A1

(21) PCT/US02/34668

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/348,465 29 Oct/oct 2001 US (29.10.2001)

(30) 10/281,919 28 Oct/oct 2002 US (28.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND COMPOSITION FOR TREATING WOOD

• PROCEDE ET COMPOSITION UTILISES DANS LE TRAITEMENT DU BOIS

(71) TARREN WOOD PRODUCTS, INC. [US/US]; 15551 Greenock Lane, Fort Myers, FL 33912 (US).

(72) GRANTHAM, Robert, N.; 15551 Greenock Lane, Fort Myers, FL 33912 (US). WEAVER, Robert, R., III; 4110 Cobia Street, Pensacola, FL 32507 (US).

(74) MATZ, Gary, F. et al. / etc.; Webb Ziesenheim Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

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

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

Published / Publiée : (c)

Declarations / Déclarations :

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

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

(51)⁷ B05D 7/14, 5/06

(11) WO 03/037533 (13) A1

(21) PCT/US02/27493

(22) 28 Aug/août 2002 (28.08.2002)

(25) en (26) en

(30) 10/038,266 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PROCESS FOR MAKING A METAL-POLYMER COMPOSITE HAVING AN IRRADIATED POLYMER COATING

• PROCEDE DE PRODUCTION D'UN COMPOSITE DE METAL-POLYMERE PRESENTANT UN REVETEMENT POLYMERE IRRADIE

(63) US 10/038,266 (CON) 29 Oct/oct 2001 (29.10.2001)

(71) ALCOA INC. [US/US]; Alcoa Corporate Center, 201 Isabella Street, Pittsburgh, PA 15212-5858 (US).

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

(72, 75) GUTHRIE, Joseph, D. [US/US]; Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (US). SCHULTZ, Paul, B. [US/US]; Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (US). LEVENDUSKY, Thomas, L. [US/US]; Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (US). LARSEN, Bob [US/US]; Rigid Packaging Development Center, 1011 Ross Drive, Maryville, TN 37801 (US).

(74) RICHARDS, John et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 B07B 7/01, 7/04

(11) WO 03/037534 (13) A1

(21) PCT/CA02/00861

(22) 12 Jun/juin 2002 (12.06.2002)

(25) en (26) en

(30) 2,360,510 30 Oct/oct 2001 CA (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD APPARATUS FOR SEPARATING UNWANTED MATTER FROM GRANULAR MATERIAL

- PROCEDE ET DISPOSITIF PERMETTANT DE SEPARER UNE SUBSTANCE INDESIRABLE D'UN MATERIAU GRANULAIRE

(71) INDUSTRIAL METAL FABRICATORS (CHATHAM) LTD. [CA/CA]; P.O. Box 834, 288 Inshes Avenue, Chatham, Ontario N7M 5L1 (CA).

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

(72, 75) VAN OIRSCHOT, Frank [CA/CA]; P.O. Box 834, 288 Inshes Avenue, Chatham, Ontario N7M 5L1 (CA).

(74) JOHNSON, Scott, T. et al. / etc.; Dennison Associates, 133 Richmond Street West, Suite 301, Toronto, Ontario M5H 2L7 (CA).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B07C 5/34, 1/00, 3/18

(11) WO 03/037535 (13) A1

(21) PCT/DE02/03888

(22) 15 Oct/oct 2002 (15.10.2002)

(25) de (26) de

(30) 101 50 455.1 16 Oct/oct 2001 DE (16.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND DEVICE FOR PROCESSING MAIL

- PROCEDE ET DISPOSITIF POUR TRAITER DES ENVOIS POSTAUX

(71) DEUTSCHE POST AG [DE/DE]; Heinrich-von-Stephan-Strasse 1, 53175 Bonn (DE).

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

(72, 75) FERY, Peter [DE/DE]; Passwiese 24, 64673 Zwingenberg (DE). HELMUS, Jürgen [DE/DE]; Birlinghovener Strasse 6a, 53229 Bonn (DE). MEIER, Gunther [DE/DE]; Am Wembach 41, 64354 Reinheim (DE). STUMM, Dieter [DE/DE]; Langer Weg 48, 26629 Grossefehne (DE). VULLRIEDE, Carsten [DE/DE]; Meissenring 8, 29693 Hodenhagen (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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B08B 3/02, A22B 5/00

(11) WO 03/037536 (13) A2

(21) PCT/DK02/00712

(22) 25 Oct/oct 2002 (25.10.2002)

(25) da (26) en

(30) PA 2001 01593 29 Oct/oct 2001 DK (29.10.2001)

(30) PA 2002 00526 9 Apr/avr 2002 DK (09.04.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND SYSTEM FOR CLEANING OF WORKING UTENSILS, IN PARTICULAR IN THE FOOD PROCESSING INDUSTRY

- PROCEDE ET SYSTEME POUR NETTOYER DES USTENSILES, UTILISES EN PARTICULIER DANS LE DOMAINE DE L'INDUSTRIE ALIMENTAIRE

(71) GJERSTRUP TRADING A/S [DK/DK]; Pilehøj Vænge 8 H, DK-3460 Birkerød (DK).

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

(72, 75) NEUBERT, Bent [DK/DK]; Tesch Allé 13, DK-2840 Holte (DK).

(74) RAFFNSØE, Knud et al. / etc.; International Patent-Bureau A/S, Hoje Taastrup Boulevard 23, DK-2630 Taastrup (DK).

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

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

(51)⁷ B08B 3/02

(11) WO 03/037537 (13) A1

(21) PCT/EP02/11184

(22) 4 Oct/oct 2002 (04.10.2002)

(25) en (26) en

(30) TO2001A001023 26 Oct/oct 2001 IT (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • STEAM WASHING MACHINE

- MACHINE A LAVER A VAPEUR

(71) R.E.A. S.N.C. DI SASSI E BAUDIN & C. [IT/IT]; Via R. Lombardi, 6, I-10028 Trofarello (IT).

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

(72, 75) SASSI, Stefano [IT/IT]; Via Maroncelli, 14, I-10024 Moncalieri (IT).

(74) ROBBA, Pierpaolo et al. / etc.; Interpatent S.R.L., Via Caboto, 35, I-10129 Torino (IT).

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

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

(51)⁷ B08B 3/12

(11) WO 03/037538 (13) A1

(21) PCT/EP02/12179

(22) 31 Oct/oct 2002 (31.10.2002)

(25) de (26) de

(30) 101 53 701.8 31 Oct/oct 2001 DE (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ULTRASONIC CLEANING SYSTEM FOR CLEANING A PLURALITY OF PARALLEL EXTENDING, STRAND-LIKE PRODUCTS, SUCH AS FOR EXAMPLE WIRES, PROFILES AND PIPES

- DISPOSITIF POUR NETTOYER PAR ULTRASONS PLUSIEURS PRODUITS ADJACENTS SE PRESENTANT SOUS FORME DE CORDONS, TELS QUE DES FILS, DES PROFILS ET DES TUBES

(71) HIELSCHER SYSTEMS GMBH [DE/DE]; Warthestr. 21, 14513 Teltow (DE).

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

(72, 75) HIELSCHER, Holger [DE/DE]; Anstr. 21, 14532 Stahnsdorf (DE).

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

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

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(51)⁷ B21C 1/22, B21B 23/00

(11) WO 03/037539 (13) A1

(21) PCT/EP02/12052

(22) 29 Oct/oct 2002 (29.10.2002)

(25) de (26) de

(30) 01125745.8 29 Oct/oct 2001 EP
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND DEVICE FOR THE PRODUCTION OF HOLLOW SECTIONS

• PROCEDE ET DISPOSITIF DE FABRICATION DE PROFILS CREUX

(71) BÜLTMANN, Rudolf [DE/DE]; Küntroper Strasse 194, 58809 Neuenrade (DE).

(74) STENGER, WATZKE & RING; Kaiser-Friedrich-Ring 70, 40547 Düsseldorf (DE).

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

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

(51)⁷ B21C 47/30

(11) WO 03/037540 (13) A1

(21) PCT/EP02/11873

(22) 24 Oct/oct 2002 (24.10.2002)

(25) de (26) de

(30) 101 54 018.3 2 Nov/nov 2001 DE
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • REEL MANDREL, REEL MANDREL DEVICE AND METHOD FOR SLIPPING ON AND PULLING OFF ADAPTERS

• MANDRIN DE BOBINEUSE, DISPOSITIF DE MANDRIN DE BOBINEUSE ET PROCÉDÉ DE POSE ET DE DÉPOSE D'ADAPTATEURS

(71) SMS DEMAG AKTIENGESELLSCHAFT [DE/DE]; Eduard-Schloemann-Strasse 4, 40237 Düsseldorf (DE).

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

(72, 75) FALKENHAHN, Bodo [DE/DE]; Cimb-ernstrasse 17, 40545 Düsseldorf (DE). ABEL, Oliver [DE/DE]; Heinrichstrasse 139, 40239 Düsseldorf (DE). WISGALLA, Waldemar [DE/DE]; Breitenbachstrasse 98, 47809 Krefeld (DE). HEMMERLING, Günter [DE/DE]; Rheinallee 63, 40549 Düsseldorf (DE).

(74) VALENTIN, Ekkehard; Valentin, Gihse, Grosse, Hammerstrasse 4, 57072 Siegen (DE).

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

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

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

(51)⁷ B21D 39/02, 19/04, 19/08

(11) WO 03/037541 (13) A1

(21) PCT/JP02/10390

(22) 4 Oct/oct 2002 (04.10.2002)

(25) ja (26) ja

(30) 2001-335397 31 Oct/oct 2001 JP
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE AND METHOD FOR HEMMING PROCESSING

• DISPOSITIF ET PROCEDE DE TRAITEMENT D'OURLAGE

(71) TRI ENGINEERING COMPANY LIMITED [JP/JP]; 1201, Motogo 2-chome, Moriyama-ku, Nagoya-shi, Aichi 463-0025 (JP).

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

(72, 75) SAWA, Masazumi [JP/JP]; c/o TRI ENGINEERING COMPANY LIMITED, 1201, Motogo 2-chome, Moriyama-ku, Nagoya-shi, Aichi 463-0025 (JP).

(74) OKADA, Hidehiko et al. / etc.; Nagoya Chamber of Commerce, & Industry Building, 10-19, Sakae 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0008 (JP).

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

(51)⁷ B21D 51/26, 22/20, 24/00

(11) WO 03/037542 (13) A1

(21) PCT/JP02/03506

(22) 8 Apr/avr 2002 (08.04.2002)

(25) ja (26) ja

(30) 2001-373425 31 Oct/oct 2001 JP
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS FOR ENLARGING TUBE USED IN HEAT EXCHANGER

• APPAREIL PERMETTANT L'ELARGISSEMENT D'UN TUBE UTILISE DANS UN ECHANGEUR THERMIQUE

(71) KYOSHIN KOGYO CO., LTD. [JP/JP]; 20-7, Ebie 7-chome, Fukushima-ku, Osaka-shi, Osaka 553-0001 (JP).

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

(72, 75) TOKURA, Kenji [JP/JP]; c/o Kyoshin Kogyo Co., Ltd., 20-7, Ebie 7-chome, Fukushima-ku, Osaka-shi, Osaka 553-0001 (JP).

(81) CN KR US.

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(51)⁷ B21D 43/11, 43/02

(11) WO 03/037543 (13) A2

(21) PCT/DE02/04031

(22) 28 Oct/oct 2002 (28.10.2002)

(25) de (26) de

(30) 101 53 481.7 30 Oct/oct 2001 DE
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HIGH-SPEED SHEET FEEDING WITHOUT GRIP PLIERS

• TRANSPORT DE FEUILLES A HAUTE VITESSE SANS PINCES DE PREHENSION

(71) AMCOR LIMITED [AU/AU]; 679 Victoria Street, Abbotsford, Victoria 3067 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VON ALLWOERDEN, Gerd [DE/DE]; Annemarie-Vogel-Strasse 9, 30900 Wedemark (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(11) WO 03/037544 (13) A1

(21) PCT/JP02/11161

(22) 28 Oct/oct 2002 (28.10.2002)

(25) ja (26) ja

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(29.10.2001)(30) 2001-359938 26 Nov/nov 2001 JP
(26.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE AND METHOD FOR MANUFACTURING RESIN COATED METAL SEAMLESS CONTAINER SHELL

• DISPOSITIF ET PROCEDE DE FABRICATION D'UNE COQUE DE RECIPIENT SANS SOUDURES EN METAL A REVETEMENT EN RESINE

(71) DAIWA CAN COMPANY [JP/JP]; 2-1-10, Nihonbashi, Chuo-ku, Tokyo 103-8240 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANEHARA, Minoru [JP/JP]; c/o Technical Center of DAIWA CAN COMPANY, 5-5-1, Nishihashimoto, Sagami-hara-shi, Kanagawa 229-1183 (JP). NOTO, Shigeru [JP/JP]; c/o Technical Center of

- DAIWA CAN COMPANY, 5-5-1, Nishi-hashimoto, Sagami-hara-shi, Kanagawa 229-1183 (JP).
- (74) WATANABE, Takeo; 3rd Floor, Adex Bldg., 12-1, Yushima 3-chome, Bunkyo-ku, Tokyo 113-0034 (JP).
- (81) CA GB US.
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- (11) WO 03/037545 (13) A1
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- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) ja (26) ja
- (30) 2001-330713 29 Oct/oct 2001 JP (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • STRANDED WIRE TWISTING DEVICE OF REINFORCEMENT BINDING MACHINE
- TORSADÉUSE DE FIL MULTIBRIN POUR MACHINE A LIGATURER LES FERS A BETON
- (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) KUSAKARI, Ichiro [JP/JP]; c/o Max Co., Ltd., 6-6, Nihonbashihakozaki-cho, Chuo-ku, Tokyo 103-8502 (JP). NAGAOKA, Takahiro [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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B21F 27/10, B23K 31/02 // 101:22
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- (21) PCT/RU02/00298
- (22) 19 Jun/juin 2002 (19.06.2002)
- (25) ru (26) ru
- (30) 2001129379 31 Oct/oct 2001 RU (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR PRODUCING LATTICED STRUCTURES AND DEVICE FOR CARRYING OUT SAID METHOD
- PROCÉDE DE FABRICATION DE STRUCTURES GRILLAGEES ET DISPOSITIF DE MISE EN OEUVRE DE CE PROCÉDE
- (71) SHTIBELMAN, Mikhail Samuilovich [RU/RU]; c/o Romanova N.V., ul. Moskovskaya, 155, SGU, PLO, Saratov, 410026 (RU).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) MURAVIEV, Vladimir Michailovich [RU/RU]; (optional), ul. Krymskaya, 16/24-193, Saratov, 410039 (RU).
- (72, 75) MURAVIEV, Jury Vladimirovich [RU/RU]; optional, ul. Vologodskaya, 13-13, Saratov, 410039 (RU). OVCHINNIKOV, Igor Georgievich [RU/RU]; optional, ul. B.Sadovaya, 95-155, Saratov, 410008 (RU).
- (74) ROMANOVA, Nataliya Viktorovna et al. / etc.; ul. Moskovskaya, 155, SGU, PLO, Saratov, 410026 (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).
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- (21) PCT/JP02/11269
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) ja (26) ja
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- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MOLD COOLING DEVICE
- DISPOSITIF DE REFROIDISSEMENT DE MOULE
- (71) AHRESTY CORPORATION [JP/JP]; 2-3-9, Sakashita, Itabashi-ku, Tokyo 174-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOMAKI, Shigeyoshi [JP/JP]; Reveuru-Tajima 201, 1-3-29, Tajima, Asaka-shi, Saitama 351-0032 (JP).
- (74) HOSOI, Sadayuki et al. / etc.; Hayakawa Bldg., 14-7, Hakusan 5-chome, Bunkyo-ku, Tokyo 112-0001 (JP).
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- (25) ja (26) ja
- (30) 2001-335651 31 Oct/oct 2001 JP (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • COOLING DEVICE FOR CASTING MOLDS
- DISPOSITIF DE REFROIDISSEMENT POUR MOULES
- (71) AHRESTY CORPORATION [JP/JP]; 2-3-9, Sakashita, Itabashi-ku, Tokyo 174-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOMAKI, Shigeyoshi [JP/JP]; Reveuru-Tajima 201, 1-3-29, Tajima, Asaka-shi, Saitama 351-0032 (JP).
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- (81) CN KR US.
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- (30) 60/330,655 26 Oct/oct 2001 US (26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR CASTING OF NON FERROUS METALS
- PROCÉDE ET APPAREIL DE MOUTAGE DE METAUX NON FERREUX
- (71) TAYLOR'S INDUSTRIAL SERVICES, LLC [US/US]; 820 Marion Road, Mount Gilead, OH 43338 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FILOS, Christopher [US/US]; 2515 Jean Marie Court, Brick, NJ 08724 (US). REXFORD, John [US/US]; 9124 Lake Ridge Drive, Lewis Center, OH 43035 (US). EICHHORN, Kenneth [US/US]; 2124 Kings Corner East, Lexington, OH 44904 (US). BALDWIN, Harold [US/US]; 285 East Union Street, Mount Gilead, OH 43338 (US).
- (74) HAUPT, Keith, R. et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) en (26) en
- (30) 60/330,651 26 Oct/oct 2001 US (26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)

- (54) • LOW-VELOCITY DIE-CASTING
• MOULAGE SOUS PRESSION A FAIBLE VITESSE
- (71) TAYLOR'S INDUSTRIAL SERVICES LLC [US/US]; 820 Marion Road, Mount Gilead, OH 43338 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NORVILLE, Samuel, Michael, Dan [US/US]; 114A Pepper Tree Road, Jackson, TN 38305 (US).
- (74) HAUPT, Keith, R. et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(21) PCT/EP02/09980
(22) 6 Sep/sep 2002 (06.09.2002)
(25) de (26) de
(30) 101 53 720.4 31 Oct/oct 2001 DE (31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • CYLINDER CRANKCASE HAVING A CYLINDER SLEEVE, AND CASTING TOOL
• CARTER DE VILEBREQUIN DE CYLINDRE COMPORTANT UNE CHEMISE DE CYLINDRE ET OUTIL DE COULAGE
- (71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RÜCKERT, Franz [DE/DE]; Ulrichstrasse 13, 73760 Ostfildern (DE). SCHÄFER, Helmut [DE/DE]; Schubertstrasse 23, 71394 Kernen (DE). STOCKER, Peter [DE/DE]; Eichendorffstrasse 70/1, 71560 Sulzbach (DE). STORZ, Oliver [DE/DE]; Ludwigstrasse 18/1, 73776 Altbach (DE).
- (74) BRÜCKNER, Ingo et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).
- (81) JP US.
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(21) PCT/SG01/00226
(22) 31 Oct/oct 2001 (31.10.2001)
(25) en (26) en
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS OF FORMING ARTICLES FROM ALLOYS OF TIN AND/OR TITANIUM
• PROCEDES DE REALISATION D'ARTICLES A PARTIR D'ALLIAGE D'ETAIN ET/OU DE TITANE
- (71) SINGAPORE INSTITUTE OF MANUFACTURING TECHNOLOGY [SG/SG]; 71 Nanyang Drive, Singapore 638075 (SG).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LI, Qingfa [SG/SG]; c/o 71 Nanyang Drive, Singapore 638075 (SG). HU, Banghong [SG/SG]; c/o 71 Nanyang Drive, Singapore 638075 (SG). CHOY, Chee, Mun [SG/SG]; c/o 71 Nanyang Drive, Singapore 638075 (SG). ZHANG, Suxia [SG/SG]; c/o 71 Nanyang Drive, Singapore 638075 (SG).
- (74) K.T. LIM & COMPANY; Tong Eng Building #25-05, 101 Cecil Street, Singapore 069533 (SG).
- (81) SG US.
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(25) ja (26) ja
(30) 2001-330583 29 Oct/oct 2001 JP (29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR THE PRODUCTION OF METAL POWDER
• PROCEDE ET APPAREIL DE PRODUCTION DE POUDRE METALLIQUE
- (71) PHILD CO., LTD. [JP/JP]; 110, Goshohachiman-cho, Kamitachiurisagaru, Karasumadori, Kamigyo-ku, Kyoto-shi, Kyoto 602-0023 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIRATA, Yoshihiro [JP/JP]; c/o Phild Co., Ltd., 110, Goshohachiman-cho, Kamitachiurisagaru, Karasumadori, Kamigyo-ku, Kyoto-shi, Kyoto 602-0023 (JP). UEDA, Yoshio [JP/JP]; c/o Phild Co., Ltd., 110, Goshohachiman-cho, Kamitachiurisagaru, Karasumadori, Kamigyo-ku, Kyoto-shi, Kyoto 602-0023 (JP). TAKASE, Hiroaki [JP/JP]; c/o Phild Co., Ltd., 110, Goshohachiman-cho, Kamitachiurisagaru, Karasumadori, Kamigyo-ku, Kyoto-shi, Kyoto 602-0023 (JP). SUZUKI, Kazuaki [JP/JP]; c/o Phild Co., Ltd., 110, Goshohachiman-cho, Kamitachiurisagaru, Karasumadori, Kamigyo-ku, Kyoto-shi, Kyoto 602-0023 (JP).
- (74) KODAMA, Yoshihiro; Enju-Ochanomizu Bldg. 3F, 17-2, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (JP).
- (81) AU BR CA CN HU ID IN JP KR MX NO NZ PL RO SG TR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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(11) WO 03/037554 (13) A1
(21) PCT/JP02/11153
- (22) 28 Oct/oct 2002 (28.10.2002)
(25) ja (26) ja
(30) 2001-332806 30 Oct/oct 2001 JP (30.10.2001)
(30) 2001-349878 15 Nov/nov 2001 JP (15.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • SURFACE COATED CEMENTED CARBIDE CUTTING TOOL HAVING HARD COATING LAYER EXHIBITING EXCELLENT WEAR RESISTANCE IN HIGH SPEED MACHINING
• OUTIL DE COUPE AU CARBURE CEMENTE REVETU, COMPRENANT UNE COUCHE DE REVETEMENT DURE PRESENTANT D'EXCELLENTE RESISTANCE A L'USURE DANS L'USINAGE A GRANDE VITESSE
- (71) MMC KOBELCO TOOL CO., LTD. [JP/JP]; 179-1, Nishioike, Kanagasaki, Uozumicho, Akashi-shi, Hyogo 674-0071 (JP). MITSUBISHI MATERIALS CORPORATION [JP/JP]; 5-1, Otomachi 1-chome, Chiyoda-ku, Tokyo 100-8117 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SATO, Kazunori [JP/JP]; c/o MMC Kobelco Tool Co., Ltd., 179-1, Nishioike, Kanagasaki, Uozumicho, Akashi-shi, Hyogo 674-0071 (JP). KONDO, Akihiro [JP/JP]; c/o MMC Kobelco Tool Co., Ltd., 179-1, Nishioike, Kanagasaki, Uozumicho, Akashi-shi, Hyogo 674-0071 (JP). TASHIRO, Yasuhiko [JP/JP]; c/o Mitsubishi Materials, Corporation, Central Research, Institute, Naka Research Center, 1002-14, Mukaiyama, Naka-cho, Naka-gun, Ibaraki 311-0102 (JP). NAKAMURA, Keiji [JP/JP]; c/o Mitsubishi Materials, Corporation, Central Research, Institute, Naka Research Center, 1002-14, Mukaiyama, Naka-cho, Naka-gun, Ibaraki 311-0102 (JP). TAKAOKA, Hidemitsu [JP/JP]; c/o Mitsubishi Materials, Corporation, Central Research, Institute, Naka Research Center, 1002-14, Mukaiyama, Naka-cho, Naka-gun, Ibaraki 311-0102 (JP).
- (74) SHIGA, Masatake et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ B23B 27/22, B23P 15/28
(11) WO 03/037555 (13) A1
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(25) en (26) en
(30) 10/000,999 1 Nov/nov 2001 US (01.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • TOOL HOLDER WITH COOLANT SYSTEM
• PORTE-OUTIL AVEC SYSTEME DE REFROIDISSEMENT

(71, 72) **KRAEMER, Rolf, H.** [DE/US]; 5683 Obed Heights Drive, Edinboro, PA 16412 (US).

(74) **THOMSON, Richard, K.**; 7691 Fairlane Drive, Fairview, PA 16415 (US).

(81) BR CA CN IL JP KP 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **B23B 31/12, 31/18**

(11) **WO 03/037556** (13) A1

(21) PCT/JP02/11437

(22) **31 Oct/oct 2002 (31.10.2002)**

(25) ja (26) ja

(30) 2001-338113 **2 Nov/nov 2001** JP
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **FACE CLAMP CHUCK AND FACE CLAMP METHOD**

• **MANDRIN DE SERRAGE AVANT ET PROCEDE DE SERRAGE AVANT**

(71) **OHFUNA NETSUREN CO., LTD.** [JP/JP]; 1-1-21, Zengyouzaka, Fujisawa-shi, Kanagawa 251-0876 (JP).

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(72, 75) **HACHIRO, Hiroshi** [JP/JP]; 883-4, Endo, Fujisawa-shi, Kanagawa 252-0816 (JP).

(74) **TAKANO, Akichika** et al. / etc.; 9th Floor, Salute Bldg., 72, Yoshida-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0041 (JP).

(81) CN JP KR US.

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

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(51)⁷ **B23B 51/00**

(11) **WO 03/037557** (13) A1

(21) PCT/GB02/04709

(22) **16 Oct/oct 2002 (16.10.2002)**

(25) en (26) en

(30) 0125882.1 **27 Oct/oct 2001** GB
(27.10.2001)

(30) 0202845.4 **7 Feb/fév 2002** GB
(07.02.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **DRILL ASSEMBLY**

• **ENSEMBLE PERCEUSE**

(71) **TECHNICAL SERVICES TEAM LIMITED** [GB/GB]; Fishbourne Quay, Ryde, Isle of Wight PO33 4EY (GB).

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(72, 75) **MATTHIAS, David, Larcombe** [GB/GB]; 44 Firestone Glade, Wootton Bridge, Ryde, Isle of Wight PO33 4LH (GB).

(74) **BARKER BRETTELL**; Medina Chambers, Town Quay, Southampton SO14 2AQ (GB).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **B23H 7/02**

(11) **WO 03/037558** (13) A1

(21) PCT/JP01/09577

(22) **1 Nov/nov 2001 (01.11.2001)**

(25) ja (26) ja

(43) 8 May/mai 2003 (08.05.2003)

(54) • **WIRE ELECTRIC DISCHARGE MACHINING METHOD AND WIRE ELECTRIC DISCHARGE MACHINE**

• **PROCEDE D'USINAGE PAR ETINCELAGE A FIL ET MACHINE D'ETINCELAGE A FIL**

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

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(72, 75) **SATO, Tatsushi** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP). **SHIBATA, Junichi** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **MIYATA, Kaneo** et al. / etc.; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(81) CN JP 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 **B23K 1/00, B21C 37/08**

(11) **WO 03/037559** (13) A1

(21) PCT/EP02/04948

(22) **2 May/mai 2002 (02.05.2002)**

(25) en (26) en

(30) PCT/EP01/04981 **2 May/mai 2001** EP
(02.05.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **A PROCESS OF MAKING A SHAPED PRODUCT**

• **PROCEDE DE FABRICATION D'UN PRODUIT MODELE**

(71) **NORSK HYDRO ASA** [NO/NO]; Bygdøy Allé 2, N-0240 Oslo (NO).

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(72, 75) **MORLEY, Ed** [GB/GB]; Arnumvej 80, Lindet Skov, DK-6520 Toftlund (GB). **TAYLOR, James, Steven** [GB/GB]; 28 Wordsworth Way, Rochdale, Lancashire, OL11 5JE (GB).

(74) **BLEUKX, L., L., M.**; Hydro S.A., Marcel Thiryllaan 83, B - 1200 Brussels (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 PL PT RO RU SD SE SG SI SK SL TJ TM TN TR 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 CH CY DE DK ES FI FR GB GR IE 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 **B23K 9/09**

(11) **WO 03/037560** (13) A1

(21) PCT/US02/31567

(22) **11 Oct/oct 2002 (11.10.2002)**

(25) en (26) en

(30) 09/984,559 **30 Oct/oct 2001** US
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **WELDING CURRENT CONTROL SYSTEM AND METHOD**

• **SYSTEME ET PROCEDE DE COMMANDE D'UN COURANT DE SOUDAGE**

(71) **TRI TOOL INC.** [US/US]; 3806 Security Park Drive, Rancho Cordova, CA 95742-6990 (US).

(72) **FLOOD, Dale, A.**; 3548 Falkirk Way, El Dorado Hills, CA 95762 (US). **ROTHERMEL, Ronald, R.**; 5270 Gilmore Road, Pollock Pines, CA 95726 (US).

(74) **URCIA, Benjamin, E.** et al. / etc.; Bacon & Thomas, PLLC, 625 Slaters Lane, 4th floor, Alexandria, VA 22314 (US).

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

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

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(51)⁷ **B23K 9/10, H02J 3/12**

(11) **WO 03/037561** (13) A1

(21) PCT/US02/34255

(22) **25 Oct/oct 2002 (25.10.2002)**

(25) en (26) en

(30) 10/055,632 **26 Oct/oct 2001** US
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **PORTABLE WELDER**

• **MACHINE A SOUDER PORTATIVE**

(71, 72) **PLANTZ, Basil, L.** [US/US]; PMB 484 Expwy 100, Shepherd of the Hills Expressway, Branson, MO 65616 (US).

(74) **MESCHER, Richard, M.**; Porter Wright Morris & Arthur LLP, 41 South High 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

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

(51)⁷ B23Q 1/54, B25J 17/02

(11) WO 03/037562 (13) A1

(21) PCT/EP02/11466

(22) 14 Oct/oct 2002 (14.10.2002)

(25) de (26) de

(30) 101 53 854.5 2 Nov/nov 2001 DE (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE FOR THE DISPLACEMENT AND/OR POSITIONING OF AN OBJECT IN FIVE AXES

• DISPOSITIF DE DEPLACEMENT ET/OU DE POSITIONNEMENT D'UN OBJET SELON CINQ AXES

(71) METROM MECHATRONISCHE MASCHINEN GMBH [DE/DE]; Annaberger Str. 240, 09125 Chemnitz (DE). FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DE ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Leonrodstr. 54, 80636 München (DE).

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(72, 75) SCHWAAR, Claudia [DE/DE]; Blumenweg 20, 09232 Hartmannsdorf (DE). NEUGEBAUER, Reimund [DE/DE]; Friedrich-August-Strasse 160, 01462 Dresden (DE). SCHWAAR, Michael [DE/DE]; Blumenweg 20, 09232 Hartmannsdorf (DE).

(74) GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER; Maximilianstr. 58, 80538 München (DE).

(81) JP US.

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

(51)⁷ B23Q 3/00, B25B 11/02, B23K 37/04, H05K 13/00, B41F 15/18

(11) WO 03/037563 (13) A1

(21) PCT/IB02/04489

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 01204184.4 1 Nov/nov 2001 EP (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF DETERMINING THE POSITION OF A SUPPORTING PIN, AND DEVICE FOR THIS

• PROCEDE ET DISPOSITIF POUR LA DETERMINATION DE LA POSITION D'UNE TIGE-SUPPORT

(71) ASSEMBLEON N.V. [NL/NL]; Hurksesstraat 19, NL-5652 AH Eindhoven (NL).

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(72, 75) VERMEER, Adrianus, J., P., M. [NL/NL]; Hurksesstraat 19, NL-5652 AH Eindhoven (NL).

(74) BOS, Kornelis, S.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B23Q 9/00, 16/00, B64F 5/00

(11) WO 03/037564 (13) A2

(21) PCT/US02/34506

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 10/004,060 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MANUFACTURING SYSTEM FOR AIRCRAFT STRUCTURES AND OTHER LARGE STRUCTURES

• SYSTEME DE FABRICATION DE STRUCTURES AERONAUTIQUES ET D'AUTRES STRUCTURES DE GRANDE DIMENSION

(71) THE BOEING COMPANY [US/US]; P.O. Box 3707, M/S 13-08, Seattle, WA 98124-2207 (US).

(72) HAZLEHURST, Laurance, N.; 508 North 71st Street, Seattle, WA 98103 (US). PHILPOTT, Bobby, C., Jr.; 20115 93rd Ave. S., Kent, WA 98031 (US). BUTTRICK, James, N.; 6206-21st Ave. N.E., Seattle, WA 98115 (US). JONES, Darell, D.; 16723 1st Ave. S.E., Mill Creek, WA 98012-5904 (US). PAPANIKOLAOU, Kostandinos, D.; 25732 W. 12 Mile Road, Apt. 304, Southfield, MI 48034 (US). BANKS, David, P.; 9828 121st Ave. NE, Lake Stevens, WA 98258 (US). ROWE, Terrence, J.; 13718 1st Ave. NE, Seattle, WA 98125 (US). OUTOUS, Ronald, W.; 16217 14th Ave. NE, Shoreline, WA 98155-6345 (US). GLAISYER, Charles, H.; 7428 3rd Drive W, Everett, WA 98203 (US). TOWNSEND, Harry, E.; 2210 N. 43rd St., Seattle, WA 98103 (US). BOBERG, Mark, C.; 3902-146th Ave. SE, Bellevue, WA 98006 (US). NELSON, Paul, E.; 7823-37th St. W, University Place, WA 98466-3216 (US). PORTER, John, R.; 15006 2nd Ave. W, Lynnwood, WA 98037 (US).

(74) GALBRAITH, Ann, K.; The Boeing Company, P.O. Box 3707, M/S 13-08, Seattle, WA 98124-2207 (US).

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

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

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

(51)⁷ B24B

(11) WO 03/037565 (13) A2

(21) PCT/US02/34618

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/340,962 29 Oct/oct 2001 US (29.10.2001)

(30) 10/020,081 11 Dec/déc 2001 US (11.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • POLISHING PADS AND MANUFACTURING METHODS

• TAMPONS DE POLISSAGE ET LEURS PROCEDES DE FABRICATION

(71, 72) THOMAS WEST, INC [US/US]; 470 Mercury Drive, Sunnyvale, CA 94805 (US). WEST, Thomas [US/US]; 187 Goya Rd., Portola Valley, CA 94028 (US).

(72) DIETZ, Donald, P.; 2511 Katrina Way, Mountain View, CA 94040 (US).

(74) WILLIAMS, Larry; 122 Calistoga Road, PMB-301, Santa Rosa, CA 95409-3702 (US).

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

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

(51)⁷ B24B 37/04, 49/04, 53/007, 21/04

(11) WO 03/037566 (13) A1

(21) PCT/US02/31924

(22) 4 Oct/oct 2002 (04.10.2002)

(25) en (26) en

(30) 10/039,749 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR CONTROLLING CMP PAD SURFACE FINISH

• PROCEDE ET DISPOSITIF PERMETTANT DE CONFERER UN FINI DE SURFACE DONNE A UN TAMPON DE PLANARISATION CHIMICO-MECHANIQUE (CMP)

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(72) JENSEN, Alan, J.; 1515 South East 26th Court, Troutdale, OR 97060 (US). STELLA, Mario; 23 Belsay Grove, Beldington, Northumberland NE22 5YU (GB). ZHAO, Eugene; 1393 Tanaka Drive, San Jose, CA 95131 (US). RENTELN, Peter; 144 Canyon Green Place, San Ramon, CA 94583 (US). FARBER, Jeffrey; 24 Wexford Road, Delmar, NY 12054 (US).

(74) GENIN, Kent, E.; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B24D 7/06

(11) WO 03/037567 (13) A1

(21) PCT/JP02/11466

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 2001-336783 1 Nov/nov 2001 JP (01.11.2001)

(30) 2002-9989 18 Jan/jan 2002 JP (18.01.2002)

(30) 2002-208468 17 Jul/juil 2002 JP (17.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • POLISHING APPARATUS

• APPAREIL A POLIR

(71) EBARA CORPORATION [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).

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(72, 75) SASAKI, Tatsuya [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). AKATSUKA, Tomohiko [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). HIROKAWA, Kazuto [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).

(74) WATANABE, Isamu et al. / etc.; GOWA Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN KR US.

(51)⁷ B25B 13/46

(11) WO 03/037568 (13) A1

(21) PCT/GB02/04882

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 2001/0953 30 Oct/oct 2001 IE (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A WRENCH DEVICE

• CLE

(71) SMART TOOLS LTD. [GB/GB]; Baden Powell Road, Kirkton Industrial Estate, Arbroath, Angus DD11 3LS (GB).

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(72, 75) DUFFY, Seamus [IE/IE]; Tribology House, Rathcline Road, Lanesborough (IE). BUCHANAN, Nigel, A. [GB/GB]; Beechtree Cottage, New Gilston, By Leven, Fife KY8 5TF (GB).

(74) MILHENCH, Howard, Leslie 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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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(51)⁷ B25B 13/46

(11) WO 03/037569 (13) A1

(21) PCT/US02/34703

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/021,385 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • RATCHET CRANK

• BIELLE A CLIQUET

(71, 72) BALAJADIA, Jose, P. [US/US]; 61-15 98 Street, Apt. 3J, Rego Park, NY 11374 (US).

(81) AU BR CA CN DE GB IN JP KP KR MX PH RU ZA.

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

(51)⁷ B25C 1/04, F41B 11/06

(11) WO 03/037570 (13) A1

(21) PCT/AU02/01456

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) PR 8659 2 Nov/nov 2001 AU (02.11.2001)

(30) PS 1143 14 Mar/mar 2002 AU (14.03.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NAIL GUN

• PISTOLET A CLOUER UTILISANT UN GAZ PROPULSEUR LIQUEFIE

(71) POLY SYSTEMS PTY LTD [AU/AU]; Main Road, George Town, TAS 7253 (AU). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEBB, Roger, Clyde [AU/AU]; 20 St Helen Street, Lindisfarne, TAS 7015 (AU).

(74) HODGKINSON OLD MCINNES; Level 3, 20 Alfred Street, Milsons Point, NSW 2061 (AU).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B25D 17/08

(11) WO 03/037571 (13) A1

(21) PCT/DE02/02323

(22) 26 Jun/juin 2002 (26.06.2002)

(25) de (26) de

(30) 101 52 959.7 26 Oct/oct 2001 DE (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HAND MACHINE TOOL

• MACHINE-OUTIL A MAIN

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70422 Stuttgart (DE).

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(72, 75) KUHNLE, Axel [DE/DE]; Finkenweg 9, 71691 Freiberg A. N. (DE). WANEK, Helmut [DE/DE]; Kreuzstrasse 4, 74321 Bietigheim-Bissingen (DE).

(81) CN JP US.

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

(51)⁷ B25F

(11) WO 03/037572 (13) A2

(21) PCT/SE02/01998

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 0103667-2 2 Nov/nov 2001 SE (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HANDLE WITH A POWER-REGULATING DEVICE

• POIGNEE AVEC DISPOSITIF DE REGULATION DE PUISSANCE

(71) AKTIEBOLAGET ELECTROLUX [SE/SE]; S-105 45 Stockholm (SE).

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

(72, 75) SANDSTRÖM, Bo [SE/SE]; Nypongatan 28, S-565 32 Mullsjö (SE). JÄGENSTEDT, Urban [SE/SE]; Lindsro 5, Bunn, S-563 93 Gränna (SE).

(74) LILJEGREN, Fredrik; AB Electrolux (publ.), Group Intellectual Property, S-105 45 Stockholm (SE).

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

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

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

(51)⁷ B25J

(11) WO 03/037573 (13) A2

(21) PCT/US02/34949

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/336,477 31 Oct/oct 2001 US
(31.10.2001)(30) Not furnished / 31 Oct/oct 2002 US
non communiqué (31.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ROBOTIC MANIPULATOR

• MANIPULATEUR ROBOTISE

(71) ROSS-HIME DESIGNS, INCOPO-
RATED [US/US]; 1313 Fifth Street South-
east, Minneapolis, MN 55415 (US).(72) ROSHEIM, Mark, E.; 1313 Fifth Street
Southeast, Minneapolis, MN 55415 (US).(74) NEILS, Theodore, F. et al. / etc.; Kinney &
Lange, P.A., Kinney & Lange Building, 312
South Third Street, Minneapolis, MN 55415-
1002 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).(51)⁷ B25J 9/04, 9/10

(11) WO 03/037574 (13) A2

(21) PCT/CA02/01676

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/330,832 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A ROBOTIC DEVICE FOR LOADING
LABORATORY• DISPOSITIF ROBOTIQUE POUR LE
CHARGEMENT D'INSTRUMENTS DE
LABORATOIRE(71) THERMO CRS LTD. [CA/CA]; 5344 John
Lucas Drive, Burlington, Ontario L7L 6A6
(CA).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) RIFF, Michael [CA/CA]; Apt. #406,
2052 Courtland Drive, Burlington, OntarioL7R IR8 (CA). HATHERLEY, Thomas
[CA/CA]; 1197 Potters's Wheel Crescent,
Oakville, Ontario L6M 1J3 (CA).(74) ORANGE, John et al. / etc.; Suite 4900,
P.O. Box 190, 66 Wellington St. W., Toronto,
Ontario M5K 1H6 (CA).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).(51)⁷ B25J 9/16

(11) WO 03/037575 (13) A2

(21) PCT/IB02/04488

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 01204156.2 1 Nov/nov 2001 EP
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF CALIBRATING A COM-
PONENT PLACEMENT MACHINE,
DEVICE SUITABLE FOR CARRYING
OUT SUCH A METHOD, AND CAL-
IBRATION COMPONENT SUITABLE
FOR USE IN SUCH A METHOD OR
DEVICE• PROCEDE D'ETALONNAGE DE MA-
CHINE DE PLACEMENT DE COMPO-
SANTS, DISPOSITIF PERMETTANT
DE METTRE EN OEUVRE CE PRO-
CEDE ET ORGANE D'ETALONNAGE
S'UTILISANT DANS LE PROCEDE OU
DISPOSITIF(71) ASSEMBLEON N.V. [NL/NL]; Hurkse-
straat 19, NL-5652 AH Eindhoven (NL).
*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) VERMEER, Adrianus, J., P., M.
[NL/NL]; Hurksestraat 19, NL-5652 AH
Eindhoven (NL). VAN DE VEN, Dionys
[NL/NL]; Hurksestraat 19, NL-5652 AH
Eindhoven (NL). CULLEN, Robert
[NL/NL]; Hurksestraat 19, NL-5652 AH
Eindhoven (NL). REITH, Maarten, F., A.
[NL/NL]; Hurksestraat 19, NL-5652 AH
Eindhoven (NL).(74) BOS, Kornelis, S.; 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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NLPT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).(51)⁷ B25J 15/06

(11) WO 03/037576 (13) A1

(21) PCT/JP01/09604

(22) 1 Nov/nov 2001 (01.11.2001)

(25) ja (26) ja

(43) 8 May/mai 2003 (08.05.2003)

(54) • SUBSTRATE TRANSFER APPARA-
TUS, AND SUBSTRATE TRANSFER
METHOD• APPAREIL ET PROCEDE DE TRANS-
FERT DE SUBSTRAT(71) SHIBAURA MECHATRONICS CORPO-
RATION [JP/JP]; 5-1, Kasama 2-chome,
Sakae-ku, Yokohama-shi, Kanagawa
247-8610 (JP).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) OGIMOTO, Shinichi [JP/JP];
c/o Shibaura Mechatronics Corpora-
tion, Sagamino Operations, 5-14-1, Hi-
gashi-Kashiwagaya, Ebina-shi, Kanagawa
243-0401 (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.

(51)⁷ B25J 19/00

(11) WO 03/037577 (13) A1

(21) PCT/JP02/11184

(22) 28 Oct/oct 2002 (28.10.2002)

(25) ja (26) ja

(30) 2001-331263 29 Oct/oct 2001 JP
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INDUSTRIAL ROBOT

• ROBOT INDUSTRIEL

(71) KABUSHIKI KAISHA YASKAWA
DENKI [JP/JP]; 2-1, Kurosaki-shiroishi,
Yahatanishi-ku, kitakyushu-shi, Fukuoka
806-0004 (JP).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) SHIRAKI, Tomoyuki [JP/JP]; c/o
KABUSHIKI KAISHA YASKAWA
DENKI, 2-1, Kurosaki-shiroishi, Ya-
hatanishi-ku, kitakyushu-shi, Fukuoka
806-0004 (JP). OKAHISA, Manabu [JP/JP];
c/o KABUSHIKI KAISHA YASKAWA
DENKI, 2-1, Kurosaki-shiroishi, Yahatan-
ishi-ku, kitakyushu-shi, Fukuoka 806-0004
(JP). YONEHARA, Keisuke [JP/JP];
c/o KABUSHIKI KAISHA YASKAWA
DENKI, 2-1, Kurosaki-shiroishi, Yahatan-
ishi-ku, kitakyushu-shi, Fukuoka 806-0004
(JP). HANIYA, Kazuhiro [JP/JP]; c/o
KABUSHIKI KAISHA YASKAWA DENKI,
2-1, Kurosaki-shiroishi, Yahatanishi-ku, ki-
takyushu-shi, Fukuoka 806-0004 (JP).

(81) CN KR US.

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

Published / Publiée : (c)

- (51)⁷ B26D 7/27
 (11) WO 03/037578 (13) A1
 (21) PCT/EP02/10151
 (22) 10 Sep/sep 2002 (10.09.2002)
 (25) de (26) de
 (30) 101 53 755.7 31 Oct/oct 2001 DE
 (31.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • DEVICE FOR CUTTING FOOD PRODUCTS
 • DISPOSITIF POUR DECOUPER DES PRODUITS ALIMENTAIRES
- (71) WEBER MASCHINENBAU GMBH & CO. KG [DE/DE]; Formerstrasse 3, 35236 Breidenbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WEBER, Günther [DE/DE]; Paul-Hindemith-Str. 14, 17033 Neubrandenburg (DE).
- (74) MANITZ, FINSTERWALD & PARTNER GBR; Postfach 31 02 20, 80102 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B27B 1/00
 (11) WO 03/037579 (13) A1
 (21) PCT/KR02/01984
 (22) 24 Oct/oct 2002 (24.10.2002)
 (25) ko (26) en
 (30) UM 2001-32916 27 Oct/oct 2001 KR
 (27.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • SAW FRAME PROVIDED WITH A ROLL-TIP FOR CUTTING GLASS
 • MONTURE POUR SCIE EQUIPEE D'UNE ROULETTE TERMINALE SERVANT A COUPER LE VERRE
- (71) HAN-A TOOLS CO., LTD. [KR/KR]; 277-1, Janglim 2-dong, Saha-gu, 604-840 Busan (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARK, Dal Seong [KR/KR]; 7/1, 11-120, Sinpyung 1-dong, Saha-gu, 604-832 Busan (KR).
- (74) SHIN, Dongjoon et al. / etc.; 10th Fl., Woonam Bldg., 824-22, Yeoksam-dong, Kangnam-gu, 135-934 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B27B 7/00, 7/02, 9/00, 9/02
 (11) WO 03/037580 (13) A1
 (21) PCT/NZ02/00223
 (22) 25 Oct/oct 2002 (25.10.2002)
 (25) en (26) en
 (30) 515199 31 Oct/oct 2001 NZ
 (31.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • A SAWMILL
 • SCIERIE
- (71, 72) PETERSON, Carl, James [US/NZ]; 152 View Road, Rotorua 3201 (NZ).
- (74) PIETRAS, Anthony (Tony), Josef; A.J. Pietras & Associates, (Gibson Sheat Centre - Level 2, 1 Margaret Street), PO Box 30173, Lower Hutt 6009 (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B27K 3/34, 3/38, 3/50
 (11) WO 03/037581 (13) A1
 (21) PCT/DE02/02746
 (22) 26 Jul/juil 2002 (26.07.2002)
 (25) de (26) de
 (30) 101 52 728.4 25 Oct/oct 2001 DE
 (25.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • WOOD PRESERVATIVE AND THE PRODUCTION THEREOF
 • AGENT DE PROTECTION DU BOIS ET SA PREPARATION
- (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) BRUHN, Sieglinde [DE/DE]; Moselstrasse 1, 38120 Braunschweig (DE).
 MARUTZKY, Rainer [DE/DE]; Abbesbütteler Strasse 10, 38527 Meine (DE).
 THOLE, Volker [DE/DE]; Fasanenstrasse 22, 38102 Braunschweig (DE).
- (74) GRAMM, Werner; Gramm, Lins & Partner GbR, Theodor-Heuss-Strasse 1, 38122 Braunschweig (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B27N 1/02
 (11) WO 03/037582 (13) A1
 (21) PCT/EP02/12286
 (22) 4 Nov/nov 2002 (04.11.2002)
 (25) de (26) de
 (30) 101 53 593.7 2 Nov/nov 2001 DE
 (02.11.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • METHOD AND DEVICE FOR WETTING WOOD FIBERS WITH A BINDER FLUID
 • PROCEDE ET DISPOSITIF POUR MOULLER DES FIBRES DE BOIS AVEC UN FLUIDE LIANT
- (71) FRITZ EGGER GMBH & CO. [AT/AT]; Tiroler Strasse 15, A-3105 Unterradlberg (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STEINWENDER, Martin [AT/AT]; E. Bärstrasse 2, A-2380 Perchtoldsdorf (AT).
- (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B27N 3/02
 (11) WO 03/037583 (13) A1
 (21) PCT/JP02/07819
 (22) 31 Jul/juil 2002 (31.07.2002)
 (25) ja (26) ja

- (30) 2001-331408 **29 Oct/oct 2001** JP
(29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • RECYCLED LUMBER PRODUCING METHOD
- PROCEDE DE PRODUCTION DE BOIS D'OEUVRE
- (71, 72) GOTOU, Shinji [JP/JP]; 8-2-406, Makiochi 5-Chome, Minoo-shi, Osaka 562-0004 (JP).
- (74) HAMADA, Toshiaki; c/o.NAKANO & HAMADA, Sakaisuji IS Building 2nd floor, 8-8, Bakuro-machi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0059 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B28B 1/16, E04F 15/08
- (11) WO 03/037584 (13) A2
- (21) PCT/US02/36423
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 60/341,014 **29 Oct/oct 2001** US
(29.10.2001)
- (30) 60/381,250 **16 May/mai 2002** US
(16.05.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SYSTEMS AND METHODS FOR FINISHING TOP SURFACES OF CONCRETE FILLED ACCESS FLOOR PANELS
- SYSTEMES ET PROCEDES DE FINITION DE SURFACES SUPERIEURES DE PANNEAUX DE PLANCHER REEMPLIS DE BETON
- (71) INTERFACE, INC. [US/US]; Suite 2000, 2859 Paces Ferry Road, Atlanta, GA 30339 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GRAY, Keith, Nichols [US/US]; 3150 Palisades Court, Marietta, GA 30067 (US). BUREL, Lisa, Bixler [US/US]; 10 Foxfire Lane, Cartersville, GA 30120 (US). JOHNSON, James [US/US]; 11505 Ridgewood, Burr Ridge, IL 60527 (US). SCHROEDER, Herb, Martin [US/US]; 14108 120th Avenue, Grand Haven, MI 49417 (US).
- (74) PRATT, John, S.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B28B 7/24
- (11) WO 03/037585 (13) A1
- (21) PCT/RU02/00471
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) ru (26) ru
- (30) 2001129528 **2 Nov/nov 2001** RU
(02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • UNIVERSAL MULTICAVITY CASSETTE MOULD FOR PRODUCING INTERLOCKING GROUDED PLATES
- MOULE UNIVERSEL A CASSETTES A LOGEMENTS MULTIPLES DESTINE A LA FABRICATION DE PANNEAUX A RAINURE ET LANGUETTE A PARTIR DE COULIS
- (71, 72) SMIRNOV, Vladimir Vyacheslavovich [RU/RU]; Ul. Ostrovskogo, 128-140, Ryazan, 390029 (RU). ABRAMYCHEV, Aleksei Viktorovich [RU/RU]; Ul. Kosygina, 7-110, Moscow, 117334 (RU). SERGEEV, Vladimir Konstantinovich [RU/RU]; Ul. Volgogradskaya, 18-50, Saratov, 410066 (RU). SERGEEV, Konstantin Borisovich [RU/RU]; Ul. Panfilova, 5-22, Saratov, 410033 (RU). BONDAREVSRKY, Sergey Vasilevich [RU/RU]; Nekh "Snegiri", 12-8, Istrinsky raion, Moskovskaya oblast, 143590 (RU).
- (74) VOLKOV, Artem Artemovich; Bolshoi Tishinsky per., 26-13-53, Moscow, 123557 (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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B28C 5/14, 7/16, 7/06, B01F 15/00
- (11) WO 03/037587 (13) A1
- (21) PCT/FR02/03734
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) fr (26) fr
- (30) 01/14237 **2 Nov/nov 2001** FR
(02.11.2001)
- (30) 01/14238 **2 Nov/nov 2001** FR
(02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DEVICE FOR PREPARING A PRODUCT SUCH AS CONCRETE OR MORTAR
- DISPOSITIF DE PREPARATION D'UN PRODUIT TEL QUE DU BETON OU DU MORTIER
- (71) LANCY MIXJET [FR/FR]; Parc d'Activités, Avenue des Mondaults, F-33270 Floirac (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VIDAL, Lucien [FR/FR]; Domaine de la Pimpine, F-33360 Latresne (FR). COURTES, Luc [FR/FR]; 24, Lot Haut d'yvrac, F-33370 Yvrac (FR).
- (74) INTES, Didier et al. / etc.; Cabinet Beau De Lomenie, 158, rue de l'Université, F-75340 Paris Cedex 07 (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 SD SE SG SI SK (Utility model

/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ B29B 9/16, 13/02, C08G 63/80

(11) WO 03/037588 (13) A1

(21) PCT/AT02/00294

(22) 15 Oct/oct 2002 (15.10.2002)

(25) de (26) de

(30) A 1706/01 29 Oct/oct 2001 AT
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND DEVICE FOR IN-
CREASING THE LIMITING VISCOSI-
TY OF POLYESTER

• PROCEDE ET DISPOSITIF POUR AUG-
MENTER LA VISCOSITE LIMITE DE
POLYESTER

(71, 72) FELLINGER, Markus [AT/AT]; Gross-
dörnbachstrasse 13, A-4073 Wilhering (AT).

(74) SONN, Helmut et al. / etc.; Riemergasse 14,
A-1010 Wien (AT).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 B29B 11/12, B29C 33/58, H01L 21/56

(11) WO 03/037589 (13) A1

(21) PCT/JP02/11029

(22) 24 Oct/oct 2002 (24.10.2002)

(25) ja (26) ja

(30) 2001-332843 30 Oct/oct 2001 JP
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SEALING MATERIAL TABLET,
METHOD OF MANUFACTURING THE
TABLET, AND ELECTRONIC COMPO-
NENT DEVICE

• PASTILLE DE MATERIAU D'OBTU-
RATION, SON PROCEDE DE FABRI-
CATION ET DISPOSITIF A COMPO-
SANTS 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) KUBO, Katsumi [JP/JP]; c/o HITACHI
CHEMICAL CO., LTD., Shimodate Works,
1772-1, Oaza Kanakubo, Yuki-shi, Ibaraki
307-0015 (JP). INAGAWA, Takashi [JP/JP];
c/o HITACHI CHEMICAL CO., LTD., Shi-
modate Works, 1772-1, Oaza Kanakubo,
Yuki-shi, Ibaraki 307-0015 (JP). TERADA,
Hiroschi [JP/JP]; c/o HITACHI CHEMICAL
CO., LTD., Shimodate Works, 1772-1, Oaza
Kanakubo, Yuki-shi, Ibaraki 307-0015 (JP).
ONO, Akio [JP/JP]; c/o HITACHI CHEMI-
CAL CO., LTD., Shimodate Works, 1772-1,
Oaza Kanakubo, Yuki-shi, Ibaraki 307-0015
(JP). MASUBUCHI, Hiroschi [JP/JP]; c/o
HITACHI CHEMICAL CO., LTD., Shi-
modate Works, 1772-1, Oaza Kanakubo,
Yuki-shi, Ibaraki 307-0015 (JP). YAMADA,
Tateo [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, Tora-
nomon Daiichi Building, 2-3, 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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (a)

(51)⁷ B29B 13/02, B29C 67/24 // B29K 23:00

(11) WO 03/037590 (13) A1

(21) PCT/NL02/00690

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 01000581.7 30 Oct/oct 2001 EP
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PROCESS FOR MANUFACTURING
A SHAPED PART OF ULTRA HIGH
MOLECULAR WEIGHT POLYETHYL-
ENE

• PROCEDE DE PRODUCTION D'UNE
PIECE MOULEE DE POLYETHYLENE
A HAUT POIDS MOLECULAIRE

(71) DSM N.V. [NL/NL]; Het Overloon 1,
NL-6411 TE Heerlen (NL).

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

(72, 75) RASTOGI, Sanjay [NL/NL]; Loon-
dermolen 9, NL-5612 MH Eindhoven (NL).
KURELEC, Lada [NL/NL]; Keyserbosch
39, NL-6004 KL Weert (NL).

(74) MOOIJ, Johannes, Jacobus; DSM Patents
& Trademarks, P.O. Box 9, NL-6160 MA
Geleen (NL).

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

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

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

(51)⁷ B29B 13/02, F04B 15/04, 53/20, 53/16

(11) WO 03/037591 (13) A1

(21) PCT/US02/32209

(22) 8 Oct/oct 2002 (08.10.2002)

(25) en (26) en

(30) 60/345,958 29 Oct/oct 2001 US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PUMP WITH INTEGRAL FILTER FOR
A HOT MELT ADHESIVE SYSTEM

• POMPE AVEC FILTRE INTEGRAL
DESTINEE A UN SYSTEME D'ADHE-
SIF THERMOFUSIBLE

(71) NORDSON CORPORATION [US/US];
28601 Clemens Road, Westlake, OH
44145-1119 (US).

(72) JETER, David, R.; 1508 Rocky Creek
Drive, Woodstock, GA 30188 (US).

(74) ROONEY, Kevin, G. et al. / etc.; Wood,
Herron & Evans, L.L.P., 2700 Carew Tower,
Cincinnati, OH 45202 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 B29C

(11) WO 03/037592 (13) A2

(21) PCT/US02/34782

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/002,601 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • RIBBED MODULE FOR WAVE EN-
ERGY DISPERSION

• MODULE CANNELE POUR LA
DISPERSION DE L'ENERGIE DES
VAGUES

(71) WAVE DISPERSION TECHNOLOGIES,
INC. [US/US]; P.O. Box, 573 Springfield Av-
enue, Summit, NJ 07901 (US).

(72) SMITH, Dennis, G.; 573 Springfield Av-
enue, Summit, NJ 07901 (US).

(74) WEINGRAM, Edward, R. et al. / etc.; We-
ingram & Associates, P.O. Box 927, May-
wood, NJ 07607 (US).

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

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

(51)⁷ B29C 33/56, B22C 3/00, C09C 1/30

(11) WO 03/037593 (13) A1

(21) PCT/EP02/11612

(22) 17 Oct/oct 2002 (17.10.2002)

(25) de (26) de

(30) 101 53 352.7 29 Oct/oct 2001 DE (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ANTI-ADHESIVELY COATED FORMING TOOLS

• OUTILS DE MOULAGE POUR VUS D'UN REVETEMENT ANTI-ADHESIF

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE). GE BAYER SILICONES GMBH & CO. KG [DE/DE]; 40699 Erkrath (DE).

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

(72, 75) HEILIG, Gerhard [DE/DE]; Drosselweg 40, 51467 Bergisch Gladbach (DE). GROSS, Thomas [DE/DE]; Kenkhausen 17, 42929 Wermelskirchen (DE). STEINBERGER, Helmut [DE/DE]; Winand-Rossi-Str. 36, 51375 Leverkusen (DE).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

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

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

Declarations / Déclarations :

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

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

(51)⁷ B29C 39/02, 39/40 // (B29K 75/00, 105:04, B29L 31:58)

(11) WO 03/037594 (13) A1

(21) PCT/JP02/11128

(22) 28 Oct/oct 2002 (28.10.2002)

(25) ja (26) ja

(30) 2001-331039 29 Oct/oct 2001 JP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • RIGID POLYURETHANE FOAM PRODUCT FORMED USING MOLD

• PRODUIT EN MOUSSE DE POLYURETHANNE RIGIDE FORME AU MOYEN D'UN MOULE

(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) HORIMATSU, Toshiyuki [JP/JP]; c/o Yokohama Plant Bridgestone Corporation, 1, Kashio-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0812 (JP).

(74) SHIGENO, Tsuyoshi; Nissin bldg., 9th floor, 5-10, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B29C 41/04

(11) WO 03/037595 (13) A1

(21) PCT/EP02/12124

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 01309253.1 31 Oct/oct 2001 EP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ROTOMOULDING

• ROTOMOULDAGE AU MOYEN DE VIBRATIONS BASSE FREQUENCE

(71) BOREALIS TECHNOLOGY OY [FI/FI]; P.O. Box 330, FIN-06101 Porvoo (FI).

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

(72, 75) EGGEN, Svein, Staal [NO/NO]; Borealis Technology OY, PO Box 330, FIN-06101 Porvoo (FI).

(74) JACKSON, Robert et al. / etc.; 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B29C 41/28

(11) WO 03/037596 (13) A1

(21) PCT/US02/32593

(22) 11 Oct/oct 2002 (11.10.2002)

(25) en (26) en

(30) 10/021,484 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS FOR CONTINUOUS VACUUM FORMING BETWEEN A PAIR OF ROTATING BELTS

• APPAREIL DE FORMAGE SOUS VIDE EN CONTINU ENTRE UNE PAIRE DE BANDES SANS FIN ROTATIVES

(71) BOSLER DESIGNS, INC. [US/US]; 1710-1 Stout Street, Warminster, PA 18974 (US).

(72) BOSLER, Kenneth; 82 Mulberry Drive, Holland, PA 18966 (US). BOSLER, Robert; 50 Princeton Court, Langhorne, PA 19047 (US). BOSLER, Ralph; 7 Park View Circle, Holland, PA 18966 (US).

(74) DUNN MCKAY, Diane; Mathews, Collins, Shepherd & McKay, P.A., 100 Thanet Circle, Suite 306, Princeton, NJ 08540 (US).

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

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

(51)⁷ B29C 43/14, 43/36, 43/52 // B29K 105:26

(11) WO 03/037597 (13) A1

(21) PCT/NZ02/00229

- (22) **31 Oct/oct 2002 (31.10.2002)**
 (25) en (26) en
 (30) 515224 **2 Nov/nov 2001 NZ (02.11.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • A METHOD OF FORMING PLASTICS MATERIAL INTO A BLOCK
 • PROCEDE ET DISPOSITIF POUR FORMER UN ARTICLE ET ARTICLE AINSI FORME
- (71) **BALE FUSION LIMITED [NZ/NZ];** 74 Glenda Drive, Frankton Industrial Estate, Queenstown (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEWIS, Peter, Joseph, Lelievre [NZ/NZ];** 60 Dalefield Road, R D 1, Queenstown (NZ). **EVANS, Steven, Russell [NZ/NZ];** 205 Morven Ferry Road, RD 1, Queenstown (NZ).
- (74) **BALDWIN SHELSTON WATERS;** NCR House, 342 Lambton Quay, Wellington 6001 (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B29C 44/04**
 (11) **WO 03/037599** (13) A1
 (21) PCT/US02/29070
 (22) **12 Sep/sep 2002 (12.09.2002)**
 (25) en (26) en
 (30) 60/336,277 **1 Nov/nov 2001 US (01.11.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • BENDABLE POLYMERIC FOAM WITH A REINFORCED SLIT
 • MOUSSE POLYMERE PLIABLE A FENTE RENFORCEE
- (71) **DOW GLOBAL TECHNOLOGIES INC.** [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).
- (72) **BRUCKER, Michel, J.;** 41, rue du Lieutenant Bettignies, F-67840 Kilstett (FR).
- (74) **MORK, Steven, W.;** The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **B29C 45/16, B32B 7/00, 31/00**
 (11) **WO 03/037600** (13) A1
 (21) PCT/US02/34946
 (22) **31 Oct/oct 2002 (31.10.2002)**
 (25) en (26) en
 (30) 60/336,369 **31 Oct/oct 2001 US (31.10.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • INTERIOR TRIM COMPONENT AND METHOD OF FORMING SAME
 • COMPOSANT DE GARNITURE INTERIEURE ET SON PROCEDE DE FORMAGE
- (71) **WILSON, Kathryn, S. et al. / etc.;** Level 12, KPMG Centre, 85 Alexandra Street, Private Bag 3140, Hamilton 2001 (NZ).
- (71) **GLOBALTEX 2000, LTD [US/US];** 735 Prince Road, Unit C, Windsor, Ontario N9C 2Z2 (CA).
- (72) **CECCHIN, Euclide;** 3490 Victoria Boulevard, Windsor, Ontario N9E 3L2 (CA). **FICHTENTHAL, Helmut, Nicolaus;** Frschelsgasse 39, CH-3210 Kerzers (CH). **SYED, Joseph, Omar;** 615 Delaware Avenue, La Salle, Ontario N9J 3J8 (CA). **DIBARTOLOMEO, Mario;** 250 McCurdy Drive, Amherstburg, Ontario N9V 3K4 (US). **ARMSTRONG, Dave;** 1480 Monck Avenue, LaSalle, Ontario N9J 3P4 (US).
- (74) **LAPRAIRIE, David, M. et al. / etc.;** Howard and Howard Attorneys, P.C., 39400 Woodward Avenue, Suite 101, Bloomfield Hills, MI 48304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **B29C 45/42**
 (11) **WO 03/037601** (13) A1
 (21) PCT/EP02/08740
 (22) **6 Aug/août 2002 (06.08.2002)**
 (25) de (26) de
 (30) 101 52 936.8 **26 Oct/oct 2001 DE (26.10.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • DEVICE FOR REMOVING AND/OR INSERTING WORKPIECES INTO AN INJECTION MOLD OF AN INJECTION MOLDING MACHINE
 • DISPOSITIF POUR PRELEVER ET/OU INSERER DES PIECES DANS UN MOULE D'INJECTION D'UNE PRESSE D'INJECTION
- (71) **KRAUSS-MAFFEI KUNSTSTOFFTECHNIK GMBH [DE/DE];** Krauss-Maffei Strasse 2, 80997 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GEISSLER, Anton [DE/DE];** Lessingstrasse 54, 85386 Eching (DE). **MENK, Michael [DE/DE];** Ligsalzstrasse 13, 85241 Hebertshausen (DE).
- (81) IN PL US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- Published / Publiée : (c)
- (51)⁷ **B29C 45/42, 45/17**
 (11) **WO 03/037602** (13) A1
 (21) PCT/EP02/08741
 (22) **6 Aug/août 2002 (06.08.2002)**
 (25) de (26) de
- (71) **BLUE MARBLE POLYMERS LIMITED [NZ/NZ];** 61 Wickham Street, Christchurch (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHAPMAN, Timothy, James [NZ/NZ];** 17 Hardwicke Street, Sumner, Christchurch (NZ). **ERRINGTON, John, Gough [NZ/NZ];** 11 Paparoa Street, Papanui, Christchurch (NZ). **HASTINGS, Maria, Louise [NZ/NZ];** 16 Crofton Road, Harewood, Christchurch (NZ). **HORNSEY, Anya, Jane [NZ/NZ];** 39A Scarborough Road, Sumner, Christchurch (NZ). **QUINN, Philip, James [NZ/NZ];** 259 Innes Road, St Albans, Christchurch (NZ).

(30) 101 52 932.5 26 Oct/oct 2001 DE
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE FOR REMOVING AN INJECTION MOULDED SUBSTRATE FROM AN INJECTION-MOULDING TOOL, AND INJECTION-MOULDING MACHINE EQUIPPED WITH SAME

• DISPOSITIF POUR RETIRER UN SUBSTRAT MOULÉ PAR INJECTION D'UN OUTIL DE MOULAGE PAR INJECTION, ET MACHINE DE MOULAGE PAR INJECTION POURVUE D'UN TEL DISPOSITIF

(71) KRAUSS-MAFFEI KUNSTSTOFFTECHNIK GMBH [DE/DE]; Krauss-Maffei-Str. 2, 80997 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HECHTL, Wolfgang [DE/DE]; Georgenstr. 122, 80798 München (DE).

(74) WILHELM, Ludwig; Mannesmann Plastics Machinery AG, Patentabteilung-ZS, Krauss-Maffei Str. 2, 80997 München (DE).

(81) CN IN PL US.

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

(51)⁷ B29C 47/54

(11) WO 03/037603 (13) A1

(21) PCT/US02/27437

(22) 28 Aug/août 2002 (28.08.2002)

(25) en (26) en

(30) 10/012,825 30 Oct/oct 2001 US
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS AND METHOD FOR EXTRUSION OF THIN-WALLED TUBES

• APPAREIL ET PROCÉDE D'EXTRUSION DE TUBES A PAROIS MINCES

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

(72) VENDITTI, James; 13 Lenape Drive, Somers, NJ 08873 (US). WOLEK, Howard; 22 Puddingstone Road, Morris Plains, NJ 07950 (US). WONG, Alice; 422B West Street, Fort Lee, NJ 07024 (US). SOGARD, David, J.; 5809 Concord Avenue, Edina, MN 55424 (US). HILL, Jason, P.; 7333 Drew Avenue N, Brooklyn Park, MN 55443 (US). GIRTON, Timothy, S.; 5512 Ridge Park Road, Edina, MN 55436 (US). BRODEUR, Christopher, B.; 246 West Eagle Lake Drive, Maple Grove, MN 55369 (US).

(74) BUDZYN, Ludomir, A. et al. / etc.; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).

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

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

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

Published / Publiée : (c)

(51)⁷ B29C 51/10, 51/30, B65D 1/00, 1/26

(11) WO 03/037604 (13) A1

(21) PCT/JP02/11284

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ja (26) ja

(30) 2001-332447 30 Oct/oct 2001 JP
(30.10.2001)

(30) 2002-286938 30 Sep/sep 2002 JP
(30.09.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CONTAINER, AND THERMAL FORMING DEVICE AND THERMAL FORMING METHOD THEREFOR

• CONTENANT, ET DISPOSITIF ET PROCÉDE DE THERMOFORMAGE DE CE DERNIER

(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) NAKAZATO, Shinsaku [JP/JP]; c/o Yoshino Kogyosho Co., Ltd., 2-6, Ojima 3-chome, Koto-ku, Tokyo 136-8531 (JP). TAKESHITA, Yasuo [JP/JP]; c/o Yoshino Kogyosho Co., Ltd., Shizuoka Plant, 900, Morimoto, Toyoda-cho, Iwata-gun, Shizuoka 438-0825 (JP). YOKOYAMA, Toshiyuki [JP/JP]; c/o Yoshino Kogyosho Co., Ltd., 2-6, Ojima 3-chome, Koto-ku, Tokyo 136-8531 (JP).

(74) ICHIKAWA, Rikichi et al. / etc.; Ichikawa Patent Agency, Katakura Bldg., 1-2, Kyobashi 3-chome, Chuo-ku, Tokyo 104-0031 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 B29C 51/14, 51/26, B32B 15/08 // B29K 305:00

(11) WO 03/037605 (13) A1

(21) PCT/US02/34989

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/336,502 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS OF THERMOFORMING NON-SELF-SUPPORTING POLYMERIC FILMS AND ARTICLES MADE THEREFROM

• PROCÉDES DE THERMOFORMAGE DE FILMS POLYMERES NON AUTO-PORTANTS, ET ARTICLES CORRESPONDANTS

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

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

(72, 75) MEYER, Daniel, E. [US/US]; 2389 Legion Lane N., Lake Elmo, MN 55042 (US). CALVERLEY, Karen, J. [US/US]; 1406 Myrtle Street W., Stillwater, MN 55082 (US). ENGELEN, Paul, S. [US/US]; 2925 Raleigh Avenue South, Minneapolis, MN 55416 (US). JOHNSON, Michael, A. [US/US]; 2318 Hidden Valley Lane, Stillwater, MN 55082 (US).

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

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

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

Published / Publiée : (c)

(51)⁷ B29C 67/00, G03F 7/00, C08J 3/28

(11) WO 03/037606 (13) A1

(21) PCT/EP02/11690

(22) 18 Oct/oct 2002 (18.10.2002)

(25) de (26) de

(30) 101 52 878.7 26 Oct/oct 2001 DE
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR PRODUCING THREEDIMENSIONAL BODIES OR THREEDIMENSIONAL SURFACES BY LASER RADIATION

• PROCÉDE POUR CREER DES CORPES TRIDIMENSIONNELS OU DES SURFACES TRIDIMENSIONNELLES PAR RAYONNEMENT LASER

(71) FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Leonrodstrasse 54, 80636 Muenchen (DE). LASER ZENTRUM HANNOVER E.V. [DE/DE]; Hollerithallee 8, 30419 Hannover (DE).

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

(72, 75) HOUBERTZ-KRAUSS, Ruth [DE/DE]; Am Mühlpfad 19, 97440 Werneck (DE). SCHULZ, Jochen [DE/DE]; Am Schenkenfeld 41, 97209 Veitshöchheim (DE). FROELICH, Lothar [DE/DE]; Amalienstrasse 5, 97072 Würzburg (DE). POPALL, Michael [DE/DE]; Weingartenstrasse 26, 97072 Würzburg (DE). CHICHKOV, Boris [RU/DE]; Altenbekener Damm 10, 30173 Hannover (DE). SERBIN, Jesper [DE/DE];

Dachenhausenstrasse 3, 30169 Hannover (DE).

(74) **LEONHARD OLGEMOELLER FRICKE et al.** / etc.; Olgemöller, Luitgard, Postfach 10 09 62, 80083 München (DE).

(81) US.

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

Published / Publiée : (c)

(51)⁷ B29C 67/00, A61J 3/10

(11) WO 03/037607 (13) A1

(21) PCT/US02/34836

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/339,920 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A SYSTEM AND METHOD FOR UNI-AXIAL COMPRESSION OF AN ARTICLE, SUCH AS A THREE-DIMENSIONALLY PRINTED DOSAGE FORM

• SYSTEME ET PROCEDE DE COMPRESSION UNIAXIALE D'UN ARTICLE TEL QU'UNE FORME POSOLOGIQUE A IMPRESSION TRIDIMENSIONNELLE

(71) **THERICS, INC.** [US/US]; 115 Campus Drive, Princeton, NJ 08540 (US). **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

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

(72, 75) **PRYCE LEWIS, Wendy, E.** [US/US]; 31 Hillcrest Circle, Watertown, MA 02472 (US). **ROWE, Charles, William** [US/US]; 770 Highland Avenue, Medford, MA 02155 (US). **CIMA, Michael, J.** [US/US]; 184 Mystic Valley Parkway, Winchester, MA 01890 (US). **MATERNA, Peter, A.** [US/US]; 81 Rector Street, Metuchen, NJ 08840 (US).

(74) **BETCHER, Susan, D.** et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B29C 70/00, F16D 1/06, F03D 11/02

(11) WO 03/037608 (13) A1

(21) PCT/SE02/01886

(22) 16 Oct/oct 2002 (16.10.2002)

(25) en (26) en

(30) 0103610-2 31 Oct/oct 2001 SE (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE AND METHOD FOR A DRIVE SHAFT

• DISPOSITIF ET PROCEDE CONCERNANT UN ARBRE D'ENTRAINEMENT

(71) **SAAB AB** [SE/SE]; S-581 88 Linköping (SE).

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

(72, 75) **KROGAGER, Max** [SE/SE]; Nya Tanneforsvägen 88, S-530 83 Linköping (SE). **VAARA, Jan** [SE/SE]; Klockartorpsvägen 38, S-582 75 Linköping (SE).

(74) **SAAB AB**; Saab Aerospace, Margareta Ydreskog, Technology Strategy and IPR, S-581 88 Linköping (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 ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

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

(51)⁷ B30B 9/08, 9/26

(11) WO 03/037609 (13) A1

(21) PCT/FR02/03726

(22) 30 Oct/oct 2002 (30.10.2002)

(25) fr (26) fr

(30) 01/14244 2 Nov/nov 2001 FR (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PRESS WITH HORIZONTAL PLATES

• PRESSE HORIZONTAL A PLATEAUX

(71, 72) **MARTINEZ, Serge** [FR/FR]; 4, chemin du Sol, F-11220 Montlaur (FR). **LAVE, François** [FR/FR]; 48, rue Pierre de Courbertin, F-11000 Carcassonne (FR).

(74) **LAGET, Jean-Loup**; Cabinet Loyer, 78, avenue Raymond Poincaré, F-75116 Paris (FR).

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

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

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B30B 11/00, 15/26

(11) WO 03/037610 (13) A1

(21) PCT/DE02/03983

(22) 22 Oct/oct 2002 (22.10.2002)

(25) de (26) de

(30) 101 51 858.7 24 Oct/oct 2001 DE (24.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR SETTING AND MONITORING A PRESS TOOL, ASSOCIATED PRESS TOOL AND CONTROL DEVICE

• PROCEDE POUR REGLER ET SURVEILLER UN OUTIL DE PRESSE, OUTIL DE PRESSE ET DISPOSITIF DE COMMANDE DE PRESSE ASSOCIES

(71) **DORST MASCHINEN- UND ANLAGENBAU GMBH & CO.** [DE/DE]; Mittenwalder Strasse 61, 82431 Kochel am See (DE).

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

(72, 75) **GRÖBL, Herbert, Ludwig** [DE/DE]; Stocket 14, 82418 Murnau (DE). **RAU, Walter** [DE/DE]; Bergwerkstrasse 15, 82439 Grossweil (DE).

(74) **THIELE, Thomas**; Kanzlei Leibbrand - Thiele, Isoldenstrasse 8, 80804 München (DE).

(81) US.

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

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)⁷ B30B 15/34, 15/02, B23K 20/02

(11) WO 03/037611 (13) A1

(21) PCT/US02/34653

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/001,906 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • COMPACT HOT PRESS

- PRESSE CHAUFFANTE COMPACTE
- (71) **THE BOEING COMPANY** [US/US]; P.O. Box 3707, M/S 13-08, Seattle, WA 98124-2207 (US).
- (72) **COMLEY, Peter, N.**; 21616 23rd St. Ct. E., Sumner, WA 98390 (US). **LARSEN, Robert, C.**; 18803 91st Ct. E. #B, Bonney Lake, WA 98390 (US). **POTTER, Alan, T.**; 2526 Circle Drive E., Fife, WA 98424 (US). **SPISHAK, Noel, A.**; 1710 127th Ave. SE, Bellevue, WA 98005 (US).
- (74) **GALBRAITH, Ann, K.**; The Boeing Company, P.O. Box 3707, M/C 13-08, Seattle, WA 98124-2207 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B32B**
- (11) **WO 03/037612** (13) A2
- (21) PCT/US02/34169
- (22) **25 Oct/oct 2002 (25.10.2002)**
- (25) en (26) en
- (30) 60/339,605 **26 Oct/oct 2001 US (26.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MULTIPLE-LAYERED NONWOVEN CONSTRUCTS FOR IMPROVED BARRIER PERFORMANCE
- STRUCTURE NON TISSEE MULTICOUCHES A PERFORMANCES BARRIERES RENFORCEES
- (71) **POLYMER GROUP, INC.** [US/US]; 4838 Jenkins Avenue, North Charleston, SC 29406 (US).
- (72) **NORTON, John**; 1018 Briarmore Drive, Indian Trail, NC 28079 (US).
- (74) **GEIMER, Stephen, D.**; Wood, Phillips, Katz, Clark & Mortimer, Citicorp Center, Suite 3800, 500 West Madison Street, Chicago, IL 60661-2511 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B32B 3/00, 3/06, 3/26, C23C 16/00**
- (11) **WO 03/037613** (13) A1
- (21) PCT/US02/34033
- (22) **24 Oct/oct 2002 (24.10.2002)**
- (25) en (26) en
- (30) 60/350,096 **29 Oct/oct 2001 US (29.10.2001)**
- (30) 10/082,712 **25 Feb/fév 2002 US (25.02.2002)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • FORMING THIN FILMS ON SUBSTRATES USING A POROUS CARRIER
- FORMATION DE COUCHES MINCES SUR DES SUBSTRATS AU MOYEN D'UN SUPPORT POREUX
- (71) **INNOVATION CHEMICAL TECHNOLOGIES, LTD.** [US/US]; 5144 Pinckney Drive, North Royalton, OH 44133 (US).
- (72) **ARORA, Pramod, K.**; 5144 Pinckney Drive, North Royalton, OH 44133 (US).
- (74) **TUROCY, Gregory; Amin & Turocy, LLP**, 1900 East 9th Street, 24th Floor, National City Center, Cleveland, OH 44114 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ **B32B 5/02, 9/00, 15/08, 15/20, 27/18, 31/00, C09J 5/02**
- (11) **WO 03/037614** (13) A1
- (21) PCT/US02/33363
- (22) **17 Oct/oct 2002 (17.10.2002)**
- (25) en (26) en
- (30) 60/343,765 **29 Oct/oct 2001 US (29.10.2001)**
- (30) 60/386,858 **7 Jun/juin 2002 US (07.06.2002)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • LABEL FILMS AND LABELING PROCESS
- FILMS D'ETIQUETTES ET PROCEDE D'ETIQUETAGE
- (71) **AVERY DENNISON CORPORATION** [US/US]; 150 North Orange Grove Boulevard, Pasadena, CA 91103 (US).
- (72) **SHIH, Frank, Y.**; 911 Palo Alto Drive, Arcadia, CA 91007 (US). **LI, Xing-Ya**; 411 N. Segovia Avenue, San Gabriel, CA 91775 (US). **KRAS, Walter, J.**; 1610 East Portola Avenue, Santa Ana, CA 92705 (US). **SEL-LENY, Thomas, E.**; 7595 Lambton Court, Concord, OH 44077 (US). **MACUGA, James, A.**; 8054 Viewmount Drive, Concord, OH 44077 (US).
- (74) **BOISSELLE, Armand, P.**; Renner, Otto, Boisselle & Sklar, LLP, 19th floor, 1621 Euclid Avenue, Cleveland, OH 44115 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B32B 5/12, 27/04, D04H 1/00, 3/00, 5/02**
- (11) **WO 03/037615** (13) A1
- (21) PCT/US02/30248
- (22) **24 Sep/sep 2002 (24.09.2002)**
- (25) en (26) en
- (30) 10/004,252 **1 Nov/nov 2001 US (01.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • INDUSTRIAL ROOFING FABRIC AND MEMBRANE
- TISSU ET MEMBRANE INDUSTRIELLES DE TOITURE
- (71) **MILLIKEN & COMPANY** [US/US]; 920 Milliken Road, Spartanburg, SC 29303 (US).
- (72) **FYNAN, Roger, T.**; 109 Windridge, LaGrange, GA 30240 (US). **ALLEN, Philbrick**; 402 Crossvine Way, Simpsonville, SC 29680 (US). **CALLAWAY, Brian**; 104 Elena Drive, Moore, SC 29369 (US). **MC-MURRAY, John, L.**; 2113 AB Jacks Road, Clinton, SC 29325 (US).
- (74) **MOSES, Thomas L.**; Milliken & Company, Legal Department (M-495), 920 Milliken Road, Spartanburg, SC 29303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B32B 5/14, 7/02**
- (11) **WO 03/037616** (13) A1
- (21) PCT/US02/34912
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) en (26) en
- (30) 2001/334729 **31 Oct/oct 2001 JP (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DECORATIVE STRUCTURE
- STRUCTURE DECORATIVE
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MI 55133-3427 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EGASHIRA, Ken** [JP/JP]; - (JP).
- (74) **KNECHT, Harold, C., III et al.** / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK 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 7/02, D04H 1/00, 1/54

(11) WO 03/037617 (13) A1

(21) PCT/US02/30392

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 10/057,568 29 Oct/oct 2001 US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • VARIED DENSITY NONWOVEN
• NON-TISSÉS A DENSITE VARIEE

(71) MILLIKEN & COMPANY [US/US]; 920
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(72) WENSTRUP, David, E.; 201 Woodridge
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(74) BACON, Jeffery, E.; Legal Department
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B32B 7/08, 27/12, 5/18, 7/12, C09J 7/02,
7/04, G10K 11/168

(11) WO 03/037618 (13) A1

(21) PCT/EP02/11864

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 01125433.1 2 Nov/nov 2001 EP
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INSULATING WEB
• FEUILLE D'ISOLATION

(71) MILLIKEN EUROPE N.V. [BE/BE]; 18
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les États désignés sauf US)

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HESS, Werner [DE/BE]; Muldersdreef 33,
B-9831 Deurle (BE). SCHREIBERS, Jan

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de la Montagne, F-80360 Comblès (FR).
AVIO, Bruno [FR/FR]; 47, avenue de Ver-
dun, F-59700 Marcq en Baroeul (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 B32B 15/08, 15/12, E04C 2/26

(11) WO 03/037619 (13) A1

(21) PCT/CA02/01652

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/330,848 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LAMINATE PANEL AND PROCESS
FOR PRODUCTION THEREOF
• PANNEAU LAMINE ET SON PROCÉDE
DE PRODUCTION

(71) DOFASCO, INC. [CA/CA]; 1330 Burling-
ton Street East, Box 2460, Hamilton, Ontario
L8N 3J5 (CA).

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les États désignés sauf US)

(72, 75) CLIFFORD, David, D'Arcy [CA/CA];
24 Hyslop Drive, Caledonia, Ontario N3W
2L2 (CA).

(74) NASSIF, Omar, A. et al. / etc.; Gowling
Lafleur Henderson LLP, Suite 4900, Comm-
merce Court West, Toronto, Ontario M5L 1J3
(CA).

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

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

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(51)⁷ B32B 15/08, H05K 1/03, C08G 73/10

(11) WO 03/037620 (13) A1

(21) PCT/JP02/11333

(22) 31 Oct/oct 2002 (31.10.2002)

(25) ja (26) ja

(30) 2001/336053 1 Nov/nov 2001 JP
(01.11.2001)

(30) 2001/336062 1 Nov/nov 2001 JP
(01.11.2001)

(30) 2002/162636 4 Jun/juin 2002 JP
(04.06.2002)

(30) 2002/189252 28 Jun/juin 2002 JP
(28.06.2002)

(30) 2002/218714 26 Jul/juil 2002 JP
(26.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • POLYIMIDE-METAL LAYERED PROD-
UCTS AND POLYAMIDEIMIDE-
METAL LAYERED PRODUCT

• PRODUITS MULTICOUCHE A BASE
DE POLYIMIDE-METAL ET PRODUIT
MULTICOUCHE A BASE DE POLY-
AMIDEIMIDE-METAL

(71) ARAKAWA CHEMICAL INDUSTRIES,
LTD. [JP/JP]; 3-7, Hiranomachi 1-chome,
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(72, 75) GODA, Hideki [JP/JP]; c/o Research &
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538-0053 (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 US.

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

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(51)⁷ B32B 27/00

(11) WO 03/037621 (13) A2

(21) PCT/US02/34642

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/336,405 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BONDING OF A FLUOROPOLYMER
LAYER TO A SUBSTRATE

• FIXATION D'UNE COUCHE DE FLUO-
ROPOLYMERE SUR UN SUBSTRAT

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

(72) GOVAERTS, Ludo; Post Office Box 33427,
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Paul, MN 55133-3427 (US). COGGIO,
William, D.; Post Office Box 33427, Saint
Paul, MN 55133-3427 (US). HINTZER,
Klaus; Post Office Box 33427, Saint Paul,
MN 55133-3427 (US). KASPAR, Harald;
Post Office Box 33427, Saint Paul, MN
55133-3427 (US).

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

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

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

(51)⁷ B32B 27/08

(11) WO 03/037622 (13) A1

(21) PCT/FI02/00852

(22) 1 Nov/nov 2002 (01.11.2002)

(25) fi (26) en

(30) 20012109 1 Nov/nov 2001 FI (01.11.2001)

(30) 20012110 1 Nov/nov 2001 FI (01.11.2001)

(30) 20012111 1 Nov/nov 2001 FI (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ELECTRICALLY CONDUCTIVE COVERING MATERIAL
• MATERIAU DE COUVERTURE ELECTRIQUEMENT CONDUCTEUR

(71) ESD-PLASTICS OY [FI/FI]; Kalevantie 7 C, FIN-33100 Tampere (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NIEMINEN, Jyri [FI/FI]; Lapinkaari 21 A 22, FIN-33180 Tampere (FI).

(74) SEPPO LAINE OY; Itämerenkatu 3 B, FIN-00180 Helsinki (FI).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 27/12

(11) WO 03/037623 (13) A1

(21) PCT/US02/31785

(22) 3 Oct/oct 2002 (03.10.2002)

(25) en (26) en

(30) 10/003,191 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ARCHITECTURAL FABRIC
• TISSU ARCHITECTURAL

(71) GORE ENTERPRISE HOLDINGS, INC. [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714 (US).

(72) KELMARTIN, Thomas; 430 Sharpless Street, West Chester, PA 19382 (US). LAPPE, Suellen; 155 White Pine Circle, Elkton, MD 21921 (US). GREENE, William; 2316 St. Francis Street, Wilmington, DE 19808 (US). WALLACE, Thomas; 857 Ebenezer Church Road, Rising Sun, MD 21911 (US).

(74) BOLAND, Kevin, J. et al. / etc.; W.L. Gore & Associates, Inc., P.O. Box 9206, 551 Paper Mill Road, Newark, DE 19714-9206 (US).

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

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

(51)⁷ B32B 27/36, B29C 49/22, 49/08, 49/64, B65D 1/00 // B29K 67/00

(11) WO 03/037624 (13) A1

(21) PCT/JP02/11464

(22) 1 Nov/nov 2002 (01.11.2002)

(25) ja (26) ja

(30) 2001-336601 1 Nov/nov 2001 JP (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MULTILAYER BOTTLE AND PROCESS FOR ITS PRODUCTION
• BOUTEILLE MULTICOUCHE ET SON PROCÉDE DE PRODUCTION

(71) KUREHA CHEMICAL INDUSTRY COMPANY, LIMITED [JP/JP]; 9-11, Nihonbashi Horidomecho 1-chome, Chuo-ku, Tokyo 103-8552 (JP).
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(72, 75) NAKAJIMA, Junji [JP/JP]; c/o Polymer Processing Technical Center, Kureha Chemical Industry Company, Limited, 18-13, Oaza Kamitamari, Tamari-mura, Niihari-gun, Ibaraki 311-3436 (JP). KATO, Takafumi [JP/JP]; c/o Polymer Processing Technical Center, Kureha Chemical Industry Company, Limited, 18-13, Oaza Kamitamari, Tamari-mura, Niihari-gun, Ibaraki 311-3436

(JP). MATSUKURA, Yoshihiro [JP/JP]; c/o Polymer Processing Technical Center, Kureha Chemical Industry Company, Limited, 18-13, Oaza Kamitamari, Tamari-mura, Niihari-gun, Ibaraki 311-3436 (JP).

(74) NISHIKAWA, Shigeaki; Visual City 401, 43-9, Higashi-Nippori 3-chome, Arakawa-ku, Tokyo 116-0014 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B32B 27/40, B60R 21/04, 13/02

(11) WO 03/037625 (13) A1

(21) PCT/JP02/11129

(22) 28 Oct/oct 2002 (28.10.2002)

(25) ja (26) ja

(30) 2001/331038 29 Oct/oct 2001 JP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SHOCK ABSORBING MATERIAL
• MATERIAU AMORTISSEUR

(71) BRIDGESTONE CORPORATION [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8340 (JP).
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(72, 75) HORIMATSU, Toshiyuki [JP/JP]; c/o Yokohama Plant, Bridgestone Corporation, 1, Kashio-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0812 (JP).

(74) SHIGENO, Tsuyoshi; Nissin bldg., 9th floor, 5-10, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B41C 1/18, B41F 13/08

(11) WO 03/037626 (13) A1

(21) PCT/AU02/01457

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) PR 8574 29 Oct/oct 2001 AU (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PRINTING CYLINDERS AND METHODS OF CONSTRUCTION

- ENSEMBLES CYLINDRES D'IMPRESION ET PROCEDES DE CONSTRUCTION

(71) KIRK ENGINEERING SERVICES AUSTRALIA PTY LTD [AU/AU]; 6 Airds Road, Minto, New South Wales 2566 (AU).

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(72, 75) KIRK, Graeme [AU/AU]; c/- Kirk Group, 6 Airds Road, Minto, New South Wales 2566 (AU).

(74) PHILLIPS ORMONDE & FITZPATRICK; 367 Collins Street, Melbourne, Victoria 3000 (AU).

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

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

(51)⁷ B41F 13/00

(11) WO 03/037627 (13) A2

(21) PCT/DE02/03959

(22) 19 Oct/oct 2002 (19.10.2002)

(25) de (26) de

(30) 101 52 524.9 24 Oct/oct 2001 DE (24.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DRAW-IN TIP

- POINTE D'ALIMENTATION

(71) KOENIG & BAUER AKTIENGESELLSCHAFT [DE/DE]; Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

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(72, 75) HARTMANN, Manfred, Wolfgang [DE/DE]; Engenthal 68, 97725 Elfershausen (DE). MICHALIK, Horst, Bernhard [DE/DE]; Allerseeeweg 22, 97204 Höchberg (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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B41F 13/03

(11) WO 03/037628 (13) A1

(21) PCT/DE02/03957

(22) 19 Oct/oct 2002 (19.10.2002)

(25) de (26) de

(30) 101 52 523.0 24 Oct/oct 2001 DE (24.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DRAWING-IN DEVICE FOR DRAWING IN A WEB OF MATERIAL

- ELEMENT D'ALIMENTATION DESTINE A ALIMENTER UNE BANDE DE MATERIAU

(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) HARTMANN, Manfred, Wolfgang [DE/DE]; Engenthal 68, 97725 Elfershausen (DE). MICHALIK, Horst, Bernhard [DE/DE]; Allerseeeweg 22, 97204 Höchberg (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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 13/03

(11) WO 03/037629 (13) A2

(21) PCT/DE02/03960

(22) 19 Oct/oct 2002 (19.10.2002)

(25) de (26) de

(30) 101 52 518.4 24 Oct/oct 2001 DE (24.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DRAW-IN TIP AND CUTTING DEVICE

- POINTE D'ALIMENTATION ET DISPOSITIF DE SEPARATION

(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) MICHALIK, Horst, Bernhard [DE/DE]; Allerseeeweg 22, 97204 Höchberg (DE). HARTMANN, Manfred, Wolfgang [DE/DE]; Engenthal 68, 97725 Elfershausen (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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B41F 13/11, 3/00, B41C 1/00, B41N 1/22

(11) WO 03/037630 (13) A1

(21) PCT/AU02/01458

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) PR 8573 29 Oct/oct 2001 AU (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PRINTING ELEMENTS AND METHODS OF CONSTRUCTION

- ELEMENTS D'IMPRIMERIE ET PROCEDES D'ELABORATION

(71) KIRK ENGINEERING SERVICES AUSTRALIA PTY LTD [AU/AU]; 6 Airds Road, Minto, New South Wales 2566 (AU).

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(72, 75) KIRK, Graeme [AU/AU]; Kirk Group, 6 Airds Road, Minto, New South Wales 2566 (AU).

(74) PHILLIPS ORMONDE & FITZPATRICK; 367 Collins Street, Melbourne, Victoria 3000 (AU).

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

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

(51)⁷ B41F 15/46

(11) WO 03/037631 (13) A1

(21) PCT/JP02/11227

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 2001-337691 2 Nov/nov 2001 JP (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SCREEN PRINTING APPARATUS

- APPAREIL D'IMPRESSION AU CADRE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-0050 (JP).

(72) **ABE Seiko**; 2-2-61-302, Nagatoishi, Kurume-shi, Fukuoka 830-0027 (JP). **MIYAHARA Seiichi**; 3-13-47, Nagatoishi, Kurume-shi, Fukuoka 830-0027 (JP). **OTAKE Yuji**; 2-11-15-403, Mukaishimachi, Minami-ku, Fukuoka-shi, Fukuoka 811-1345 (JP). **SAKAMOTO Hirotoishi**; 137-1, Muratamachi, Tosu-shi., Saga 841-0072 (JP).

(74) **OGURI Shohei et al. / etc.**; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **B41J 2/02, 29/377, B29C 67/00, G05D 23/00**

(11) **WO 03/037632** (13) A1

(21) PCT/US02/34835

(22) **29 Oct/oct 2002 (29.10.2002)**

(25) en (26) en

(30) 60/338,624 **29 Oct/oct 2001 US (29.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • A METHOD AND SYSTEM FOR CONTROLLING THE TEMPERATURE OF A DISPENSED LIQUID

• PROCEDE ET SYSTEME DE REGULATION DE LA TEMPERATURE D'UN LIQUIDE DISTRIBUE

(71) **THERICS, INC.** [US/US]; 115 Campus Drive, Princeton, NJ 08540 (US). **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

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(72, 75) **TEUNG, Patrick** [US/US]; 225 Union Avenue, Apt. 227, Campbell, CA 95008 (US). **CIMA, Michael, J.** [US/US]; 184 Mystic Valley Parkway, Winchester, MA 01890 (US). **PRYOR, Timothy, J.** [US/US]; 342 Richard Road, Yardley, PA 19067 (US). **MATERNA, Peter, A.** [US/US]; 81 Rector Street, Metuchen, NJ 08840 (US).

(74) **BETCHER, Susan, D. et al. / etc.**; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

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

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

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

(51)⁷ **B41J 2/14**

(11) **WO 03/037633** (13) A1

(21) PCT/US02/34647

(22) **28 Oct/oct 2002 (28.10.2002)**

(25) en (26) en

(30) 60/348,429 **29 Oct/oct 2001 US (29.10.2001)**

(30) 10/006,489 **6 Dec/déc 2001 US (06.12.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS AND METHOD FOR DROPLET STEERING

• APPAREIL ET PROCEDE PERMETTANT DE DIRIGER DES GOUTTE-LETTES

(71) **EDC BIOSYSTEMS, INC.** [US/US]; 871 Fox Lane, San Jose, CA 95131 (US).

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

(72, 75) **WILLIAMS, Roger, O.** [US/US]; 4678 E. Foothill Drive, Paradise Valley, AZ 85253 (US). **VAN TUYL, Michael** [US/US]; 394 Sunpark Drive, San Jose, CA 95136 (US). **FORBUSH, Michael, J.** [US/US]; 591 Bordeaux Place, Hollister, CA 95023 (US).

(74) **HAN, Johny, U. et al. / etc.**; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 **B41J 2/175**

(11) **WO 03/037634** (13) A1

(21) PCT/CN02/00723

(22) **15 Oct/oct 2002 (15.10.2002)**

(25) zh (26) zh

(30) 01265494.9 **31 Oct/oct 2001 CN (31.10.2001)**

(30) 01142340.4 **11 Dec/déc 2001 CN (11.12.2001)**

(30) 02115259.4 **23 May/mai 2002 CN (23.05.2002)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • AN INK CARTRIDGE FOR A PRINTER

• CARTOUCHE D'ENCRE POUR IMPRIMANTE

(71) **UNICORN IMAGE PRODUCTS CO. LTD. OF ZHUHAI** [CN/CN]; No. 32, Rd. Ping Bei Yi Lu, Nanping Scientific &

Technological Industries Garden, Zhuhai, Guangdong 519060 (CN).

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

(72, 75) **XIAO, Qingguo** [CN/CN]; Room 2B, Block 20A, Qiaoxing Garden, Gongbei District, Zhuhai, Guangdong 519020 (CN). **LI, Yu** [CN/CN]; Room 702, Block 16, Taojing Garden, Zhuhai, Guangdong 519060 (CN).

(74) **GUANGZHOU SCIHEAD PATENT**; Room 1508, Huihua Commercial & Trade Building, No. 80, XianLie Zhong Road, Guangzhou, Guangdong 510070 (CN).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **B41J 2/45, H04N 1/036**

(11) **WO 03/037635** (13) A1

(21) PCT/JP02/10923

(22) **22 Oct/oct 2002 (22.10.2002)**

(25) ja (26) ja

(30) 2001/330886 **29 Oct/oct 2001 JP (29.10.2001)**

(30) 2001/375323 **10 Dec/déc 2001 JP (10.12.2001)**

(30) 2001/381295 **14 Dec/déc 2001 JP (14.12.2001)**

(30) 2002/26434 **4 Feb/fév 2002 JP (04.02.2002)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • OPTICAL WRITING HEAD DRIVING METHOD AND DRIVER CIRCUIT

• PROCEDE D'ENTRAÎNEMENT D'UNE TÊTE D'ÉCRITURE OPTIQUE ET CIRCUIT DE COMMANDE

(71) **NIPPON SHEET GLASS CO., LTD.** [JP/JP]; 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

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

(72, 75) **YOSHIDA, Harunobu** [JP/JP]; c/o Nippon Sheet Glass Co., Ltd., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). **OHNO, Seiji** [JP/JP]; c/o Nippon Sheet Glass Co., Ltd., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). **KUSUDA, Yukihisa** [JP/JP]; c/o Nippon Sheet Glass Co., Ltd., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(74) **IWASA, Yoshiyuki**; IN BLDG., 10-17, Higashikanda 2-chome, Chiyoda-ku, Tokyo 101-0031 (JP).

(81) CN US.

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

- (51)⁷ **B41J 3/407**
 (11) **WO 03/037636** (13) A2
 (21) PCT/US02/34641
 (22) **29 Oct/oct 2002 (29.10.2002)**
 (25) en (26) en
 (30) 10/016,560 **30 Oct/oct 2001 US (30.10.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • **HARD COPY SYSTEM INCLUDING REWRITABLE MEDIA**
 • SYSTEME DE COPIE PAPIER FAISANT INTERVENIR UN SUPPORT REINSCRIPTIBLE
 (71) **HEWLETT-PACKARD COMPANY** [US/US]; Legal Department, 3000 Hanover Street, M/S 1051, Palo Alto, CA 93404-1112 (US).
 (72) **VINCENT, Kent, D.**; 20863 Sola Street, Cupertino, CA 95014 (US). **ZHANG, Xiao-An**; 689 Grand Fir Avenue #2, Sunnyvale, CA 94086 (US). **WILLIAMS, R., Stanley**; 105 Laurel Way, Mountain View, CA 94040 (US).
 (74) **LEE, Denise, A.**; Hewlett-Packard Company, IP Administration, P O Box 272400, Fort Collins, CO 80527-2400 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B41J 11/44, G06F 15/16**
 (11) **WO 03/037637** (13) A1
 (21) PCT/US02/34790
 (22) **29 Oct/oct 2002 (29.10.2002)**
 (25) en (26) en
 (30) 10/003,788 **31 Oct/oct 2001 US (31.10.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • **LOCATION BASED PRINT JOB DISTRIBUTION**
 • REPARTITION DE TACHES D'IMPRESSION EN FONCTION DE L'EMPLACEMENT
 (71) **HEWLETT-PACKARD COMPANY** [US/US]; 3000 Hanover Street, Palo Alto, CA 94304-1112 (US).
 (72) **GROHS, Randall, E.**; 10279 W. Deep Canyon Drive, Star, ID 83669 (US).
 (74) **LIMON, Jeff, D.**; 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (a)
-
- (51)⁷ **B41K**
 (11) **WO 03/037639** (13) A2
 (21) PCT/US02/31879
 (22) **4 Oct/oct 2002 (04.10.2002)**
 (25) en (26) en
 (30) 60/340,028 **29 Oct/oct 2001 US (29.10.2001)**
 (30) 09/683,426 **27 Dec/déc 2001 US (27.12.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • **POSTAGE STAMPS AUTHENTICATING THE SENDER OF A MAIL PIECE, AND METHODS FOR USE THEREWITH**
 • TIMBRES-POSTE AUTHENTIFIANT L'EXPEDITEUR D'UN COURRIER, ET PROCEDE D'UTILISATION
 (71) **NEOPOST GROUP** [US/US]; 19 Forest Parkway, Shelton, CT 06484 (US).
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 (72, 75) **BROOKNER, George** [US/US]; 11 Surrey Drive, Norwalk, CT 06851 (US).
 (74) **OPPEDAHL, Carl**; Oppedahl & Larson LLP, P.O. Box 5068, Dillon, CO 80435-5068 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B41K 1/10**
 (11) **WO 03/037640** (13) A1
 (21) PCT/JP02/11448
 (22) **1 Nov/nov 2002 (01.11.2002)**
 (25) ja (26) ja
 (30) 2001-338186 **2 Nov/nov 2001 JP (02.11.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • **STAMP**
 • TAMPON
 (71) **TAISEI PLAS CO., LTD.** [JP/JP]; 11-8, Nihonbashi Hamacho 1-chome, Chuo-ku, Tokyo 103-0007 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **NARITOMI, Masanori** [JP/JP]; c/o Taisei Plas Co., LTD., 1-9, Nihonbashi Honcho 1-chome, Chuo-ku, Tokyo 103-0023 (JP).
 (74) **MAEDA, Hitoshi et al. / etc.**; MAEDA & NISHIDE, 2F, Kiriya Bldg., 1-1, Sarugakucho 2-chome, Chiyoda-ku, Tokyo 101-0064 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B41M**
 (11) **WO 03/037641** (13) A2
 (21) PCT/EP02/11920
 (22) **24 Oct/oct 2002 (24.10.2002)**
 (25) en (26) en

- (30) 60/336,280 **2 Nov/nov 2001** US
(02.11.2001)
- (30) 60/338,534 **29 Nov/nov 2001** US
(29.11.2001)
- (30) 60/406,441 **28 Aug/août 2002** US
(28.08.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • INK JET RECORDING MEDIUM
• SUPPORT D'ENREGISTREMENT A JET D'ENCRE
- (71) CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, 4057 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DUNGWORTH, Howard, Roger [GB/GB]; 9 Thorpe Mill Court, Rochdale Road Triangle, Halifax, West Yorkshire HX6 3DA (GB). NAISBY, Andrew, J. [GB/US]; 2108 Crompond Road, Yorktown Heights, NY 10598 (US). SUHADOLNIK, Joseph [US/US]; 337 Hallocks Mill Road, Yorktown Heights, NY 10598 (US). YALE, David, A. [GB/US]; 47 Davis Avenue, White Plains, NY 10605 (US).
- (74) CIBA SPECIALTY CHEMICALS HOLDING INC. Patentabteilung; Klybeckstrasse 141, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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
- (11) WO 03/037642 (13) A2
- (21) PCT/US02/34702
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 60/341,015 **29 Oct/oct 2001** US
(29.10.2001)
- (30) 10/159,907 **31 May/mai 2002** US
(31.05.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PRINT TECHNOLOGY BASED ON HIGH ENERGY BEAMS
• TECHNOLOGIE D'IMPRESSION REPOSANT SUR L'UTILISATION DE FAISCEAUX A HAUTE ENERGIE
- (71) ASCOM HASLER MAILING SYSTEMS, INC. [US/US]; 19 Forest Parkway, Shelton, CT 06484 (US).
- (72) GLAISER, Axel; Leimenstrasse 36, CH-2575 Tauffelen (CH).
- (74) GREEN, Clarence, A. et al. / etc.; Perman & Green, LLP, 435 Post Road, Fairfield, CT 06824 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B41M 5/00
- (11) WO 03/037644 (13) A2
- (21) PCT/EP02/10450
- (22) 18 Sep/sep 2002 (18.09.2002)
- (25) de (26) de
- (30) 101 52 849.3 **29 Oct/oct 2001** DE
(29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • COATING AND METHOD FOR PRODUCING A PRODUCT OBTAINED BY HEAT TRANSFER AND/OR HEAT SUBLIMATION, AND USE OF SUCH A PRODUCT
• REVETEMENT ET PROCÉDE DE RÉALISATION D'UN PRODUIT OBTENU
- HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B41M 3/14
- (11) WO 03/037643 (13) A1
- (21) PCT/JP02/11258
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) ja (26) ja
- (30) 2001-331891 **30 Oct/oct 2001** JP
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • NETWORK POINT PRINTED MATTER AND PRINTING METHOD
• MATIERE IMPRIMEE A POINTS EN RESEAU ET PROCÉDE D'IMPRESION
- (71) JAPAN AS REPRESENTED BY SECRETARY OF AGENCY OF PRINTING BUREAU, MINISTRY OF FINANCE [JP/JP]; 2-4, Toranomom 2-chome, Minato-ku, Tokyo 105-8445 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAGASHIMA, Hisato [JP/JP]; 3-14-21, Koyawata, Odawara-shi, Kanagawa 256-0815 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 3/12
- (11) WO 03/037645 (13) A1
- (21) PCT/CA02/01485
- (22) 1 Oct/oct 2002 (01.10.2002)
- (25) en (26) en
- (30) 60/326,606 **1 Oct/oct 2001** US
(01.10.2001)
- (30) 10/236,272 **6 Sep/sep 2002** US
(06.09.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • BOOK WITH INTEGRAL MARKING INSTRUMENT RECEPTACLE
• LIVRE A RECEPTACLE INTEGRE POUR INSTRUMENT MARQUEUR
- (71) TRANSGLOBAL COMMUNICATIONS GROUP, INC. [CA/CA]; 17971-106A Avenue, Edmonton, Alberta T5S 1E6 (CA).
- (72) PRESCOTT, Steven; #1 Estate Crescent, St. Albert, Alberta T5S 1V8 (CA). PRESCOTT, Dawn; #1 Estate Crescent, St. Albert, Alberta T5S 1V8 (CA).
- (74) KINSMAN, Leslie, Anne et al. / etc.; Borden Ladner Gervais LLP, World Exchange Plaza, 100 Queen Street, Suite 1100, Ottawa, Ontario K1P 1J9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- PAR THERMOTRANSFERT ET/OU THERMOSUBLIMATION, ET UTILISATION D'UN TEL PRODUIT
- (71) EMTEC MAGNETICS GMBH [DE/DE]; Kaiser-Wilhelm-Str. 52, 67059 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KRAUTER, Heinrich [DE/DE]; Hinter Den Hägen 3, 31535 Neustadt (DE). WIND, Beate [DE/DE]; Tölzerstr. 21, 81379 München (DE).
- (74) BECKEWITZ, Friedrich; Patente und Lizenzen, Kistlerhofstrasse 70, 81379 München (DE).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B42D 15/02, 15/10, G06F 17/60, G06K 19/00, 19/077

(11) WO 03/037646 (13) A1

(21) PCT/JP01/09491

(22) 29 Oct/oct 2001 (29.10.2001)

(25) ja (26) ja

(43) 8 May/mai 2003 (08.05.2003)

(54) • EXHIBITION INVITATION CARD, INVITATION CARD ISSUING METHOD, AND CUSTOMER INFORMATION MANAGING SYSTEM

• CARTE D'INVITATION A UNE EXPOSITION, PROCEDE D'EMISSION DE LA CARTE D'INVITATION ET SYSTEME DE GESTION D'INFORMATIONS CLIENT

(71) TOWA PRINTING CO., LTD. [JP/JP]; 2-16, Takaida-naka 4-chome, Higashi-osaka-shi, Osaka 577-0065 (JP).

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

(72, 75) SAITO, Shoji [JP/JP]; 4-9, Nagara-nishi 1-chome, Kita-ku, Osaka-shi, Osaka 531-0061 (JP).

(74) KOMORI, Hisao; 4-34, Noninbashi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0011 (JP).

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

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

(51)⁷ B42F 17/28

(11) WO 03/037647 (13) A1

(21) PCT/DE02/04005

(22) 18 Oct/oct 2002 (18.10.2002)

(25) de (26) de

(30) 101 53 117.6 23 Oct/oct 2001 DE (23.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • STAND FOR A REVOLVING CARD INDEX

• SUPPORT POUR FICHER ROULANT

(71) "DURABLE" HUNKE & JOCHHEIM GMBH & CO. KG [DE/DE]; Westfalenstr. 77-79, 58636 Iserlohn (DE).

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

(72, 75) MAIER-HUNKE, Horst-Werner [DE/DE]; Poths Kreuz 28, 58640 Iserlohn (DE).

(74) GRÜNECKER KINKELDEY STOCK-MAIR & SCHWANHÄUSSER; Leistikowstr. 2, 14050 Berlin (DE).

(81) US.

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

Published / Publiée : (c)

(51)⁷ B44C 1/00

(11) WO 03/037648 (13) A2

(21) PCT/US02/34991

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/336,449 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CROSS-LINKED PRIMER COMPOSITION AND USE THEREOF IN THERMOFORMABLE FILMS

• COMPOSITION DE PRIMAIRE RETICULABLE, ET UTILISATION CORRESPONDANTE DANS DES FILMS THERMOFORMABLES

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

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

(72, 75) JOHNSON, Michael, A. [US/US]; 2318 Hidden Valley Lane, Stillwater, MN 55082 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B60B

(11) WO 03/037649 (13) A2

(21) PCT/US02/34168

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 10/008,266 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BLANK HUBCAPS

• ENJOLIVEURS VIERGES

(71) CLEVER COVERS, INC. [US/US]; 524 W. Winter Park St., Orlando, FL 32804 (US).

(72) SMITH, John, D.; 524 W. Winter Park St., Orlando, FL 32804 (US).

(74) STEINBERGER, Brian, S.; Law Offices of Brian S. Steinberger, P.A., 101 Brevard Avenue, Cocoa, FL 32922 (US).

(81) CA.

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

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ B60B 1/04

(11) WO 03/037650 (13) A1

(21) PCT/EP02/11314

(22) 9 Oct/oct 2002 (09.10.2002)

(25) en (26) en

(30) BO2001U000092 2 Nov/nov 2001 IT (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BICYCLE WHEEL PARTICULARLY FOR RACING AND MOUNTAIN BICYCLE

• ROUE DE BICYCLETTE DESTINEE EN PARTICULIER A UNE BICYCLETTE DE COURSE ET A UNE BICYCLETTE DE MONTAGNE

(71) VUELTA INTERNATIONAL S.P.A. [IT/IT]; Via Lombardia, 18, I-40060 Osteria Grande (IT).

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

(72, 75) FIORAVANTI, Moreno [IT/IT]; Via Turati, 8/A, I-40064 Ozzano dell'Emilia (IT).

(74) MODIANO, Guido; Modiano & Associati, Via Meravigli, 16, IT-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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B60B 1/14

(11) WO 03/037651 (13) A1

(21) PCT/US02/17534

(22) 31 May/mai 2002 (31.05.2002)

(25) en (26) en

(30) 60/338,531 30 Oct/oct 2001 US (30.10.2001)

(30) 60/338,539 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FABRICATED VEHICLE WHEEL AND METHOD FOR PRODUCING SAME

• ROUE D'AUTOMOBILE MECANO-SOUDEE ET PROCEDE DE PRODUCTION

(71) HAYES LEMMERZ INTERNATIONAL, INC. [US/US]; 15300 Centennial Drive, Northville, MI 48167 (US).

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

(72, 75) COLEMAN, Alan [US/US]; 13182 Kimberly, Southgate, MI 48195 (US). HECK, Thomas, E. [US/US]; 202 Chalmette Circle, Monroe, MI 48162 (US). DUFFIELD, Todd [US/US]; 609 Cashew Street, Westland, MI 48186 (US). MILLER, Michael [US/US]; 231 Chauncey Court, Marshall, MI 49068 (US). RAYMOND, Robert [US/US]; 46247 Galway, Novi, MI 48374 (US).

(74) PAVELKO, Douglas, V.; MacMillan, Sobanski & Todd, LLC, 4th floor, One Maritime Plaza, Toledo, OH 43604 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B60B 3/04, 3/10

(11) WO 03/037652 (13) A1

(21) PCT/US02/19907

(22) 21 Jun/juin 2002 (21.06.2002)

(25) en (26) en

(30) 60/335,407 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FULL FACE FABRICATED VEHICLE WHEEL AND METHOD FOR PRODUCING SAME

• ROUE MONOBLOC USINEE POUR VEHICULE ET PROCEDE DE PRODUCTION CORRESPONDANT

(71) HAYES LEMMERZ INTERNATIONAL, INC. [US/US]; 15300 Centennial Drive, Northville, MI 48167 (US).

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

(72, 75) MCCORRY, Patrick [US/US]; 649 Herald, Plymouth, MI 48170 (US). GARCIA, Miguel, A. [US/US]; 31750 Marblehead Street, Farmington, MI 48336 (US).

(74) PAVELKO, Douglas, V.; MacMillan, Sobanski & Todd, LLC, 4th floor, One Maritime Plaza, 720 Water Street, Toledo, OH 43604 (US).

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

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

FI FR GB GR IE 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 B60B 5/02

(11) WO 03/037653 (13) A1

(21) PCT/US01/49449

(22) 29 Oct/oct 2001 (29.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • ENERGY-ABSORBING FLEXIBLE POLYMER VEHICLE WHEEL

• ROUE DE VEHICULE POLYMERE FLEXIBLE A ABSORPTION D'ENERGIE

(71) HIPER TECHNOLOGY, INC. [US/US]; 3242 W. 13th Street, Suite 500, wichita, KS 67203 (US).

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

(72, 75) THIESSEN, Bradley, W. [US/US]; 1632 N McComas, Wichita, KS 67203 (US). DARNELL, Thomas, A. [US/US]; 1010 N. Ridge Road, #512, Wichita, KS 67203 (US).

(74) LUEBBERING, Thomas, B.; Hovey, Williams, Timmons & Collins, 2405 Grand Boulevard, Suite 400, Kansas City, MO 64108 (US).

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

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

(51)⁷ B60B 21/04, 21/02

(11) WO 03/037654 (13) A1

(21) PCT/BR02/00034

(22) 7 Mar/mar 2002 (07.03.2002)

(25) en (26) en

(30) PI 0104931-3 31 Oct/oct 2001 BR (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A WHEEL AND A WHEEL RIM

• ROUE ET JANTE

(71) MERITOR DO BRASIL LTDA. [BR/BR]; Divisão LVS, Av. Major Levy Sobrinho, 2700, CEP-13486-925 Limeira, SP (BR).

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

(72, 75) CORTE, Claudio [BR/BR]; Rua Tatuibi, 345, CEP-Limeira, SP (BR).

(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA; Rua Marquês de Olinda, 70, Caixa Postal 2142, 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 DZ EC EE ES FI GB GD GE GH GM HR

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B60C 1/00, C08L 21/00, C08K 3/22

(11) WO 03/037655 (13) A1

(21) PCT/IB01/02046

(22) 30 Oct/oct 2001 (30.10.2001)

(25) it (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • TYRE WITH LOW ROLLING RESISTANCE, TREAD BAND AND ELASTOMERIC COMPOSITION USED THEREIN

• PNEU AVEC FAIBLE RESISTANCE AU ROULEMENT, BANDE DE ROULEMENT ET COMPOSITION ELASTOMERE UTILISEES DANS CE PNEU

(71) PIRELLI PNEUMATICI S.P.A. [IT/IT]; Viale Sarca, 222, I-20126 Milano (IT).

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(72, 75) GALIMBERTI, Maurizio [IT/IT]; Via Pannonia, 6, I-20133 Milano (IT). SENATORE, Daniela [IT/IT]; Via Castellani, 32, I-84014 Nocera Superiore (SA) (IT). FINO, Luigi [IT/IT]; Via Mazzini, 29, I-20030 Bovisio Masciago (IT). RATTI, Giuseppina [IT/IT]; Via Valassina, 14, I-20038 Seregno (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ B60C 9/22, 9/04, 9/20, 9/18

(11) WO 03/037656 (13) A1

(21) PCT/EP02/12019

(22) 28 Oct/oct 2002 (28.10.2002)

(25) fr (26) fr

(30) 01/14089 29 Oct/oct 2001 FR (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DOUBLE HALF-CARCASS TYRE WITH AN ADAPTED CROWN AREA

• PNEUMATIQUE AVEC DEMI-CARCASSES DOUBLES ET ZONE SOMMET ADAPTEE

(71) **SOCIETE DE TECHNOLOGIE MICHELIN** [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR).

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(71) **MICHELIN RECHERCHE ET TECHNIQUES S.A.** [CH/CH]; Route Louis Braille 10 et 12, CH-1763 Granges-Paccot (CH).

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(72, 75) **JARDINE, David** [GB/FR]; 6, rue d'Ambert, F-63000 Clermont-Ferrand (FR).
AUXERRE, Pascal [FR/FR]; 11, rue de la Pauze, F-63130 Royat (FR).

(74) **DEQUIRE, Philippe**; M.F.P. Michelin, SGD/LG/PI-F35-Ladoux, F-63040 Clermont-Ferrand Cedex 09 (FR).

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

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

(51)⁷ **B60C 9/22, 9/04, 9/20, 9/18**

(11) **WO 03/037657** (13) A1

(21) PCT/EP02/12020

(22) **28 Oct/oct 2002 (28.10.2002)**

(25) fr (26) fr

(30) 01/14088 **29 Oct/oct 2001 (29.10.2001)** FR

(43) 8 May/mai 2003 (08.05.2003)

(54) • **DOUBLE HALF-CARCASS TYRE WITH LOWERED CROWN REINFORCEMENTS**
• **PNEUMATIQUE AVEC DEMI-CARCASSES DOUBLES ET RENFORTS DE SOMMET ABAISSES**

(71) **SOCIETE DE TECHNOLOGIE MICHELIN** [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR).

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(71) **MICHELIN RECHERCHE ET TECHNIQUE S.A.** [CH/CH]; Route Louis-Braille 10 et 12, CH-1763 Granges-Pacot (CH).

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

(72, 75) **JARDINE, David** [GB/FR]; 6, rue d'Ambert, F-63000 Clermont-Ferrand (FR).
AUXERRE, Pascal [FR/FR]; 11, chemin de la Pauze, F-63130 Royat (FR).

(74) **DEQUIRE, Philippe**; M.F.P. Michelin, SGD/LG/PI-F35-Ladoux, F-63040 Clermont-Ferrand Cedex 09 (FR).

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

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

(51)⁷ **B60C 11/24**

(11) **WO 03/037658** (13) A1

(21) PCT/EP02/12262

(22) **4 Nov/nov 2002 (04.11.2002)**

(25) fr (26) fr

(30) 01/14493 **2 Nov/nov 2001 (02.11.2001)** FR

(43) 8 May/mai 2003 (08.05.2003)

(54) • **METHOD AND DEVICE FOR MEASURING WEAR IN RELATION TO A VEHICLE-MOUNTED TYRE**

• **PROCEDE ET DISPOSITIF DE MESURE DE L'USURE D'UN PNEUMATIQUE MONTE SUR UN VEHICULE**

(71) **SOCIETE DE TECHNOLOGIE MICHELIN** [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR).

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(71) **MICHELIN RECHERCHE ET TECHNIQUE S.A.** [CH/CH]; Route Louis Braille, 10-12, CH-1763 Granges-Paccot (CH).

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(72, 75) **ROBERT, Michel** [FR/FR]; 8, Allée du Patural, F-63200 Cellule (FR).
FONTANIER, Bernard [FR/FR]; 129, route de Pompignat, F-63119 Chateaugay (FR).

(74) **DEQUIRE, Philippe**; M.F.P. Michelin, SGD/LG/PI-F35-Ladoux, F-63040 Clermont-Ferrand Cedex 09 (FR).

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

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

Published / Publiée : (c)

(51)⁷ **B60C 15/00, 15/05, 15/06, 15/024**

(11) **WO 03/037659** (13) A1

(21) PCT/IT01/00554

(22) **31 Oct/oct 2001 (31.10.2001)**

(25) it (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • **TYRES FOR VEHICLE WHEELS WITH IMPROVED BEAD STRUCTURE**

• **PNEU POUR ROUES DE VEHICULE A STRUCTURE DE TALON AMELIOREE**

(71) **PIRELLI PNEUMATICI S.p.A.** [IT/IT]; Viale Sarca, 222, I-20126 Milano (IT).

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

(72, 75) **CARETTA, Renato** [IT/IT]; Viale dei Tigli 16, I-21013 Gallarate (IT).
LO PRESTI, Gaetano [IT/IT]; Via Savi, 8, I-20099 Sesto San Giovanni (IT).
NOTO, Rodolfo [IT/IT]; Via Pertini, 9, I-20064 Gorgonzola (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ **B60C 15/04, 17/00**

(11) **WO 03/037660** (13) A1

(21) PCT/IB01/02048

(22) **30 Oct/oct 2001 (30.10.2001)**

(25) it (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • **TYRE WITH IMPROVED BEAD CORE COMPRISING PREFORMED WIRES**

• **PNEU A TRINGLE COMPRENANT UN CABLE PREFORME**

(71) **PIRELLI PNEUMATICI S.P.A.** [IT/IT]; Viale Sarca, 222, I-20126 Milano (IT).

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

(72, 75) **DAGHINI, Guido, Luigi** [IT/IT]; 53, Via Maffucci, I-20158 Milano (IT).
FRISIANI, Luca [IT/IT]; Via Muratori, 3, I-20135 Milano (IT).
MISANI, Pierangelo [IT/IT]; Via Oslavia, 30, I-20052 Monza (IT).
RIVA, Guido [IT/IT]; Via Aosta, 13, I-20155 Milano (IT).

(74) **PIRELLI PNEUMATICI S.P.A.**; GIANNESI, Pier, Giovanni, 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ **B60C 17/00, 1/00, 9/18, C08K 5/098**

(11) **WO 03/037661** (13) A1

(21) PCT/US01/42520

(22) **5 Oct/oct 2001 (05.10.2001)**

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • STRUCTURALLY SUPPORTED RESILIENT TIRE AND MATERIALS

• PNEU ET MATERIAUX ELASTIQUES A SUPPORT STRUCTUREL

(71) SOCIETE DE TECHNOLOGIE MICHELIN [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR).

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

(71) MICHELIN RECHERCHE ET TECHNIQUE S.A. [CH/CH]; Route Louis-Braille 10 et 12, CH-1763 Granges-Paccot (CH).

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

(72, 75) GRAH, Michael, D. [US/US]; Apt. 214, 1421 Roper Mountain Road, Greenville, SC 29615 (US).

(74) FARLEY, Felipe, J.; Michelin North America, Inc., Intellectual Property Department, 515 Michelin Road, Greenville, SC 29605 (US).

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

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

(51)⁷ B60C 23/04

(11) WO 03/037662 (13) A1

(21) PCT/US02/34851

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/334,187 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TIRE PRESSURE MONITORING SYSTEM

• SYSTEME DE CONTROLE DE LA PRESSION DES PNEUS

(71) STEMCO LLC [US/US]; 300 East Industrial Boulevard, Longview, TX 75606 (US).

(72) KRANZ, Mark, J.; 2597 Firetower Road, Hallsville, TX 75650 (US).

(74) HARRINGTON, John, M. 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZW ZW.

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

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

Published / Publiée : (c)

(51)⁷ B60F 3/00

(11) WO 03/037663 (13) A1

(21) PCT/GB02/04842

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 0126195.7 1 Nov/nov 2001 GB (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • STEERING SYSTEM

• SYSTEME DE GUIDAGE

(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) RANDLE, James, Neville [GB/GB]; Pear tree House, High Street, Welford on Avon, CV37 8EF (GB). ROYCROFT, Terence, James [NZ/NZ]; 135, Manukau Heads Road, Awhitu, RD4 Waiuku, New Zealand (NZ).

(74) CHURCH, Simon 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZW ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 B60H

(11) WO 03/037664 (13) A2

(21) PCT/FR02/03585

(22) 18 Oct/oct 2002 (18.10.2002)

(25) fr (26) fr

(30) 01/14240 2 Nov/nov 2001 FR (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MOTOR FAN SYSTEM WHICH IS INTENDED, IN PARTICULAR, FOR A MOTOR VEHICLE HEATING AND/OR AIR-CONDITIONING SYSTEM

• GROUPE MOTO-VENTILATEUR, NOTAMMENT POUR INSTALLATION DE CHAUFFAGE ET/OU DE CLIMATISATION 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) KONG-A-SIOU, Dung [FR/FR]; 23, avenue Victor Hugo, F-94600 Choisy le Roi (FR). GATINOIS, Jean [FR/FR]; 1A, rue

de Coignière, F-78760 Jouars Pont Chartrain (FR).

(74) LEVEILLE, Christophe; Valeo Climatisation, 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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW ZW.

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

(51)⁷ B60H 1/00, B60S 1/02

(11) WO 03/037665 (13) A1

(21) PCT/EP02/10870

(22) 27 Sep/sep 2002 (27.09.2002)

(25) de (26) de

(30) 101 53 000.5 26 Oct/oct 2001 DE (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR PREVENTING MIST FORMATION OF A MOTOR VEHICLE GLASS PANES

• PROCÉDÉ POUR ÉVITER L'EMBUAGE DES VITRES D'UN VÉHICULE

(71) PREH WERKE GMBH & CO. KG [DE/DE]; An der Stadthalle, 97616 Bad Neustadt/Saale (DE).

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

(72, 75) SCHMITT, Hans-Michael [DE/DE]; Nikolaus-Molitor-Strasse 5, 97702 Münnerstadt (DE). BACH, Jürgen [DE/DE]; Ketteler-Strasse 41, 97616 Bad Neustadt (DE). OENNIG, Günther [DE/DE]; Neue Strasse 19, 97616 Salz (DE). POLZER, Thomas [DE/DE]; Hauptstrasse 169, 97616 Bad Neustadt (DE). BLAUFUSS, Martin [DE/DE]; Dorfstrasse 9, 98617 Sülzfeld (DE).

(74) DIETRICH, Barbara; Rheinmetall Aktiengesellschaft, Zentrale Patentabteilung, Rheinmetall Allee 1, 40476 Düsseldorf (DE).

(81) JP KR US.

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

(51)⁷ B60H 1/00, F25D 16/00

(11) WO 03/037666 (13) A1

(21) PCT/JP02/10255

(22) 2 Oct/oct 2002 (02.10.2002)

(25) en (26) en

(30) 2001-332728 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • VEHICULAR COOLING SYSTEM USING AIR CONDITIONER REFRIGERANT

• SYSTEME DE REFRIGERATION DE VEHICULE UTILISANT UN REFRIGERANT CONDITIONNEUR D'AIR

- (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) HANADA, Tomoyuki [JP/JP]; 24-3-103, Sagamigaoka 2-chome, Zama-shi, Kanagawa 228-0001 (JP).
- (74) MIYOSHI, Hidekazu et al. / etc.; 9th Floor, Toranomom Daiichi Building, 2-3, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN KR US.
- (84) EP (DE FR GB).
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- (51)⁷ B60J 5/00, 5/04
(11) WO 03/037667 (13) A1
(21) PCT/US01/45632
(22) 31 Oct/oct 2001 (31.10.2001)
(25) en (26) en
(43) 8 May/mai 2003 (08.05.2003)
(54) • VEHICLE PART AND METHOD OF MAKING SAME
• PIECE DE VEHICULE ET SON PROCEDE DE FABRICATION
- (71) LEAR CORPORATION [US/US]; 21557 Telegraph Road, Southfield, MI 48034 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SKARB, Brian, P. [US/US]; 11519 Applewood, Warren, MI 48093 (US). GIBNEY, Terrence, D., Jr. [US/US]; 30439 Ridge Court, New Hudson, MI 48165 (US). GEORGE, Richard, D. [US/US]; 1244 Olympia, Rochester Hills, MI 48306 (US). BERTA, Michael, J. [US/US]; 2104 Mapleridge, Rochester Hills, MI 48309 (US).
- (74) STUENKEL, Mark, E. et al. / etc.; Brooks & Kushman, 1000 Town Center, Twenty-Second Floor, Southfield, MI 48075 (US).
- (81) DE US.
-
- (51)⁷ B60J 5/04
(11) WO 03/037668 (13) A1
(21) PCT/EP02/09889
(22) 4 Sep/sep 2002 (04.09.2002)
(25) de (26) de
(30) 101 53 025.0 26 Oct/oct 2001 DE (26.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • IMPACT BEAM FOR A VEHICLE BODY
• CAISSON D'IMPACT D'UNE CARROSSERIE AUTOMOBILE
- (71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ALBERS, Hartmut [DE/DE]; Im Flöschle 3, 71120 Grafenau (DE). KIM, Patrick [US/DE]; Rohrackerstrasse 229, 70329 Stuttgart (DE). SCHUH, Thomas [DE/DE]; Hofstetterstrasse 22, 71336 Waiblingen (DE).
- (74) BRÜCKNER, Ingo 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 IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ B60J 5/04
(11) WO 03/037669 (13) A1
(21) PCT/US01/45628
(22) 31 Oct/oct 2001 (31.10.2001)
(25) en (26) en
(43) 8 May/mai 2003 (08.05.2003)
(54) • INTEGRATED DOOR MODULE
• MODULE DE PORTE INTEGRE
- (71) LEAR CORPORATION [US/US]; 21557 Telegraph Road, Southfield, MI 48034 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORRISON, Gerald, O. [US/US]; 20150 Plantation Lane, Beverly Hills, MI 48025 (US). GIBNEY, Terrence, D., Jr. [US/US]; 30439 Ridge Court, New Hudson, MI 48165 (US). BERTA, Michael, J. [US/US]; 2104 Mapleridge, Rochester Hills, MI 48309 (US). REUSSWIG, Holger [DE/DE]; Jaegerweg 3, 63128 Dietzenbach (DE). SKARB, Brian, P. [US/US]; 11519 Applewood, Warren, MI 48093 (US).
- (74) STUENKEL, Mark, E. et al. / etc.; Brooks & Kushman, 1000 Town Center, Twenty-Second Floor, Southfield, MI 48075 (US).
- (81) DE US.
-
- (51)⁷ B60J 7/12, B60P 7/04
(11) WO 03/037670 (13) A1
(21) PCT/FI02/00836
(22) 28 Oct/oct 2002 (28.10.2002)
(25) fi (26) en
(30) 20015033 29 Oct/oct 2001 FI (29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • VEHICLE DECK COVER DEVICE FOR COVERING THE LOAD
• DISPOSITIF DE RECOUVREMENT DE PLATE-FORME DESTINE A RECOUVRIR LE CHARGEMENT D'UN VEHICULE
- (71) MULTILIFT OY [FI/FI]; P.O. Box 39, FIN-21201 Raisio (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEPPÄLÄ, Teijo [FI/FI]; Taitoniekantie 13 B 21, FIN-40740 Jyväskylä (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B60K 35/00, G02F 1/13
(11) WO 03/037671 (13) A1
(21) PCT/JP02/11069
(22) 24 Oct/oct 2002 (24.10.2002)
(25) ja (26) ja
(30) 2001-333613 31 Oct/oct 2001 JP (31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • DISPLAY DEVICE FOR VEHICLE
• AFFICHEUR AUTOMOBILE
- (71) NIPPON SEIKI CO., LTD [JP/JP]; 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 940-8580 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MARUYAMA, Yousuke [JP/JP]; c/o R & D Center of Nippon seiki Co., Ltd., 190-1, Fujihashi 1-chome, Nagaoka-shi, Niigata 940-2141 (JP). KOJIMA, Tetsuaki [JP/JP]; c/o R & D Center of Nippon seiki Co., Ltd., 190-1, Fujihashi 1-chome, Nagaoka-shi, Niigata 940-2141 (JP). HAYAKAWA, Naoaki [JP/JP]; c/o R & D Center of Nippon seiki Co., Ltd., 190-1, Fujihashi 1-chome, Nagaoka-shi, Niigata 940-2141 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ B60K 41/06, F16H 61/02
(11) WO 03/037672 (13) A1
(21) PCT/SE02/01821
(22) 7 Oct/oct 2002 (07.10.2002)
(25) sv (26) en
(30) 0103620-1 31 Oct/oct 2001 SE (31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • GEAR BOX FOR MOTOR VEHICLES
• BOITE A VITESSES POUR VEHICULES AUTOMOBILES
- (71) VOLVO LASTVAGNAR AB [SE/SE]; S-405 08 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ERIKSSON, Anders [SE/SE]; Lövsckogsgatan 14, S-413 20 Göteborg (SE). STEEN, Marcus [SE/SE]; Fotbollsvägen 31, S-424 33 Angered (SE).
- (74) ALBIHNS GÖTEBORG AB et al. / etc.; Box 142, S-401 22 Göteborg (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

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

(51)⁷ B60N 2/00, 2/02, B60R 16/02

(11) WO 03/037673 (13) A1

(21) PCT/GB02/04908

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/335,508 31 Oct/oct 2001 US (31.10.2001)

(30) 0203887.5 18 Feb/fév 2002 GB (18.02.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • POWER ACTUATED SEAT

• SIEGE A REGLAGE ELECTRIQUE

(71) MUIRHEAD AEROSPACE LIMITED [GB/GB]; Oakfield Road, Penge, London, SE20 8EW (GB).

(72) RUMNEY, Timothy, John; 20 Croft Road, Oakley, Basingstoke, Hampshire RG23 7LA (GB).

(74) HOTCHKISS, Edward, S. et al. / etc.; Perkins Coie LLP, P.O. Box 1247, Seattle, Washington 98111-1247 (US).

(81) CA.

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

(51)⁷ B60N 2/02, 2/44, B62D 3/06, F16H 25/24

(11) WO 03/037674 (13) A1

(21) PCT/DE02/03092

(22) 23 Aug/août 2002 (23.08.2002)

(25) de (26) de

(30) 101 51 555.3 23 Oct/oct 2001 DE (23.10.2001)

(30) 102 31 746.1 13 Jul/juil 2002 DE (13.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • GEAR DRIVE UNIT PROVIDED WITH AN ADAPTER

• UNITE D'ENTRAÎNEMENT A ENGRENAGE MUNIE D'UN ADAPTEUR

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(72) WINTER, Manfred; Seestrasse 11, 77839 Lichtenau (DE). PETER, Gilles; Rue des Dominicains, F-67500 Haguenau (FR). LIENIG, Andreas; Honaustrasse 27c, 77815 Buehl (DE).

(81) BR KR.

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

(51)⁷ B60Q 1/00, B62J 6/00, F21V 7/00

(11) WO 03/037675 (13) A1

(21) PCT/US02/35007

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/040,268 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LAMP ASSEMBLY WITH DUAL MODE REFLECTOR

• ENSEMBLE LAMPE AVEC REFLECTEUR BI-MODE

(71) RM RACING, LLC [US/US]; 16161 North 81st Street, Scottsdale, AZ 85260 (US).

(72) MARCHETTI, Randy; 7771 East Phantom Way, Scottsdale, AZ 85255 (US).

(74) SULLIVAN, Stephen, T.; Sullivan Law Group, Suite 1140, 1850 North Central Avenue, Phoenix, AZ 85004-4586 (US).

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

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

(51)⁷ B60R

(11) WO 03/037676 (13) A1

(21) PCT/EP02/11546

(22) 16 Oct/oct 2002 (16.10.2002)

(25) de (26) de

(30) 201 17 369.7 26 Oct/oct 2001 DE (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NET ARRAY FOR MOUNTING IN A FRAME

• ENSEMBLE FILET DESTINE A ETRE MONTE SUR UN CADRE

(71) NÖLLE-PEPIN GMBH & BETRIEBS KG [DE/DE]; Am Damm 8, 58332 Schwelm (DE).

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

(72, 75) NÖLLE, Hans-Erich [DE/DE]; Kötchen 8, 58332 Schwelm (DE).

(74) SPALTHOFF, Adolf et al. / etc.; Haumanplatz 4, 45130 Essen (DE).

(81) CA MA US.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B60R

(11) WO 03/037677 (13) A2

(21) PCT/US02/30876

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 10/021,470 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SIDE IMPACT AIRBAG APPARATUS

• ENSEMBLE COUSSIN DE SECURITE GONFLABLE POUR CHOC LATERAL

(71) BREED AUTOMOTIVE TECHNOLOGY, INC. [US/US]; P.O. Box 33050,

5300 Old Tampa Highway, Lakeland, FL 33807-3050 (US).

(72) KALANDEK, Bruce; 24821 Calvin, Dearborn, MI 48124 (US). WIPASURAMONTON, Pongdet, P.; 311 Elm Street, Rochester, MI 48307 (US). MACY, Phillip, J.; 7775 Perry Lake Road, Clarkston, MI 48348 (US). JAKOVSKI, Jovica, J.; 14032 Joyce Drive, Warren, MI 48088 (US). OLSON, Mark, O.; 28175 Gettsburg, Farmington Hills, MI 48331 (US). HAGUE, Michael, A.; 6260 Seminole Drive, Troy, MI 48098 (US). SALMO, Shakir, M.; 4457 Ardmore Drive, Sterling Heights, MI 48310 (US). MACLEAN, John, C.; 5740 Mowerson Road, Brown City, MI 48416 (US).

(74) DRAYER, Lonnie, R., et al. / etc.; Breed Automotive Technologie, Inc., P.O. Box 33050, Lakeland, FL 33807-3050 (US).

(81) AT AU BR CA CN CO CZ DE DK ES FI GB HU ID IN JP KR MX NO PL PT RU SE SG TR YU ZA.

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

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AT AU BR CA CN CO CZ DE DK ES FI GB HU ID IN JP KR MX NO PL PT RU SE SG TR YU ZA EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(t) for the following designations / pour les désignations suivantes : AT AU BR CA CN CO CZ DE DK ES FI GB HU ID IN JP KR MX NO PL PT RU SE SG TR YU ZA EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(51)⁷ B60R

(11) WO 03/037678 (13) A2

(21) PCT/US02/31596

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 60/342,921 26 Oct/oct 2001 US (26.10.2001)

(30) 60/347,029 4 Jan/jan 2002 US (04.01.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FOLDABLE PERSONAL MOBILITY VEHICLE

• VEHICULE PERSONNEL PLIABLE

(71) ELECTRIC MOBILITY CORPORATION [US/US]; 1 Mobility Plaza, Sewell, NJ 08080 (US).

(72) FLOWERS, Michael, J.; 2 Shannon Lane, Mantua, NJ 08051 (US). FLOWERS, George, G.; 517 Fordham Road, Woodbury Heights, NJ 08097 (US). JAREMA, Stephen, III; 86 Pine Avenue, Pittsgrove, NJ 08318 (US). DWYER, Edward, J., Jr.; 427 Upperneck Road, Pittsgrove, NJ 08318 (US). VOLPE, Lee; 14A Holly Cove, Mt. Laurel, NJ 08054 (US). HE, Alex; 701 W. Red Bank Avenue, Apt N4, Woodbury, NJ 08096 (US). HOPELY, Robert, C., Jr.; 409 Second Street, Sewell, NJ 08085 (US).

(74) FRIJOUF, Robert, F.; Frijouf, Rust & Pyle, P.A., 201 East Davis Boulevard, Tampa, FL 33606 (US).

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

- HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B60R
- (11) WO 03/037679 (13) A2
- (21) PCT/US02/34823
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 10/000,509 30 Oct/oct 2001 US (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CHILDREN'S RIDE-ON VEHICLE
- VEHICULE AUTOPORTE POUR ENFANTS
- (71) MATTEL, INC. [US/US]; 333 Continental Boulevard, El Segundo, CA 90245 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUNTSBERGER, Kurt, J. [US/US]; 351 Geer Road, Chaffee, NY 14030 (US). JONES, John, L., Jr. [US/US]; 1547 Emery Road, East Aurora, NY 14052 (US). HOWELL, William, R. [US/US]; 23 Geer Road, Chaffee, NY 14030 (US). LERCH, Karl, D. [US/US]; 250 Pine Street, East Aurora, NY 14052 (US). BIENZ, Brian, L. [US/US]; 82 Leaside Drive, West Seneca, NY 14224 (US).
- (74) D'ASCENZO, David, S.; Kolisch Hartwell, P.C., 520 S.W. Yamhill Street, Suite 200, Portland, OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B60R 1/06
- (11) WO 03/037680 (13) A1
- (21) PCT/NL02/00689
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) nl (26) en
- (30) 1019258 30 Oct/oct 2001 NL (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • FASTENING CONSTRUCTION, IN PARTICULAR FOR A WING MIRROR OF A MOTOR VEHICLE
- CONSTRUCTION DE FIXATION, NOTAMMENT POUR RETROVISEUR LATÉRAL D'UN VEHICULE A MOTEUR
- (71) IKU HOLDING MONTFOORT B.V. [NL/NL]; Waardsedijk Oost 9, NL-3417 XJ Montfoort (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VAN STIPHOUT, Paulus, Gerardus, Maria [NL/NL]; Frans Kafkweg 25, NL-3446 ZK Woerden (NL).
- (74) PRINS, A.W.; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B60R 1/072, 1/08, 1/06
- (11) WO 03/037681 (13) A1
- (21) PCT/AU02/01464
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) PR 8528 30 Oct/oct 2001 AU (30.10.2001)
- (30) PR 8529 30 Oct/oct 2001 AU (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • A POWER TELESCOPING VEHICLE MIRROR ASSEMBLY
- ENSEMBLE RETROVISEUR TELESCOPIQUE ELECTRIQUE
- (71) SCHEFENACKER VISION SYSTEMS AUSTRALIA PTY LTD [AU/AU]; Sherriffs Road, Lonsdale, S.A. 5160 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WELLINGTON, Jason, Kingsley [AU/AU]; 41 Martin Court, West Lakes, S.A. 5021 (AU). DICKSON, James, Nicholas [AU/AU]; Unit 1, 5 Mason Lane, Glenelg North, S.A. 5045 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B60R 11/00
- (11) WO 03/037682 (13) A1
- (21) PCT/US02/04322
- (22) 13 Feb/fév 2002 (13.02.2002)
- (25) en (26) en
- (30) 09/785,710 16 Feb/fév 2001 US (16.02.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SHEET OR TISSUE DISPENSER BOX HOLDER
- SUPPORT POUR BOITE DE DISTRIBUTION DE FEUILLES OU DE MOUCHOIRS EN PAPIER
- (71, 72) WU, Charles [US/US]; 1469 Abajo Drive, Monterey Park, CA 91754 (US).
- (74) BEE, Richard, E.; P.O. Box 10544, Costa Mesa, CA 92627 (US).
- (81) AU BR CA CN ID IL IN JP KR MX NZ PH SG TR ZA.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ B60R 11/02
- (11) WO 03/037683 (13) A1
- (21) PCT/JP02/11057
- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) ja (26) ja
- (30) 2001-331977 30 Oct/oct 2001 JP (30.10.2001)
- (30) 2002-158759 31 May/mai 2002 JP (31.05.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • VEHICLE-MOUNTED ELECTRONIC DEVICE
- DISPOSITIF ELECTRONIQUE AUTOMOBILE EMBARQUE
- (71) KABUSHIKI KAISHA KENWOOD [JP/JP]; 2967-3, Ishikawa-cyo, Hachioji-shi, Tokyo 192-8525 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MATSUDA, Akihiro [JP/JP]; Byuhoumuzu II 302, 1-25-4, Fujigaoka, Aoba-ku, Yokohama-shi, Kanagawa 227-0043 (JP). HIRAKO, Ryoichi [JP/JP]; Saneguru Sagamihara 202, 3-8-17, Cyuou, Sagamihara-shi, Kanagawa 229-0039 (JP).
- (74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ B60R 13/02, H01H 9/08, E05B 65/20
- (11) WO 03/037684 (13) A1
- (21) PCT/EP02/11794
- (22) 22 Oct/oct 2002 (22.10.2002)
- (25) de (26) de
- (30) 101 52 452.8 26 Oct/oct 2001 DE (26.10.2001)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DEVICE FOR COVERING A FIXING ELEMENT AND CONTROL MECHANISM DESIGNED TO BE FIXED ON A MODULE
- DISPOSITIF POUR COUVRIR UN ELEMENT DE FIXATION ET DISPOSITIF DE COMMANDE DESTINE A ETRE FIXE SUR UN MODULE
- (71) LEOPOLD KOSTAL GMBH & CO. KG [DE/DE]; Wiesenstr. 47, 58507 Lüdenscheid (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LUKSCH, Thomas [DE/DE]; Holbeinweg 21, 58509 Lüdenscheid (DE). BLECKMANN, Michael [DE/DE]; Auf der Heide 6a, 58239 Schwerte (DE).
- (74) LEOPOLD KOSTAL GMBH & CO. KG; 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 SI 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 IE IT LU MC NL PT SE SK).

Published / Publiée : (c)

- (51)⁷ B60R 13/10, G06K 19/077
- (11) WO 03/037685 (13) A1
- (21) PCT/EP02/09224
- (22) 17 Aug/août 2002 (17.08.2002)
- (25) de (26) de
- (30) 101 53 145.1 27 Oct/oct 2001 DE (27.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • TYPE PLATE FOR IDENTIFYING AN OBJECT FOR VEHICLES
- PLAQUE SIGNALETIQUE DESTINEE A L'IDENTIFICATION D'UN OBJET DE VEHICULES AUTOMOBILES
- (71) HUF TOOLS GMBH [DE/DE]; Güterstrasse 17, 42551 Velbert (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HILLER, Albert [DE/DE]; Schwarzenbergstrasse 19, 45472 Mülheim (DE).
- (74) MENTZEL, Norbert; Kleiner Werth 34, 42275 Wuppertal (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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

- (51)⁷ B60R 16/02, H05K 5/02
- (11) WO 03/037686 (13) A1
- (21) PCT/DE02/03312
- (22) 6 Sep/sep 2002 (06.09.2002)
- (25) de (26) de
- (30) 101 51 689.4 19 Oct/oct 2001 DE (19.10.2001)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • FASTENING DEVICE FOR AN ELECTRICAL DEVICE
- DISPOSITIF DE FIXATION DESTINE A UN APPAREIL 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) MAYER, Frank [DE/DE]; Haendel-Strasse 10, 71640 Ludwigsburg (DE). SCHIEFER, Peter [DE/DE]; Fliederstrasse 6, 74199 Unterherrieden (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)⁷ B60R 16/02, H01R 9/24
- (11) WO 03/037687 (13) A1
- (21) PCT/US02/34141
- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) en (26) en
- (30) 10/040,015 26 Oct/oct 2001 US (26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • INTEGRATED AND FLEXIBLE POWER DISTRIBUTION ASSEMBLY
- ENSEMBLE MODULABLE INTEGRE DE DISTRIBUTION DE COURANT ELECTRIQUE
- (71) ALCOA FUJIKURA LTD. [US/US]; 830 Crescent Centre Drive, Suite 600, Franklin, TN 37067 (US).
- (72) BURDICK, Robert, C.; Fairlane Business Park, 999 Republic Drive, Allen Park, MI 48101 (US).
- (74) RICHARDS, John et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).
- (81) CA JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)⁷ B60R 19/18
- (11) WO 03/037688 (13) A1
- (21) PCT/US01/51274
- (22) 29 Oct/oct 2001 (29.10.2001)
- (25) en (26) en
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • BUMPER ASSEMBLY INCLUDING AN ENERGY ABSORBER
- ENSEMBLE DE PARE-CHOC COMPRENANT UN DISPOSITIF AMORTISSEUR
- (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)
- (71, 72) MARIJNISSEN, Kees [NL/NL]; Plasticlaan 1, Bergen op Zoom, NL-4600 AC (NL). SHULER, Stephen, F. [US/US]; 1331 S. Washington Avenue, Royal Oak, MI 48067 (US). SANTHANAM, Srikanth, M. [IN/CA]; 177 Bridge Avenue, Windsor, Ontario N9B 2M1 (CA).

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

- (51)⁷ B60R 22/12, G08B 5/00
- (11) WO 03/037689 (13) A1
- (21) PCT/GB02/04888
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 0125989.4 30 Oct/oct 2001 GB (30.10.2001)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IMPROVEMENTS IN OR RELATING TO FLEXIBLE WEBBING, BELTS OR STRAPS FOR SAFETY RESTRAINTS OR OTHERWISE
- AMELIORATIONS SE RAPPORTANT A DES SANGLES, DES CEINTURES OU DES LANIERES POUR DISPOSITIFS DE RETENUE OU ANALOGUES
- (71, 72) MORAN, John [GB/GB]; 4 Laurel Avenue, Burscough, Ormskirk, Lancashire L40 0SS (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 1/34
- (11) WO 03/037690 (13) A1
- (21) PCT/DE02/02362
- (22) 28 Jun/juin 2002 (28.06.2002)
- (25) de (26) de
- (30) 101 52 841.8 25 Oct/oct 2001 DE (25.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • WIPER ARM FOR A WINDSCREEN WIPER
- BRAS D'ESSUIE-GLACE
- (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) KNAUF, Richard [DE/FR]; Rue du Chemin de Fer 13, F-67480 Roppenheim (FR).

(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 B60T 8/00

(11) WO 03/037691 (13) A2

(21) PCT/US02/16046

(22) 21 May/mai 2002 (21.05.2002)

(25) en (26) en

(30) 60/292,637 22 May/mai 2001 US (22.05.2001)

(30) 10/054,048 22 Jan/jan 2002 US (22.01.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ANTI-LOCK BRAKING SYSTEM MODULE FOR AIRCRAFT EQUIPPED WITH MASTER CYLINDER BRAKE SYSTEMS

• MODULE DE SYSTEME DE FREINAGE ANTIBLOCAGE POUR AERONEF EQUIPE DE SYSTEMES DE FREINAGE A MAITRE-CYLINDRE

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) GALE, Allen R.; 204 South 34th Street, South Bend, IN 46615 (US). McWILLIAMS, Leo H.; 17664 Breckenridge Court, Granger IN 46530 (US). BLUNT, Allan W.; 50877 Safari Drive, Granger IN 46530 (US). ARNOLD, Jeffrey K.; 125 North Ironwood, South Bend IN 46615 (US).

(74) CRISS, Roger H. Esq. et al. / etc.; HONEYWELL INTERNATIONAL INC., 101 Columbia Avenue, P.O. Box 2245, Morristown, New Jersey 07960 (US).

(81) JP KR.

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

(51)⁷ B60T 13/12

(11) WO 03/037692 (13) A1

(21) PCT/US02/34716

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/012,669 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HYDRAULIC BRAKE BOOSTER

• RENFORÇATEUR POUR FREIN HYDRAULIQUE

(71) ROBERT BOSCH CORPORATION [US/US]; 2800 South 25th Avenue, Broadview, IL 60153 (US).

(72) MACKIEWICZ, John, E.; 3213 Redfield Road, Niles, MI 49120 (US). PENNINGER, William, John; 810 Phillip Road, Niles, MI 49120 (US).

(74) MCCORMICK, Leo, H., Jr.; 2112 Mishawaka Avenue, P.O. Box 4721, South Bend, IN 46634-4721 (US).

(81) JP.

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

Published / Publiée : (a)

(51)⁷ B60T 13/569

(11) WO 03/037693 (13) A1

(21) PCT/FR01/03362

(22) 29 Oct/oct 2001 (29.10.2001)

(25) fr (26) fr

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE CONSTITUTING A MOBILE AND SEALING PARTITION, IN PARTICULAR FOR A MOTOR VEHICLE BRAKING CIRCUIT BRAKE BOOSTER, AND BRAKE BOOSTER EQUIPPED THEREWITH

• DISPOSITIF FORMANT CLOISON MOBILE ET ETANCHE, EN PARTICULIER POUR SERVO-FREIN D'UN CIRCUIT DE FREINAGE DE VEHICULE AUTOMOBILE, ET SERVO-FREIN EQUIPE D'UN TEL DISPOSITIF.

(71) HUTCHINSON [FR/FR]; 2, rue Balzac, F-75008 PARIS (FR).

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

(72, 75) GAROIS, Nicolas [FR/FR]; 417, rue de la Coopération, F-45200 AMILLY (FR). ALCAIDE, Jean-Philippe [FR/ES]; C/Caupolican N°1-5F, 1005 CACERES (ES). LEONARD, Xavier [FR/FR]; Le Druillet, F-44370 ROUXIERE (FR). URBAIN, Didier [FR/FR]; 1, rue des Lutins, F-49500 Sainte Gennes D'Andigne (FR).

(74) CABINET ORES et al. / etc.; 36, rue de St Pétersbourg, F-75008 PARIS (FR).

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

(51)⁷ B61L

(11) WO 03/037694 (13) A2

(21) PCT/US02/34693

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/330,791 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CHAIN OF CUSTODY

• CHAINE DE COMMANDE

(71) NEW YORK AIR BRAKE CORPORATION [US/US]; 748 Starbuck Avenue, Wattertown, NY 13601 (US).

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

(72, 75) HAWTHORNE, Michael, J. [US/US]; 2319 Denham Drive, Arlington, TX 76001 (US).

(74) PALAN, Perry; Barnes & Thornburg, 750 17th Street, N.W., Suite 900, Washington, DC 20006 (US).

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

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

(51)⁷ B61L 1/06, G01B 11/16, G01M 5/00

(11) WO 03/037695 (13) A1

(21) PCT/EP02/11596

(22) 17 Oct/oct 2002 (17.10.2002)

(25) de (26) de

(30) 101 52 380.7 28 Oct/oct 2001 DE (28.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE FOR DETECTING RAIL MOVEMENT

• DISPOSITIF POUR LA DETECTION DE MOUVEMENTS DE RAILS

(71, 72) PIEPER, Siegfried [DE/DE]; Landgrafenstrasse 87a, 67549 Worms (DE).

(74) SARTORIUS, Peter; Sartorius, Thews & Thews, Elisabethenstrasse 24, 68535 Neckarhausen (DE).

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

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

(51)⁷ B62B 1/06

(11) WO 03/037696 (13) A1

(21) PCT/US01/51071

(22) 29 Oct/oct 2001 (29.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • COMPACT PANEL MOVING DEVICE

• DISPOSITIF MOBILE DE DEPLACEMENT DE PANNEAUX

(71, 72) YOUNG, Roland, O. [US/US]; 5950 E. Lake Drive, Grand Forks, ND 58201 (US).

(74) KLEVE, Robert, E.; 1103 24th Avenue S., Grand Forks, ND 58201 (US).

(81) AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY CA CH CN

CU CZ (Utility model / modèle d'utilité)
 CZ DE (Utility model / modèle d'utilité) DE
 DK (Utility model / modèle d'utilité) DK EE
 (Utility model / modèle d'utilité) EE ES FI
 GB GE GH GM HR HU ID IL IS JP KE KG
 KP KR KZ LC LK LR LS LT LU LV MD
 MG MK MN MW MX NO NZ PL PT RO
 RU SD SE SG SI SK SL TJ TM TR TT UA
 UG 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 CH CY DE DK ES FI
 FR GB GR IE 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 B62D 1/04

(11) WO 03/037697 (13) A1

(21) PCT/JP02/11198

(22) 29 Oct/oct 2002 (29.10.2002)

(25) ja (26) ja

(30) 2001-332992 30 Oct/oct 2001 JP
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CAR-MOUNTED DEVICE CONTROL
 SYSTEM
 • SYSTEME DE COMMANDE DE DIS-
 POSITIF MONTE A BORD D'UNE AU-
 TOMOBILE

(71) KABUSHIKI KAISHA TOKAI-RIKA-
 DENKI -SEISAKUSHO [JP/JP]; 260, Toy-
 ota 3-chome, Ohguchi-cho, Niwa-gun, Aichi
 480-0195 (JP).
*(for all designated States except / pour tous
 les États désignés sauf US)*

(72, 75) NAGASAKA, Chikao [JP/JP]; c/o
 KABUSHIKI KAISHA TOKAI-RIKA-
 DENKI-SEISAKUSHO, 260, Toyota
 3-chome, Ohguchi-cho, Niwa-gun, Aichi
 480-0195 (JP).

(74) NAKAJIMA, Jun et al. / etc.; TAIYO,
 NAKAJIMA & KATO, Seventh Floor,
 HK-Shinjuku Bldg., 3-17, Shinjuku 4-chome,
 Shinjuku-ku, Tokyo 160-0022 (JP).

(81) 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 B62D 3/12, F16H 55/26

(11) WO 03/037698 (13) A1

(21) PCT/EP02/11796

(22) 22 Oct/oct 2002 (22.10.2002)

(25) de (26) de

(30) 201 17 694.7 30 Oct/oct 2001 DE
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • RACK
 • CREMAILLERE

(71) TRW FAHRWERKSYSTEME GMBH &
 CO. KG [DE/DE]; Hansaallee 190, 40547
 Düsseldorf (DE).
*(for all designated States except / pour tous
 les États désignés sauf US)*

(72, 75) OP DEN CAMP, Eckart [DE/DE];
 Kemperhofweg 17, 56073 Koblenz (DE).

(74) STIES, Jochen; 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 SD SE SG SI SK SL TJ TM TN TR TT
 TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
 UG ZM ZW); EA (AM AZ BY KG KZ MD
 RU TJ TM); EP (AT BE BG CH CY CZ DE
 DK EE ES FI FR GB GR IE IT LU 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 21/11

(11) WO 03/037699 (13) A2

(21) PCT/US02/34271

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 10/014,281 26 Oct/oct 2001 US
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • VEHICLE SUBFRAME MOUNTING
 • MONTAGE D'UN FAUX CADRE DE
 VEHICULE

(71) DANA CORPORATION [US/US]; 4500
 Dorr Street, Toledo, OH 43615 (US).
*(for all designated States except / pour tous
 les États désignés sauf US)*

(72, 75) ZIECH, James [US/US]; 3409 Bronson
 Boulevard, Kalamazoo, MI 49008 (US). ZE-
 BOLSKY, Michael, L. [US/US]; 211 S. Mar-
 shall Avenue, Marshall, MI 49068 (US).

(74) KOLAKOWSKI, William, F.; Dykema
 Gossett PLLC, 39577 Woodward Avenue,
 Suite 300, Bloomfield Hills, MI 48304-5086
 (US).

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

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

(51)⁷ B62D 29/00

(11) WO 03/037700 (13) A1

(21) PCT/DE02/03978

(22) 22 Oct/oct 2002 (22.10.2002)

(25) de (26) de

(30) 101 53 712.3 31 Oct/oct 2001 DE
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LIGHT-WEIGHT COMPONENT, ESPE-
 CIALLY BODY PART
 • COMPOSANT LEGER, NOTAMMENT
 PIECE DE CARROSSERIE

(71) IMPERIA GESELLSCHAFT FÜR
 ANGEWANDTE FAHRZEUGEN-
 TWICKLUNG MBH [DE/DE]; Adlerberg
 1, 52066 Aachen (DE).

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

(72, 75) ROETH, Thilo [DE/DE]; Kullen-
 hofwinkel 40, 52074 Aachen (DE).
 VOMHOF, Reinhard [DE/DE]; Bran-
 derhofer Weg 110, 52066 Aachen (DE).

(81) JP US.

(84) EP (AT BE CH DE ES FR GB IT NL PT SE
 TR).

Published / Publiée : (c)

Declarations / Déclarations :

(r) for all designations / pour toutes les
 désignations

(s) for the following designations / pour les
 désignations suivantes : JP EP (AT BE CH DE
 ES FR GB IT NL PT SE TR)

(u) for / pour US only / seulement

(51)⁷ B62K 25/28

(11) WO 03/037701 (13) A1

(21) PCT/GB02/04869

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 0126264.1 1 Nov/nov 2001 GB
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BICYCLE REAR SUSPENSION
 • SUSPENSION ARRIERE POUR VELO

(71) ATB SALES LIMITED [GB/GB]; Whit-
 worth Road, St. Leonards on Sea, East Sussex
 TN37 7PZ (GB).
*(for all designated States except / pour tous
 les États désignés sauf US)*

(72, 75) WHYTE, Jon, Frank, Ross [GB/GB];
 Newhaven, Littleworth, Greet, Winchcombe,
 Gloucestershire GL54 5BT (GB).

(74) WALTHER WOLFF & CO.; 6 Bucking-
 ham Gate, London SW1E 6JP (GB).

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

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

(51)⁷ B63B 1/38

(11) WO 03/037702 (13) A1

(21) PCT/PL02/00078

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) P 350 498 2 Nov/nov 2001 PL
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SUPERHYDROPHOBIC COATING
 • REVETEMENT SUPER HYDROPHOBE

(71) CNT SPOLKA Z O.O. [PL/PL]; ul. Lea
 210B, PL-30-133 Krakow (PL).
*(for all designated States except / pour tous
 les États désignés sauf US)*

(72, 75) PASZKOWSKI, Mariusz [PL/PL]; ul. Lea 21A714, PL-30-052 Krakow (PL).

(74) KACPERSKI, Andrzej; P.O. Box 822, PL-30-960 Krakow 1 (PL).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 B63B 21/50, 22/02

(11) WO 03/037703 (13) A1

(21) PCT/NO02/00394

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 20015345 1 Nov/nov 2001 NO (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AN APPARATUS FOR SUPPLY OF COOLING WATER FROM THE SEA TO A PROCESS ABOARD A TURRET-ANCHORED VESSEL

• APPAREIL PERMETTANT DE FOURNIR DE L'EAU DE REFOUILLISSEMENT A PARTIR DE LA MER POUR UN PROCEDE SE DEROULANT A BORD D'UN VAISSEAU ANCRE A UNE TOURELLE

(71) STATOIL ASA [NO/NO]; N-4035 Stavanger (NO).

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

(72, 75) FJELL, Knut, Harry [NO/NO]; Leirmyrå 19, N-4362 Vigrestad (NO).

(74) TANDBERGS PATENTKONTOR AS; P.O. 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B63B 27/24

(11) WO 03/037704 (13) A1

(21) PCT/FR02/03748

(22) 30 Oct/oct 2002 (30.10.2002)

(25) fr (26) fr

(30) 01/14045 30 Oct/oct 2001 FR (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FLUID TRANSFER SYSTEM BETWEEN A TRANSPORT VESSEL AND A STORAGE STATION SUCH AS A STORAGE VESSEL

• SYSTEME DE TRANSFERT D'UN FLUIDE ENTRE UN NAVIRE DE TRANSPORT ET UN POSTE DE STOCKAGE TEL QU'UN NAVIRE DE STOCKAGE

(71) SOCIETE EUROPEENNE D'INGENIERIE MECANIQUE-EURODIM SA [FR/FR]; 21, Avenue Edouard Belin, F-92566 Rueil Malmaison Cedex (FR).

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

(72, 75) DUPONT, Bernard [FR/FR]; 176, Chaussée Jules César, F-95600 Eaubonne (FR). PAQUET, Stéphane [FR/FR]; 7, rue de Vouillet, F-75015 Paris (FR).

(74) BERGER, Helmut; Cabinet Weinstein, 56A, rue du Faubourg Saint-Honoré, F-75008 Paris (FR).

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

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

Published / Publiée : (c)

(51)⁷ B63B 35/00

(11) WO 03/037705 (13) A1

(21) PCT/US02/34052

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 10/016,724 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • END PORTION FOR A FLEXIBLE FLUID CONTAINMENT VESSEL AND A METHOD OF MAKING THE SAME

• STRUCTURE D'EXTREMITE DE RESERVOIR SOUPLE POUR FLUIDE ET PROCEDE DE FABRICATION

(71) ALBANY INTERNATIONAL CORP. [US/US]; 1373 Broadway, Albany, NY 12204 (US).

(72) DAVIS, Trent, W.; 171 Fruit Street, Mansfield, MA 02048 (US). TONEY, Mary, M.; 65 Laurie Lane, Wrentham, MA 02093 (US).

(74) SANTUCCI, Ronald, R.; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).

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

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

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B63B 35/28

(11) WO 03/037706 (13) A1

(21) PCT/US02/34004

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 10/020,485 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FABRIC STRUCTURE FOR A FLEXIBLE FLUID CONTAINMENT VESSEL

• STRUCTURE EN TISSU DESTINEE A UN RECIPIENT DE RETENUE DE FLUIDE

(71) ALBANY INTERNATIONAL CORP. [US/US]; 1373 Broadway, Albany, NY 12204 (US).

(72) DAVENPORT, Francis, L.; 29 North Hill Road, Ballston Lake, NY 12019 (US).

(74) SANTUCCI, Ronald, R.; Frommer Lawrence & Haug, LLP, 745 Fifth Avenue, New York, NY 10151 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 B63B 35/28

(11) WO 03/037707 (13) A1

(21) PCT/US02/34299

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 10/016,640 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SEGMENT FORMED FLEXIBLE FLUID CONTAINMENT VESSEL

• RECIPIENT DE RETENTION DE FLUIDE FLEXIBLE SOUS FORME DE SEGMENT

(71) ALBANY INTERNATIONAL CORP. [US/US]; 1373 Broadway, Albany, NY 12204 (US).

(72) EAGLES, Dana; 223 South Main, Sherborn, MA 01770 (US).

(74) SANTUCCI, Ronald, R.; Frommer Lawrence & Haug, LLP, 745 Fifth Avenue, New York, NY 10151 (US).

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

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 B63B 35/79

(11) WO 03/037708 (13) A1

(21) PCT/FR02/03753

(22) 31 Oct/oct 2002 (31.10.2002)

(25) fr (26) fr

(30) 01/14128 31 Oct/oct 2001 FR
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • RELEASABLE HOOK SYSTEM
• SYSTEME DE CROCHET LARGABLE

(71, 72) BALLU, Arnaud [FR/FR]; 2199, route
de Meylan, F-38330 Biviers (FR).

(81) JP US.

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

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B63C 1/02, 1/06, B63B 35/42

(11) WO 03/037709 (13) A1

(21) PCT/US02/18625

(22) 10 Jun/juin 2002 (10.06.2002)

(25) en (26) en

(30) 10/033,249 29 Oct/oct 2001 US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • CONTROL FOR VARIABLE BUOY-
ANCY FLOATING DOCK
• COMMANDE POUR DOCK FLOTTANT
A FLOTTABILITE VARIABLE

(71) OCEAN INNOVATIONS, INC. [US/US];
500 SW 21st Terrace, Suite B107, Fort Laud-
erdale, FL 33312 (US).

(72) FABER, David, T.; 9601 Corporate Circle,
Cleveland, OH 44125 (US).

(74) KINDER, Gordon, D.; Renner, Otto, Bois-
selle & Sklar, LLP, 1621 Euclid Avenue,
Nineteenth Floor, Cleveland, OH 44115
(US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 B63C 1/02

(11) WO 03/037710 (13) A1

(21) PCT/US02/23953

(22) 29 Jul/juil 2002 (29.07.2002)

(25) en (26) en

(30) 10/007,340 26 Oct/oct 2001 US
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • DRIVE-ON DRY DOCK
• PONTON DE MISE EN CALE SECHE

(71) OCEAN INNOVATIONS, INC. [US/US];
500 SW 21st Terrace, Suite A101-102, Fort
Lauderdale, FL 33312 (US).

(72) FABER, David, T.; 9601 Corporate Circle,
Cleveland, OH 44125-4261 (US).

(74) KINDER, Gordon, D.; Renner, Otto,
Boisselle & Sklar, LLP, 1621 Euclid Avenue,
Nineteenth Floor, Cleveland, OH 44115-2191
(US).

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

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

(51)⁷ B63C 9/00

(11) WO 03/037711 (13) A1

(21) PCT/NO02/00401

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 20015348 1 Nov/nov 2001 NO
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • A RESCUE SYSTEM
• SYSTEME DE SAUVETAGE

(71, 72) PETTERSEN, Hans, Einar [NO/NO];
Lyngseth, N-8542 Kjeldbotn (NO).

(74) OSLO PATENTKONTOR AS; P.O. Box
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 NO NZ OM PH PL
PT RO RU SD SE SG SI SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

Declarations / Déclarations :

(t) for all designations / pour toutes les
designations

(u) for / pour US only / seulement

(51)⁷ B63H 11/08

(11) WO 03/037712 (13) A1

(21) PCT/JP02/11006

(22) 23 Oct/oct 2002 (23.10.2002)

(25) ja (26) ja

(30) 2001-336212 1 Nov/nov 2001 JP
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • WATER JET PROPELLING DEVICE OF
BOAT

- DISPOSITIF DE PROPULSION PAR JET
D'EAU UTILISE DANS UN BATEAU

(71) ISHIGAKI COMPANY LIMITED
[JP/JP]; 1-1, Kyobashi 1-chome, Chuo-ku,
Tokyo 104-0031 (JP).

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les États désignés sauf US)

(72, 75) ISHIGAKI, Eiichi [JP/JP]; 5-9, Ko-
madome-cho 2-chome, Sakaide-shi, Kagawa
762-0032 (JP).

(74) MIYOSHI, Hidekazu; 9th Floor, Toranom-
on Daiichi Building, 2-3, Toranom-
on 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AU CA JP KR US.

(84) EP (DE DK FR GB).

(51)⁷ B63H 11/08

(11) WO 03/037713 (13) A1

(21) PCT/JP02/11286

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ja (26) ja

(30) 2001-336212 1 Nov/nov 2001 JP
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • WATER JET PROPELLING DEVICE OF
BOAT

- DISPOSITIF DE PROPULSION PAR JET
D'EAU D'UN BATEAU

(71) ISHIGAKI COMPANY LIMITED
[JP/JP]; 1-1, Kyobashi 1-chome, Chuo-ku,
Tokyo 104-0031 (JP).

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

(72, 75) ISHIGAKI, Eiichi [JP/JP]; 5-9, Ko-
madome-cho 2-chome, Sakaide-shi, Kagawa
762-0032 (JP).

(74) MIYOSHI, Hidekazu; Toranom-
on Daiichi Building, 9th Floor, 2-3, Toranom-
on 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AU CA JP KR US.

(84) EP (DE DK FR GB).

Published / Publiée : (a)

(51)⁷ B63H 16/04

(11) WO 03/037714 (13) A1

(21) PCT/AT02/00189

(22) 28 Jun/juin 2002 (28.06.2002)

(25) de (26) de

(30) GM 840/2001 31 Oct/oct 2001 AT
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DRAIN-OFF ARRANGEMENT FOR A SINGLE OR DOUBLE-BLADE PAD-DLE OR OAR

• SYSTEME D'EGOUTTAGE POUR PAGAIES OU RAMES SIMPLES OU DOUBLES

(71, 72) BULFON, Anton, Karl [AT/AT]; 10. Oktoberstrasse 16, A-9220 Velden (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B64D 33/08, 41/00, 33/10

(11) WO 03/037715 (13) A1

(21) PCT/CA02/01576

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) 10/020,363 29 Oct/oct 2001 US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PASSIVE COOLING SYSTEM FOR AUXILIARY POWER UNIT INSTALLATION

• SYSTEME DE REFROIDISSEMENT PASSIF DE L'INSTALLATION D'UN GROUPE AUXILIAIRE DE BORD

(71) PRATT & WHITNEY CANADA CORP. [CA/CA]; c/o Todd D. Bailey, Legal Services (01BE5), 1000 Marie Victorin, Longueuil, Québec J4G 1A1 (CA).

(72) DIONNE, Luc; 872 D'Isere, St. Lambert, Québec J4S 1Z1 (CA).

(74) BAILEY, Todd, D.; Pratt & Whitney Canada Corp., Legal Dept. (01BE5), 1000 Marie Victorin, Longueuil, Québec J4G 1A1 (CA).

(81) CA JP RU.

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

(51)⁷ B65B

(11) WO 03/037716 (13) A2

(21) PCT/US02/32260

(22) 9 Oct/oct 2002 (09.10.2002)

(25) en (26) en

(30) 09/999,091 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AUTOMATED PACK OUT

• EMBALLAGE AUTOMATISE

(71) JOHNSON & JOHNSON VISION CARE, INC. [US/US]; 7500 Centurian Parkway, Suite 100, Jacksonville, FL 32256 (US).

(72) DUNCAN, Gregory Scott; 4128 Shirley Drive, Jacksonville, FL 32210 (US). LEP-
PER, John M.; 1143 Preston Place, Jack-
sonville, FL 32207 (US). DUIS, Donnie J.;
2288 Brentfield Road West, Jacksonville, FL
32225 (US). BEATON, Stephen R.; 3445
Eunice Road, Jacksonville, FL 32250 (US).(74) JOHNSON, Philip S. et al. / etc.; JOHN-
SON & JOHNSON, One Johnson & Johnson
Plaza, New Brunswick, NJ 08933 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B65B 1/28, B65G 69/18

(11) WO 03/037717 (13) A1

(21) PCT/EP02/12010

(22) 28 Oct/oct 2002 (28.10.2002)

(25) de (26) de

(30) 201 17 669.6 29 Oct/oct 2001 DE
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SEALED DOCKING ARRANGEMENT IN PARTICULAR FOR BAGS AND A METHOD FOR THE FILLING AND EMPTYING OF CONTAINERS IN AN ENVIRONMENTALLY-SEALED MANNER

• DISPOSITIF D'ACCROCHAGE ETANCHE DESTINE NOTAMMENT A DES SACS ET PROCEDE DE REMPLISSAGE ET DE VIDAGE DE CONTENANTS ISOLEES DE L'ENVIRONNEMENT

(71) GEA BUCK VALVE GMBH [DE/DE]; Mauchener Strasse 14, 79379 Müllheim (DE).

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

(72, 75) KOCH, Martin [DE/DE]; Johanniterweg 1, 79395 Neuenburg (DE). HEATH, Gary [GB/GB]; 2, Carey, Kockley, Tamworth, Staffs B77 5FZ (GB).

(74) METTEN, Karl-Heinz et al. / etc.; Boehmert & Boehmert, Hollerallee 32, 28209 Bremen (DE).

(81) AU BR CA CN HR HU IN JP MX NO PL SG SI US.

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

Published / Publiée : (c)

(51)⁷ B65B 7/16, 15/04, H05K 13/04

(11) WO 03/037718 (13) A2

(21) PCT/US02/34602

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/335,560 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR FLATTENING COVER TAPE

• PROCEDE ET APPAREIL D'APLATISSEMENT D'UN RUBAN DE RECOUVREMENT

(71) ROBOTIC VISION SYSTEMS, INC. [US/US]; 5 Shawmut Road, Canton, MA 02021 (US).

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

(72, 75) BEHNKE, Merlin, E. [US/US]; 1961 Ulaio Court, Grafton, WI 53024 (US).

(74) JONES, Daniel, S.; Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B65B 9/04, H05K 13/02

(11) WO 03/037719 (13) A1

(21) PCT/US02/34743

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/335,505 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR TENSIONING COVER TAPE

• PROCEDE ET APPAREIL PERMETTANT LA MISE EN TENSION D'UNE BANDE DE PROTECTION

(71) ROBOTIC VISION SYSTEMS, INC. [US/US]; 5 Shawmut Road, Canton, MA 02021 (US).

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

(72, 75) BEHNKE, Merlin, E. [US/US]; 1961 Ulaio Court, Grafton, WI 53024 (US).

(74) JONES, Daniel, S.; Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

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

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

- DK EE ES FI FR GB GR IE IT LU 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 **B65B 9/04, 7/16, 7/28, 51/10, B29C 65/18, 65/48, B65B 15/04, H01L 21/00**
- (11) **WO 03/037720** (13) A2
- (21) PCT/US02/34744
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) en (26) en
- (30) 60/340,978 **30 Oct/oct 2001 US (30.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR SEALING COVER TAPE TO CARRIER TAPE
- PROCEDE ET APPAREIL PERMETTANT DE COLLER DE MANIERE ETANCHE UNE BANDE DE REVETEMENT SUR UNE BANDE SUPPORT
- (71) **ROBOTIC VISION SYSTEMS, INC.** [US/US]; 5 Shawmut Road, Canton, MA 02021 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BEHNKE, Merlin, E.** [US/US]; 1961 Ulao Court, Grafton, WI 53024 (US).
- (74) **JONES, Daniel, S.**; Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **B65B 11/00, 11/02, 11/04**
- (11) **WO 03/037721** (13) A1
- (21) PCT/US02/35073
- (22) **1 Nov/nov 2002 (01.11.2002)**
- (25) en (26) en
- (30) 60/330,858 **1 Nov/nov 2001 US (01.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR WRAPPING A LOAD
- PROCEDE ET APPAREIL POUR ENVELOPPER UNE CHARGE
- (71) **LANTECH MANAGEMENT CORP. AND LANTECH HOLDING CORP. d.b.a. LANTECH, INC.** [US/US]; 11000 Bluegrass Parkway, Louisville, KY 40299-2399 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LANCASTER, Patrick, R., III** [US/US]; Louisville, KY (US). **MARTIN, Curtis** [US/US]; Floyds Knobs, IN (US).
- (74) **GARRETT, Arthur, S.**; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, NW, Washington, DC 20005-3315 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **B65B 41/18**
- (11) **WO 03/037722** (13) A1
- (21) PCT/EP02/12209
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) en (26) en
- (30) TO2001A 001045 **2 Nov/nov 2001 IT (02.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SHEET MATERIAL FOR PRODUCING PACKAGES OF FOOD PRODUCTS, AND PACKAGES MADE OF SUCH MATERIAL
- MATERIAU EN FEUILLE POUR LA PRODUCTION D'EMBALLAGES DE PRODUITS ALIMENTAIRES, ET EMBALLAGES CONSTITUES DE CE MATERIAU
- (71) **TETRA LAVAL HOLDINGS & FINANCE SA** [CH/CH]; 70, avenue Général-Guisan, CH-1009 Pully (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCARABELLI, Paolo** [IT/IT]; Via Garzanti, 14, I-42100 Sesto (IT). **TACCONI, Lorenzo** [IT/IT]; Via Del Frassino, 1, I-41100 Modena (IT). **GALAVOTTI, Giorgio** [IT/IT]; Via Gramsci, 61/B, I-41033 Concordia Sulla Secchia (IT). **NORENSTAM, Rickard** [SE/SE]; Verkstadsvägen 4, S-244 91 Kavlinge (SE).
- (74) **JORIO, Paolo et al.** / etc.; Studio Torta S.r.l., Via Viotti, 9, I-10121 Torino (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **B65B 61/20**
- (11) **WO 03/037723** (13) A1
- (21) PCT/ES02/00502
- (22) **23 Oct/oct 2002 (23.10.2002)**
- (25) es (26) es
- (30) P 0102460 **29 Oct/oct 2001 ES (29.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MACHINE FOR THE AUTOMATIC DISPENSING OF PROTECTIVE, SEPARATION DIVIDERS FOR GROUPS OF BOTTLES WHICH IS INTENDED FOR BOTTLE PACKAGING LINES
- MACHINE DISTRIBUANT AUTOMATIQUEMENT DES DIVISIONS PROTECTRICES ET SEPARATRICES D'ENSEMBLES DE BOUTEILLES DESTINEES A DES CHAINES D'EMBALLAGE DE CES DERNIERES
- (71, 72) **SERRAS VILA, Pedro** [ES/ES]; calle Provença 112 Bis, 5-3 Esc. A, E-08029 Barcelona (ES).
- (74) **CANELA GIMÉNEZ, 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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **B65D**
- (11) **WO 03/037724** (13) A2
- (21) PCT/US02/34343
- (22) **25 Oct/oct 2002 (25.10.2002)**
- (25) en (26) en
- (30) 10/032,654 **29 Oct/oct 2001 US (29.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IMPLOSION RESISTANT CONTAINERS
- EMBALLAGE RESISTANT A L'IMPLOSION
- (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) **BEZEK, Edward, Anthony** [US/US]; 2266 Cristal Falls Drive, Frisco, TX 75034 (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

(51)⁷ B65D 1/00, 35/22, 77/06

(11) WO 03/037725 (13) A1

(21) PCT/JP02/11277

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ja (26) ja

(30) 2001-335630 31 Oct/oct 2001 JP (31.10.2001)

(30) 2001-335633 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BLOW-MOLDED CONTAINER

• RECIPIENT MOULE PAR SOUFFLAGE

(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) YONEYAMA, Masashi [JP/JP]; c/o Yoshino Kogyosho Co., Ltd., Matsudo Plant, 310, Minoridai, Matsudo-shi, Chiba 270-2297 (JP). NAKAMURA, Hiroyuki [JP/JP]; c/o Yoshino Kogyosho Co., Ltd., 2-6 Ojima 3-chome, koto-ku, Tokyo 136-8531 (JP). SEGUCHI, Masato [JP/JP]; c/o Yoshino Plastics Co., Ltd, Fukuoka Plant, 480, oaza-Kishii, Buzen-shi, Fukuoka 828-0043 (JP). GOTO, Takayuki [JP/JP]; c/o Yoshino Kogyosho Co., Ltd., 2-6, Ojima 3-chome, Koto-ku, Tokyo 136-8531 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 B65D 1/00, 35/22, 77/06

(11) WO 03/037726 (13) A1

(21) PCT/JP02/11356

(22) 31 Oct/oct 2002 (31.10.2002)

(25) ja (26) ja

(30) 2001-335631 31 Oct/oct 2001 JP (31.10.2001)

(30) 2001-335632 31 Oct/oct 2001 JP (31.10.2001)

(30) 2002-223859 31 Jul/juil 2002 JP (31.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BLOW-MOLDED CONTAINER

• CONTENANT MOULE PAR SOUFFLAGE

(71) YOSHINO KOGYOSHO CO., LTD [JP/JP]; 2-6, Ojima 3-chome, Koto-ku, Tokyo 136-8531 (JP).

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(72, 75) YONEYAMA, Masashi [JP/JP]; c/o Yoshino Kogyosho Co., Ltd., Matsudo Plant, 310, Minoridai, Matsudo-shi, Chiba 270-2297 (JP). NAKAMURA, Hiroyuki [JP/JP]; c/o Yoshino Kogyosho Co., Ltd., 2-6, Ojima 3-chome, koto-ku, Tokyo 136-8531 (JP). SEGUCHI, Masato [JP/JP]; c/o Yoshino Plastics Co., Ltd, Fukuoka Plant, 480, oaza-Kishii, Buzen-shi, Fukuoka 828-0043 (JP). GOTO, Takayuki [JP/JP]; c/o Yoshino Kogyosho Co., Ltd., 2-6, Ojima 3-chome, Koto-ku, Tokyo 136-8531 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 B65D 1/24, 25/10, 25/04, 43/16

(11) WO 03/037727 (13) A1

(21) PCT/IB01/01904

(22) 2 Nov/nov 2001 (02.11.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • RECLOSABLE PACKAGE

• EMBALLAGE REFERMABLE

(71) WARNER-LAMBERT COMPANY LLC [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).

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

(72, 75) LOTH, Jeffrey, Allen [US/US]; Warner-Lambert Consumer Group, 201 Tabor Road, Morris Plains, NJ 07950 (US).

(74) LUMB, J., Trevor et al. / etc.; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).

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

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

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

(51)⁷ B65D 1/32, 1/04, 81/32, 23/10

(11) WO 03/037728 (13) A1

(21) PCT/EP02/09992

(22) 6 Sep/sep 2002 (06.09.2002)

(25) de (26) de

(30) 2001 1982/01 29 Oct/oct 2001 CH (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PLASTIC BOTTLE

• BOUTEILLE EN PLASTIQUE

(71) ALPLA-WERKE ALWIN LEHNER GMBH & CO. KG [AT/AT]; Allmendstrasse 81, A-6971 Hard (AT).

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

(72, 75) KÜNZL, Johann [AT/AT]; Rauhholzstrasse 10A, A-6971 Hard (AT).

(74) SCHREIBER, Wolfgang, F. et al. / etc.; Riederer Hasler & Partner Patentanwälte AG, Elestastrasse 8, CH-7310 Bad Ragaz (CH).

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

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

(51)⁷ B65D 5/42, B31B 1/25

(11) WO 03/037729 (13) A1

(21) PCT/EP02/12207

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) T001A001043 2 Nov/nov 2001 IT (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PACKAGING SHEET MATERIAL FOR PACKAGING POURABLE FOOD PRODUCTS

• MATERIAU D'EMPAQUETAGE EN FEUILLE PERMETTANT D'EMPAQUETAGE DE PRODUITS ALIMEN- TAIRES A VERSER

(71) TETRA LAVAL HOLDINGS & FINANCE SA [CH/CH]; Av. Général-Guisan 70, CH-1009 Pully (CH).

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

(72, 75) GUIDOTTI, Lorenzo [IT/IT]; Via Pel- loni, 83, I-41100 Modena (IT). MELISSA, Alvaro [IT/IT]; Via 25 Aprile, 17, I-42013 Casalgrande (IT). MESSORI, Egidio [IT/IT]; Via Anna Franck, 2, IT-42048 Rubiera (IT). LOUMAN, Theodor [SE/SE]; Kookgatan 63, S-243 34 Hoor (SE). NOREN- STAM, Richard [SE/SE]; Verkstadsvägen 4, S-244 91 Kavlinge (SE).

(74) **JORIO, Paolo** et al. / etc.; Studio Torta, S.r.l., Via Viotti, 9, 10121 Torino (IT).

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

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

Published / Publiée : (c)

(51)⁷ B65D 5/42, B31B 1/25

(11) WO 03/037730 (13) A1

(21) PCT/EP02/12208

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) TO2001A001044 2 Nov/nov 2001 IT (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • WEB PACKAGING MATERIAL FOR PACKAGING FOOD PRODUCTS

• MATERIAU D'EMBALLAGE EN BANDE DESTINE A EMBALLER DES PRODUITS ALIMENTAIRES

(71) **TETRA LAVAL HOLDINGS & FINANCE SA** [CH/CH]; 70, avenue Général Guisan, CH-1009 Pully (CH).

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

(72, 75) **GUIDOTTI, Lorenzo** [IT/IT]; Via Peloni, 83, I-41100 Modena (IT).

(74) **JORIO, Paolo** et al. / etc.; Studio Torta S.r.l., Via Viotti, 9, I-10121 Torino (IT).

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

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

Published / Publiée : (c)

(51)⁷ B65D 5/74

(11) WO 03/037731 (13) A1

(21) PCT/GB02/04749

(22) 21 Oct/oct 2002 (21.10.2002)

(25) en (26) en

(30) 0125900.1 29 Oct/oct 2001 GB (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • POURING SPOUT WITH AUTOMATIC OPENING FEATURE

• GOULOT VERSEUR AVEC CARACTERISTIQUE D'OUVERTURE AUTOMATIQUE

(71) **COPE ALLMAN PLASTIC PACKAGING LIMITED** [GB/GB]; Walton Road, Farlington, Portsmouth PO6 1TS (GB).

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

(72, 75) **MOULTON, Alan** [GB/GB]; "The Manse", Brook Avenue, Bosham, West Sussex PO18 8LQ (GB).

(74) **BARKER BRETTELL**; Medina Chambers, Town Quay, Southampton SO14 2AQ (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B65D 19/26, B29C 43/00

(11) WO 03/037732 (13) A1

(21) PCT/US02/12724

(22) 22 Apr/avr 2002 (22.04.2002)

(25) en (26) en

(30) 10/014,827 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MOLDING MATERIAL AND PRODUCTS MADE FROM RECYCLED SCRAP TIRES

• MATERIAU DE MOULAGE ET PRODUITS OBTENUS A PARTIR DE PNEUS USAGES RECYCLES

(71, 72) **RADKE, Dan, R., Jr.** [US/US]; 2416 Crystal River Court, Las Vegas, NV 89128 (US).

(74) **FOX, Steven, N.**; P.O. Box 251, Canton, MA 02021 (US).

(81) AU CA CN IL JP MX RU.

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

(51)⁷ B65D 19/38

(11) WO 03/037733 (13) A1

(21) PCT/US02/34821

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/016,081 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • REINFORCED COMPOSITE PALLET ASSEMBLY

• ENSEMBLE PALETTE EN COMPOSITE RENFORCE

(71) **PATENT HOLDING COMPANY** [US/US]; 33662 James J. Pompo, Fraser, MI 48026 (US).

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

(72, 75) **PREISLER, Darius, J.** [US/US]; 52497 Powder Horn, Macomb, MI 48084 (US). **PEASH, David, A.** [US/US]; 491 Martell Drive, Bloomfield Hills, MI 48304 (US).

(74) **SYROWIK, David, R.** et al. / etc.; Brooks & Kushman, 1000 Town Center, Twenty-Second Floor, Southfield, MI 48075 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B65D 27/00, 27/16, 27/28

(11) WO 03/037734 (13) A1

(21) PCT/CZ02/00061

(22) 4 Nov/nov 2002 (04.11.2002)

(25) en (26) en

(30) PUV2001-12493 2 Nov/nov 2001 CZ (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PACKAGE, ESPECIALLY FOR SMALL FLAT ITEMS

• EMBALLAGE, NOTAMMENT POUR ARTICLES PLATS DE PETITE DIMENSION

(71, 72) **PEROUTKA, Martin** [CZ/CZ]; Švermova 389/10, 273 43 Buštěhrad (CZ). **PEROUTKA, Jan** [CZ/CZ]; Amfórová 1895, 155 00 Praha 5 (CZ).

(74) **KRATOCHVÍL, Václav**; Sachta, Zmeskal & part., Radlická 28/663, 150 00 Praha 5 - Smíchov (CZ).

(81) AE (Utility model / modèle d'utilité) AG AL (Utility model / modèle d'utilité) AM (Utility model / modèle d'utilité) AT (Utility model / modèle d'utilité) AU AZ (Utility model / modèle d'utilité) BA BB BG (Utility model / modèle d'utilité) BR (Utility model / modèle d'utilité) BY (Utility model / modèle d'utilité) BZ (Utility model / modèle d'utilité) CA CH CN (Utility model / modèle d'utilité) CO (Utility model / modèle d'utilité) CR (Utility model / modèle d'utilité) CU CZ (Utility model / modèle d'utilité) DE (Utility model / modèle d'utilité) DK (Utility model / modèle d'utilité) DM DZ EC (Utility model / modèle d'utilité) EE (Utility model / modèle d'utilité) ES (Utility model / modèle d'utilité) FI (Utility model / modèle d'utilité) GB GD GE (Utility model / modèle d'utilité) GH GM HR HU (Utility model / modèle d'utilité) ID IL IN IS JP (Utility model / modèle d'utilité) KE (Utility model / modèle d'utilité) KG (Utility model / modèle d'utilité) KP KR (Utility model / modèle d'utilité) KZ (Utility model / modèle d'utilité) LC LK LR LS (Utility model / modèle d'utilité) LT LU LV MA MD (Utility model / modèle d'utilité) MG MK MN MW MX (Utility model / modèle d'utilité) MZ (Utility model / modèle d'utilité) 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) SD SE SG SI 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 (Utility model / modèle d'utilité) YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 B65D 33/16, 63/10

(11) WO 03/037735 (13) A2

(21) PCT/EP02/11511

(22) 15 Oct/oct 2002 (15.10.2002)

(25) de (26) de

(30) 201 17 733.1 30 Oct/oct 2001 DE (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CLOSURE ELEMENT BAND

• BANDE D'ELEMENTS DE FERMETURE

(71) FRANS VERMEE GMBH [DE/DE]; Dieselstr. 8, 53424 Remagen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VERMEE, Frans [DE/DE]; Waldburgstr. 46, 53424 Remagen (DE). LARIN, Leonid [RU/RU]; St. Angarskaya, home 17, flat 217, Moskau, 127635 (RU).

(74) VON KIRSCHBAUM, Alexander 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B65D 41/22, 43/02

(11) WO 03/037736 (13) A1

(21) PCT/US02/34259

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 60/345,987 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CONTAINER COVERING SYSTEM

• DISPOSITIF SERVANT A RECOUVRIR UN RESERVOIR

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) TOUSSANT, John, William; 8169 Shadybrook Drive, West Chester, OH 45069 (US). TOUSSANT, Elizabeth, White; 8169 Shadybrook Drive, West Chester, OH 45069 (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 SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B65D 41/34

(11) WO 03/037737 (13) A1

(21) PCT/IB01/02017

(22) 29 Oct/oct 2001 (29.10.2001)

(25) de (26) de

(43) 8 May/mai 2003 (08.05.2003)

(54) • CONTAINER WITH A SECURITY CLOSURE

• RECIPIENT A FERMETURE DE SECURITE

(71) HOFFMANN NEOPAC AG [CH/CH]; Eisenbahnstrasse 71, CH-3602 Thun (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUCHS, Peter [CH/CH]; Schlehdornweg 25, CH-3613 Steffisburg (CH).

(74) E. BLUM & CO.; Vorderberg 11, CH-8044 Zürich (CH).

(81) CA US.

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

(51)⁷ B65D 45/32

(11) WO 03/037738 (13) A1

(21) PCT/IB02/04552

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) BO2001A000665 31 Oct/oct 2001 IT (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A CLOSING ELEMENT FOR CONTAINERS

• ELEMENT DE FERMETURE POUR CONTENEURS

(71) PELLICONI ABRUZZO S.R.L. [IT/IT]; Contrada Saletti, Zona Industriale Atessa, Zona B, I-66041 Atessa (IT).

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

(72, 75) FOLCHINI, Enrico [IT/IT]; Via P.P. Pasolini, 3, I-45030 S. Maria Maddalena (IT). WHITE, Steven [GB/GB]; 6 Earning Street, Godmanchester, Cambridgeshire PE18 8JD (GB).

(74) LANZONI, Luciano; Bugnion S.p.A., Via Goito, 18, I-40126 Bologna (IT).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B65D 51/28, 81/32

(11) WO 03/037739 (13) A1

(21) PCT/AU02/01452

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) PR 8480 29 Oct/oct 2001 AU (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CONTAINER/BOTTLE CAP WITH A STORAGE COMPARTMENT

• CAPSULE DE CONTENANT/BOU-TEILLE A COMPARTIMENT DE STOCKAGE

(71, 72) DIXON, Barry, James [AU/AU]; P.O. Box 716, Southport, QLD 4215 (AU).

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

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

(51)⁷ B65D 65/46, 75/50, C11D 17/04

(11) WO 03/037740 (13) A1

(21) PCT/EP02/12015

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 0126407.6 2 Nov/nov 2001 GB (02.11.2001)

(30) 0127665.8 19 Nov/nov 2001 GB (19.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • WATER SOLUBLE CAPSULES
• CAPSULES SOLUBLES DANS L'EAU
- (71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AE AG AU BB BZ CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ OM SD SG SL SZ TT TZ UG VC ZA ZM ZW)
- (71) UNILEVER NV [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NL NO PH PL PT RO RU SE SI SK SN TD TG TJ TM TN TR UA UZ VN YU)
- (71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, 400 020 Mumbai (IN).
(only for / seulement pour IN)
- (72, 75) BRUGGEMAN, Marcel, Cornelis [NL/NL]; Unilever R & D Vlaardingen, Product Appraisal & Consumer Research Dept, P.O. Box 114, NL-3130 AC Vlaardingen (NL). HAFKAMP, Rudolfus, Johannes, Hendrikus [NL/NL]; Unilever R & D Vlaardingen, Powders Processing Dept, P.O. Box 144, NL-3130 AC Vlaardingen (NL). NAYLOR, Paul [GB/NL]; Unilever R & D Vlaardingen, Packaging LFEDC Dept, P.O. Box 144, NL-3130 AC Vlaardingen (NL).
- (74) ELLIOTT, Peter, William et al. / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ B65D 65/46, 75/50, C11D 17/04
(11) WO 03/037741 (13) A1
(21) PCT/EP02/12016
(22) 25 Oct/oct 2002 (25.10.2002)
(25) en (26) en
(30) 0126407.6 2 Nov/nov 2001 GB (02.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • WATER SOLUBLE CAPSULES
• CAPSULES SOLUBLES DANS L'EAU
- (71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AE AG AU BB BZ CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ OM SD SG SL SZ TT TZ UG VC ZA ZM ZW)
- (71) UNILEVER NV [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NL NO PH PL PT RO RU SE SI SK SN TD TG TJ TM TN TR UA UZ VN YU)
- (71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, 400 020 Mumbai (IN).
(only for / seulement pour IN)
- (72, 75) BRUGGEMAN, Marcel, Cornelis [NL/NL]; Unilever R & D Vlaardingen, Product Appraisal & Consumer Research Dept, P.O. Box 114, NL-3130 AC Vlaardingen (NL). HAFKAMP, Rudolfus, Johannes, Hendrikus [NL/NL]; Unilever R & D Vlaardingen, Powders Processing Dept, P.O. Box 144, NL-3130 AC Vlaardingen (NL). NAYLOR, Paul [GB/NL]; Unilever R & D Vlaardingen, Packaging LFEDC Dept, P.O. Box 144, NL-3130 AC Vlaardingen (NL).
- (74) ELLIOTT, Peter, William et al. / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ B65D 71/00
(11) WO 03/037742 (13) A2
(21) PCT/US02/34359
(22) 25 Oct/oct 2002 (25.10.2002)
(25) en (26) en
(30) 60/347,968 27 Oct/oct 2001 US (27.10.2001)
(30) 60/332,455 17 Nov/nov 2001 US (17.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • CARTON HAVING A STRAP HANDLE
• CARTON POSSEDANT UNE POIGNEE
- (71) THE MEAD CORPORATION [US/US]; LEGAL DEPT., Courthouse Plaza, NE, Dayton, OH 45463 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOLLEY, John, M, Jr [US/US]; 950 Brentwood Avenue, Lawrenceville, GA 30244 (US).
- (74) SUZUKI, Tsugihiko et al. / etc.; The Mead Corporation, 4850D North Church Lane, Smyrna, GA 30080 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B65D 73/02, 85/50, 33/25, 65/40
(11) WO 03/037743 (13) A1
(21) PCT/JP02/11288
(22) 30 Oct/oct 2002 (30.10.2002)
(25) ja (26) ja
(30) 2001-336865 1 Nov/nov 2001 JP (01.11.2001)
(30) 2001-336866 1 Nov/nov 2001 JP (01.11.2001)
(30) 2002-15764 24 Jan/jan 2002 JP (24.01.2002)
(30) 2002-142943 17 May/mai 2002 JP (17.05.2002)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • ATMOSPHERE IMPROVING TAPE FOR PACKAGE, PACKAGE WITH ATMOSPHERE IMPROVING TAPE AND METHOD OF MANUFACTURING THE PACKAGE, PACKAGE CONTAINER WITH ATMOSPHERE IMPROVING TAPE, ENGAGING DEVICE, AND PACKAGE WITH ENGAGING DEVICE
• RUBAN D'EMBALLAGE AMELIORANT L'ATMOSPHERE, EMBALLAGE DOTE D'UN RUBAN AMELIORANT L'ATMOSPHERE ET PROCEDE DE PRODUCTION DE L'EMBALLAGE, CONTENANT D'EMBALLAGE DOTE D'UN RUBAN AMELIORANT L'ATMOSPHERE, DISPOSITIF DE DECLENCHEMENT ET EMBALLAGE DOTE DE CE DISPOSITIF D'ENCLENCHEMENT
- (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) YASUIKE, Tetsurou [JP/JP]; 2-1, Koishikawa 1-chome, Bunkyo-ku, Tokyo 112-0002 (JP). DOI, Masato [JP/JP]; 1660, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP).
- (74) KINOSHITA, Jitsuzo et al. / etc.; 3rd floor, Ogikubo TM building, 26-13, Ogikubo

- 5-chome, Suginami-ku, Tokyo 167-0051 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ **B65D 75/00, 73/00, B65B 5/10, 61/20**
- (11) **WO 03/037744** (13) A1
- (21) PCT/US02/13861
- (22) **3 May/mai 2002 (03.05.2002)**
- (25) en (26) en
- (30) 10/003,336 **31 Oct/oct 2001 US (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **PACKAGE HAVING RELEASEABLY SECURED CONSUMABLE PRODUCTS**
• **EMBALLAGE COMPRENANT DES PRODUITS CONSOMMABLES FIXES DE MANIERE LIBERABLE**
- (71) **Wm. WRIGLEY JR. COMPANY** [US/US]; 410 North Michigan Avenue, Chicago, IL 60611 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOPECKY, Stanley, J.** [US/US]; 200 East Lonsdale Road, Prospect Heights, IL 60070 (US).
- (74) **NIMZ, Jack;** Wm. Wringley Jr. Company, 410 North Michigan Avenue, Chicago, IL 60611 (US).
- (81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **B65D 75/00, 77/00, G09F 3/04, B65D 25/36**
- (11) **WO 03/037745** (13) A1
- (21) PCT/US02/34367
- (22) **25 Oct/oct 2002 (25.10.2002)**
- (25) en (26) en
- (30) 0125919.1 **29 Oct/oct 2001 GB (29.10.2001)**
- (30) 0126038.9 **30 Oct/oct 2001 GB (30.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **PACKAGING PROCESS AND PACKAGED PRODUCT**
• **PROCEDE D'EMBALLAGE ET PRODUIT EMBALLE**
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **BENS, Catharina, Maria, Rachel, G.;** Steenweg op Merchtem 80, B-1745 Opwijk (BE). **MENIF, Rached;** 22 rue d'Arnelle, B-1325 Longueville (BE). **ROGERS, Neil;** John; Lenteblokkjeslaan 1, B-1020 Bruxelles (BE).
- (74) **REED, T., David et al. / etc.;** The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65D 83/08, A47K 10/42**
- (11) **WO 03/037746** (13) A2
- (21) PCT/EP02/11606
- (22) **17 Oct/oct 2002 (17.10.2002)**
- (25) de (26) de
- (30) 101 53 426.4 **30 Oct/oct 2001 DE (30.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **PACKAGING CONTAINER FOR MOIST CLOTHS OR MOIST COSMETIC PADS**
• **BOITE POUR LINGETTES HUMIDES OU DISQUES DEMAQUILLANTS HUMIDES**
- (71) **PAUL HARTMANN AG** [DE/DE]; Paul-Hartmann-Strasse 12, 89522 Heidenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MANGOLD, Rainer** [DE/DE]; Hesseweg 11, 89542 Herbrechtingen (DE). **JAUB, Angela** [DE/DE]; Bollers Strasse 7/1, 73119 Zell u.A (DE).
- (74) **FRIZ, Oliver;** Patentanwälte Dreiss, Fuhlen-dorf, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65D 83/16**
- (11) **WO 03/037748** (13) A1
- (21) PCT/US02/34604
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) en (26) en
- (30) 10/002,664 **31 Oct/oct 2001 US (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **AUTOMATIC INTERMITTENT AEROSOL DISPENSING VALVE**
• **SOUPAPE DE DISTRIBUTION AUTOMATIQUE INTERMITTENTE D'AEROSOL**
- (71) **S. C. JOHNSON & SON, INC.** [US/US]; 1525 Howe Street, Racine, WI 53403 (US).
- (72) **PETTERSON, Tor, H.;** 96 Yacht Harbor Drive, Rancho Palos Verdes, CA 90275 (US). **JAWORSKI, Thomas;** 825 Appaloosa Trail, Racine, WI 53402 (US). **HOUSER, David, J.;** 3050 Michigan Blvd., Racine, WI 53402 (US). **KNICKERBOCKER, Michael, G.;** 1596 N. Falcon Drive, St. George, UT 84770 (US).
- (74) **HOUSER, David, J.;** S. C. Johnson & Son, Inc., 1525 Howe Street, Racine, WI 53403 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65D 83/14, B41M 5/20, 3/14**
- (11) **WO 03/037747** (13) A1
- (21) PCT/FR02/03745
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) fr (26) fr
- (30) 01/14200 **31 Oct/oct 2001 FR (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **FLUID PRODUCT DISPENSER COMPRISING A SUBSTANCE DETECTABLE BY IRRADIATION**
• **DISTRIBUTEUR DE PRODUIT FLUIDE COMPRENANT UNE SUBSTANCE DETECTABLE PAR IRRADIATION**
- (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). **LEVILLAIN, Philippe;** 20, place du Vieux Château, F-27110 Le Neubourg (FR). **LIGNY, Jean-Jacques;** 2, rue de la Cavée Boudin, F-27000 Evreux (FR).
- (74) **CAPRI SARL;** 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 IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)

(51)⁷ B65D 83/16

(11) WO 03/037749 (13) A1

(21) PCT/US02/34757

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/002,664 31 Oct/oct 2001 US
(31.10.2001)(30) 10/002,657 31 Oct/oct 2001 US
(31.10.2001)(30) 10/010,319 13 Nov/nov 2001 US
(13.11.2001)(30) 10/056,349 24 Jan/jan 2002 US
(24.01.2002)(30) 10/056,873 24 Jan/jan 2002 US
(24.01.2002)(30) 10/236,364 6 Sep/sep 2002 US
(06.09.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TOTAL RELEASE DISPENSING VALVE

• VALVE DE DISTRIBUTION A LIBERATION TOTALE

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

(72) JAWORSKI, Thomas; 825 Appaloosa Trail, Racine, WI 53402 (US). WESTPHAL, Nathan, R.; 1010 Appaloosa Trail, Racine, WI 53402 (US). SHANKLIN, Donald, J.; 927 Cleveland Way, Corona, CA 92881 (US). HOUSER, David, J.; 3050 Michigan Blvd., Racine, WI 53402 (US). PETERSON, Tor, H. (deceased / décédé).

(74) HOUSER, David, J.; S. C. Johnson & Son, Inc., 1525 Howe Street, Racine, WI 53403 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B65D 83/16

(11) WO 03/037750 (13) A1

(21) PCT/US02/34758

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/002,657 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INTERMITTENT AEROSOL DISPENSING VALVE

• VALVE DE DISTRIBUTION INTERMITTENTE D'AEROSOL

(71) S. C. JOHNSON & SON, INC. [US/US]; 1525 Howe Street, Racine, WI 53403 (US).

(72) PETERSON, Tor, H. (deceased / décédé). KNICKERBOCKER, Michael,

G.; 1596 N. Falcon Drive, St. George, UT 84770 (US). HOUSER, David, J.; 3050 Michigan Blvd., Racine, WI 53402 (US).

(74) HOUSER, David, J.; S. C. Johnson & Son, Inc., 1525 Howe Street, Racine, WI 53403 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 85/50

(11) WO 03/037751 (13) A1

(21) PCT/IL02/00857

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 146218 29 Oct/oct 2001 IL
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PACKAGING FOR SHIPPING FLOWERS

• EMBALLAGE DESTINE A L'EXPEDITION DE FLEURS

(71) FLOWERS DIRECT LTD. [IL/IL]; Pack House Aviv, 38100 Industrial Estate Emek Hefer (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOWARSKY, John [IL/IL]; Be-Ya'ar 51, 45905 Moshav Ganey-Am (IL).

(74) FREIMANN, Daniel; P.O. Box 29814, 61297 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B65D 88/12

(11) WO 03/037752 (13) A2

(21) PCT/DK02/00732

(22) 1 Nov/nov 2002 (01.11.2002)

(25) da (26) en

(30) PA 2001 01622 1 Nov/nov 2001 DK
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CONTAINER BASED DISTRIBUTION SYSTEM

• SYSTEME DE DISTRIBUTION CONTENEURISE

(71, 72) DAHL, Hans [DK/DK]; Drosselvej 1, Balling, DK-7680 Spotttrup (DK). JEPPESEN, Erik, Skytte [DK/DK]; Vadumvej 20, DK-7860 Spotttrup (DK).

(74) PATRADE A/S; Fredens Torv 3A, DK-8000 Aarhus C (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (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 IE IT LU 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 B65D 88/28, 88/72, 88/66

(11) WO 03/037753 (13) A1

(21) PCT/GB02/04859

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 0126248.4 1 Nov/nov 2001 GB
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • IMPROVEMENTS IN AND RELATING TO DISCHARGERS FOR POWDERS

• AMELIORATIONS APORTEES OU SE RAPPORTANT A DES DECHARGEURS DE POWDRES

(71, 72) DICK, David, Stuart [GB/GB]; Powder Engineering Systems, Carrington Business Park, Manchester M31 4YR (GB).

(74) NEILL, Alastair, William et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax, West Yorkshire HX1 2HY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B65G

(11) WO 03/037754 (13) A2

(21) PCT/US02/34461

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 10/000,706 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A METHOD AND AN APPARATUS FOR SELECTIVELY DISPENSING A MATERIAL

• PROCEDE ET APPAREIL POUR DISTRIBUER UNE MATIERE DE FAÇON SELECTIVE

(71, 72) GAISKI, Stephen [US/US]; 18140 Wildflower, Northville, MI 48167 (US).

(74) CHUPA, John, G.; Suite 205, 31313 Northwestern Highway, Farmington Hills, MI 48334 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B65G

(11) WO 03/037755 (13) A2

(21) PCT/US02/35057

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 09/999,534 31 Oct/oct 2001 US (31.10.2001)

(30) 10/198,630 17 Jul/juil 2002 US (17.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PROTECTIVE COVERING FOR CONTROLLING CONTAMINANTS ASSOCIATED WITH MATERIAL HANDLING EQUIPMENT

• ELEMENT DE RECOUVREMENT PROTECTEUR PERMETTANT DE LUTTE CONTRE LES CONTAMINANTS ASSOCIES A UN EQUIPEMENT DE TRAITEMENT DE MATIERES

(71, 72) ROSENKRANZ, Alan [US/US]; 1100 Surf Drive, Riviera Beach, FL 33404 (US).

(74) LAVORRNA, Gregory, J.; Drinker Biddle & Reath LLP, One Logan Square, 18th and Cherry Streets, Philadelphia, PA 19103-6996 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65G 9/16, B65D 88/62

(11) WO 03/037756 (13) A1

(21) PCT/EP02/12011

(22) 28 Oct/oct 2002 (28.10.2002)

(25) de (26) de

(30) 201 17 787.0 31 Oct/oct 2001 DE (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MULTI-WALLED FLEXIBLE RECEPTACLE AND CONTAINER WITH ADJUSTABLE BULK GOODS FALLING SPEED

• CONTENANT FLEXIBLE A PLUSIEURS PAROIS ET CONTENEUR AVEC VITESSE DE CHUTE REGLABLE D'UN PRODUIT EN VRAC

(71) GEA BUCK VALVE GMBH [DE/DE]; Mauchener Strasse 14, 79379 Müllheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOCH, Martin [DE/DE]; Johanniterweg 1, 79395 Neuenburg (DE). HEATH, Gary [GB/GB]; 2, Carey, Kockley, Tamworth, Staffs B77 5FZ (GB). MÖLLER, Klaus [GB/GB]; Pear Tree Cottage, Main Road, Crawley, Winchester, Hampshire SO21 2OU (GB).

(74) METTEN, Karl-Heinz et al. / etc.; Boehmert & Boehmert, Hollerallee 32, 28209 Bremen (DE).

(81) AU BR CA CN HR HU IN JP MX NO PL SG SI US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ B65G 17/34, 17/18, 17/14, B66B 9/10, 21/08, E04H 6/14

(11) WO 03/037757 (13) A1

(21) PCT/AU02/01431

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) PR 8543 29 Oct/oct 2001 AU (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CONVEYING APPARATUS

• DISPOSITIF DE TRANSPORT

(71) MARTIN GESSNER PTY LTD [AU/AU]; Daoron, Mullalee, New South Wales 2379 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARTIN, Kevin, Joseph [AU/AU]; Daoron, Mullalee, New South Wales 2379 (AU).

(74) SMEETON, Anthony, Richard; Davies Collision Cave, Level 10, 10 Barrack Street, Sydney, New South Wales 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B65G 33/02

(11) WO 03/037758 (13) A1

(21) PCT/EP02/11912

(22) 24 Oct/oct 2002 (24.10.2002)

(25) de (26) de

(30) 101 52 926.0 26 Oct/oct 2001 DE (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SCREW CONVEYOR FOR THE TRANSPORT OF GOODS HANGING FROM HANGER SUPPORTS

• TRANSPORTEUR HELICOIDAL POUR ACHEMINER DES ARTICLES SUSPENDUS A DES SUPPORTS DE SUSPENSION

(71) WF LOGISTIK GMBH [DE/DE]; Justus-von-Liebig-Strasse 12, 86899 Landsberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEYER, Rolf [DE/DE]; Münchnerstrasse 16, 86807 Buchloe (DE).

(74) WEICKMANN & WEICKMANN et al. / etc.; Postfach 860 820, 81635 München (DE).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ B65G 43/02, G01N 27/00

(11) WO 03/037759 (13) A1

(21) PCT/AU02/01477

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) PR 8664 2 Nov/nov 2001 AU (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND SYSTEM FOR CONVEYOR BELT MONITORING

• PROCEDE ET SYSTEME DE SURVEILLANCE DE BANDE TRANSPORTEUSE

(71) DATABELT PTY LTD [AU/AU]; 1 Innovation Drive, Glenorchy, Tasmania 7010 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PAULY, Timothy, Joseph [AU/AU]; 95 Arthurs Street, West Hobart, Tasmania 7000 (AU). MACKINLAY, Robert, Neil

[GB/AU]; 546 Brookton Highway, Roleystone, Western Australia 6116 (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B65G 47/84

(11) WO 03/037760 (13) A1

(21) PCT/EP02/11536

(22) 16 Oct/oct 2002 (16.10.2002)

(25) de (26) de

(30) 101 53 069.2 30 Oct/oct 2001 DE (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE FOR SEPARATING DRINKS BOTTLES WITH NECK COLLARS

• DISPOSITIF DE SEPARATION DE BOUTEILLES DE BOISSON PRESENTANT UNE COLLERETTE

(71) ALFILL ENGINEERING GMBH & CO. KG [DE/DE]; Schwarzer Weg 8, 22309 Hamburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRIEDE, Peter [DE/DE]; Westerlandekop 81a, 21635 Jork (DE). BESTMANN, Matthias [DE/DE]; Herzog-Alf-Weg 8B, 22457 Hamburg (DE). KIEFER, Margit [DE/DE]; Steinstrasse 19, 20095 Hamburg (DE).

(74) SCHAEFER, Konrad; Schaefer & Emmel, Gehölzweg 20, 22043 Hamburg (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) 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 B65G 47/84

(11) WO 03/037761 (13) A2

(21) PCT/EP02/12198

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/343,708 1 Nov/nov 2001 US (01.11.2001)

(30) 60/397,885 23 Jul/juil 2002 US (23.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CONVEYOR SYSTEM WITH DIVERTING TRACK NETWORK

• SYSTEME DE TRANSPORT A RESEAU DE VOIES DE DEVIATION

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(72) VEIT, Frank, W.; 305 Barber Street, Spring Lake, MI 49456 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ B65G 49/04

(11) WO 03/037762 (13) A1

(21) PCT/EP02/12156

(22) 31 Oct/oct 2002 (31.10.2002)

(25) de (26) de

(30) 101 53 992.4 2 Nov/nov 2001 DE (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE AND METHOD FOR THE SURFACE TREATMENT OF WORKPIECES

• DISPOSITIF ET PROCÉDE DE TRAITEMENT DE SURFACES DE PIÉCES

(71) DÜRR AUTOMOTION GMBH [DE/DE]; Otto-Dürr-Strasse 8, 70435 Stuttgart (DE). DÜRR SYSTEMS GMBH [DE/DE]; Otto-Dürr-Strasse 8, 70435 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KISI, Hidayet [DE/DE]; Herbert-Hoover-Strasse 35, 74074 Heilbronn (DE).

(74) HÖRNER, Andreas et al. / etc.; Hoeger, Stellrecht & Partner, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B65G 53/52, B67D 5/01

(11) WO 03/037763 (13) A1

(21) PCT/US01/47248

(22) 5 Dec/déc 2001 (05.12.2001)

(25) en (26) en

(30) 10/014,639 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BULK MATERIAL UNLOADING FACILITY

• INSTALLATION DE DECHARGEMENT DE VRAC

(71) CARBIS, INC. [US/US]; P.O. Box 6229, Florence, SC 29502 (US).

(72) JUST, William, Wayne; 2201 Chadwick Drive, Florence, SC 29501 (US). SINGLETON, Robert, E., Jr.; 1456 Cherokee Road, Florence, SC 29501 (US).

(74) HARDAWAY, John, B., III et al. / etc.; Nexsen Pruet Jacobs & Pollard, LLC, P.O. Box 10107, Greenville, SC 29603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ B65H 18/08, 20/10

(11) WO 03/037764 (13) A1

(21) PCT/US02/25590

(22) 12 Aug/août 2002 (12.08.2002)

(25) en (26) en

(30) 10/003,715 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MANDRELLESS CENTER/SURFACE WINDER

• BOBINEUSE DE SURFACE/CENTRALE SANS MANDRIN

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) BAGGOT, James, L.; 848 Nicolet Boulevard, Menasha, WI 54952 (US). CLARKE,

- Robert, L.; 1054 South Violet Lane, Appleton, WI 54914 (US).
- (74) PIEROTTI, Neal, P.; DORITY & MAN-
NING, P.A., One Liberty Square, 55 Beattie
Place, Suite 1600, Greenville, SC 29601 (US)
et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT 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 B65H 19/26, 19/28
(11) WO 03/037765 (13) A1
(21) PCT/US02/34751
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 60/340,830 30 Oct/oct 2001 US
(30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • TISSUE REEL TRANSFER DEVICE
AND METHOD
• DISPOSITIF ET PROCEDE DE TRANS-
FERT DE BOBINE DE TISSU
- (71) VALCO CINCINNATI, INC. [US/US]; 411
Circle Freeway Drive, Cincinnati, OH 45246
(US).
- (72) JAMISON, Chris, Mark; 6213 Marc-
cus Court, West Chester, OH 45069 (US).
VIVIERS, Christian; 65 Locas, St. Con-
stant, PQ J5A 1J9 (CA). TILLERY, Jerry,
William; 45 Scott Lane, Hamilton, OH 45015
(US). WEIGAND, Richard, Phillip; 3204
Ravens Crest Drive, Plainsboro, NJ 08536
(US).
- (74) SPRECHER, Kevin, S. et al. / etc.; Frost
Brown Todd LLC, 2200 PNC Center, 201 East
Fifth Street, Cincinnati, OH 45202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT 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 B65H 21/00, 35/02
(11) WO 03/037766 (13) A1
(21) PCT/SE02/01949
- (22) 28 Oct/oct 2002 (28.10.2002)
(25) sv (26) en
(30) 0103578-1 29 Oct/oct 2001 SE
(29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • METHOD AND DEVICE AT RUNNING
WEBS WHICH HAVE BEEN PRINTED
IN A HIGH-SPEED PRINTER
• PROCEDE ET DISPOSITIF POUR
BANDES DE DEFILEMENT IMPRI-
MEES AVEC UNE IMPRIMANTE RA-
PIDE
- (71) STRÅLFORS AB [SE/SE]; Langgatan 21,
S-341 84 Ljungby (SE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) BENJAMINSSON, Peter [SE/SE];
Fogdegatan 20, S-341 37 Ljungby (SE).
- (74) WAGNER, Heinz et al. / etc.; H Wagner &
Co AB, Norra Vallgatan 72, S-211 22 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 PL PT RO
RU SD SE SG SI SK (Utility model / modèle
d'utilité) SK SL TJ TM TR TT TZ UA UG
US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 B65H 35/00
(11) WO 03/037767 (13) A2
(21) PCT/CA02/01697
(22) 4 Nov/nov 2002 (04.11.2002)
(25) en (26) en
(30) 09/985,327 2 Nov/nov 2001 US
(02.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • HAND HELD TAPE DISPENSER
• DEVIDOIR DE RUBAN MANUEL
- (71, 72) SHAH, Kumud [GB/CA]; 11 The Bridle
Path, Willowdale, Ontario M2L 1C9 (CA).
- (74) MARKS & CLERK (Mississauga); 350
Burhamthorpe Road West, Suite #402, Mis-
sissauga, Ontario L5B 3J1 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN
YU ZA ZM ZW AP (GH GM KE LS MW MZ SD
SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)
(t) for all designations / pour toutes les
designations
-
- (51)⁷ B65H 39/14
(11) WO 03/037769 (13) A1
(21) PCT/US02/08930
(22) 21 Mar/mar 2002 (21.03.2002)
- PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ B65H 35/00, 37/04, B65D 85/672, 65/14
(11) WO 03/037768 (13) A2
(21) PCT/US02/34258
(22) 25 Oct/oct 2002 (25.10.2002)
(25) en (26) en
(30) 60/343,282 26 Oct/oct 2001 US
(26.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • FLEXIBLE WRAPKIT AND METHODS
• KIT D'EMBALLAGE FLEXIBLE ET
PROCEDES ASSOCIES
- (71) THE PROCTER & GAMBLE COM-
PANY [US/US]; One Procter & Gamble
Plaza, Cincinnati, OH 45202 (US).
- (72) TOUSSANT, John, William; 8169 Shady-
brook Drive, West Chester, OH 45069 (US).
RAHL, Stephen, Richard; 9300 Bod-
ford Drive, West Chester, OH 45069 (US).
WAHL, Kent, Robert; 2146 Beechcroft
Court, Cincinnati, OH 45233 (US). JACK-
SON, Beverly, Julian; 167 East Fairway
Drive, Hamilton, OH 45013 (US). KEETER,
William, Ernest, III; 4648 Maxwell Drive,
Mason, OH 45040 (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 SD SE SG SI SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

- (25) en (26) en
(30) 10/003,911 1 Nov/nov 2001 US
(01.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • APPARATUS AND METHOD FOR APPLYING DISCRETE COMPONENTS ONTO A MOVING WEB
• APPAREIL ET PROCEDE POUR UNE APPLICATION DE COMPOSANTS DISCRETS SUR UNE BANDE EN MOUVEMENT
(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).
(72) STOPHER, James, Bennington; 1420 Satterfield, Pocatello, ID 83201 (US). OLSON, Carl, William; 5188 Fairview Road, Larsen, WI 54947 (US). MCNICHOLS, Patrick, Sean; N2426 Greendale Road, Hortonville, WI 54944 (US). KRUMMEL, Gregory, Arthur; 1317 Irma Street, Appleton, WI 54915 (US). VOGT, Robert, Eugene; 1121 Gay Drive, Neenah, WI 54956 (US). BOURASSA, Alain-Rene; 229 Pinard, St. Thomas d'Aquin, Québec J0H 2A0 (CA).
(74) PARKER, Thomas, M. et al. / etc.; Kimberly-clark Worldwide, Inc., 401 N. Lake Street, Neenah, WI 54956 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations

- (51)⁷ B65H 81/00, B32B 31/00
(11) WO 03/037770 (13) A1
(21) PCT/US01/45480
(22) 31 Oct/oct 2001 (31.10.2001)
(25) en (26) en
(43) 8 May/mai 2003 (08.05.2003)
(54) • REINFORCED THERMOPLASTIC PIPE MANUFACTURE
• FABRICATION D'UN TUYAU THERMOPLASTIQUE RENFORCE
(71) ADC ACQUISITION COMPANY [US/US]; 407 Front Street, Schenectady, NY 12305 (US).

- (72) HAUBER, David, E.; 111 Fales Court, Troy, NY 12180 (US).
(74) SCHILLER, Thomas, P. et al. / etc.; 526 Superior Avenue East, Suite 1200, Cleveland, OH 44114 (US).
(81) AU CA IL IN JP KR MX NO.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ B66B 1/18
(11) WO 03/037771 (13) A1
(21) PCT/FI02/00816
(22) 21 Oct/oct 2002 (21.10.2002)
(25) fi (26) en
(30) 012094 29 Oct/oct 2001 FI
(29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • ELEVATOR SYSTEM
• SYSTEME D'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) JOKELA, Simo [FI/FI]; Harjukatu 16 B, FIN-05900 Hyvinkää (FI). PARTANEN-JOKELA, Riitta [FI/FI]; Harjukatu 16 B, FIN-05900 Hyvinkää (FI). DE JONG, Johannes [NL/FI]; Kauhajoenukuja 1, FIN-04430 Järvenpää (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 B66B 3/00
(11) WO 03/037772 (13) A1
(21) PCT/US01/45629
(22) 31 Oct/oct 2001 (31.10.2001)
(25) en (26) en
(43) 8 May/mai 2003 (08.05.2003)
(54) • ELEVATOR COMMUNICATION SYSTEM
• SYSTEME DE COMMUNICATION POUR ASCENSEUR
(71) TELEVATOR CORPORATION [US/US]; 625 Broadway, Suite 900, San Diego, CA 92101 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) FAYETTE, Peter, T. [US/US]; 2235 Cowley Way, San Diego, CA 92110 (US). JENKINS, Charles [US/US]; 1350 Taramore Drive, Sawanee, GA 30024 (US).

- (74) BROOK, Mitchell, P. et al. / etc.; Baker & McKenzie, Twelfth Floor, 101 West Broadway, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B66B 11/02
(11) WO 03/037773 (13) A1
(21) PCT/JP01/09515
(22) 30 Oct/oct 2001 (30.10.2001)
(25) ja (26) ja
(43) 8 May/mai 2003 (08.05.2003)
(54) • ELEVATOR DEVICE
• DISPOSITIF ELEVATEUR
(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(72) FUNAI, Kiyoshi; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(81) CN JP KR.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ B66B 23/00, 23/02, F16H 7/02
(11) WO 03/037774 (13) A1
(21) PCT/US02/34762
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 10/021,280 30 Oct/oct 2001 US
(30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • BELT DRIVE ASSEMBLY FOR A PASSENGER CONVEYOR
• ENSEMBLE A ENTRAINEMENT PAR COURROIE DESTINE A UN TAPIS ROULANT
(71) OTIS ELEVATOR COMPANY [US/US]; Intellectual Property Department, Ten Farm Springs, Farmington, CT 06032 (US).
(72) FARGO, Richard, N.; 12 Mohawk Road, Plainville, CT 06062 (US). WESSON, John, P.; 39 Donnell Road, Vernon, CT 06066 (US).
(74) O'BRIEN, Sean, W.; Deputy Intellectual Property Counsel, Ten Farm Springs, Farmington, CT 06032 (US).
(81) AU BR CN JP KR.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)⁷ B66C 1/66
(11) WO 03/037775 (13) A1
(21) PCT/FI01/00940
(22) 29 Oct/oct 2001 (29.10.2001)
(25) en (26) en
(43) 8 May/mai 2003 (08.05.2003)
- (54) • APPARATUS FOR A LOCKING UNIT OF A CONTAINER SPREADER
• APPAREIL POUR UNITE DE VERROUILLAGE DE PALONNIER POUR CONTENEUR
- (71) GIMETSI OY [FI/FI]; Lehmuspolku, FIN-12101 Oitti (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JUSSILA, Olavi [FI/FI]; Puolimatkatkatu 42, FIN-05830 Hyvinkää (FI). KAITURINMÄKI, Jari [FI/FI]; Paatsamatie 6 A 12, FIN-00320 Helsinki (FI).
- (74) JVP-PALVELU OY; Torikatu 4, FIN-05800 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B66F 9/075, 9/22, G01S 13/00, F15B 15/28
(11) WO 03/037777 (13) A1
(21) PCT/DE02/03938
(22) 18 Oct/oct 2002 (18.10.2002)
(25) de (26) de
(30) 101 53 531.7 30 Oct/oct 2001 DE (30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • SENSOR ARRANGEMENT FOR A MEASUREMENT OF THE TRAVEL OF A MOVING COMPONENT OF A MECHANICAL DEVICE
• DISPOSITIF DE DETECTION POUR MESURER LE DEPLACEMENT D'UNE PIECE MOBILE D'UN DISPOSITIF MECANIQUE
- (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) MÜLLER, Gerold [DE/DE]; Janningsstrasse 4, 70563 Stuttgart (DE).
- (74) NICKEL, Georg; Bosch Rexroth AG, Industrial Hydraulics, 97813 Lohr am Main (DE).
- (81) JP KR US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
Published / Publiée : (c)
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- (51)⁷ B67C 3/28, F15B 15/10
(11) WO 03/037779 (13) A1
(21) PCT/IT02/00667
(22) 16 Oct/oct 2002 (16.10.2002)
(25) en (26) en
(30) PR01A000067 19 Oct/oct 2001 IT (19.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • FILLING VALVE ASSEMBLY WITH FLUID MUSCLE VALVE ACTIVATOR
• ENSEMBLE ROBINET DE REMPLISSAGE NOTAMMENT POUR MACHINE DE REMPLISSAGE DE RECIPIENTS AVEC DES LIQUIDES
- (71) SIG SIMONAZZI S.P.A. [IT/IT]; Via La Spezia 241/A, I-43040 Parma (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PRETI, Fabrizio [IT/IT]; Via S. Lazzaro, 31, I-43015 Noceto (IT). ABATI, Stefano [IT/IT]; Via Gorizia, 5, I-29017 Fiorenzuola D'Arda (IT).
- (74) GOTRA, Stefano; Bugnion S.p.A., Via Garibaldi, 22, I-43100 Parma (IT).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) 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 NO NZ PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
Published / Publiée : (c)
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) etc.
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- (51)⁷ B66F 3/12
(11) WO 03/037776 (13) A1
(21) PCT/EP02/09991
(22) 6 Sep/sep 2002 (06.09.2002)
(25) de (26) de
(30) 101 53 164.8 27 Oct/oct 2001 DE (27.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • LIFT JACK COMPRISING A SUPPORT ARM AND METHOD FOR PRODUCING SAID SUPPORT ARM
• CRIC COMPORTANT UN BRAS PORTEUR ET PROCEDE DE FABRICATION DU BRAS PORTEUR
- (71) THYSSENKRUPP BILSTEIN GMBH [DE/DE]; August-Bilstein-Strasse 4, 58256 Ennepetal (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ALTEN, Ferdinand [DE/DE]; Im Wiesengrund 5, 54429 Mandern (DE).
- (74) THYSSENKRUPP BILSTEIN GMBH; Recht und Patente, Alleestrassse 165, 44793 Bochum (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
Published / Publiée : (c)
-
- (51)⁷ B67B 7/00
(11) WO 03/037778 (13) A1
(21) PCT/US02/33814
(22) 23 Oct/oct 2002 (23.10.2002)
(25) en (26) en
(30) 10/039,697 26 Oct/oct 2001 US (26.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • MOTORIZED JAR OPENER SYSTEM AND METHOD
• SYSTEME ET PROCEDE MOTORISES D'OUVERTURE DE BOCAUX
- (71) HP INTELLECTUAL CORP. [US/US]; Suite 352, 2751 Centerville Road, Wilmington, DE 19803 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DUBOIS, Craig [US/US]; 21 Arbutus Lane, Trumbull, CT 06611 (US). MOWERS, Stephen, D. [US/US]; 53 Nutmeg Lane, Fairfield, CT 06430 (US). SANDOR, James, A. [US/US]; 89 Hurd Road, Trumbull, CT 06611 (US). ARNOTT, David, R. [US/US]; 3132 Town Walk Drive, Hamden, CT 06518 (US).
- (74) HARRINGTON, Mark, F.; Harrington & Smith, LLP, 4 Research Drive, Shelton, CT 06484-6212 (US) et al. / etc.

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 designation / pour la
désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ B67D 3/02, 3/04, 5/37

(11) WO 03/037780 (13) A1

(21) PCT/NZ02/00201

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 515179 31 Oct/oct 2001 NZ
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ADJUSTABLE NOZZLE ASSEMBLY
• ENSEMBLE BUSE REGLABLE

(71) FORLONG & MAISEY LIMITED T/A
INSTRUMENT SUPPLIES [NZ/NZ]; Pri-
vate Bag 3126, 13 Kaimiro Street, Pukete,
2001 Hamilton (NZ).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WARD, Neil, Barry [NZ/NZ]; 17 Gar-
nett Avenue, 2001 Hamilton (NZ).

(74) WILSON, Kathryn, Shelley et al. / etc.;
Private Bag 3140, Level 12, KPMG Centre,
85 Alexandra Street, 2001 Hamilton (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B81B 1/00, B81C 1/00, B01L 3/00, B01J
19/00

(11) WO 03/037781 (13) A1

(21) PCT/US01/30959

(22) 2 Oct/oct 2001 (02.10.2001)

(25) en (26) en

(30) 09/676,512 2 Oct/oct 2000 US
(02.10.2000)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MICROFLUIDIC DEVICES HAVING
EMBEDDED METAL CONDUCTORS
AND METHODS OF FABRICATING
SAID DEVICES

• DISPOSITIFS MICROFLUIDIQUES
AVEC DES CONDUCTEURS METAL-
LIQUES INTEGRES ET PROCEDES DE
FABRICATION ASSOCIES

(71) MOTOROLA, INC. [US/US]; 1303 East
Algonquin Road, Schaumburg, IL 60196
(US).

(72) RHINE, David, B.; 3215 East Cedarwood
Lane, Phoenix, AZ 85048 (US). SMEKAL,
Thomas, J.; 2533 East Desert Willow Drive,
Phoenix, AZ 85048 (US).

(74) SILVA, Robin, M. et al. / etc.; Flehr Ho-
hbach Test Albritton & Herbert LLP, Suite

3400, 4 Embarcadero Center, San Francisco,
CA 94111-4187 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ B81B 3/00

(11) WO 03/037782 (13) A2

(21) PCT/DE02/03283

(22) 5 Sep/sep 2002 (05.09.2002)

(25) de (26) de

(30) 101 522 54.1 20 Oct/oct 2001 DE
(20.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MICROMECHANICAL COMPONENT
AND METHOD FOR PRODUCING
SAME

• COMPOSANT MICROMECHANIQUE ET
SON PROCEDE DE PRODUCTION

(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) LAERMER, Franz [DE/DE]; Hermann-
Schuetz-Str. 22, 71263 Weil der Stadt (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ B81C 1/00

(11) WO 03/037783 (13) A1

(21) PCT/JP02/11120

(22) 25 Oct/oct 2002 (25.10.2002)

(25) ja (26) ja

(30) 2001-330652 29 Oct/oct 2001 JP
(29.10.2001)

(30) 2002-295077 8 Oct/oct 2002 JP
(08.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR MANUFACTURING
METAL MICROSTRUCTURE

• PROCEDE DE FABRICATION DE MI-
CROSTRUCTURE METALLIQUE

(71) SUMITOMO ELECTRIC INDUSTRIES,
LTD. [JP/JP]; 5-33, Kitahama 4-chome,
Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YORITA, Jun [JP/JP]; c/o Harima
Research Laboratories of SUMITOMO
ELECTRIC INDUSTRIES, LTD., 12-1,
Kouto 3-chome, Kamigori-cho, Ako-gun,
Hyogo 678-1205 (JP). HIRATA, Yoshihiro
[JP/JP]; c/o Harima Research Laboratories
of SUMITOMO ELECTRIC INDUSTRIES,
LTD., 12-1, Kouto 3-chome, Kamigori-cho,

Ako-gun, Hyogo 678-1205 (JP). HAGA,
Tsuyoshi [JP/JP]; c/o Harima Research
Laboratories of SUMITOMO ELECTRIC
INDUSTRIES, LTD., 12-1, Kouto 3-chome,
Kamigori-cho, Ako-gun, Hyogo 678-1205
(JP).

(74) FUKAMI, Hisao et al. / etc.; Fukami
Patent Office, Mitsui Sumitomo Bank Mi-
namimorimachi Bldg., 1-29, Minamimori-
machi 2-chome, Kita-ku, Osaka-shi, Osaka
530-0054 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ C01B 3/00

(11) WO 03/037784 (13) A2

(21) PCT/SG02/00254

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/330,802 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR REVERSIBLE STOR-
AGE OF HYDROGEN AND MATERI-
ALS FOR HYDROGEN STORAGE

• PROCEDE DE STOCKAGE REVER-
SIBLE D'HYDROGENE ET MATIERES
DE STOCKAGE D'HYDROGENE

(71) NATIONAL UNIVERSITY OF SINGA-
PORE [SG/SG]; 10 Kent Ridge Crescent,
Singapore 119260 (SG).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CHEN, Ping [CN/SG]; 50D Faber
Heights, #02-20, Singapore 129198 (SG).
XIONG, Zhitao [CN/SG]; Blk 510 #12-317
West Coast Drive, Singapore 120510 (SG).
LUO, Jizhong [CN/SG]; Blk 608, #10-82
Clementi West Street 1, Singapore 120608
(SG).

(74) ELLA CHEONG MIRANDAH & SPRU-
SONS PTE LTD; Robinson Road Post Of-
fice, 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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 C01B 3/00

(11) WO 03/037785 (13) A1

(21) PCT/US02/34519

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 60/330,749 30 Oct/oct 2001 US
(30.10.2001)

(30) 60/413,557 26 Sep/sep 2002 US
(26.09.2002)

(30) Not furnished / 24 Oct/oct 2002 US
non communiqué (24.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • COMPOSITION AND METHOD FOR HYDROGEN STORAGE
• COMPOSITION ET PROCEDE POUR LE STOCKAGE DE L'HYDROGENE

(71) CARNEGIE INSTITUTION OF WASHINGTON [US/US]; 1530 P Street, N.W., Washington, DC 20005 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAO, Wendy, L. [US/US]; 5251 Broad Branch Road, NW, Washington, DC 20015 (US). MAO, Ho-Kwang [US/US]; 5251 Broad Branch Road, N.W., Washington, DC 20015 (US).

(74) SMITH, John, G. et al. / etc.; Morgan, Lewis & Bockius LLP, 1111 Pennsylvania Avenue, NW, Washington, DC 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 C01B 13/02, A61M 16/10, B01D 53/04, G01N 29/18

(11) WO 03/037786 (13) A1

(21) PCT/JP02/11238

(22) 29 Oct/oct 2002 (29.10.2002)

(25) ja (26) ja

(30) 2001/332329 30 Oct/oct 2001 JP
(30.10.2001)

(30) 2001/340367 6 Nov/nov 2001 JP
(06.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • OXYGEN ENRICHING DEVICE
• DISPOSITIF D'ENRICHISSEMENT EN OXYGENE

(71) TEIJIN LIMITED [JP/JP]; 6-7, Minami-hommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUJIMOTO, Naotoshi [JP/JP]; C/O Teijin Limited, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (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) AU CA CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ C01B 13/14

(11) WO 03/037787 (13) A1

(21) PCT/CN02/00757

(22) 25 Oct/oct 2002 (25.10.2002)

(25) zh (26) zh

(30) 01134425.3 1 Nov/nov 2001 CN
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NON-EQUILIBRIUM PROCESS FOR PREPARING A Mg-AL TYPE BISHYDROXY COMPOSITE METAL OXIDE

• PROCEDE DU NON-EQUILIBRE PERMETTANT LA PREPARATION D'UN OXYDE DE METAL COMPOSITE DE BISHYDROXY DE TYPE MA-AL

(71) BEIJING UNIVERSITY OF CHEMICAL TECHNOLOGY [CN/CN]; Box 98, 15 Beisanhuan East Road, Chaoyang District, Beijing 100029 (CN).

(72) DUAN, Xue; Box 98, 15 Beisanhuan East Road, Chaoyang District, Beijing 100029 (CN). ZHAO, Yun; Box 98, 15 Beisanhuan East Road, Chaoyang District, Beijing 100029 (CN). LI, Feng; Box 98, 15 Beisanhuan East Road, Chaoyang District, Beijing 100029 (CN).

(74) NTD PATENT & TRADEMARK AGENCY LTD., BEIJING OFFICE; 10th floor, Block A, Investment Plaza, 27 Jinrongdajie, Beijing 100032 (CN).

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ C01B 13/14, 13/36, C01G 41/02, 39/02, 31/00, 41/00, B41M 3/14, C09D 11/00

(11) WO 03/037788 (13) A1

(21) PCT/GB02/04968

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 0126284.9 1 Nov/nov 2001 GB
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • WATER SOLUBLE LUMINESCENT NANOPARTICLES

• NANOPARTICULES LUMINESCENTES HYDROSOLUBLES

(71) OXONICA LIMITED [GB/GB]; Unit 7, Begbroke Science & Business Park, Sandy Lane, Yarnton, Kidlington, Oxford OX5 1PF (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WAKEFIELD, Gareth [GB/GB]; Oxonica Limited, Begbroke Science & Business Park, Unit 7, Sandy Lane, Yarnton, Kidlington, Oxford OX5 1PF (GB). GREEN, Mark [GB/GB]; Oxonica Limited, Unit 7, Begbroke Science & Business Park, Sandy Lane, Yarnton, Kidlington, Oxford OX5 1PF (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 17/04, 17/05

(11) WO 03/037789 (13) A1

(21) PCT/US02/34363

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 09/999,825 30 Oct/oct 2001 US
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF RECOVERING SULFUROUS COMPONENTS IN A SULFUR-RECOVERY PROCESS

• PROCEDE DE RECUPERATION DE CONSTITUANTS SULFUREUX DANS UN PROCESSUS DE RECUPERATION DE SOUFRE

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 2150 Shattuck Avenue, Suite 510, Berkeley, CA 94720-1620 (US).

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(72, 75) LYNN, Scott [US/US]; 37 Janin Place, Pleasant Hill, CA 94523 (US).

(74) ACKERMAN, Joel et al. / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 17/80

(11) WO 03/037790 (13) A2

(21) PCT/EP02/11231

(22) 8 Oct/oct 2002 (08.10.2002)

(25) en (26) en

(30) 101 53 692.5 31 Oct/oct 2001 DE
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PROCESS AND APPARATUS FOR PRODUCING SULFURIC ACID

- PROCEDE ET APPAREIL DE PRODUCTION D'ACIDE SULFURIQUE
- (71) **OUTOKUMPU, Oyj** [FI/FI]; Riihitontuntie 7, FIN-02200 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAUM, Karl-Heinz** [DE/DE]; Senfelder Strasse 17, 65205 Wiesbaden (DE).
SCHALK, Wolfram [DE/DE]; Geschwister Scholl Weg 4, 61267 Neu-Anspach (DE).
- (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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 31/02, C08K 7/24
- (11) WO 03/037791 (13) A1
- (21) PCT/DE02/03501
- (22) 18 Sep/sep 2002 (18.09.2002)
- (25) de (26) de
- (30) 101 53 316.0 29 Oct/oct 2001 DE (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DERIVATIZED NANOTUBES OR NANO-ONIONS, COMPOSITES WITH SAID COMPOUNDS, METHOD FOR PRODUCTION AND USES
- NANOTUBES OU NANO-OIGNONS DERIVES, COMPOSITES CONTENANT CES COMPOSES. PROCEDE DE PRODUCTION ET UTILISATIONS
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRABEC, Christoph** [AT/DE]; Anton-Bruckner-Strasse 19, 91052 Erlangen (DE).
HIRSCH, Andreas [DE/DE]; Schlossweg 37, 91080 Rathsberg (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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(s) for the following designations / pour les désignations suivantes : JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
(u) for / pour US only / seulement
-
- (51)⁷ C01B 31/02
- (11) WO 03/037792 (13) A1
- (21) PCT/SG02/00255
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 60/330,805 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • LARGE-SCALE SYNTHESIS OF SINGLE-WALLED CARBON NANOTUBES BY GROUP VIII CATALYSTS PROMOTED BY GROUP VIB METALS
- SYNTHÈSE A GRANDE ECHELLE DE NANOTUBES DE CARBONE A PAROI UNIQUE EFFECTUEE AVEC DES CATALYSEURS DU GROUPE VIII POTENTIALISES PAR DES METAUX DU GROUPE VIB
- (71) **NATIONAL UNIVERSITY OF SINGAPORE** [SG/SG]; 10 Kent Ridge Crescent, 119260 Singapore (SG).
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- (72, 75) **TANG, Songbai** [CN/SG]; Blk 707, #10-341, Clementi West ST 2, Singapore 120707 (SG).
LIN, Jianyi [SG/SG]; Blk 519 Jelapang Road, #14-173, Singapore 670519 (SG).
TAN, Kuang, Lee [SG/SG]; 18 Kismis Avenue, Singapore 598196 (SG).
WU, Xiaobin [CN/SG]; Blk 488 Jurong West Avenue 1, #11-133, Singapore 640488 (SG).
- (74) **ELLA CHEONG MIRANDAH & SPRU-SONS 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C01B 33/158
- (11) WO 03/037793 (13) A2
- (21) PCT/US02/34365
- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) en (26) en
- (30) 10/045,948 26 Oct/oct 2001 US (26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MONOLAYER COATED AEROGELS AND METHOD OF MAKING
- AEROGELS REVETUS D'UNE MONO-COUCHE ET LEUR PROCEDE DE FABRICATION
- (71) **BATTELLE MEMORIAL INSTITUTE** [US/US]; Pacific Northwest Division, Intellectual Property Services, P.O. Box 999, Richland, WA 99352 (US).
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- (72, 75) **ZEMANIAN, Thomas, S.** [US/US]; 1501 Hains Avenue, Richland, WA 99352 (US).
FRYXELL, Glen [US/US]; 8907 W. Entiat Avenue, Kennewick, WA 99336 (US).
- USTYUGOV, Oleksiy, A. [UA/UA]; 300 W. Hawthorne Road, Spokane, WA 99251 (US).
- (74) **MAY, Stephen, R. et al.** / etc.; Battelle Memorial Institute, Pacific Northwest Division, Intellectual Property Services, P.O. Box 999, MSIN: K1-53, Richland, WA 99352 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 15/04, B01J 39/02, 47/00, B01D 61/44
- (11) WO 03/037794 (13) A1
- (21) PCT/DE01/04061
- (22) 25 Oct/oct 2001 (25.10.2001)
- (25) de (26) de
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR RECOVERING LITHIUM CHLORIDE FROM BRINE AND INSTALLATION FOR CARRYING OUT SAID METHOD
- PROCEDE D'EXTRACTION DE CHLORURE DE LITHIUM A PARTIR DE SOLUTIONS ALCALINES SALINES ET DISPOSITIF DE MISE EN OEUVRE DE CE PROCEDE
- (71) **EUROSINA TECHNOLOGY CONSULTING & PROJECT DEVELOPMENT GMBH** [DE/DE]; Griembergweg 25, 12305 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RYBTSEV, Alexander** [RU/RU]; ul. Sovetskaiy, 15-16, Novosibirsk 7, 630007 (RU).
TITARENKO, Valeriy [RU/RU]; ul. Rassvetnaiy, 9-48, Novosibirsk 129, 630129 (RU).
MENZHERES, Larisa [RU/RU]; ul. Narodnaiy, 19-5, Novosibirsk 75, 630075 (RU).
KOTSUPALO, Natalya [RU/RU]; ul. Sverdlova, 3-5, Novosibirsk 7, 630007 (RU).
GUSCHINA, Elizaveta [RU/RU]; ul. Kurchatova, 9-277, Novosibirsk 129, 630129 (RU).
SERIKOVA, Luydmila [RU/RU]; ul. Rassvetnaiy, 9-196, Novosibirsk 129, 630129 (RU).
SHINKARENKO, Piter [RU/RU]; ul. Dobrolubova, 18-106, Novosibirsk 9, 630009 (RU).
SUDAREV, Sergey [RU/RU]; ul. B. Chmelitsky, 41-12, Novosibirsk 110, 630110 (RU).
NEMKOV, Nikolay [RU/RU]; ul. Zennuchova, 5/1-200, Novosibirsk 129, 630129 (RU).
- (74) **NEUMANN, Günter**; Hübner . Neumann . Radwer, Frankfurter Allee 286, 10317 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 PL PT RO SD SE

SG SI SK SL TJ TM TR TT TZ UA UG US
UZ VN YU ZA ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ C01F 11/18, C09C 1/02, C05D 3/02

(11) WO 03/037795 (13) A1

(21) PCT/IN01/00196

(22) 31 Oct/oct 2001 (31.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

- (54) • PROCESS FOR GENERATION OF PRECIPITATED CALCIUM CARBONATE FROM CALCIUM CARBONATE RICH INDUSTRIAL BY-PRODUCT

• PROCEDE DE PRODUCTION DE CARBONATE DE CALCIUM PRECIPITE A PARTIR D'UN SOUS-PRODUIT INDUSTRIEL RICHE EN CARBONATE DE CALCIUM

- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, 110 001 New Delhi (IN). GUJARAT NARMADA VALLEY FERTILIZER COMPANY LIMITED [IN/IN]; P.O. Narmadanagar, District: Baruch, 392 015 Gujarat (IN).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) JASRA, Rakesh, Vir [IN/IN]; Central Salt and Marine Chemicals Research Institute, Bhavnagar, 364 002 Gujarat (IN). OZA, Pravinchandra, Mahasukhray [IN/IN]; Central Salt and Marine Chemicals Research Institute, Bhavnagar, 364 002 Gujarat (IN). SOMANI, Rajesh, Shantilal [IN/IN]; Central Salt and Marine Chemicals Research Institute, Bhavnagar, 364 002 Gujarat (IN). SHETH, Mrunal, Vinodbhai [IN/IN]; Central Salt and Marine Chemicals Research Institute, Bhavnagar, 364 002 Gujarat (IN). THAKKAR, Vikram, Vinodrai [IN/IN]; Central Salt and Marine Chemicals Research Institute, Bhavnagar, 364 002 Gujarat (IN). BADHEKA, Yogiraj, Mansukhlal [IN/IN]; Central Salt and Marine Chemicals Research Institute, Bhavnagar, 364 002 Gujarat (IN). AYYER, Jayalekshmy [IN/IN]; Gujarat Narmada Valley Fertilizer

Company Limited, P.O. Narmadanagar, District: Baruch, 392 015 Gujarat (IN). PATEL, Virendra, Bhikhabhai [IN/IN]; Gujarat Narmada Valley Fertilizer Company Limited, P.O. Narmadanagar, District: Baruch, 392 015 Gujarat (IN).

- (74) RAJESHWARI HARIHARAN; 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C01F 11/18, C09C 1/02, C05D 3/02

(11) WO 03/037796 (13) A1

(21) PCT/IN01/00197

(22) 31 Oct/oct 2001 (31.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

- (54) • PROCESS FOR GENERATION OF FINELY DIVIDED CALCIUM CARBONATE FROM CALCIUM CARBONATE RICH INDUSTRIAL BY-PRODUCT

• PROCEDE DE PRODUCTION DE CARBONATE DE CALCIUM FINEMENT SEPARÉ A PARTIR D'UN SOUS-PRODUIT INDUSTRIEL RICHE EN CARBONATE DE CALCIUM

- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, 110 001 New Delhi (IN). GUJARAT

NARMADA VALLEY FERTILIZER COMPANY LIMITED [IN/IN]; P.O. Narmadanagar, District: Baruch, 392 015 Gujarat (IN).

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- (72, 75) JASRA, Rakesh, Vir [IN/IN]; Central Salt and Marine Chemicals Research Institute, te, Bhavnagar, 364 002 Gujarat (IN). OZA, Pravinchandra, Mahasukhray [IN/IN]; Central Salt and Marine Chemicals Research Institute, te, Bhavnagar, 364 002 Gujarat (IN). SOMANI, Rajesh, Shantilal [IN/IN]; Central Salt and Marine Chemicals Research Institute, te, Bhavnagar, 364 002 Gujarat (IN). CHUNNAWALA, Jatin, Rameshchandra [IN/IN]; Central Salt and Marine Chemicals Research Institute, te, Bhavnagar, 364 002 Gujarat (IN). SHETH, Mrinal, Vinodbhai [IN/IN]; Central Salt and Marine Chemicals Research Institute, te, Bhavnagar, 364 002 Gujarat (IN). THAKKAR, Vikram, Vinodrai [IN/IN]; Central Salt and Marine Chemicals Research Institute, te, Bhavnagar, 364 002 Gujarat (IN). BADHEKA, Yogi, Mansukhlal [IN/IN]; Central Salt and Marine Chemicals Research Institute, te, Bhavnagar, 364 002 Gujarat (IN). AYYER, Jayalekshmy [IN/IN]; Gujarat Narmada Valley Fertilizer Company Limited, P.O. Narmadanagar, District: Baruch, 392 015 Gujarat (IN). PATEL, Virendra, Bhikhabhai [IN/IN]; Gujarat Narmada Valley Fertilizer Company Limited, P.O. Narmadanagar, District: Baruch, 392 015 Gujarat (IN).

- (74) RAJESHWARI HARIHARAN; 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 TR TT TZ UA UG UZ VN YU ZA ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM

AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C01G 23/00, C09K 3/14, C08J 5/14

(11) WO 03/037797 (13) A1

(21) PCT/JP02/11165

(22) 28 Oct/oct 2002 (28.10.2002)

(25) ja (26) ja

(30) 2001-331121 29 Oct/oct 2001 JP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • REPIDOCROCITE TYPE LITHIUM POTASSIUM TITANATE, METHOD FOR PREPARATION THEREOF, AND FRICTION MATERIAL

• TITANATE DE POTASSIUM DE LITHIUM DE TYPE REPIDOCROCITE, PROCEDE DE FABRICATION ET MATIERE DE FROTTEMENT

(71) OTSUKA CHEMICAL CO., LTD. [JP/JP]; 2-27, Otedori 3-chome, Chuo-ku, Osaka-shi, Osaka 540-0021 (JP).

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(72, 75) OGAWA, Hiroshi [JP/JP]; c/o OTSUKA CHEMICAL CO., LTD., Tokushima Factory, 463, Kagasuno, Kawauchi-cho, Tokushima-shi, Tokushima 771-0193 (JP). ITOI, Nobuki [JP/JP]; c/o OTSUKA CHEMICAL CO., LTD., Tokushima Factory, 463, Kagasuno, Kawauchi-cho, Tokushima-shi, Tokushima 771-0193 (JP). INADA, Kousuke [JP/JP]; c/o OTSUKA CHEMICAL CO., LTD., Tokushima Factory, 463, Kagasuno, Kawauchi-cho, Tokushima-shi, Tokushima 771-0193 (JP).

(74) METSUGI, Makoto et al. / etc.; Nishimura Bldg., 6-5, Tanimachi 1-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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C01G 23/00, 23/04, B01J 35/02, H01M 14/00, H01L 31/04

(11) WO 03/037798 (13) A1

(21) PCT/JP02/11214

(22) 29 Oct/oct 2002 (29.10.2002)

(25) ja (26) ja

(30) 2001-332547 30 Oct/oct 2001 JP (30.10.2001)

(30) 2001-367414 30 Nov/nov 2001 JP (30.11.2001)

(30) 2002-197698 5 Jul/juil 2002 JP (05.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TUBULAR TITANIUM OXIDE PARTICLES, METHOD FOR PREPARING THE SAME, AND USE OF THE SAME

• PARTICULES D'OXYDE DE TITANE TUBULAIRES, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION

(71) CATALYSTS & CHEMICALS INDUSTRIES CO., LTD. [JP/JP]; 580, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0013 (JP).

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(72, 75) KOYANAGI, Tsuguo [JP/JP]; c/o Wakamatsu Plant, CATALYSTS & CHEMICALS INDUSTRIES CO., LTD., 13-2, Kitaminato-machi, Wakamatsu-ku, Kitakyushu-shi, Fukuoka 808-0027 (JP). SHIRONO, Katsuhiko [JP/JP]; c/o Wakamatsu Plant, CATALYSTS & CHEMICALS INDUSTRIES CO., LTD., 13-2, Kitaminato-machi, Wakamatsu-ku, Kitakyushu-shi, Fukuoka 808-0027 (JP). TANAKA, Atsushi [JP/JP]; c/o Wakamatsu Plant, CATALYSTS & CHEMICALS INDUSTRIES CO., LTD., 13-2, Kitaminato-machi, Wakamatsu-ku, Kitakyushu-shi, Fukuoka 808-0027 (JP). KOMATSU, Michio [JP/JP]; c/o Wakamatsu Plant, CATALYSTS & CHEMICALS INDUSTRIES CO., LTD., 13-2, Kitaminato-machi, Wakamatsu-ku, Kitakyushu-shi, Fukuoka 808-0027 (JP).

(74) SUZUKI, Shunichiro; S.SUZUKI & ASSOCIATES, Gotanda Yamazaki Bldg. 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo 141-0031 (JP).

(81) AU CN US.

(84) EP (CH DE NL).

(51)⁷ C02F

(11) WO 03/037799 (13) A2

(21) PCT/US02/28149

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 60/326,226 2 Oct/oct 2001 US (02.10.2001)

(30) 60/344,809 7 Jan/jan 2002 US (07.01.2002)

(30) 10/086,554 4 Mar/mar 2002 US (04.03.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • POINT OF USE WATER PURIFICATION METHOD AND APPARATUS

• PROCEDE ET APPAREIL DE PURIFICATION D'EAU AU POINT D'UTILISATION

(71, 72) LAND, Glenn, E. [US/US]; 3221 Old River Lane, Independence, VA 74348 (US).

(74) COOPER, George, M. et al. / etc.; Jones, Tullar & Cooper, P.C., P.O. Box 2266 Eads Station, Arlington, VA 22202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C02F 1/32

(11) WO 03/037800 (13) A1

(21) PCT/RU02/00202

(22) 27 Apr/avr 2002 (27.04.2002)

(25) ru (26) ru

(30) 2001129088 29 Oct/oct 2001 RU (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MODULE FOR TREATING LIQUID MEDIA WITH UV RADIATION

• MODULE DE TRAITEMENT DE MILIEUX LIQUIDES AU MOYEN DU RAYONNEMENT UV

(71) "LABORATORIA IMPULSNOI TEHNIKI", ZAKRYTOE AKTSIONERNOE OBSHCHESTVO NAUCHNO-PROIZVODSTVENNOE OBYEDINENIE ZAO NPO "LIT" [RU/RU]; ul. Krasnobogatyrskaya, 44, Moscow, 107076 (RU).

(72) KOUSTUCHENKO, Sergei Vladimirovich; ul. Tsiolkovskogo, 28-52, Dolgoprudny, MO, 141700 (RU). KRASNOTCHUB, Alexander Vladimirovich; Lihachovskoe shosse, 11a-94, Dolgoprudny, MO, 141700 (RU). DEMIDOV, Dmitry Arkadievich; pos. Lesnoi, 7-3, Vladimir, 601293 (RU). MOISEEV, Andrei Jurievich; ul. Onezhskaya, 49-96, Moscow, 125413 (RU). NOSENKO, Vladimir Alexandrovich; Yasny proezd, 9-43, Moscow, 129081 (RU).

(74) AKISHINA, Elena Genrikhovna; ZAO NPO "LIT", ul. Krasnobogatyrskaya, 44, Moscow, 107076 (RU).

(81) AL AM AT AZ BA BG BY CH CN CZ DE DK EE ES FI GB GE HR HU ID IL IN KG KP KR KZ LT LU LV MK MN NO PL PT RO SE SG SI SK TJ TM TR UA UZ VN YU.

(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).

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ C02F 1/32, 1/78

(11) WO 03/037801 (13) A1

(21) PCT/US02/33135

(22) 16 Oct/oct 2002 (16.10.2002)

(25) en (26) en

(30) 10/001,209 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS AND METHOD FOR COMBINED USE OF ULTRAVIOLET AND OZONE IN APPLIANCES

• APPAREIL ET PROCEDE D'UTILISATION COMBINÉE D'UN RAYONNEMENT ULTRAVIOLET ET DE L'OZONE DANS DES APPAREILS MENAGERS

(71) KX INDUSTRIES, L.P. [US/US]; 269 South Lambert Road, Orange, CT 06477-3502 (US).

(72) **KOSLOW, Evan, E.**; 14 Twelve O'Clock Road, Weston, CT 06883 (US). **WALTERS, Lawrence, S., Jr.**; 505 Amity Road, Woodbridge, CT 06525 (US).

(74) **MA, Shirley, S.**; KX Industries, L.P., 269 South Lambert Road, Orange, CT 06477-3502 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C02F 1/461

(11) **WO 03/037802** (13) A1

(21) PCT/KR02/02038

(22) 1 Nov/nov 2002 (01.11.2002)

(25) ko (26) en

(30) 10-2001-0068157 2 Nov/nov 2001 KR (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A WATER PURIFIER USING ELECTROLYSIS
• PURIFICATEUR D'EAU A ELECTROLYSE

(71, 72) **KANG, Songsik** [KR/KR]; 82-12 Bomoon 1-dong, Sungbook-gu, Seoul 136-081 (KR).

(74) **HWANG, Byungdo**; Patra Patent & Trademark Law Office, Rm No.206, Regent Office B/D, 547-8, Guui-dong, Gwangjin-gu, 143-709 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C02F 1/66 // 103:02

(11) **WO 03/037803** (13) A1

(21) PCT/NO02/00396

(22) 31 Oct/oct 2002 (31.10.2002)

(25) no (26) en

(30) 20015354 1 Nov/nov 2001 NO (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND DEVICE FOR LIQUID TREATMENT
• PROCEDE ET DISPOSITIF DE TRAITEMENT DE LIQUIDE

(71) **WASTO AS** [NO/NO]; P.O. Box 47, N-4339 Ålgård (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STORNES, Svein, Olav, Risvold** [NO/NO]; P.O. Box 47, N-4339 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C02F 1/76, 1/68

(11) **WO 03/037804** (13) A1

(21) PCT/US02/32689

(22) 10 Oct/oct 2002 (10.10.2002)

(25) en (26) en

(30) 10/022,472 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ODOR CONTROL METHOD
• PROCEDE D'ELIMINATION DES ODEURS

(71) **BETZDEARBORN INC.** [US/US]; 4636 Somerton Road, Trevose, PA 19053-6783 (US).

(72) **MEYER, Ellen, M.**; 3287 Chestnut Circle NW, Cleveland, TN 37312 (US).

(74) **WINTER, Catherine, J. et al.** / etc.; Patent Counsel, General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C02F 3/12, 3/30

(11) **WO 03/037805** (13) A1

(21) PCT/CZ02/00058

(22) 29 Oct/oct 2002 (29.10.2002)

(25) cs (26) en

(30) PV 2001-3871 29 Oct/oct 2001 CZ (29.10.2001)

(30) PV 2002-3560 25 Oct/oct 2002 CZ (25.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SMALL CAPACITY WASTE WATER TREATMENT PLANT
• STATION DE TRAITEMENT DES EAUX USEES DE FAIBLE CAPACITE

(71, 72) **MACKRLE, Svatopluk** [CZ/CZ]; Pavlíkova 5, 602 00 Brno (CZ). **MACKRLE, Vladimír** [CZ/SK]; Mendvedovej 2700/21, 850 00 Bratislava-Petrzalka (SK). **DRACKA, Oldrich** [CZ/CZ]; Lipová 25, 602 00 Brno (CZ).

(74) **SMOLA, Josef**; Kania, Sedlák, Smola, Patent Agency, Mendlovo nám. 1a, 603 00 Brno (CZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C02F 9/00

(11) **WO 03/037806** (13) A1

(21) PCT/US02/34816

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/020,653 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR RECOVERY OF WASTE WATER
• PROCEDE ET DISPOSITIF DE RECOVERY D'EAUX USEES

(71) **EMI, LLC** [US/US]; P.O.Box 680882, Marietta, Georgia 30068-0015 (US).
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(72, 75) **ANDERSON, Harold Randolph** [US/US]; 12100 Garnett Drive, Clermont, Florida 34711 (US). **LEBEDIN, Jeffrey, Stuart** [US/US]; 450 Ridgewater Drive, Marietta, Georgia 30068 (US).

(74) **BERNSTEIN, Jason, A.**; Bernstein & Associates, P.C., 6600 Peachtree Dunwoody Road, N.E., Embassy Row 400, Suite 495, Atlanta, GA 30328-1649 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

- DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C03B 20/00
(11) WO 03/037807 (13) A1
(21) PCT/JP02/11104
(22) 25 Oct/oct 2002 (25.10.2002)
(25) ja (26) ja
(30) 2001-332699 30 Oct/oct 2001 JP
(30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • METHOD FOR PRODUCING SILICA
GLASS
• PROCEDE DE PRODUCTION DE
VERRE DE SILICE
- (71) NIPPON SHEET GLASS CO., LTD.
[JP/JP]; 7-28, Kitahama 4-chome, Chuo-ku,
Osaka-shi, Osaka 541-8559 (JP).
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les États désignés sauf US)*
- (71, 72) YOKO, Toshinobu [JP/JP]; c/o Institute
for Chemical Research, Kyoto Univer-
sity, Gokasho, Uji-shi, Kyoto 611-0011
(JP). UCHINO, Takashi [JP/JP]; 5-1-101,
Fukaekita-machi 1-chome, Higashinada-ku,
Kobe-shi, Hyogo 658-0013 (JP).
- (72, 75) SAKAGUCHI, Koichi [JP/JP]; c/o
NIPPON SHEET GLASS CO., LTD., 7-28,
Kitahama 4-chome, Chuo-ku, Osaka-shi,
Osaka 541-8559 (JP). SAKOH, Akifumi
[JP/JP]; c/o Institute for Chemical Research,
Kyoto University, Gokasho, Uji-shi, Kyoto
611-0011 (JP).
- (74) KOYAMA, Yuu; Shuwa kioicho TBR Bldg.
Suite 922, 5-7, Kojimachi, Chiyoda-ku,
Tokyo 102-0083 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C03B 37/014, 19/14
(11) WO 03/037808 (13) A1
(21) PCT/EP02/11278
(22) 9 Oct/oct 2002 (09.10.2002)
(25) de (26) de
(30) 101 52 328.9 26 Oct/oct 2001 DE
(26.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • METHOD FOR PRODUCING A TUBE
CONSISTING OF QUARTZ GLASS,
TUBULAR SEMI-FINISHED PRODUCT
CONSISTING OF POROUS QUARTZ
GLASS, AND THE USE OF THE SAME
• PROCEDE DE FABRICATION D'UN
TUBE EN VERRE DE SILICE,
SEMI-PRODUIT DE FORME TUBU-
LAIRE EN VERRE DE SILICE POREUX
ET SON UTILISATION
- (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) HUMBACH, Oliver [DE/DE]; An-
ton-Holz-Strasse 1, 48351 Ewerswinkel
(DE). GÄNSICKE, Frank [DE/DE]; An der
Etzweide 40a, 63607 Wächtersbach (DE).
KRUBER, Dirk [DE/DE]; Blumenauweg
29, 06120 Halle/Saale (DE). DIETRICH,
Marcus [DE/DE]; Unter den Weingärten,
63546 Hammersbach (DE). SATTMANN,
Ralph [DE/DE]; Corneliensstrasse 46, 63739
Aschaffenburg (DE).
- (74) STAUDT, Armin; Edith-Stein-Strasse 22,
63075 Offenbach/Main (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C03B 37/018
(11) WO 03/037809 (13) A1
(21) PCT/JP02/11408
(22) 31 Oct/oct 2002 (31.10.2002)
(25) ja (26) ja
(30) 2001-336570 1 Nov/nov 2001 JP
(01.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • METHOD FOR PRODUCING OPTICAL
FIBER BASE MATERIAL
• PROCEDE D'OBTENTION D'UN MA-
TERIAU DE BASE POUR FIBRE OPTI-
QUE
- (71) SUMITOMO ELECTRIC INDUSTRIES,
LTD. [JP/JP]; 5-33, Kitahama 4-chome,
Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) NAKAMURA, Motonori [JP/JP]; c/o
Yokohama Works of Sumitomo Electric
Industries, Ltd., 1, Taya-cho, Sakae-ku,
Yokohama-shi, Kanagawa 244-8588 (JP).
OOISHI, Toshihiro [JP/JP]; c/o Yokohama
Works of Sumitomo Electric Industries, Ltd.,
1, Taya-cho, Sakae-ku, Yokohama-shi, Kan-
gawa 244-8588 (JP). OHGA, Yuichi [JP/JP];
c/o Yokohama Works of Sumitomo Elec-
tric Industries, Ltd., 1, Taya-cho, Sakae-ku,
Yokohama-shi, Kanagawa 244-8588 (JP).
- (74) NAKANO, Minoru et al. / etc.; c/o Sumi-
tomo Electric Industries, Ltd., 1-3, Shimaya
1-chome, Konohana-ku, Osaka-shi, Osaka
554-0024 (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 C03B 37/018, 37/07
(11) WO 03/037810 (13) A1
(21) PCT/US02/30173
(22) 23 Sep/sep 2002 (23.09.2002)
(25) en (26) en
(30) 10/035,535 26 Oct/oct 2001 US
(26.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • METHODS AND APPARATUS FOR
FORMING A CHLORINE-DOPED OP-
TICAL WAVEGUIDE PREFORM
• PROCEDES ET APPAREIL DE FOR-
MATION D'UNE PREFORME DE
GUIDE D'ONDE OPTIQUE DOPEE
AU CHLORE
- (71) CORNING INCORPORATED [US/US]; 1
Riverfront Plaza, Corning, NY 14831 (US).
- (72) TANDON, Pushkar; 4 Briarcliff Drive,
Corning, NY 14830 (US). BOEK, Heather,
D.; 10308 Pine Shadow Trail, Corning, NY
14830 (US).
- (74) WAYLAND, Randall, S.; Corning Incorpo-
rated, Patent Department, SP-TI-3-1, Cor-
ning, NY 14831 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) EP (AT BE CH CY DE DK ES FIFR GB GR
IE IT LU MC NL PT SE TR).
-
- (51)⁷ C03B 37/018, 37/012
(11) WO 03/037811 (13) A1
(21) PCT/US02/30442
(22) 24 Sep/sep 2002 (24.09.2002)
(25) en (26) en
(30) 10/053,365 26 Oct/oct 2001 US
(26.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • METHODS AND APPARATUS FOR
PULSED DOPING OR DRYING A
SOOT PREFORM
• PROCEDES ET APPAREILS DE DO-
PAGE EN MODE PULSE OU DE SE-
CHAGE D'UNE PREFORME A BASE
DE SUIE
- (71) CORNING INCORPORATED [US/US]; 1
Riverfront Plaza, Corning, NY 14831 (US).
- (72) DAWES, Steven, B.; 4 E. Fourth Street,
Corning, NY 14830 (US). HAWTOF,
Daniel, W.; 10427 North Road, Corning,
NY 14830 (US). MURTAGH, Michael, T.;
65 Belaire Drive, Horseheads, NY 14845
(US). ROSETTIE, John, S.; 11288 Old
County Road, Corning, NY 14830 (US).
SCHERMERHORN, Andrew, P.; 222 West
William Street, Corning, NY 14830 (US).
SPROUL, Merrill, F.; 40 Antler Drive, Big
Flats, NY 14814 (US). STONE, John, III;
9199 Smith Road, Painted Post, NY 14870
(US). TANDON, Pushkar; 4 Briarcliff
Drive, Corning, NY 14830 (US).
- (74) WAYLAND, Randall, S.; Corning Incorpo-
rated, Patent Department, SP-TI-3-1, Cor-
ning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ C03B 37/027, 37/028

(11) WO 03/037812 (13) A1

(21) PCT/US02/34206

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 10/035,659 26 Oct/oct 2001 US (26.10.2001)

(30) 10/232,193 28 Aug/août 2002 US (28.08.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DIRECT BONDING OF GLASS ARTICLES FOR DRAWING

• LIAISON DIRECTE D'ARTICLES EN VERRE A ETIRER

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) BUCHANAN, Karl, H.; P.O. Box 12551, Wilmington, NC 28405 (US). COOK, Glen, B.; 4 Highland Drive, Corning, NY 14830 (US). DARCANGELO, Charles, M.; 121 Corning Blvd., Corning, NY 14830 (US). DAVIS, Ronald, W., Jr.; 3105 Butler Avenue, Horseheads, NY 14845 (US). GEDEON, Patrick; 2910 Woodsedge Drive, Painted Post, NY 14870 (US). GULATI, Suresh, T.; 49 Saddle Ridge Drive, Elmira Heights, NY 14903 (US). HARRIS, Michael, D.; 22 Hunters Run, Horseheads, NY 14845 (US). HOBCEK, Michael, P.; 504 Lyon Street, Elmira, NY 14904 (US). KING, Jeffery, M.; 169 Dwight Avenue, Corning, NY 14830 (US). SABIA, Robert; 3052 Goff Road, Corning, NY 14830 (US). SQUIER, Gary, G.; 42 Beaver Avenue, Beaver Dams, NY 14812 (US). STERLACE, B., Jean; 4045 Meads Creek Road, Painted Post, NY 14870 (US). VILENO, Elizabeth, M.; 2531 Morrcrest Drive, Corning, NY 14830 (US).

(74) ABLE, Kevin, M.; Corning Incorporated, Patent Department, SP TI 3-1, Corning, NY 14831 (US).

(81) CN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)⁷ C03C 3/247, G02B 1/00

(11) WO 03/037813 (13) A1

(21) PCT/JP02/11240

(22) 29 Oct/oct 2002 (29.10.2002)

(25) ja (26) ja

(30) 2001-332531 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • OPTICAL GLASS SUITABLE FOR MOLD FORMING

• VERRE OPTIQUE DESTINE A LA FORMATION DE MOULES

(71) SUMITA OPTICAL GLASS, INC. [JP/JP]; 4-7-25 Harigaya, Saitama-shi, Saitama 338-8565 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OTSUKA, Masaaki [JP/JP]; c/o Sumita Optical Glass, Inc., 4-7-25 Harigaya, Saitama-shi, Saitama 338-8565 (JP). SAWANOBORI, Naruhito [JP/JP]; c/o Sumita Optical Glass, Inc., 4-7-25 Harigaya, Saitama-shi, Saitama 338-8565 (JP). NAGAHAMA, Shinobu [JP/JP]; c/o Sumita Optical Glass, Inc., 4-7-25 Harigaya, Saitama-shi, Saitama 338-8565 (JP).

(74) HAGIWARA, Ryoichi et al. / etc.; Fres Akasaka Bldg., 9-29, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ C03C 25/00

(11) WO 03/037814 (13) A2

(21) PCT/US02/34810

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/003,529 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • COMPACT, HYBRID FIBER REINFORCED RODS FOR OPTICAL CABLE REINFORCEMENTS AND METHOD FOR MAKING SAME

• GAINES COMPACTES EN FIBRES HYBRIDES, DE RENFORT DE CABLES DE FIBRES OPTIQUES ET LEUR PROCEDE DE FABRICATION

(71) OWENS CORNING [US/US]; One Owens Corning Parkway, Toledo, OH 43659 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAGER, Thomas, P. [US/US]; 1109 Lake Point Drive, Westerville, OH 43082 (US). LEHMAN, Richard, N. [US/US]; 1795 Lakeview Drive, Newark, OH 43055 (US).

(74) DOTTAVIO, James, J. et al. / etc.; Owens Corning Science & Technology Center, 2790 Columbus Road, Building 54-1, Granville, OH 43023-1200 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C03C 25/32, C08J 5/24

(11) WO 03/037815 (13) A1

(21) PCT/CA02/01625

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/041,882 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • GLASS FIBER MATS

• MATS DE FIBRES DE VERRE

(71, 72) DESROSIERS, Ronald, P. [CA/CA]; 168 Oneida Place, Kitchener, Ontario N2A 3GA (CA). BERSCHT, Robert, M. [CA/CA]; 51 Centre Street, Elmira, Ontario N3B 2V5 (CA).

(74) SINGLEHURST, John, C.; Finlayson & Singlehurst, 70 Gloucester Street, Ottawa, Ontario K2P 0A2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C04B 7/345

(11) WO 03/037816 (13) A1

(21) PCT/US02/22849

(22) 17 Jul/juil 2002 (17.07.2002)

(25) en (26) en

(30) 09/907,867 18 Jul/juil 2001 US (18.07.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • RAPID HARDENING, ULTRA-HIGH EARLY STRENGTH PORTLAND-TYPE CEMENT COMPOSITIONS, NOVEL CLINKERS AND METHODS FOR THEIR MANUFACTURE

• COMPOSITIONS DE CIMENT DE TYPE PORTLAND A DURCISSEMENT RAPIDE ET A TRES HAUTE RESISTANCE INITIALE, NOUVEAUX CLINKERS ET PROCEDES DE FABRICATION DE CEUX-CI

(71, 72) KUNBARGI, Hassan [US/US]; 4791 Hermanson Circle, Huntington Beach, CA 92649 (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C04B 26/04, 26/28, E01C 5/00
(11) WO 03/037817 (13) A1
(21) PCT/GB02/03937
(22) 29 Aug/août 2002 (29.08.2002)
(25) en (26) en
(30) 0126344.1 2 Nov/nov 2001 GB (02.11.2001)
(30) 0219379.5 20 Aug/août 2002 GB (20.08.2002)
(43) 8 May/mai 2003 (08.05.2003)
(54) • IMPROVED BLOCK PAVING SAND
• SABLE AMELIORE POUR PAVAGE
(71, 72) LIDDY, John, Thomas [GB/GB]; 7 Belgrave Court, Bawtry, Doncaster, South Yorkshire DN10 6SA (GB). DARBY, Paul, Andrew [GB/GB]; 3 Patterdale Way, Amblecote, Brierley Hill, West Midlands DY5 3XJ (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C04B 33/28
(11) WO 03/037818 (13) A1
(21) PCT/US02/34559
(22) 28 Oct/oct 2002 (28.10.2002)
(25) en (26) en
(30) 10/003,795 31 Oct/oct 2001 US (31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • PROCESS FOR MANUFACTURING CERAMIC CASTS UTILIZING RUBBER MOLDS
• PROCEDE DE FABRICATION DE MOULAGE EN CERAMIQUE AU MOYEN DE MOULES EN CAOUCOU
(71, 72) ENGEL, George, F. [US/US]; 13615 Victory Boulevard, No. 223, Van Nuys, CA 91401 (US).
(74) ROZSA, Thomas, I. et al. / etc.; Rozsa & Chen LLP, Suite 1601, 15910 Ventura Blvd., Encino, CA 91436-2815 (US).
(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C04B 35/28
(11) WO 03/037819 (13) A2
(21) PCT/US02/34672
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 60/335,432 31 Oct/oct 2001 US (31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • SMALL CROSS-SECTION COMPOSITES OF LONGITUDINALLY ORIENTED FIBERS AND A THERMOPLASTIC RESIN AS CONCRETE REINFORCEMENT
• PETITS COMPOSITES A SECTION TRANSVERSALE DE FIBRES A ORIENTATION LONGITUDINALE ET RESINE THERMOPLASTIQUE UTILISEE DANS LE RENFORCEMENT DU BETON
(71) THE DOW CHEMICAL COMPANY [US/US]; 2030 Dow Center, Midland, MI 48674 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) PYZIK, Aleksander, J. [US/US]; 3012 Scarborough Lane, Midland, MI 48640 (US). EDWARDS, Christopher, Michael [GB/US]; 2613 Hearthstone Circle, Midland, MI 48642 (US). VANDERPOOL, David [US/US]; 312 Washington Street, Building 3, Suite 4, Wellesley Hills, MA 02481 (US).
(74) WILLIS, Reid, S.; 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 SG NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C04B 35/468, H01G 4/12, B32B 18/00
(11) WO 03/037820 (13) A1
(21) PCT/US02/33786
(22) 22 Oct/oct 2002 (22.10.2002)
(25) en (26) en
(30) 10/036,205 29 Oct/oct 2001 US (29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • HIGH DIELECTRIC CONSTANT VERY LOW FIRED X7R CERAMIC CAPACITOR, AND POWDER FOR MAKING
• CONDENSATEUR CERAMIQUE X7R TRES FAIBLEMENT CHAUFFE, A HAUTE CONSTANTE DIELECTRIQUE, ET POUDDRE DE FABRICATION ASSOCIEE
(71) MRA LABORATORIES, INC. [US/US]; 15 Print Works Drive, Adams, MA 01220 (US).
(72) MAHER, Galeb, H.; 34 Holly Lane, Williamstown, MA 01267 (US). MAHER, Samir; 34 Holly Lane, Williamstown, MA 01267 (US).
(74) COLBURN, Philmore, H., II; 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C04B 35/584
(11) WO 03/037821 (13) A1
(21) PCT/JP01/09485
(22) 29 Oct/oct 2001 (29.10.2001)
(25) ja (26) ja
(43) 8 May/mai 2003 (08.05.2003)
(54) • BODY OF VALVE FOR ADJUSTING FLOW RATE OF HOT GAS AND METHOD FOR PREPARING THE SAME
• CORPS DE SOUPAPE DE REGLAGE DE DEBIT POUR GAZ CHAUDS, ET SON PROCEDE DE PREPARATION
(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, Shintomi, Futtu-shi, Chiba 293-8511 (JP). NOSE, Tetsuro [JP/JP]; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtu-shi, Chiba 293-8511 (JP). TSUYUKI, Akira [JP/JP]; C/O NIPPON STEEL CORPORATION KIMITSU WORKS, 1, Kimitsu, Kimitsu-shi, Chiba 299-1193 (JP).
(74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).
(81) AU BR CA CN KR US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ C04B 41/49
(11) WO 03/037822 (13) A1
(21) PCT/US02/28333
(22) 6 Sep/sep 2002 (06.09.2002)
(25) en (26) en
(30) 10/001,079 30 Oct/oct 2001 US (30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)

(54) • STAIN RESISTANT TREATMENT FOR POROUS SUBSTRATES

• TRAITEMENT DE RESISTANCE AUX TACHES POUR SUBSTRATS POREUX

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) CHEN, Yen-Lane; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) RHODES, Kevin H. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C04B 41/90, 37/00, 37/02

(11) WO 03/037823 (13) A1

(21) PCT/FR02/03656

(22) 24 Oct/oct 2002 (24.10.2002)

(25) fr (26) fr

(30) 01/13962 29 Oct/oct 2001 FR (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METALLIZATION AND/OR BRAZING METHOD, USING A SILICON ALLOY, FOR OXIDE CERAMIC PARTS WHICH ARE NON-WETTABLE BY SAID ALLOY

• PROCEDE DE METALLISATION ET/OU DE BRASAGE PAR UN ALLIAGE DE SILICIUM DE PIECES EN CERAMIQUE OXYDE NON MOUILLABLE PAR LEDIT ALLIAGE

(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) CHAUMAT, Valérie [FR/FR]; Les Côteaux de Lourmes, F-38760 Saint Paul de Varcis (FR). PAGANO, Carole [FR/FR]; 116, allée des Semaises, F-38330 Saint-Ismier (FR).

(74) LEHU, Jean; Brevatome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)⁷ C05B 5/00

(11) WO 03/037824 (13) A1

(21) PCT/JP02/11133

(22) 28 Oct/oct 2002 (28.10.2002)

(25) ja (26) ja

(30) 2001-335351 31 Oct/oct 2001 JP (31.10.2001)

(30) 2001-374817 7 Dec/déc 2001 JP (07.12.2001)

(30) 2002-241161 21 Aug/août 2002 JP (21.08.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • RAW MATERIAL FOR SILICATE PHOSPHATE FERTILIZER AND METHOD FOR PRODUCTION THEREOF

• MATIERE PREMIERE POUR FERTILISANT DE PHOSPHATE DE SILICATE ET SON PROCEDE DE PRODUCTION

(71) NKK CORPORATION [JP/JP]; 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(72) YAO, Yasuko; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). WATANABE, Keiji; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). TAKAHASHI, Tatsuhito; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). INOUE, Shigeru; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(74) NAKAHAMA, Yasumitsu; c/o Intellectual Property Dept., NKK Corporation, 1-1, Minamiwatarida-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0855 (JP).

(81) BR CN IN KR.

(51)⁷ C05D 3/04

(11) WO 03/037825 (13) A1

(21) PCT/JP02/11281

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ja (26) ja

(30) 2001-334127 31 Oct/oct 2001 JP (31.10.2001)

(30) 2002-241146 21 Aug/août 2002 JP (21.08.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • RAW MATERIAL FOR SILICATE FERTILIZER AND METHOD FOR PRODUCTION THEREOF

• MATIERE PREMIERE POUR FERTILISANT SILICATE ET PROCEDE DE PRODUCTION

(71) NKK CORPORATION [JP/JP]; 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). KOKAN MINING COMPANY, LTD. [JP/JP]; 15-1, Konan 2-chome, Minato-ku, Tokyo 108-6031 (JP).

(72) YAO, Yasuko; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). WATANABE, Keiji; c/o NKK Corporation, 1-2, Marunouchi

1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). ISOO, Tsuneo; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). TAKAHASHI, Tatsuhito; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). INOUE, Shigeru; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). YAMASE, Osamu; c/o Kokan Mining Company, Ltd., 15-1, Konan 2-chome, Minato-ku, Tokyo 108-6031 (JP).

(74) TOMABECHI, Masatoshi; Sugie Building 9th Fl., 17-4, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).

(81) BR CN IN JP KR.

(51)⁷ C05F 3/00, 11/00

(11) WO 03/037826 (13) A1

(21) PCT/GB02/04983

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 0126388.8 2 Nov/nov 2001 GB (02.11.2001)

(30) 0219984.2 28 Aug/août 2002 GB (28.08.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FERTILISER

• FERTILISANT

(71) I.T.E. SERVICES LIMITED [GB/GB]; 1st Floor, Exchange House, 54-58 Athol Street, Douglas, Isle of Man IM1 1JD (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SILVESTRI, Robert [FR/FR]; 26, rue Victor Hugo, F-94220 Charenton-le-Pont (FR). PITOURE, Robert [CA/CA]; 1753153 Avenue NW, Edmonton (CA). LLAU, Paul [FR/FR]; 3, Chemin de Moulin Blanc, F-31180 Caltel Maurou (FR). CHAMPOL, Didier [FR/FR]; "Soubiran", 158, route Gratsens, F-31370 Berat (FR).

(74) WILLIAMS, Paul, Edwin et al. / etc.; Ablett & Stebbing, Caparo House, 101-103 Baker Street, London W1U 6FQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C05F 7/00, 9/00, C05G 1/00, C05F 11/00

(11) WO 03/037827 (13) A1

(21) PCT/IB02/04434

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 2001/9082 2 Nov/nov 2001 ZA (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • A PROCESS FOR DEODORIZING AND DISINFECTING A BIOORGANIC MATERIAL
- PROCEDE DE DESODORISATION ET DE DESINFECTION DE MATERIAU BIOORGANIQUE
- (71) OLIVER & JANN (PTY) LTD [ZA/ZA]; Mutual Gardens, Surprise Road, 3610 Pinetown (ZA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OLIVER, Michael, John, Basil [ZA/ZA]; 10 Kloof Road, Cowies Hill, 3610 Pinetown (ZA). CARSKY, Milan [ZA/ZA]; 4 Wagtail Place, 3610 PINETOWN (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C05G 1/00 // C05C 13/00, C05D 1/00
- (11) WO 03/037828 (13) A1
- (21) PCT/RU02/00466
- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) ru (26) ru
- (30) 2001129101 29 Oct/oct 2001 RU (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • LIQUID NITROGEN-POTASH FERTILISER
- ENGRAIS LIQUIDE A BASE D'AZOTE ET DE POTASSIUM
- (71, 72) SEREBRYAKOV, Alexander Ivanovich [RU/RU]; d. Palitsy, d. 76, Odintsovskiy rayon, Moskovskaya obl., 143031 (RU). DUKHANIN, Vladimir Fedorovich [RU/RU]; Bulvar Mira, d.30, kv. 20, Nevinnomyssk, Stavropolskogo kraja, 357030 (RU).
- (74) PATENT LAW FIRM "YUS"; a/ya 184, Moscow, 125009 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 43/06
- (11) WO 03/037830 (13) A2
- (21) PCT/FR02/03632
- (22) 23 Oct/oct 2002 (23.10.2002)
- (25) fr (26) fr
- (30) 0113970 29 Oct/oct 2001 FR (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PHOTOACTIVATABLE COMPOSITION AND THE USE OF SAME
- COMPOSITION PHOTOACTIVABLE ET UTILISATIONS
- (71) L'OREAL [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VIC, Gabin [FR/FR]; 12 rue Rhin et Danube, F-60200 Compiègne (FR). LIVOREIL, Aude [FR/FR]; 16, rue Dragon, F-75006 Paris (FR).
- (74) BUREAU D.A. CASALONGA-JOSSE; 8, Avenue Percier, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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
- (11) WO 03/037831 (13) A2
- (21) PCT/KR02/01181
- (22) 21 Jun/juin 2002 (21.06.2002)
- (25) en (26) en
- (30) 2001/67382 31 Oct/oct 2001 KR (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR PREPARING 4-NITROSO-SUBSTITUTED AROMATIC AMINE
- PROCEDE DE PREPARATION D'UNE AMINE AROMATIQUE SUBSTITUEE PAR 4-NITROSO
- (71) KOREA KUMHO PETROCHEMICAL CO., LTD. [KR/KR]; 57, Shinmunro 1-ga, Chongno-gu, Seoul 110-061 (KR).
- (72) JOO, Young-J.; 102-701 Daerim Doore Apt., 152, Shinsung-dong, Yousung-gu, Daejeon-city 305-345 (KR). KIM, Jin-Eok; 105-102 Daerim Doore Apt., 152, Shinsung-dong, Yousung-gu, Daejeon-city 305-345 (KR). WON, Jeong-Im; 101-307 Daerim Doore Apt., 152, Shinsung-dong, Yousung-gu, Daejeon-city 305-345 (KR).
- (74) KIM, Nung-Kyun; K.N.K. International Patent Office, 6Fl., Taegun Bldg., Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).
- (81) AU BR CA CN CZ HU JP PL RU SK UA.
- (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 C07C
- (11) WO 03/037832 (13) A2
- (21) PCT/US02/35061
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 60/339,923 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • VAPOR PHASE PRODUCTION OF 1,1,1,2,3,3,3-HEPTAFLUOROPROPANE FROM HYDROGEN FLUORIDE AND HEXAFLUOROPROPYLENE
- PRODUCTION EN PHASE GAZEUSE DE 1,1,1,2,3,3,3-HEPTAFLUOROPROPANE A PARTIR DE FLUORURE D'HYDROGENE ET D'HEXAFLUOROPROPYLENE
- (71) E. I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) MILLER, Ralph, Newton; 39 Hillstream Road, Newark, DE 19711 (US). NAPPA, Mario, J.; 3 Oakridge Court, Newark, DE 19711 (US). TOTON, Donald, J.; 15 Andover Court, New Castle, DE 19720 (US).

(74) SHIPLEY, James, E. et al. / etc.; E.I. Du Pont De Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) CN DE ES GB.

(84) 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 C07C 1/00

(11) WO 03/037833 (13) A1

(21) PCT/IB01/02057

(22) 2 Nov/nov 2001 (02.11.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • EXTRACTION OF LUTEIN FROM MARIGOLD MEAL

• EXTRACTION DE LA LUTEINE A PARTIR DE LA FARINE DE SOUCI

(71) SOBHANADRI, Jonnalagadda [IN/IN]; Plot No. 8, Prashasan Nagar, Road No.72, Jubilee Hills, 500 033 Hyderabad (IN).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) RAO, Jonnalagadda, Raghunath [IN/IN]; 49C, Road No.10, Film Nagar, Jubilee Hills, 500 003 Hyderabad (IN). REDDY, Gopu, Bala, Show [IN/IN]; 49C, Road No.10, Film Nagar, Jubilee Hills, 500 003 Hyderabad (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 1/20, 11/02

(11) WO 03/037834 (13) A1

(21) PCT/US02/24371

(22) 31 Jul/juil 2002 (31.07.2002)

(25) en (26) en

(30) 10/020,732 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HEAT RECOVERY IN AN OLEFIN PRODUCTION PROCESS

• RECUPERATION DE LA CHALEUR DANS UN PROCESSUS DE PRODUCTION D'OLEFINES

(71) EXXONMOBIL CHEMICAL PATENTS INC. [US/US]; 5200 Bayway Drive, Baytown, TX 77520-2101 (US).

(72) LUMGAIR, David, R., Jr.; 33040 Boston Road, Craddockville, VA 23341-0064 (US).

BEECH, James, H.; 3103 Willow Wood Trail, Kingwood, TX 77345 (US).

(74) LAVOIE, Paul, T.; 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 SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C07C 7/00

(11) WO 03/037835 (13) A2

(21) PCT/EP02/12239

(22) 2 Nov/nov 2002 (02.11.2002)

(25) de (26) de

(30) 101 55 281.5 2 Nov/nov 2001 DE (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR ELIMINATING POLARIZABLE IMPURITIES FROM HYDROCARBONS AND HYDROCARBON MIXTURES

• PROCÉDE D'ÉLIMINATION D'IMPURETÉS POLARISABLES CONTENUES DANS DES HYDROCARBURES ET MÉLANGES D'HYDROCARBURES

(71) SOLVENT INNOVATION GMBH [DE/DE]; Dr. Claus Hilgers, Alarichstr. 14-16, 50679 Köln (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WASSERSCHIED, Peter [DE/DE]; Grevenbroicher Str. 2, 50829 Köln (DE). BÖSMANN, Andreas [DE/DE]; Düppelstr. 118, 52068 Aachen (DE). JESS, Andreas

[DE/DE]; Schlosshof Birken 10, 95447 Bayreuth (DE). DATSEVITCH, Leonid [DE/DE]; Burgstr. 49, 50226 Frechen (DE). SCHMITZ, Christoph [DE/DE]; Bürgerreutherstr. 11, 95444 Bayreuth (DE). LAUTER, Andrea [DE/DE]; In den Hessel 24, 51519 Odenthal/Voiskwinkel (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 TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 13/567, 15/60, 43/168, 43/215, 255/33, C09K 11/06, H05B 33/14, 33/22

(11) WO 03/037836 (13) A1

(21) PCT/JP02/11192

(22) 29 Oct/oct 2002 (29.10.2002)

(25) ja (26) ja

(30) 2001/334324 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NOVEL SOLUBLE COMPOUND AND ORGANIC ELECTROLUMINESCENT DEVICES

• NOUVEAU COMPOSE SOLUBLE ET DISPOSITIFS ORGANIQUES ELECTROLUMINESCENTS

(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) HOSOKAWA, Chishio [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). FUNAHASHI, Masakazu [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). IKEDA, Hidetsugu [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP).

(74) OHTANI, Tamotsu et al. / etc.; Bridge-stone Toranomom BLDG., 6F., 25-2, Toranomom 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 IE IT LU MC NL PT SE SK TR).

(51)⁷ C07C 43/11, 305/10, C08G 65/00, B01D 17/00, C11D 1/72, 1/29

(11) WO 03/037837 (13) A2

(21) PCT/US02/33672

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 60/350,174 26 Oct/oct 2001 US (26.10.2001)

(30) 60/366,377 20 Mar/mar 2002 US (20.03.2002)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • DI-SUBSTITUTED SURFACTANT PRECURSORS AND DERIVED SURFACTANTS
• PRECURSEURS DE TENSIOACTIFS DISUBSTITUES ET TENSIOACTIFS OBTENUS
- (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) TUCKER, Christopher, J. [US/US]; 5406 Wanctah, Midland, MI 48640 (US).
KALANTAR, Thomas, H. [US/US]; 1827 Eastlawn, H-11, Midland, MI 48642 (US).
KUMAR, Promod [IN/US]; 5109 Grandview Circle, Midland, MI 48640 (US).
STRANDBURG, Gary, M. [US/US]; 2256 West Wing Road, Mount Pleasant, MI 48858 (US).
- (74) KARADZIC, Dragan, J.; The Dow Chemical Company, Intellectual Property, P.O.Box 1967, Midland, MI 48641-1967 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 43/17, 41/24, C08L 29/10, C08F 216/12, G02B 6/00
- (11) WO 03/037838 (13) A1
- (21) PCT/JP02/11311
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) ja (26) ja
- (30) 2001/334352 31 Oct/oct 2001 JP (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • FLUORINE-CONTAINING DIENE COMPOUNDS, FLUOROPOLYMERS AND PROCESSES FOR PRODUCTION OF BOTH
• COMPOSES DE DIENE FLUORES, FLUOROPOLYMERES, ET LEURS PROCÉDES DE PRODUCTION
- (71) ASAHI GLASS COMPANY, LIMITED [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8405 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KASHIWAGI, Kimiaki [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP).
OGAWA, Gen [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP).
OKAZOE, Takashi [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP).
WATANABE, Kunio [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP).
MUROTANI, Eisuke [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP).
OHARU, Kazuya [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP).
- (74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 45/53, 49/403, 29/132, C07B 41/02, 41/06
- (11) WO 03/037839 (13) A2
- (21) PCT/FR02/03713
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) fr (26) fr
- (30) 01/14038 30 Oct/oct 2001 FR (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR CATALYTIC DECOMPOSITION OF ORGANIC HYDROPEROXIDES
• PROCÉDE DE DECOMPOSITION CATALYTIQUE DES HYDROPEROXYDES ORGANIQUES
- (71) RHODIA POLYAMIDE INTERMEDIATES [FR/FR]; Avenue Ramboz, BP 33, F-69192 Saint-Fons (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BONNET, Didier [FR/FR]; 45, boulevard des Canuts, F-69004 Lyon (FR).
FACHE, Eric [FR/FR]; 33 A, chemin des Petites Brosse, F-69300 Caluire (FR).
SEIGNEURIN, Aline [FR/FR]; 1, quare Copernic, Résidence Iéna, F-78150 Le Chesnay (FR).
- (74) ESSON, Jean-Pierre; Centre de Recherches de Lyon, Direction de la Propriété Industrielle, 85, rue des Frères Perret, F-69190 Saint Fons (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 45/78, 45/79, 49/697
- (11) WO 03/037840 (13) A1
- (21) PCT/US02/30567
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en
- (30) 60/335,429 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PROCESS FOR THE PREPARATION OF OPTICALLY PURE OR ENRICHED RACEMIC TETRALONE
• PROCÉDE DE PREPARATION DE TETRALONE RACÉMIQUE ENRICHIE OU OPTIQUÉMENT PURE
- (71) PFIZER PRODUCTS INC. [US/US]; Easter Point Road, Groton, CT 06340 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BERGER, Laurent [FR/FR]; Castel Fleuri, Le Bourg, F-42131 La Valla en Gier (FR).
DUVAL, Raphael [FR/FR]; Avenue de l'Amiral Grasset, F-76330 Notre Dame de Gravenchon (FR).
TAILLASSON, Philippe [FR/FR]; Rue Traversière, F-69440 Saint Laurent d'Agny (FR).
WEBER, Ingo [FR/FR]; 55, rue de Professeur Rochoix, Résidence le Sienna, F 69003 Lyon (FR).
WICK, Alexander [FR/FR]; 10, boulevard des Plants, F-78860 Saint Nom la Breteche (FR).
- (74) RICHARDS, John et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 49/35, 49/587, C07D 313/00, A61K 7/46
- (11) WO 03/037841 (13) A1
- (21) PCT/EP02/11471
- (22) 14 Oct/oct 2002 (14.10.2002)
- (25) de (26) de
- (30) 101 52 990.2 26 Oct/oct 2001 DE (26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MIXTURES FOR USE AS MUSK FRAGRANCE
• MÉLANGES SERVANT DE PARFUM DE MUSC
- (71) HAARMANN & REIMER GMBH [DE/DE]; Mühlenfeldstr. 1, 37603 Holzminden (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FINKE, Anja [DE/DE]; Limkereecke 9, 37603 Holzminden (DE).
SONNENBERG,

Steffen [DE/DE]; Weissdornweg 10, 37603 Holzminden (DE).

(74) **ZOBEL, Manfred**; c/o Bayer Aktiengesellschaft, 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C07C 67/14, 67/58, 69/708, 41/26, 43/178

(11) WO 03/037842 (13) A1

(21) PCT/JP02/11462

(22) 1 Nov/nov 2002 (01.11.2002)

(25) ja (26) ja

(30) 2001-338076 2 Nov/nov 2001 JP (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PROCESS FOR PRODUCING PURIFIED FLUORINE COMPOUND

• PROCÉDÉ DE PRODUCTION D'UN COMPOSÉ FLUORÉ PURIFIÉ

(71) **ASAHI GLASS COMPANY, LIMITED** [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8405 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IWAYA, Masao** [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). **OKAMOTO, Hidekazu** [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). **OHARU, Kazuya** [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP).

(74) **SENMYO, Kenji** et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN

MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 209/00

(11) WO 03/037843 (13) A2

(21) PCT/US02/34400

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 10/020,488 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PREPARATION OF AMPHETAMINES FROM PHENYLPROPANOLAMINES

• PREPARATION D'AMPHETAMINES A PARTIR DE PHENYLPROPANOLAMINES

(71) **BOEHRINGER INGELHEIM CHEMICALS, INC.** [US/US]; 2820 North Normandy Drive, P.O. Box 1658, Petersburg, VA 23805 (US).

(72) **BOSWELL, Robert, Frederick**; Boehringer Ingelheim Chemicals, Inc., 2820 North Normandy Drive, Petersburg, VA 23805 (US). **LO, Young, Sek**; Boehringer Ingelheim Chemicals, Inc., 2820 North Normandy Drive, Petersburg, VA 23805 (US).

(74) **RAYMOND, Robert, P.** et al. / etc.; Boehringer Ingelheim Corporation, 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 209/10

(11) WO 03/037844 (13) A1

(21) PCT/EP02/11942

(22) 25 Oct/oct 2002 (25.10.2002)

(25) de (26) de

(30) 101 53 450.7 30 Oct/oct 2001 DE (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR THE PRODUCTION OF ARYLAMINES

• PROCÉDÉ DE PRÉPARATION D'ARYLAMINES

(71) **COVION ORGANIC SEMICONDUCTORS GMBH** [DE/DE]; 65926 Frankfurt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STÖSSEL, Philipp** [DE/DE]; Hortensien-Ring 17, 65929 Frankfurt (DE). **SPREITZER, Hubert** [DE/DE]; Bruno-Taut-Strasse 20, 68519 Viernheim (DE). **BECKER, Heinrich** [DE/DE]; Zum Talblick 30, 61479 Glashütten (DE).

(74) **DÖRR, Klaus** et al. / etc.; Industriepark Höchst, Gebäude F 821, 65926 Frankfurt (DE).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ C07C 215/10, A61K 31/133

(11) WO 03/037845 (13) A1

(21) PCT/KR01/01838

(22) 31 Oct/oct 2001 (31.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • COMPOSITIONS FOR TREATING ACNE COMPRISING PHYTANDIOL AMINE

• COMPOSITIONS DESTINÉES AU TRAITEMENT DE L'ACNE COMPRENANT UNE PHYTANDIOLAMINE

(71) **COREANA COSMETICS CO., LTD.** [KR/KR]; 204-1, Jeongchon-ri, Sunggeo-eup, Chungcheongnam-do, Cheonan-shi 330-833 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEE, Jung-No** [KR/KR]; 224, Beonam-ri, Jochiwon-eup, Yeongi-gun, Chungcheongnam-do 339-804 (KR). **KIM, Hyeong-Bae** [KR/KR]; 305-1202 Hyangchon Apartment, 905, Sinbang-dong, Chungcheongnam-do, Cheonan-shi 330-769 (KR). **JEONG, Jee-Hean** [KR/KR]; 102-302 Daedong Villa, Maetan 2-dong, Paldal-gu, Kyonggi-do, Suwon-shi 442-372 (KR). **JO, Byong-Kee** [KR/KR]; 1102, Buheung-dong, Dongan-gu, Kyonggi-do, Anyang-shi 431-816 (KR).

(74) **SESHIN PATENT & LAW FIRM**; 8th Fl., KFSB Bldg., 16-2 Yeocudo-dong, Yeongdeungpo-gu, Seoul 150-010 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ C07C 227/16, 229/52, B41M 5/30

(11) WO 03/037846 (13) A1

(21) PCT/EP02/11647

(22) 17 Oct/oct 2002 (17.10.2002)

(25) en (26) en

- (30) 01811051.0 **26 Oct/oct 2001** EP
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PRODUCTION OF KETO ACIDS
• PRODUCTION D'ACIDES-CETONES
- (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) CAMPBELL, Jonathan [GB/GB]; 1 Wainwright Close, Saddleworth, Oldham, OL4 4RB (GB). HENSHALL, John, Barry [GB/GB]; 61 Queens Road, Urmston, Manchester M41 9HF (GB). TAYLOR, James, Philip [GB/GB]; 61 Oxford Road, Macclesfield, Cheshire SK11 8JE (GB). WHITWORTH, John [GB/GB]; 4 Rivington Grove, Audenshaw, Manchester M34 5GG (GB).
- (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 233/73, 233/77, 233/87, 235/46, C07D 271/02, 319/08, A61K 31/165, 31/33, A61P 3/00
- (11) WO 03/037847 (13) A1
- (21) PCT/EP02/12170
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 0126292.2 **1 Nov/nov 2001** GB
(01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • BENZAMIDE DERIVATIVES AS ANTAGONISTS OF OREXIN RECEPTORS
• DERIVES DE BENZAMIDE UTILISES COMME ANTAGONISTES DES RECEPTEURS DE L'OREXINE
- (71) SMITHKLINE BEECHAM P.L.C. [GB/GB]; 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHAN, Wai, Ngor [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). JOHNS, Amanda [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). PORTER, Roderick, Alan [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). STEAD, Rachel, Elizabeth, Anne [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). VIMAL, Mythily [LK/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).
- (74) RUTTER, Keith; GlaxoSmithKline, Corporate Intellectual Property CN925.1, 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 253/04, 255/50
- (11) WO 03/037848 (13) A1
- (21) PCT/EP02/12008
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) de (26) de
- (30) 01125852.2 **30 Oct/oct 2001** EP
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR THE PRODUCTION OF BIPHENYL-4-CARBONITRILE
• PROCEDE DE PRODUCTION DE BIPHENYL-4-CARBONITRILE
- (71) LONZA AG [CH/CH]; Münchensteinerstrasse 38, CH-4002 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARTEK, Johannes [AT/CH]; Bärenstrasse 8a, CH-3930 Visp (CH). WILLA, Pascal [CH/CH]; Niedergampelstrasse, CH-3945 Gampel (CH).
- (74) LONZA AG; Münchensteinerstrasse 38, CH-4052 Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- ES FI FR GB GR IE IT 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 C07C 281/06, C09D 5/04
- (11) WO 03/037849 (13) A2
- (21) PCT/EP02/11715
- (22) 18 Oct/oct 2002 (18.10.2002)
- (25) en (26) en
- (30) 01204060.6 **26 Oct/oct 2001** EP
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ACICULAR CRYSTALS OF HYDRAZINE-BASED DIUREA DERIVATIVES AND THEIR USE AS RHEOLOGY MODIFIERS IN COATING AND ADHESIVE COMPOSITIONS
• CRISTAUX ACICULAIRES DE DERIVES DE DIUREE A BASE D'HYDRAZINE ET LEUR UTILISATION COMME MODIFICATEURS RHEOLOGIQUES DANS DES COMPOSITIONS DE REVETEMENT ET D'ADHESIFS
- (71) AKZO NOBEL N.V. [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).
- (72) BRINKHUIS, Richard, Hendrikus, Gerrit; Groot Wezenland 33, NL-8011 JX Zwolle (NL). ELFRINK, Petrus, Johannes, Maria, David; Tapuit 14, NL-5813 PZ Boxmeer (NL).
- (74) SCHALKWIJK, Pieter, Cornelis; Akzo Nobel N.V., Intellectual Property Department (Dept. AIP), P.O. Box 9300, NL-6800 SB Arnhem (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 303/44, 311/39
- (11) WO 03/037850 (13) A1
- (21) PCT/NL02/00657
- (22) 15 Oct/oct 2002 (15.10.2002)
- (25) en (26) en
- (30) 60/330,817 **31 Oct/oct 2001** US
(31.10.2001)
- (30) 10/208,009 **31 Jul/juil 2002** US
(31.07.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PROCESS FOR RESOLUTION OF TAMSULOSIN
• PROCEDE DE RESOLUTION DE LA TAMSULOSINE
- (71) SYNTHON B.V. [NL/NL]; Microweg 22, NL-6545 CM Nijmegen (NL).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **HOORN, Hans, Jan** [NL/NL]; Tolhuis 62-46, NL-6537 TG Nijmegen (NL). **PETERS, Theodorus, Hendricus, Antonius** [NL/NL]; G.A. van Nispenstraat 22, NL-6814 JB Arnhem (NL). **PIS, Jaroslav** [CZ/CZ]; Oravska 3, CZ-100 00 Praha 10 (CZ). **SCIGEL, Radim** [CZ/CZ]; Biskupcova 66, CZ-130 00 Praha 3 (CZ).
- (74) **PRINS, Hendrik, Willem**; 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 303/44, 217/54, 311/39
- (11) WO 03/037851 (13) A1
- (21) PCT/NL02/00660
- (22) 17 Oct/oct 2002 (17.10.2002)
- (25) en (26) en
- (30) 60/330,817 31 Oct/oct 2001 US (31.10.2001)
- (30) 10/208,009 31 Jul/juil 2002 US (31.07.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • RACEMIC TAMSULOSIN FREE BASE AND METHODS OF MAKING THE SAME
- BASE LIBRE DE TAMSULOSINE RACEMIQUE ET SES PROCÉDES DE PRÉPARATION
- (71) **SYNTHON B.V.** [NL/NL]; Microweg 22, NL-6545 CM Nijmegen (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOORN, Hans, Jan** [NL/NL]; Tolhuis 62-46, NL-6537 TG Nijmegen (NL). **PETERS, Theodorus, Hendricus, Antonius** [NL/NL]; G.A. van Nispenstraat 22, NL-6814 JB Arnhem (NL). **PIS, Jaroslav** [CZ/CZ]; Oravska 3, CZ-100 00 Praha 10 (CZ).
- (74) **PRINS, Hendrik, Willem**; 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 311/29, C07D 279/12, 243/14, A61K 31/48, 31/54, 31/5513, A61P 19/02, C07C 309/87
- (11) WO 03/037852 (13) A1
- (21) PCT/US02/34904
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 60/336,050 1 Nov/nov 2001 US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ALLENIC ARYL SULFONAMIDE HYDROXAMIC ACIDS AS MATRIX METALLOPROTEINASE AND TACE INHIBITORS
- ACIDES ALLENE ARYL SULFONAMIDE HYDROXAMIQUES EN TANT QU'INHIBITEURS DE METALLOPROTEINASE DE MATRICE ET DE TACE
- (71) **WYETH HOLDINGS CORPORATION** [US/US]; Five Giralda Farms, Madison, NJ 07940-0874 (US).
- (72) **SANDANAYAKA, Vincent, Premaratna**; 10 Laurel Avenue, Northboro, MA 01532 (US). **DELOS SANTOS, Efrén, Guillermo**; 38 Birchwood Terrace, Nanuet, NY 10954 (US).
- (74) **MORAN, Daniel, B.**; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940-0874 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C07C 317/44, 323/60, C07D 207/40, 211/88, 231/54, 277/26, 295/18, 333/18, 417/06, A61K 31/165, A61P 1/14, 9/10, 25/16, 25/18, 25/28
- (11) WO 03/037853 (13) A1
- (21) PCT/US02/34188
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) en (26) en
- (30) 10/014,645 26 Oct/oct 2001 US (26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SUBSTITUTED THIOACETAMIDES
- THIOACETAMIDES SUBSTITUES
- (71) **CEPHALON, INC.** [US/US]; 145 Brandywine Parkway, West Chester, PA 19380 (US).
- (72) **BACON, Edward, R.**; 1006 Skyline Circle, Audubon, PA 19403 (US). **CHATTERJEE, Sankar**; 1375 West Indian Creek Drive, Wynnewood, PA 19096 (US). **DUNN, Derek**; 122 Autumn Trail, Coatesville, PA 19320 (US). **MALLAMO, John, P.**; 98 MacLeod Pond Road, Glenmoore, PA 19343 (US). **MILLER, Matthew, S.**; 2120 Dawn Lane, Newtown, PA 18940 (US). **TRIPATHY, Rabindranath**; 130 Cambridge Road, Landenberg, PA 19350 (US). **VAUGHT, Jeffrey, L.**; 206 Kathleen Way, Glenmoore, PA 19343 (US).
- (74) **MILLER, Suzanne, E.** et al. / etc.; Woodcock Washburn LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declaration / Déclaration :
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- (51)⁷ C07C 319/14
- (11) WO 03/037854 (13) A1
- (21) PCT/KR02/02025
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) ko (26) en
- (30) 2001/67305 31 Oct/oct 2001 KR (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD OF PREPARING 4-CHLORO-3-METHYL-2-BUTENYLPHENYL SULFIDE, DI(4-CHLORO-3-METHYL-2-BUTENYL)SULFIDE AND DI(4-CHLORO-3-METHYL-2-BUTENYL)SULFONE FOR SYNTHESIS OF NATURAL CAROTENOID PRODUCTS
- PROCÉDE DE PRÉPARATION DE 4-CHLORO-3-METHYL-2-BUTENYLPHENYL SULFURE, DE DI(4-CHLORO-3-METHYL-2-BUTENYL)SULFURE, ET DE DI(4-CHLORO-3-METHYL-2-BUTENYL)SULFONE POUR LA SYNTHÈSE DE CAROTÉNOÏDES NATURELS
- (71) **SK CORPORATION** [KR/KR]; 99, Seorindong, Jongro-ku, 110-110 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **KOO, Sangho** [KR/KR]; 7-702, Sun-Kyung Apt., Daechi-dong, Kangnam-gu, 135-836 Seoul (KR).
- (72, 75) **YANG, Jae-Deuk** [KR/KR]; 486-554, Suyu-1dong, Gangbuk-gu, 142-875 Seoul (KR). **KIM, Jeong-Soo** [KR/KR]; 106-608, Sejong Apt., Jeonmin-dong, Yuseong-gu, 305-728 Daejeon (KR). **LEE, Sijoon** [KR/KR]; 108-1002, Sejong Apt., Jeonmin-dong, Yuseong-gu, 305-728 Daejeon (KR). **PARK, Minsoo** [KR/KR]; 102, Hanul Juteak, 458-4, Jeonmin-dong, Yuseong-gu, 305-810 Daejeon (KR).
- (74) **CHUNG-UN PATENT & LAW FIRM**; 2nd Fl., Changsang Bldg., 1543-12, Seocho 3-dong, Seocho-gu, 137-872 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07C 327/06, 327/16, C07D 307/24

(11) WO 03/037855 (13) A1

(21) PCT/JP02/11342

(22) 31 Oct/oct 2002 (31.10.2002)

(25) ja (26) ja

(30) 2001/337733 2 Nov/nov 2001 JP (02.11.2001)

(30) 2001/346079 12 Nov/nov 2001 JP (12.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PROCESS FOR PRODUCING THIO-CARBOXYLIC ACID OR SALT THEREOF, METHOD OF DETERMINING OPTICAL PURITY OF THESE, AND TETRAHYDROFURANTHIO-CARBOXYLIC ACID OR DERIVATIVE THEREOF

• PROCESSUS DE PRODUCTION D'ACIDE THIOCARBOXYLIQUE OU DE SEL DE CELUI-CI, PROCÉDE DE DETERMINATION DE PURETE OPTIQUE DE CE COMPOSE, ACIDE TETRAHYDROFURANTHIOCARBOXYLIQUE OU DERIVE DE CELUI-CI

(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) ISHIKAWA, Mamoru [JP/JP]; 6-4-21, Wakakusa, Kusatsu-shi, Shiga 525-0045 (JP). NISHIMURA, Kazuaki [JP/JP]; 1-2, Denjiyama, Narumi-cho, Midori-ku, Nagoya-shi, Aichi 458-0844 (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 IN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ C07C 403/08, 403/10, 403/14

(11) WO 03/037856 (13) A1

(21) PCT/EP02/11878

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 01125965.2 31 Oct/oct 2001 EP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MANUFACTURE OF RETINOIDS

• PREPARATION DE RETINOIDES

(71) ROCHE VITAMINS AG [CH/CH]; 124 Grenzacherstrasse, CH-4070 Basle (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RADSPIELER, Alexander [DE/DE]; Roemerweg 6, 79639 Grenzach-Wyhlen (DE). RUETTIMANN, August [CH/CH]; Hollenweg 24, CH-4144 Arlesheim (CH).

(74) MUELLER, Ingrid; 124 Grenzacherstrasse, CH-4070 Basle (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 405/00

(11) WO 03/037857 (13) A2

(21) PCT/GB02/04922

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 0126076.9 31 Oct/oct 2001 GB (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • IMPROVEMENTS RELATING TO PROSTAGLANDINS AND THEIR ANALOGUES

• AMELIORATIONS APORTEES A DES PROSTAGLANDINES ET LEURS ANALOGUES

(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) CLISSOLD, Derek, Wyndham [GB/GB]; 6 Monkshood Close, Wokingham RG40 5YE (GB).

(74) PARABOLA; 1 Richfield Place, Richfield Avenue, Reading RG1 8EQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 409/24

(11) WO 03/037858 (13) A1

(21) PCT/FI02/00303

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 20012098 30 Oct/oct 2001 FI (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND ARRANGEMENT FOR THE PREPARATION OF PERCARBOXYLIC ACID

• PROCÉDE ET DISPOSITIF POUR LA PREPARATION D'ACIDE PERCARBOXYLIQUE

(71) KEMIRA CHEMICALS OY [FI/FI]; P. O. Box 330, FIN-00101 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MÄÄTTÄ, Lauri [FI/FI]; Naavatie 8, FIN-90650 Oulu (FI). POHJANVESI, Seppo [FI/FI]; Kemistintie 1, FIN-90570 Oulu (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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

(11) WO 03/037859 (13) A2

(21) PCT/US02/33886

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 60/330,793 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • GAS-GENERANT FORMULATIONS CONTAINING GUANIDINE DINITRAMIDE AND INFLATABLE DEVICES EMPLOYING THE SAME

• COMPOSITIONS GAZOGENES CONTENANT DU GUANIDINE DINITRAMIDE ET DISPOSITIFS GONFLABLES DANS LESQUELS ELLES SONT UTILISEES

(71) ATLANTIC RESEARCH CORPORATION [US/US]; 5945 Wellington Road, Gainesville, VA 20155-1699 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUNDSTROM, Norman, H. [US/US]; 1367 14th Avenue, Fox Island, WA 98333 (US). SCHEFFEE, Robert, S. [US/US]; 9450 Jenerio Court, Lorton, VA 22079 (US). LYNCH, Robert, D. [US/US]; 7312 Stuart Circle, Warrenton, VA 20187 (US). NEIDERT, Jamie, B. [US/US]; 3175 Southampton Drive, Jeffersonton, VA 22724 (US).

(74) PRESTA, Frank, P.; Nixon & Vanderhye P.C., 1100 North Glebe Road, Suite 800, Arlington, VA 22201-4714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/037860 (13) A2
(21) PCT/US02/35069
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 60/335,391 30 Oct/oct 2001 US (30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • PURINE ANALOGS HAVING HSP90-INHIBITING ACTIVITY
• ANALOGUES DE PURINE PRESENTANT UNE ACTIVITE INHIBITRICE DE HSP90
- (71) CONFORMA THERAPEUTICS CORPORATION [US/US]; 9393 Towne Centre Drive, Suite 240, San Diego, CA 92121 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KASIBHATLA, Srinivas Rao [US/US]; 13073 Dressage Lane, San Diego, CA 92130 (US). HONG, Kevin [US/US]; 5734 Redwood Street, San Diego, CA 92105 (US). ZHANG, Lin [US/US]; 12455 Brickellia Street, San Diego, CA 92129 (US). BIA-MONTE, Marco Antonio [US/US]; 5350 Toscana Way, Apt. 216, San Diego, CA 92122 (US). BOEHM, Marcus F. [US/US]; 38833 Lamont Street, #4E, San Diego, CA 92109 (US). SHI, Jiandong [US/US]; 8540 Costa Verde Blvd., San Diego, CA 92122 (US). FAN, Junhua [US/US]; 7528 Charmant Drive, San Diego, CA 92122 (US).
- (74) KREUSSER, Edward O.; BROBECK PHLEGER & HARRISON LLP, 12390 El Camino Real, San Diego, CA 92130-2081 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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Declaration / Déclaration :
(t) for all designations / pour toutes les désignations
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- (51)⁷ C07D 209/18, 209/42, 401/04, 401/06, 401/12, 401/14, 403/12, 403/14, 405/04, 405/12, 405/14, 409/14, 413/14, 417/14, 471/04, A61K 31/404, 31/437, 31/454, 31/4725, 31/496, 31/497
(11) WO 03/037862 (13) A1
(21) PCT/JP02/11232
(22) 29 Oct/oct 2002 (29.10.2002)
(25) ja (26) ja
(30) 2001-332942 30 Oct/oct 2001 JP (30.10.2001)
(30) 2002-127771 30 Apr/avr 2002 JP (30.04.2002)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • AMIDE DERIVATIVES AND DRUGS
• DERIVES AMIDE, ET MEDICAMENTS CORRESPONDANTS
- (71) NIPPON SHINYAKU CO., LTD. [JP/JP]; 14, Kisshoin Nishinosho Monguchicho, Minami-ku, Kyoto-shi, Kyoto 601-8550 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MARUYAMA, Yasufumi [JP/JP]; 13-1, Ninomiya 4-chome, Tsukuba-shi, Ibaraki 305-0051 (JP). HIRABAYASHI, Kazuko [JP/JP]; Room 307, Green Palace Kaikonoyashi, 11-1, Uzumasa Morigamaecho, Ukyo-ku, Kyoto-shi, Kyoto 616-8105 (JP). HORI, Katsutoshi [JP/JP]; 3776-2, Nishinamiki, Tsuchiura-shi, Ibaraki 300-0068 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 209/42, 401/06, 403/12, 403/06, A61K 31/40
(11) WO 03/037863 (13) A2
(21) PCT/EP02/11831
(22) 23 Oct/oct 2002 (23.10.2002)
(25) de (26) de
(30) 101 53 346.2 29 Oct/oct 2001 DE (29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • SUBSTITUTED INDOLES, METHOD FOR PRODUCTION AND USE THEREOF FOR THE INHIBITION OF PAIN
• INDOLES SUBSTITUES, PROCEDE POUR LEUR PREPARATION ET LEUR UTILISATION POUR LUTTER CONTRE LA DOULEUR
- (71) GRÜNENTHAL GMBH [DE/DE]; Zieglerstr. 6, 52078 Aachen (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SATTLEGGGER, Michael, Dr. [DE/DE]; Orchideenweg 27, 53123 Bonn (DE). BUSCHMANN, Helmut, Dr. [DE/ES]; Carrer Est, 24, E-08950 Esplugues de Llobregat (ES). PRZEWOŚNY, Michael, Dr. [DE/DE]; Suermondplatz 3, 52062 Aachen (DE). ENLGBERGER, Werner, Dr. [DE/DE]; Sonnenweg 1, 52223 Stolberg (DE). KOEGEL, Babette-Yvonne, Dr. [DE/DE]; Am Daens 28, 52379 Langerwehe-Hamich (DE). SCHICK, Hans, Prof., Dr. [DE/DE]; Prenzlauer Allee 32, 10405 Berlin (DE).
- (74) KUTZENBERGER, Helga, Dr. 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 209/12, A61K 31/404, A61P 35/04
(11) WO 03/037861 (13) A1
(21) PCT/EP02/11883
(22) 24 Oct/oct 2002 (24.10.2002)
(25) de (26) de
(30) 101 52 306.8 26 Oct/oct 2001 DE (26.10.2001)
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- (51)⁷ C07D 209/42, 401/12, 401/14, 403/12, 405/12, 409/12, 413/12, 417/12, 487/04, 495/04, 409/04, 409/14, A61K 31/404,

- 31/407, 31/41, 31/4178, 31/4188, 31/4196, 31/4155, 31/427, 31/4439, 31/497, 31/517, 31/536, 31/537, 31/5513, 31/553, 45/00, 45/06, A61P 3/10, 43/00
- (11) WO 03/037864 (13) A1
(21) PCT/JP02/11234
(22) 29 Oct/oct 2002 (29.10.2002)
(25) ja (26) ja
(30) 2001-331501 29 Oct/oct 2001 JP (29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • INDOLE COMPOUND AND MEDICINAL USE THEREOF
• COMPOSE INDOLIQUE, ET UTILISATION A DES FINS THERAPEUTIQUES
- (71) JAPAN TOBACCO INC. [JP/JP]; 2-1, Toranomon 2-chome, Minato-ku, Tokyo 105-8422 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAKAMURA, Takeshi [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka 569-1125 (JP). TAKAGI, Masaki [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka 569-1125 (JP). UEDA, Nobuhisa [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco Inc., 1-1, Murasaki-cho, Takatsuki-shi, Osaka 569-1125 (JP).
- (74) TAKASHIMA, Hajime; Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0044 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (b)
- (51)⁷ C07D 213/40, 213/38, C07C 233/73, 233/60, 233/11, 233/78, 233/40, 233/36, 311/17, 275/28, 275/14, C07D 277/46, 213/75, 233/28, A61K 31/16, 31/165, 31/17, 31/18, 31/44, A61P 35/00
- (11) WO 03/037865 (13) A1
(21) PCT/EP02/12222
(22) 31 Oct/oct 2002 (31.10.2002)
(25) en (26) en
(30) 60/335,300 31 Oct/oct 2001 US (31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • NOVEL ANTICANCER COMPOUNDS
• NOUVEAUX COMPOSES ANTICANCEREUX
- (71) MORPHOCHEM AKTIENGESELLSCHAFT FÜR KOMBINATORISCHE CHEMIE [DE/DE]; Gmunder Str. 37-37a, 81379 München (DE).

- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MENON, Sanjay, R. [IN/US]; 4206 Ravens Crest Drive, Plainsboro, NJ 08536 (US). LU, Yingchun [CN/US]; 91 Stillwell Road, Kendall Park, NJ 08824 (US). SAKAMURI, Sukumar [IN/US]; 11-23 Pheasant Hollow Drive, Plainsboro, NJ 08536 (US). CHEN, Quin-Zene [—/US]; 44 Hudnut Lane, Belle Mead, NJ 08502 (US). KHAZAK, Vladimir [US/US]; 71 Van Sicklen Street, Brooklyn, NY 11223 (US). AGARWAL, Seema [IN/US]; 338 Willowbrook Drive, North Brunswick, NJ 08902 (US).
- (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 C07D 213/70, 213/89, 401/12, A61K 31/4402, 31/4412, A61P 31/00
- (11) WO 03/037866 (13) A1
(21) PCT/US02/29573
(22) 17 Sep/sep 2002 (17.09.2002)
(25) en (26) en
(30) 10/021,202 29 Oct/oct 2001 US (29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • ANTIRETROVIRAL PYRIDINE AND QUINOLINE DERIVATIVES
• DERIVES DE PYRIDINE ET DE QUINOLINE ANTIRETROVIRAUX
- (71) UNIROYAL CHEMICAL COMPANY, INC. [US/US]; 199 Benson Road, Middlebury, CT 06749 (US).
- (72) BREWER, Arthur, D.; RR #1, Pushlinch, Ontario N0B 2J0 (CA). CANTOR, Stephen; 470 Sheridan Drive, Cheshire, CT 06410 (US). DEKEYSER, Mark, A.; 33 Boxbury Drive, Waterloo, Ontario N2K 1W3 (CA). DOWEYKO, Arthur, M., P.; 9 Highland Avenue, Long Valley, NJ 07853 (US). HARRIS, John, W.; 814 Blakely Court, Sugar Land, TX 77479 (US). LACADIE, John, A.; 64 Brushy Hill Road, Woodbury, CT 06798 (US). PIERCE, James, B.; 68 Oak Hill Drive, Southbury, CT 06488 (US). PLANT, Howard, L. (deceased / décédé). HARRISON, William, A.; 70 Yorkshire Street S, Apartment 304, Guelph, Ontario N1H 5A3 (CA).
- (74) REITENBACH, Daniel; Uniroyal Chemical Company, Inc., 199 Benson Road, Middlebury, CT 06749 (US).
- (81) AU BR CA CN JP MX.

- (51)⁷ C07D 213/81, 309/38
- (11) WO 03/037867 (13) A1
(21) PCT/CA02/01623
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 09/985,269 2 Nov/nov 2001 US (02.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • PROCESSES FOR THE MANUFACTURING OF 3-HYDROXY-N,1,6-TRIALKYL-4-OXO-1,4-DIHYDROPYRIDINE-2-CARBOXAMIDE
• PROCEDES DE FABRICATION DE 3-HYDROXY-N,1,6-TRIALKYL-4-OXO-1,4-DIHYDROPYRIDINE-2-CARBOXAMIDE
- (71) APOTEX INC. [CA/CA]; 150 Signet Drive, Weston, Ontario M9L 1T9 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAM, Tim, Fat [CA/CA]; 155 Veneto Drive, Woodbridge, Ontario L4L 8X6 (CA). LI, Wanren [CA/CA]; 2645 Kipling Avenue, Apt. 1611, Etobicoke, Ontario M9V 3S6 (CA).
- (74) FASKEN MARTINEAU DUMOULIN LLP; Box 20, Suite 4200, Toronto-Dominion Centre, Toronto Dominion Bank Tower, Toronto, Ontario M5K 1N6 (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C07D 213/81, 213/82
- (11) WO 03/037868 (13) A1
(21) PCT/EP02/12214
(22) 31 Oct/oct 2002 (31.10.2002)
(25) de (26) de
(30) 01126113.8 2 Nov/nov 2001 EP (02.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • METHOD FOR PRODUCING 2-HALOGEN-PYRIDINE-CARBOXYLIC ACID AMIDES
• PROCEDE POUR LA PRODUCTION D'AMIDES D'ACIDE 2-HALOGENE-PYRIDINE-CARBOXYLIQUE
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAYER, Horst [DE/BR]; Rua d. Canarios, 123, CEP-12513-300 Guaratingueta (BR). GOLSCH, Dieter [DE/DE]; Mollstrasse 17, 68165 Mannheim (DE). ISAK,

- Heinz [DE/DE]; Kornblumenstrasse 29, 67459 Böhl-Iggelheim (DE). **SCHRÖDER, Jochen** [DE/DE]; 67245 Lambsheim (DE).
- (74) **KINZEBACH, Werner** et al. / etc.; Ludwigplatz 4, 67059 Ludwigshafen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07D 213/82, 239/42, 413/12, 413/14, 407/12, 417/12, 401/12, 403/12, A61K 31/505, A61P 3/10, 25/28
- (11) WO 03/037869 (13) A1
- (21) PCT/EP02/12067
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 01204193.5 1 Nov/nov 2001 EP (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • AMIDE DERIVATIVES AS GLYCOGEN SYNTHASE KINASE 3-BETA INHIBITORS
• DERIVES AMIDES UTILISES EN TANT QU'INHIBITEURS DE LA GLYCOGENE SYNTHASE KINASE 3-BETA
- (71) **JANSSEN PHARMACEUTICA N.V.** [BE/BE]; Turnhoutseweg 30, B-2340 Beerse (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FREYNE, Eddy, Jean, Edgard** [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). **BUIJNSTERS, Peter, Jacobus, Johannes, Antonius** [NL/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). **WILLEMS, Marc** [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). **EMBRECHTS, Werner, Constant, Johan** [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). **LACRAMPE, Jean, Fernand, Armand** [FR/FR]; Janssen-Cilag S.A., 1, rue Camille Desmoulins, TSA 91003, F-92787 Issy-les-Moulineaux (FR). **JANSSEN, Paul, Adriaan, Jan** [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). **LEWI, Paulus, Joannes** [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). **HEERES, Jan** [NL/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). **DE JONGE, Marc, René** [NL/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). **KOYMANS, Lucien, Maria, Henricus** [NL/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). **DAEYAERT, Frederik, Frans, Desire** [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). **KUKLA, Michael, Joseph** [US/US]; 1551 Oak Hollow Drive, Maple Glen, PA 19002 (US). **GEERTS, Hugo, Alfons, Gabriel** [BE/US]; 686 Westwind Drive, Berwyn, PA 19312 (US). **NUYDENS, Rony, Maria** [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). **MERCKEN, Marc, Hubert** [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). **LUDOVICI, Donald, William** [US/US]; c/o Janssen Pharmaceutica Inc., 1125 Trenton-Harbourton Road, Titusville, NJ 08560 (US).
- (74) **JANSSEN PHARMACEUTICA N.V.**; Turnhoutseweg 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 LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations
-
- (51)⁷ C07D 215/22, A61K 31/4704, A61P 25/04
- (11) WO 03/037870 (13) A1
- (21) PCT/EP02/11833
- (22) 23 Oct/oct 2002 (23.10.2002)
- (25) de (26) de
- (30) 101 53 347.0 29 Oct/oct 2001 DE (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SUBSTITUTED 1H-QUINOLIN-2-ONE COMPOUNDS
• COMPOSES 1H-CHINOLINE-2-ONE 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) **SATTLIGGER, Michael** [DE/DE]; Orchideenweg 27, 53123 Bonn (DE). **BUSCHMANN, Helmut** [DE/ES]; Carer Est, 24, E-08950 Esplugues de Llobregat (ES). **PRZEWOŚNY, Michael** [DE/DE]; Suermondplatz 3, 52062 Aachen (DE). **ENGLBERGER, Werner** [DE/DE]; Sonnenweg 1, 52223 Stolberg (DE). **KOEGEL, Babette-Yvonne** [DE/DE]; Am Daens 28, 52379 Langerwehe-Hamich (DE). **SCHICK, Hans** [DE/DE]; Prenzlauer Allee 32, 10405 Berlin (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 C07D 215/42, 215/48, 215/233, 207/14, 241/04, 243/08, 265/30, 401/14, 413/14, A61K 31/496, 31/551, 31/5377, A61P 1/00, 3/04, 5/00, 15/00, 21/02, 25/14, 25/20, 25/22, 25/24, 25/28, 43/00 // A61K 31/4025
- (11) WO 03/037871 (13) A1
- (21) PCT/SE02/01987
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 0103648-2 1 Nov/nov 2001 SE (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • THERAPEUTIC QUINOLONE COMPOUNDS WITH 5-HT-ANTAGONISTIC PROPERTIES
• COMPOSES THERAPEUTIQUES DE QUINOLONE DOTES DE PROPRIETES ANTAGONISTES 5-HT
- (71) **ASTRAZENECA AB** [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHAPDELAINE, Marc** [US/US]; Astrazeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). **DAVENPORT, Timothy** [US/US]; 221 Hawthorne Lane, Wilmington, DE 19803 (US). **HAE-BERLEIN, Markus** [SE/SE]; Astrazeneca R & D Södertälje, S-151 85 Södertälje (SE). **HORCHLER, Carey** [US/US]; Astrazeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). **PIERSON, Edward** [US/US]; Astrazeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). **SOHN, Daniel** [US/SE]; Astrazeneca R & D Södertälje, S-151 85 Södertälje (SE). **MCCAULEY, John** [US/US]; AstraZeneca Pharmaceuticals, P.O. Box 15437, Wilmington, DE 19850-5437 (US).
- (74) **GLOBAL INTELLECTUAL PROPERTY**; Astrazeneca AB, S-151 85 Södertälje (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C07D 215/42, 215/48, 215/233, 207/14, 241/04, 243/08, 265/30, 401/14, 413/14, A61K 31/496, 31/551, 31/5377, A61P 1/00, 3/04, 5/00, 15/00, 21/02, 25/14, 25/20, 25/22, 25/24, 25/28, 43/00 // A61K 31/4025

(11) WO 03/037872 (13) A1

(21) PCT/SE02/01989

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 0103649-0 1 Nov/nov 2001 SE (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • THERAPEUTIC QUINOLINE COMPOUNDS WITH 5-HT-ANTAGONISTIC PROPERTIES

• COMPOSES THERAPEUTIQUES A BASE DE QUINOLINE, ANTAGONISTES DES 5-HT

(71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHAPDELAINE, Marc [US/US]; AstraZeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). DAVENPORT, Timothy [US/US]; 221 Hawthorne Lane, Wilmington, DE 19803 (US). HÄBERLEIN, Markus [SE/SE]; AstraZeneca R & D Södertälje, S-151 85 Södertälje (SE). HORCHLER, Carey [US/US]; AstraZeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). MCCAULEY, John [US/US]; AstraZeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). PIERSON, Edward [US/US]; AstraZeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). SOHN, Daniel [US/SE]; AstraZeneca R & D Södertälje, S-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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C07D 223/16, A61K 31/55, A61P 29/00

(11) WO 03/037873 (13) A1

(21) PCT/EP02/11830

(22) 23 Oct/oct 2002 (23.10.2002)

(25) de (26) de

(30) 101 53 348.9 29 Oct/oct 2001 DE (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SUBSTITUTED BENZO[B]AZEPIN-2-ONE COMPOUNDS

• COMPOSES BENZO[B]AZEPINE-2-ONE SUBSTITUES UTILISES COMME ANALGESIQUES

(71) GRÜNENTHAL GMBH [DE/DE]; Zieglerstrasse 6, 52078 Aachen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SATTLEGGGER, Michael [DE/DE]; Orchideenweg 27, 53123 Bonn (DE). BUSCHMANN, Helmut [DE/ES]; Carer Est, 24, E-08950 Esplugues de Llobregat (ES). PRZEWOSNY, Michael [DE/DE]; Suernondtplatz 3, 52062 Aachen (DE). ENGLBERGER, Werner [DE/DE]; Sonnenweg 1, 52223 Stolberg (DE). KOEGEL, Babette-Yvonne [DE/DE]; Am Daens 28, 52379 Langerwehe-Hamich (DE). SCHICK, Hans [DE/DE]; Prenzlauer Allee 32, 10405 Berlin (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 231/38, 231/24, 231/18, 401/04

(11) WO 03/037874 (13) A1

(21) PCT/IB02/03965

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en

(26) en

(30) 60/335,687 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AN EFFICIENT SYNTHESIS OF 5-HETEROATOM-CONTAINING-PYRAZOLES

• PROCEDE EFFICACE DE SYNTHESE DE PYRAZOLES CONTENANT CINQ HETEROATOMES

(71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MINICH, Martha, Lou [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US). RAST, Bryson [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US). SAKYA, Subas, Man [NP/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US). SAHVNYA, Andrei [BY/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US).

(74) LUMB, J., Trevor et al. / etc.; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 233/54, A61K 7/13

(11) WO 03/037875 (13) A1

(21) PCT/EP02/11622

(22) 17 Oct/oct 2002 (17.10.2002)

(25) de (26) de

(30) 101 52 941.4 26 Oct/oct 2001 DE (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVELOPER CONSTITUENTS AND THEIR USE FOR DYING KERATIN FIBERS

• COMPOSANTS DEVELOPPEURS ET UTILISATION POUR LA COLORATION DE FIBRES KERATINIQUES

(71) HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN [DE/DE]; Henkelstr. 67, 40589 Düsseldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KNÜBEL, Georg [DE/DE]; Erftstrasse 26a, 40219 Düsseldorf (DE). HÖFFKES, Horst [DE/DE]; Carlo-Schmid-Strasse 113, 40595 Düsseldorf (DE). MEINIGKE, Bernd [DE/DE]; Wuppertaler Str. 84b, 51381 Leverkusen (DE). GIESA, Helmut [DE/DE]; Emil-Nolde-Weg 7, 40670 Meerbusch (DE).

(81) AU BR CA CN HU JP NO PL RU US VN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ C07D 235/20, A61K 31/4184, A61P 9/12

(11) WO 03/037876 (13) A1

(21) PCT/EP02/11394

(22) 11 Oct/oct 2002 (11.10.2002)

(25) de (26) de

(30) 101 53 737.9 31 Oct/oct 2001 DE (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CRYSTALLINE SODIUM SALT OF TELMISARTAN AND THE USE OF THE SAME AS AN ANGIOTENSIN ANTAGONIST

• SEL DE SODIUM CRISTALLISE DE TELMISARTAN ET SON UTILISATION COMME ANTAGONISTE DE L'ANGIOTENSINE

(71) BOEHRINGER INGELHEIM PHARMA KG [DE/DE]; Binger Strasse 173, 55216 Ingelheim Am Rhein (DE).

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(72, 75) DONSBACH, Kai [DE/DE]; Kronenbergstrasse 19, 55595 Hargenheim (DE). HOF, Irmgard [DE/DE]; Rembrandtstrasse 10, 55218 Ingelheim Am Rhein (DE).

(74) BOEHRINGER INGELHEIM PHARMA KG; Binger Strasse 173, 55216 Ingelheim Am Rhein (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C07D 239/30, 239/46, 239/48, 403/10, A61K 31/506, A61P 3/10, 25/28

(11) WO 03/037877 (13) A1

(21) PCT/EP02/12079

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 01204192.7 1 Nov/nov 2001 EP (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AMINOBENZAMIDE DERIVATIVES AS GLYCOGEN SYNTHASE KINASE 3β INHIBITORS

• DERIVES D'AMINOBENZAMIDE UTILES COMME INHIBITEURS DE LA GLYCOGENE SYNTHASE KINASE 3SG(B)

(71) JANSSEN PHARMACEUTICA N.V. [BE/BE]; Turnhoutseweg 30, B-2340 Beerse (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FREYNE, Eddy, Jean, Edgard [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE).

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WILLEMS, Marc [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE).

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JANSSEN, Paul, Adriaan, Jan [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE).

LEWI, Paulus, Joannes [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE).

HEERES, Jan [NL/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE).

DE JONGE, Marc, René [NL/NL]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE).

KOYMANS, Lucien, Maria, Henricus [NL/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE).

DAEYAERT, Frederik, Frans, Desire [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE).

KUKLA, Michael, Joseph [US/US]; 1551 Oak Hollow Drive, Maple Glen, PA 19002 (US).

GEERTS, Hugo, Alfons, Gabriel [BE/US]; 686 Westwind Drive, Berwyn, PA 19312 (US).

NUYDENS, Rony, Maria [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE).

MERCKEN, Marc, Hubert [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE).

LUDOVICI, Donald, William [US/US]; Janssen Pharmaceutica Inc., 1125 Trenton-Harbourton Road, Titusville, NJ 08560 (US).

(74) JANSSEN PHARMACEUTICA N.V.; Turnhoutseweg 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 LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW

MX MZ NO NZ OM PH PL PT RO RU SD SE SG

SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN

YU ZA ZM ZW AP (GH GM KE LS MW MZ SD

SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD

RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE

ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

OA (BF BJ CF CG CI CM GA GN GQ GW ML

MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ C07D 239/78, 239/38, 417/12, 401/12, 405/12

(11) WO 03/037878 (13) A1

(21) PCT/EP02/11744

(22) 21 Oct/oct 2002 (21.10.2002)

(25) de (26) de

(30) 101 54 075.2 2 Nov/nov 2001 DE (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SUBSTITUTED PYRIMIDINES
• PYRIMIDINES SUBSTITUEES

(71) BAYER CROPSCIENCE AG [DE/DE]; Alfred-Nobel-Strasse 50, 40789 Monheim (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GESING, Ernst-Rudolf [DE/DE]; Trillser Graben 4, 40699 Erkrath (DE).

DREWES, Mark, Wilhelm [DE/DE]; Goethestr. 38, 40764 Langenfeld (DE).

DAHMEN, Peter [DE/DE]; Altebrücker Str. 61, 41470 Neuss (DE).

FEUCHT, Dieter [DE/DE]; Ackerweg 9, 40789 Monheim (DE).

PONTZEN, Rolf [DE/DE]; Am Kloster 69, 42799 Leichlingen (DE).

(74) BAYER CROPSCIENCE AG; Legal and Patents, Patents and Licensing, 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW

MX MZ NO NZ OM PH PL PT RO RU SD SE SG

SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN

YU ZA ZM ZW AP (GH GM KE LS MW MZ SD

SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD

RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE

ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

OA (BF BJ CF CG CI CM GA GN GQ GW ML

MR NE SN TD TG)

(51)⁷ C07D 241/44, A61K 31/498, C07C 215/44, 35/14, A61P 25/04

(11) WO 03/037879 (13) A1

(21) PCT/EP02/11832

(22) 23 Oct/oct 2002 (23.10.2002)

(25) de (26) de

(30) 101 53 345.4 29 Oct/oct 2001 DE (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • SUBSTITUTED (1H)-QUINOXALIN-2-ONE COMPOUNDS AND SUBSTITUTED 4-ARYL- AND 4-HETEROARYLCYCLOHEXANE COMPOUNDS
- COMPOSES DE 1H-CHINOXALINE-2-ONE SUBSTITUES ET COMPOSES DE 4-ARYL- ET 4-HETEROARYLCYCLOHEXANE SUBSTITUES
- (71) GRÜNENTHAL GMBH [DE/DE]; Zieglerstr. 6, 52078 Aachen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SATTLEGGGER, Michael [DE/DE]; Orchideenweg 27, 53123 Bonn (DE). BUSCHMANN, Helmut [DE/ES]; Carer Est, 24, E-08950 Esplugues de Llobregat (ES). PRZEWOSNY, Michael [DE/DE]; Suermondplatz 3, 52062 Aachen (DE). ENLGBERGER, Werner [DE/DE]; Sonnenweg 1, 52223 Stolberg (DE). KOEGEL, Babette-Yvonne [DE/DE]; Am Dicks 28, 52379 Langerwehe-Hamich (DE). SCHICK, Hans [DE/DE]; Prenzlauer Allee 32, 10405 Berlin (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C07D 249/20
- (11) WO 03/037880 (13) A1
- (21) PCT/JP02/05553
- (22) 5 Jun/juin 2002 (05.06.2002)
- (25) ja (26) ja
- (30) 2001-330582 29 Oct/oct 2001 JP (29.10.2001)
- (30) 2002-061013 6 Mar/mar 2002 JP (06.03.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • LOW DUSTING CRYSTAL TRANSFORMATIONS OF 2, 2'-METHYLENBIS[4-(1,1,3,3-TETRAMETHYLBUTYL)-6-BENZOTRIAZOLYLPHENOL] AND MIXTURE THEREOF, METHOD FOR PREPARING THEM, AND ULTRAVIOLET ABSORBENT USING THE SAME
- PREPARATION D'UN CRISTAL FAIBLEMENT POUSSIÈREUX DE 2,2'-METHYLBENBIS [4-(1,1,3,3-TETRAMETHYLBUTYL)-6-BENZOTRIAZOLYLPHENOL], MELANGES DE CE-LUI-CI, PROCÉDE DE PRÉPARATION ET ABSORBEUR UV L'UTILISANT
- (71) CHEMIPRO KASEI KAISHA, LIMITED [JP/JP]; 3-3, Higashikawasakicho 1-chome, Chuo-ku, Koube-shi, Hyogo 650-0044 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUKUOKA, Naohiko [JP/JP]; c/o CHEMIPRO KASEI KAISHA, LIMITED, 3-3, Higashikawasakicho 1-chome, Chuo-ku, Koube-shi, Hyogo 650-0044 (JP). OHMAE, Yoshinori [JP/JP]; c/o CHEMIPRO KASEI KAISHA, LIMITED, 3-3, Higashikawasakicho 1-chome, Chuo-ku, Koube-shi, Hyogo 650-0044 (JP). KANEKO, Yuich [JP/JP]; c/o CHEMIPRO KASEI KAISHA, LIMITED, 3-3, Higashikawasakicho 1-chome, Chuo-ku, Koube-shi, Hyogo 650-0044 (JP). NISHIMATSU, Masayuki [JP/JP]; c/o CHEMIPRO KASEI KAISHA, LIMITED, 3-3, Higashikawasakicho 1-chome, Chuo-ku, Koube-shi, Hyogo 650-0044 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C07D 277/40, A61K 31/426, A61P 3/10
- (11) WO 03/037881 (13) A1
- (21) PCT/JP02/11217
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) ja (26) ja
- (30) 2001-332914 30 Oct/oct 2001 JP (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • α-FORM OR β-FORM CRYSTAL OF ACETANILIDE DERIVATIVE
- CRISTAL A FORME α(A) OU β(B) D'UN DERIVE ACETANILINIDE
- (71) YAMANOUCHI PHARMACEUTICAL CO., LTD. [JP/JP]; 3-11, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-8411 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAWAZOE, Souichirou [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 160-2, Akahama, Takahagi-shi, Ibaraki 318-0001 (JP). SAKAMOTO, Kenichirou [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 160-2, Akahama, Takahagi-shi, Ibaraki 318-0001 (JP). AWAMURA, Yuji [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). MARUYAMA, Tatsuya [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). SUZUKI, Takayuki [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP). ONDA, Kenichi [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP).
- (JP). TAKASU, Toshiyuki [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd., 21, Miyukigaoka, Tsukuba-shi, Ibaraki 305-8585 (JP).
- (74) NAGAI, Shozo; c/o Yamanouchi Pharmaceutical Co., Ltd., Patent Department, 17-1, Hasune 3-chome, Itabashi-ku, Tokyo 174-8612 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 311/58, 335/06, 215/12, 409/04, 409/12, A61K 31/38, A61P 17/00
- (11) WO 03/037882 (13) A1
- (21) PCT/EP02/11746
- (22) 21 Oct/oct 2002 (21.10.2002)
- (25) en (26) en
- (30) 60/335,129 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • HETEROCYCLIC RETINOID COMPOUNDS
- COMPOSES RETINOIDES HÉTÉROCYCLIQUES
- (71) F. HOFFMANN-LA ROCHE AG [CH/CH]; 124 Grenzacherstrasse, CH-4070 Basle (CH).
- (72) KLAUS, Michael; Am Hellenrain 6, 79576 Weil am Rhein (DE). LAPIERRE, Jean-Marc; 1 Alexandra Drive, Pelham, NH 03076 (US).
- (74) WITTE, Hubert; 124 Grenzacherstrasse, CH-4070 Basle (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 311/72
- (11) WO 03/037883 (13) A1
- (21) PCT/EP02/11819
- (22) 23 Oct/oct 2002 (23.10.2002)
- (25) en (26) en
- (30) 011 25 966.0 31 Oct/oct 2001 EP (31.10.2001)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MANUFACTURE OF ALPHA- TOCOPHEROL
• ELABORATION D'ALL-RAC-ALPHA-TOCOPHEROL
- (71) ROCHE VITAMINS AG [CH/CH]; 124 Grenzacherstrasse, CH-4070 Basle (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BONRATH, Werner [DE/DE]; 29 Luckenbachweg, 79115 Freiburg (DE). BURDICK, David, Carl [US/CH]; 85 Schafmattweg, CH-4102 Binningen (CH). NETSCHER, Thomas [DE/DE]; 2 Am Huligraben, 79189 Bad Krozingen (DE). SCHAGER, Frank [DE/DE]; 24 Steghalden, 79539 Loerrach (DE). THOMAS, Dominik [DE/DE]; 5 Lustheimstrasse, 81247 Muenchen (DE).
- (74) MUELLER, Ingrid; 124 Grenzacherstrasse, CH-4070 Basle (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C07D 311/72
(11) WO 03/037884 (13) A2
(21) PCT/US02/29599
(22) 19 Sep/sep 2002 (19.09.2002)
(25) en (26) en
(30) 60/323,228 19 Sep/sep 2001 US (19.09.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PROCESS FOR SEPARATION OF TOCOPHEROLS
• PROCEDE D'ISOLATION DE TOCOPHEROLS
- (71, 72) ARCHER-DANIELS-MIDLAND COMPANY [US/US]; 4666 Faries Parkway, Box 1470, Decatur, IL 62525 (US).
- (72) SHUKLA, Rishi; 3750 N. Woodford, Apt. # 1604, Decatur, IL 62526 (US). BARTOK, Laslow, F.; 5578 Griffith Pk. Drive, Decatur, IL 62521 (US). HILALY, Ahmad; 3325 Branchwood Drive, Springfield, IL 62704 (US). SCHUETTE, Christine, M.; 6 Ridge Drive, Decatur, IL 62521 (US).
- (74) LUDWIG, Steven, R. et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, DC 20005-3934 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 333/00
(11) WO 03/037886 (13) A2
(21) PCT/US02/34801
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 60/340,816 30 Oct/oct 2001 US (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • HETEROAROMATIC CARBOXAMIDE DERIVATIVES FOR THE TREATMENT OF INFLAMMATION
• DERIVES DE CARBOXAMIDE HETEROAROMATIQUE DESTINES AU TRAITEMENT DES INFLAMMATIONS
- (71) PHARMACIA CORPORATION [US/US]; Corporate Patent Department, 800 North Lindbergh Blvd., Mail Zone O4E, St. Louis, MO 63167 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GRANETO, Matthew [US/US]; 352 Hartwell Court, Chesterfield, MO 63017 (US). HANAU, Cathleen, E. [US/US]; 15551 Wendimill Drive, Chesterfield, MO 63017 (US). PERRY, Thao, D. [US/US]; 4851 Via de Caballe, San Jose, CA 95118 (US).
- (74) BAUER, S., Christopher et al. / etc.; Pharmacia Corporation, Corporate Patent Department, 800 North Lindbergh Blvd., Mail Zone O4E, St. Louis, MO 63167 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 401/02, 401/14, 217/12, 217/24, A61K 31/496, 31/4725, A61P 25/22, 25/24, 25/00, 3/04, 1/00, 5/00
(11) WO 03/037887 (13) A1
(21) PCT/SE02/01988
(22) 1 Nov/nov 2002 (01.11.2002)
(25) en (26) en
(30) 0103644-1 1 Nov/nov 2001 SE (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • THERAPEUTIC ISOQUINOLINE COMPOUNDS
• COMPOSES ISOQUINOLEINES THERAPEUTIQUES
- (71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANGST, Christof [CH/US]; AstraZeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). HAE-BERLEIN, Markus [SE/SE]; AstraZeneca R & D Södertälje, S-151 85 Södertälje (SE). HILL, Daniel [US/US]; AstraZeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). JACOBS, Robert

- [US/US]; AstraZeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). **MOORE, Gary** [US/US]; AstraZeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). **PIERSON, Edward** [US/US]; AstraZeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). **SHENVI, Ashokkumar, Bhikkappa** [US/US]; AstraZeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US).
- (74) **GLOBAL INTELLECTUAL PROPERTY**; AstraZeneca AB, S-151 85 Södertälje (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 401/04, 401/14, 413/14, A61K 31/505, A61P 25/28
- (11) WO 03/037888 (13) A1
- (21) PCT/JP02/09685
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) en (26) en
- (30) 2001-331674 21 Sep/sep 2001 JP (21.09.2001)
- (30) 2001-331675 21 Sep/sep 2001 JP (21.09.2001)
- (30) 2001-331677 21 Sep/sep 2001 JP (21.09.2001)
- (30) 2001-331678 21 Sep/sep 2001 JP (21.09.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • 3-SUBSTITUTED-4-PYRIMIDONE DERIVATIVES
• DERIVES DE 3-SUBSTITUE-4-PYRIMIDONE
- (71) **MITSUBISHI PHARMA CORPORATION** [JP/JP]; 6-9, Hiranomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP). **SANOI-SYNTHELABO** [FR/FR]; 174 AVENUE DE FRANCE, F-75013 PARIS (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **UEHARA, Fumiaki** [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, TOKYO HEAD OFFICE, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). **ARITOMO, Keiichi** [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, TOKYO HEAD OFFICE, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). **SHODA, Aya** [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, TOKYO HEAD OFFICE, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). **HIKI, Shinsuke** [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, TOKYO HEAD OFFICE, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). **OKUYAMA, Masahiro** [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, TOKYO HEAD OFFICE, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). **USUI, Yoshihiro** [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, TOKYO HEAD OFFICE, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). **OOIZUMI, Mitsuru** [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, TOKYO HEAD OFFICE, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). **WATANABE, Kazutoshi** [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, TOKYO HEAD OFFICE, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). **YAMAKOSHI, Koichi** [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, TOKYO HEAD OFFICE, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP).
- (74) **SIKS & CO.**; 8th Floor, Kyobashi-Nisshoku Bldg., 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 401/04, A61K 31/4545, A61P 13/10
- (11) WO 03/037889 (13) A1
- (21) PCT/SE02/01991
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 0103795-1 2 Nov/nov 2001 SE (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • COMPOUNDS AND METHOD FOR THE TREATMENT OF OVERACTIVE BLADDER
• COMPOSES ET METHODE DE TRAITEMENT DE LA VESSIE HYPERACTIVE
- (71) **ASTRAZENECA AB** [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BIALECKI, Russell** [US/US]; Astrazeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). **DANTZMAN, Cathy** [US/US]; Astrazeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US). **HERZOG, Keith** [US/US]; Astrazeneca Wilmington, P.O. Box 15437, Wilmington, DE 19850-5437 (US).
- (74) **GLOBAL INTELLECTUAL PROPERTY**; AstraZeneca AB, S-151 85 Södertälje (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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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 US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ C07D 401/04, 401/14, A61K 31/4439, A61P 25/04
- (11) WO 03/037890 (13) A2
- (21) PCT/US02/35173
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 60/335,930 1 Nov/nov 2001 US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PIPERIDINES
• PIPERIDINES
- (71) **ICAGEN, INC.** [US/US]; 4222 Emperor Blvd., Suite 460, Durham, NC 27703 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GROSS, Michael, Francis** [US/US]; 6200 Chesdan Drive, Durham, NC 27713 (US). **ATKINSON, Robert, Nelson** [US/US]; 11908 Radner Way, Raleigh, NC 27613 (US). **JOHNSON, Matthew, Scott** [US/US]; 614 Bluestone Road, Durham, NC 27713 (US).
- (74) **MANN, Jeffrey, S. et al. / etc.**; TOWNSEND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ C07D 403/12, 401/04, 213/53, A61K 31/435, 31/50, 31/505, A61P 3/10
- (11) WO 03/037891 (13) A1
- (21) PCT/EP02/12077

- (22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 01204196.8 1 Nov/nov 2001 EP
(01.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • HETEROARYL AMINES AS GLYCOGEN SYNTHASE KINASE 3BETA INHIBITORS (GSK3 INHIBITORS)
• HETEROARYL AMINES UTILES COMME INHIBITEURS DE GLYCOGENE SYNTHASE KINASE 3BETA (INHIBITEURS DE GSK3)
- (71) JANSSEN PHARMACEUTICA N.V. [BE/BE]; Turnhoutseweg 30, B-2340 Beerse (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FREYNE, Eddy, Jean, Edgard [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). BUIJNSTERS, Peter, Jacobus, Johannes, Antonius [NL/NL]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). WILLEMS, Marc [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). EMBRECHTS, Werner, Constant, Johan [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). LOVE, Christopher, John [GB/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). JANSSEN, Paul, Adriaan, Jan [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). LEWI, Paulus, Joannes [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). HEERES, Jan [NL/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). DE JONGE, Marc, René [NL/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). KOYMANS, Lucien, Maria, Henricus [NL/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). VINKERS, Hendrik, Maarten [NL/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). VAN AKEN, Koen, Jeanne, Alfons [BE/BE]; Bruyningstraat 3, B-8500 Kortrijk (BE). DIELS, Gaston, Stanislas, Marcella [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE).
- (74) JANSSEN PHARMACEUTICA N.V.; Turnhoutseweg 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 LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C07D 413/12, A61K 31/353
(11) WO 03/037892 (13) A1
(21) PCT/US02/34034
(22) 24 Oct/oct 2002 (24.10.2002)
(25) en (26) en
- (30) 60/340,719 29 Oct/oct 2001 US
(29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • COMPOUNDS USEFUL AS REVERSIBLE INHIBITORS OF CYSTEINE PROTEASES
• COMPOSES CONVENANT COMME INHIBITEURS REVERSIBLES DE PROTEASES DE LA CYSTEINE
- (71) BOEHRINGER INGELHEIM PHARMACEUTICALS, INC. [US/US]; 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US).
- (72) BEKKALI, Younes; Boehringer Ingelheim Corp., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). SPERO, Denice, Mary; Boehringer Ingelheim Corp., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). SUN, Sanxing; Boehringer Ingelheim Corp., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). WARD, Yancey, David; Boehringer Ingelheim Corp., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US).
- (74) RAYMOND, Robert, P. et al. / etc.; Boehringer Ingelheim Corporation, 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C07D 417/04, A61K 31/427, A61P 31/14
(11) WO 03/037893 (13) A1
(21) PCT/EP02/12171
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 0126435.7 2 Nov/nov 2001 GB
(02.11.2001)
(30) 0210513.8 8 May/mai 2002 GB
(08.05.2002)
(43) 8 May/mai 2003 (08.05.2003)
(54) • ACYL DIHYDRO PYRROLE DERIVATIVES AS HCV INHIBITORS
• DERIVES D'ACYL-DIHYDRO-PYRROLE UTILISES COMME INHIBITEURS DU VHC
- (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) BRAVI, Gianpaolo [IT/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). HOWES, Peter, David [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). LOVEGROVE, Victoria, Lucy, Helen [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). SLATER, Martin, John [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). SHAH, Pritom [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).
- (74) CRAWLEY, Karen; 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 C07D 417/14, 409/14, 413/14, A61K 31/4025, A61P 1/16, 31/12
(11) WO 03/037894 (13) A1
(21) PCT/EP02/12172
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 0126431.6 2 Nov/nov 2001 GB
(02.11.2001)
(30) 0126441.5 2 Nov/nov 2001 GB
(02.11.2001)
(30) 0219320.9 19 Aug/août 2002 GB
(19.08.2002)
(30) 0219319.1 19 Aug/août 2002 GB
(19.08.2002)
(43) 8 May/mai 2003 (08.05.2003)
(54) • 4-(5-MEMBERED)-HETEROARYL ACYL PYRROLIDINE DERIVATIVES AS HCV INHIBITORS
• DERIVES DE HETEROARYLE ACYLE PYRROLIDINE A 4-(5-ELEMENTS) UTILES COMME INHIBITEURS DE VHC
- (71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Brentford, Middlesex UB6 0NN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRAVI, Gianpaolo [IT/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). GOODLAND, Helen, Susanne [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). HAIGH, David [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). HARTLEY, Charles, David [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). LOVEGROVE, Victoria, Lucy, Helen [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). SLATER, Martin, John [GB/GB]; GlaxoSmithKline,

- Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).
- (74) CRAWLEY, Karen; 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 417/14, 401/14, 403/04, 409/14, A61K 31/4025, A61P 1/16, 31/12
- (11) WO 03/037895 (13) A1
- (21) PCT/EP02/12176
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 0126440.7 2 Nov/nov 2001 GB (02.11.2001)
- (30) 0203900.6 19 Feb/fév 2002 GB (19.02.2002)
- (30) 0219321.7 19 Aug/août 2002 GB (19.08.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • 4-(6-MEMBERED)-HETEROARYL ACYL PYRROLIDINE DERIVATIVES AS HCV INHIBITORS
- DERIVES D'HETEROARYL ACYL PYRROLIDINE A 4 A 6 CHAINONS UTILISES COMME INHIBITEURS DE HCV
- (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) BRAVI, Gianpaolo [IT/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). GUIDETTI, Rossella [IT/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). HAIGH, David [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). HARTLEY, Charles, David [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). HOWES, Peter, David [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). JACKSON, Deborah, Lynette [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). LOVEGROVE, Victoria, Lucy, Helen [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). SHAH, Pritom [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). SLATER, Martin, John [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB). WAREING, Katrina, Jane [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage, Hertfordshire SG1 2NY (GB).
- (74) CRAWLEY, Karen; 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 453/00, 487/08, 498/04, 519/00, 451/04, 471/08, A61K 31/445 // (C07D 487/08, 209:00, 209:00) (C07D 498/04, 221:00, 263:00) (C07D 519/00, 209:00, 209:00, 317:00) (C07D 519/00, 209:00, 209:00, 221:00, 263:00) (C07D 519/00, 221:00, 221:00, 221:00, 317:00)
- (11) WO 03/037896 (13) A1
- (21) PCT/US02/31579
- (22) 17 Oct/oct 2002 (17.10.2002)
- (25) en (26) en
- (30) 60/344,436 26 Oct/oct 2001 US (26.10.2001)
- (30) 60/342,674 21 Dec/déc 2001 US (21.12.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • N-AZABICYCLO-SUBSTITUTED HETERO-BICYCLIC CARBOXAMIDES AS NACHR AGONISTS
- CARBOXAMIDES HETERO-BICYCLIQUES SUBSTITUES PAR N-AZABICYCLO, UTILISES EN TANT QU'AGONISTES DU RECEPTEUR DE L'ACETYLCHOLINE NICOTINIQUE
- (71) PHARMACIA & UPJOHN COMPANY [US/US]; 301 Henrietta Street, Kalamazoo, MI 49001 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WALKER, Daniel, P. [US/US]; 9350 Highlandview Drive, Kalamazoo, MI 49009 (US). JACOBSEN, Eric, Jon [US/US]; 6233 Bethany Circle, Richland, MI 49083 (US). PIOTROWSKI, David, W. [US/US]; 3248 Lost Pine Way, Portage, MI 49024 (US). WISHKA, Donn, G. [US/US]; 1431 Northampton Road, Kalamazoo, MI 49006 (US). CORBETT, Jeffrey, W. [US/US]; 6427 Pepperidge Circle, Portage, MI 49024 (US). GROPP, Vincent, E., Jr. [US/US]; 318 Sprague Avenue, Kalamazoo, MI 49006 (US). ACKER, Brad, A. [US/US]; 1734 Tanager Lane, Kalamazoo, MI 49009 (US). RAUCKHORST, Mark, R. [US/US]; 3749 Tartan Circle, Portage, MI 49024 (US).
- (74) HOSLEY, Mary, J.; Global Intellectual Property, Pharmacia & Upjohn Company, 301 Henrietta Street, Kalamazoo, MI 49001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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
- (11) WO 03/037897 (13) A2
- (21) PCT/EP02/12024
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) en (26) en
- (30) 60/340,923 29 Oct/oct 2001 US (29.10.2001)
- (30) 60/361,655 5 Mar/mar 2002 US (05.03.2002)
- (30) 60/379,365 9 May/mai 2002 US (09.05.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • USE OF 7H-PYRROLO[2,3-D]PYRIMIDINE DERIVATIVES IN SOLID TUMOR DISEASES
- UTILISATION DE DERIVES DE 7H-PYRROLO[2,3-D]PYRIMIDINE DANS DES MALADIES A TUMEUR SOLIDE
- (71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, Basel 4056 (CH). *(for all designated States except / pour tous les États désignés sauf AT US)*
- (71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1235 Vienna (AT). *(only for / seulement pour AT)*
- (72, 75) BALL, Howard, Ashley [GB/US]; 9 Shady Lane, Kendall Park, NJ 08824 (US). COHEN, Pamela, Sarah [US/US]; 131 Downey Drive, Tenafly, NJ 07670 (US). LEE, Lucy [US/US]; 33, Gordon Circle, Parsippany, NJ 07054 (US). RAVERA, Christina, Portrude [US/US]; 579 Shunpike Road, Chatham, NJ 07928 (US).
- (74) GROS, Florent; Novartis AG, Corporate Intellectual Property, Patent and 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 LV MA MD MK MN MX MZ NO NZ OM PH PL PT RO RU SE SG SI SK TJ TM TN TR TT UA US UZ VC VN YU ZA ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ C07D 487/04, A61K 31/519, A61P 37/00, 29/00 // (C07D 487/04, 239:00, 209:00)
- (11) WO 03/037898 (13) A1
- (21) PCT/EP02/12057
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 2001-334662 31 Oct/oct 2001 JP (31.10.2001)
- (30) 0214544.9 24 Jun/juin 2002 GB (24.06.2002)
- (43) 8 May/mai 2003 (08.05.2003)

(54) • PYRIMIDO [4,5-B] INDOLE DERIVATIVES

• DERIVES DE PYRIMIDO [4,5-B] INDOLE

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOWINGER, Timothy [CA/DE]; Wotanstr. 11, 42117 Wuppertal (DE). SHIMAZAKI, Makoto [JP/JP]; 5-5-3-1 Kunimidai, Kizu-cho, Soraku-gun, Kyoto, Kyoto 619-0216 (JP). SATO, Hiroki [JP/JP]; 4-7-4-102 Jingu, Nara city, Nara, Nara 631-0804 (JP). TANAKA, Kazuho [JP/JP]; 15-1-301 Konyamachi, Yamatokooriyama-shi, Nara, Nara 639-1148 (JP). TSUNO, Naoki [JP/JP]; 135-1-102 Aono-cho, Nara-shi, Nara, Nara 631-0841 (JP). MARX, Karsten [DE/JP]; 204 Oriento Nara Surugamachi, 70-7 Surugamachi, Nara shi, Nara, Nara 630-8357 (JP). YAMAMOTO, Masaru [JP/JP]; 5-2-9 Hikoridai, Seika-cho, Soraku-gun, Kyoto-fu, Kyoto, Kyoto 619-0237 (JP). URBAHNS, Klaus [JP/JP]; 6-3-1-301 Kusugaoka-cho, Nada-ku, Kobe-shi, Hyogo, Hyogo 657-0024 (JP). GANTNER, Florian [AT/JP]; 1-50-4-302 Dogashiba, Tennoji-ku, Osaka-shi, Osaka, Osaka 540-0033 (JP). OKIGAMI, Hiromi [JP/JP]; 7-1-1-8-204 Saganakadai, Kizu-cho, Soraku-gun, Kyoto, Kyoto 619-0223 (JP). NAKASHIMA, Kosuke [JP/JP]; B101 Ces Jours-Takanohara, 3-5-6 Sakyo, Nara, Nara 631-0801 (JP). TAKESHITA, Keisuke [JP/JP]; 118-405 Daiku-cho, Oomiya Higashi Iru, Shichijyo-dori, Shimogyo-ku, Kyoto, Kyoto 600-8268 (JP). BACON, Kevin [GB/JP]; 5-15-912 Naka Koyo-cho, Higashinada-ku, Kobe-shi, Hyogo, Hyogo 658-0032 (JP). KOMURA, Hiroshi [JP/JP]; 2-1-8 Saidaiji shiba-cho, Nara, Nara 631-0825 (JP). YOSHIDA, Nagahiro [JP/JP]; 5-18-15 Saganakadai, Kizu-cho, Soraku-gun, Kyoto, Kumamoto 619-0223 (JP).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C07D 487/04, A61K 31/505, A61P 9/00, 15/00

(11) WO 03/037899 (13) A1

(21) PCT/IB02/04385

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 0126395.3 2 Nov/nov 2001 GB (02.11.2001)

(30) 0130695.0 21 Dec/déc 2001 GB (21.12.2001)

(30) 0216761.7 18 Jul/juil 2002 GB (18.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PDE9 INHIBITORS FOR TREATING CARDIOVASCULAR DISORDERS

• INHIBITEURS PDE9 UTILISES DANS LE TRAITEMENT DES TROUBLES CARDIO-VASCULAIRES

(71) PFIZER LIMITED [GB/GB]; Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). (only for / seulement pour GB)

(71) PFIZER INC. [US/US]; 235 East 42nd Stret, New York, NY 10017 (US).

(for all designated States except / pour tous les États désignés sauf GB US)

(72, 75) DENINNO, Michael, Paul [US/US]; Pfizer Inc., Central Research Division, Eastern Point Road, Groton, CT 06340 (US). HUGHES, Bernadette [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). KEMP, Mark, Ian [GB/GB]; Pfizer Central Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). PALMER, Michael, John [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). WOOD, Anthony [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).

(74) WOOD, David, J. et al. / etc.; 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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 487/04, A61K 31/519, A61P 25/06, 25/28

(11) WO 03/037900 (13) A2

(21) PCT/US02/35171

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/335,874 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PYRAZOLOPYRIMIDINES

• PYRAZOLOPYRIMIDINES

(71) ICAGEN, INC. [US/US]; 4222 Emperor Boulevard, Suite 460, Durham, NC 27703 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ATKINSON, Robert, Nelson [US/US]; 11908 Radner Way, Raleigh, NC 27613 (US). GROSS, Michael, Francis [US/US]; 6200 Chesden Drive, Durham, NC 27713 (US). VAN RHEE, Michiel, Albert [NL/US]; 106 Tenure Circle, Durham, NC 27713 (US).

(74) MANN, Jeffrey, S. et al. / etc.; Townsend and Townsend and Crew LLP, 2 Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 C07D 487/08, A61K 31/55 // (C07D 487/08, 209:00, 221:00, 243:00) (C07D 487/08, 221:00, 221:00, 243:00)

(11) WO 03/037901 (13) A1

(21) PCT/US02/32789

(22) 11 Oct/oct 2002 (11.10.2002)

(25) en (26) en

(30) 60/341,049 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BRIDGED BICYCLE (1,4) BENZODIAZEPINE VASOPRESSIN RECEPTOR ANTAGONISTS

• ANTAGONISTES DU RECEPTEUR DE LA VASOPRESSINE A BASE DE (1,4) BENZODIAZEPINE BICYCLIQUE PONTE

(71) ORTHO-MCNEIL PHARMACEUTICAL, INC. [US/US]; U.S. Route 202, Raritan, NJ 08869 (US).

(72) DYATKIN, Alexey, B.; 504 Dogwood Drive, Ambler, PA 19002 (US). HOEKSTRA, William, J.; 104 San Miguel Place, Chapel Hill, NC 27514 (US). MARYANOFF, Bruce, E.; P.O. Box 239, New Hope, PA 18938 (US).

(74) JOHNSON, Philip, S. et al. / etc.; JOHNSON & JOHNSON, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 487/22, A61K 31/40, 49/00, A61P 35/00 // (C07D 487/22, 259:00, 209:00, 209:00, 209:00, 209:00)

(11) WO 03/037902 (13) A1

(21) PCT/EP02/12021

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 01125770.6 29 Oct/oct 2001 EP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SEPARATION OF REGIOISOMERS OF METAL PHTHALOCYANINES
• SEPARATION DE REGIO-ISOMERES DE PHTHALOCYANINES METALLIQUES

(71) L. MOLteni & C. DEI FRATELLI ALITTI SOCIETA' DI ESERCIZIO S.P.A. [IT/IT]; Strada Statale, 67 (Tosco-Romagnola), Località Granatieri, I-50018 Scandicci (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RONCUCCI, Gabrio [IT/IT]; Località Mensanello, 84, I-53034 Colle Val d'Elsa (IT). GIUNTI, Francesca [IT/IT]; Piazza del Popolo, 3, I-50024 Mercatale Val di Pesa (IT). DEI, Donata [IT/IT]; Località Santa Maria, 60, I-53037 San Gimignano (IT). DE FILIPPIS, Maria, Paola [IT/IT]; Via dei Cavatoli, 3, I-50122 Firenze (IT). SARRI, Paolo [IT/IT]; Via Sestese, 168, I-50141 Firenze (IT). POSSENTI, Marco [IT/IT]; Via della Piazzola, 5, I-50133 Firenze (IT). PASCETTA, Valentina [IT/IT]; Via Ferretti, 24, I-50027 Ferrone (IT). CHITI, Giacomo [IT/IT]; Via P. Maroncelli, 16, I-59013 Montemurlo (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 C07D 495/04, A61K 31/55 // (C07D 495/04, 333:00, 243:00)

(11) WO 03/037903 (13) A1

(21) PCT/US02/34701

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 877/MAS/2001 29 Oct/oct 2001 IN (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • OLANZAPINE DIHYDRATE-II A PROCESS FOR ITS PREPARATION AND USE THEREOF

• DIHYDRATE-II D'OLANZAPINE: SON PROCEDE DE PREPARATION ET SON UTILISATION

(71) DR. REDDY'S LABORATORIES LTD. [IN/IN]; 7-1-27, Ameerpet, 500016 Hyderabad (IN).

(for all designated States except / pour tous les États désignés sauf GD US)

(71, 72) CORD, Janet, I. [US/US]; 26 West 61st Street, New York, NY 10023 (US).
(only for / seulement pour GD)

(72, 75) REDDY, Reguri, Buchi [IN/IN]; Flat N° 404, Balaji Residency, 88/A, MIGH, Vengal Rao Nagar, 500038 Hyderabad (IN). RAMESH, Chakka [IN/IN]; Plot N° 11, Uma Nagar, New Bowenpally, 500011 Secunderabad (IN).

(74) CORD, Janet, I. et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07D 519/00, A61K 31/46, A61P 25/00, C07D 491/048, 495/04 // (C07D 519/00, 495:00, 451:00) (C07D 519/00, 491:00, 451:00) (C07D 491/048, 307:00, 241:00) (C07D 495/04, 333:00, 241:00)

(11) WO 03/037904 (13) A1

(21) PCT/FR02/03737

(22) 30 Oct/oct 2002 (30.10.2002)

(25) fr (26) fr

(30) 01/14220 2 Nov/nov 2001 FR (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NOVEL 3BETA-AMINO AZABICYCLOOCTANE HETEROAROMATIC AMIDE DERIVATIVES, PREPARATION METHOD AND THERAPEUTIC USES THEREOF

• NOUVEAUX DERIVES AMIDES HETEROAROMATIQUES DE 3β-AMINO AZABICYCLOOCTANE, LEUR PROCEDE DE PREPARATION ET LEURS APPLICATIONS EN THERAPEUTIQUE

(71) PIERRE FABRE MEDICAMENT [FR/FR]; 45, place Abel Gance, F-92100 Boulogne-Billancourt (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IMBERT, Thierry [FR/FR]; 16, route de Saix, F-81290 Viviers-les-Montagnes (FR). MONSE, Barbara [DE/DE]; Schäflerstrasse 6, 85358 Weichs (DE). KOEK,

Wouter [NL/US]; 228 Fleetwood Drive, San Antonio, TX 78232 (US).

(74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) AU BR CA CN JP MX US ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C07F 7/08, A61K 31/695, A61P 25/24

(11) WO 03/037905 (13) A1

(21) PCT/GB02/04900

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 0126036.3 30 Oct/oct 2001 GB (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SILICON COMPOUNDS

• COMPOSES DE SILICIUM

(71) AMEDIS PHARMACEUTICALS LIMITED [GB/GB]; Unit 209, Cambridge Science Park, Milton Road, Cambridge CB4 0GZ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TACKE, Reinhold [DE/DE]; Dornbuschweg 33, 97249 Eisingen (DE). DAISS, Jürgen [DE/DE]; Zweierweg 46, 97074 Würzburg (DE).

(74) GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C07H 3/02, C07D 309/16, 309/00, A23L 3/3481, A01N 43/16

(11) WO 03/037906 (13) A1

(21) PCT/GB02/04914

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 0126186.6 31 Oct/oct 2001 GB (31.10.2001)

(30) 60/343,368 21 Dec/déc 2001 US (21.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ANTIMICROBIAL USE OF ANHYDROFRUCTOSE DERIVATIVES

- UTILISATION ANTIMICROBIENNE DE DERIVES D'ANHYDROFRUCTOSE
- (71) **DANISCO A/S** [DK/DK]; Langebrogade 1, P.O. Box 17, DK-1001 Copenhagen K (DK). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BUCHTER-LARSEN, Aksel** [DK/DK]; Ole Bruuns Vej 13, DK-2920 Charlottenlund (DK). **MORGAN, Andrew, John** [GB/DK]; Fredensvej 1, DK-2950 Vedbæk (DK). **YU, Shukun** [DK/DK]; G Hejdemangatan 29, S-212 40 Malmö (SE).
- (74) **ALCOCK, David** et al. / etc.; D Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C07H 15/04
- (11) WO 03/037907 (13) A1
- (21) PCT/JP02/10797
- (22) 17 Oct/oct 2002 (17.10.2002)
- (25) ja (26) ja
- (30) 2001-335496 31 Oct/oct 2001 JP (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MALTITOL CRYSTAL CONTAINING CRYSTAL OF SACCHARIDE EXCEPT MALTITOL AND METHOD FOR PRODUCTION THEREOF
- CRISTAUX DE MALTITOL CONTENANT DES CRISTAUX D'UN SACCHARIDE AUTRE QUE LE MALTITOL ET PROCEDE DE PRODUCTION DE CES CRISTAUX
- (71) **KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUSHO** [JP/JP]; 4-8, Koraibashi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8543 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **UENO, Ryuzo** [JP/JP]; 10-27, Nango-cho, Nishinomiya-shi, Hyogo 662-0038 (JP). **TABATA, Akihiko** [JP/JP]; 3-1-6-401, Higashitada, Kawanishi-shi, Hyogo 666-0122 (JP). **HONDA, Junya** [JP/JP]; 502, Nishinomiyanajio-Windyhills-, Miharashinooka, 2-29, Higashiyamada, Nishinomiya-shi, Hyogo 669-1133 (JP). **FURUKAWA, Yojiro** [JP/JP]; 4-4-2-203, Chuo, Itami-shi, Hyogo 664-0851 (JP). **KURIYAMA, Yoshiaki** [JP/JP]; 4-1-5-207, Minamihanayashiki, Kawanishi-shi, Hyogo 666-0026 (JP).
- (74) **OHSHIMA, Masataka**; Ohshima Patent Office, Fukuya Bldg., 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).
- (81) AU CA JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ C07H 19/056, A01N 43/64, 43/647, 43/653, A61K 31/41
- (11) WO 03/037908 (13) A1
- (21) PCT/US02/35155
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 60/335,099 31 Oct/oct 2001 US (31.10.2001)
- (30) 60/335,096 31 Oct/oct 2001 US (31.10.2001)
- (30) 60/335,097 31 Oct/oct 2001 US (31.10.2001)
- (30) 60/335,095 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ANTIVIRAL COMBINATION THERAPY AND COMPOSITIONS
- THERAPIE DE COMBINAISON ANTIVIRALE ET COMPOSITIONS
- (71) **RIBAPHARM INC.** [US/US]; 3300 Hyland Avenue, Costa Mesa, CA 92626 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LAU, Johnson** [US/US]; 9 Seabluff, Newport Beach, CA 92660 (US).
- (74) **RUTAN & TUCKER, LLP** et al. / etc.; P.O. Box 1950, 611 Anton Blvd., Fourteenth Floor, Costa Mesa, CA 92628-1950 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
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- (51)⁷ C07H 21/00, A61K 48/00, C12N 15/00
- (11) WO 03/037909 (13) A1
- (21) PCT/CA02/01628
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 60/330,719 29 Oct/oct 2001 US (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ACYCLIC LINKER-CONTAINING OLIGONUCLEOTIDES AND USES THEREOF
- OLIGONUCLEOTIDES CONTENANT UN LIEUR ACYCLIQUE ET UTILISATIONS ASSOCIEES
- (71) **McGILL UNIVERSITY** [CA/CA]; 845 Sherbrooke Street West, Montreal, Quebec H3A 2T5 (CA). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DAMHA, Masad, J.** [CA/CA]; 3166 Pierre Thomas Hurteau, St. Hubert, Quebec J3Y 8N9 (CA). **VIAZOVKINA, Ekaterina** [CA/CA]; 4088 du Parc LaFontaine Ave, Apt. 14, Montreal, Quebec H2L 3M8 (CA). **MANGOS, Maria, M.** [CA/CA]; 1211-2125 St. Marc Street, Montreal, Quebec H3H 2P1 (CA). **PARNIAK, Michael, A.** [CA/US]; 20 Forbes Terrace, Pittsburgh, PA 15217 (US). **MIN, Kyung-Lyum** [CA/CA]; 3665 Avenue Ridgewood, Apt. 408, Montreal, Quebec H3V 1B4 (CA).
- (74) **GEORGIEV, Stephan, P.** et al. / etc.; Smart & Biggar, 1000 de la Gauchetière Street West, Suite 3400, Montreal, Quebec H3B 4W5 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/037910 (13) A2
- (21) PCT/US02/34708
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 60/330,756 30 Oct/oct 2001 US (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
- PROTEINES KINASE HUMAINES ISOLEES, MOLECULES D'ACIDE NUCLEIQUE CODANT LES PROTEINES KINASE HUMAINES ET LEURS APPLICATIONS
- (71) **APPLERA CORPORATION** [US/US]; c/o Wayne W. Montgomery, Assistant Secretary, Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **NEELAM, Beena** [GB/US]; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). **MILSHINA, Natalia** [RU/US]; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). **YAN, Chunhua** [CN/US]; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). **DI FRANCESCO, Valentina** [IT/US]; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). **BEASLEY,**

- Ellen, M. [US/US]; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). **KETCHUM, Karen** [US/US]; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US).
- (74) **MONTGOMERY, Wayne, W.**; c/o Applera Corporation, Assistant Secretary, Celera Genomics, 45 West Gude Drive C2-4#21, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/037911 (13) A2
- (21) PCT/US02/34727
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 60/343,306 29 Oct/oct 2001 US (29.10.2001)
- (30) 09/990,586 21 Nov/nov 2001 US (21.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ANTIBODIES FOR INHIBITING BLOOD COAGULATION AND METHODS OF USE THEREOF
- ANTICORPS PERMETTANT D'INHIBER LA COAGULATION SANGUINE ET PROCEDES D'UTILISATION ASSOCIES
- (71) **SUNOL MOLECULAR CORPORATION** [US/US]; 2810 North Commerce Parkway, Miramar, FL 33025 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JIAO, Jian-an** [CN/US]; 121 West Bay Bridge Drive, Fort Lauderdale, FL 33326 (US). **WONG, Hing, C.** [US/US]; 2966 Wentworth, Fort Lauderdale, FL 33332 (US). **NIEVES, Esperanza, Liliana** [US/US]; 1130 Northwest 78 Terr., Plantation, FL 33322 (US). **MOSQUERA, Luis, A.** [US/US]; 11147 S.W. 154th Court, Miami, FL 33196 (US).
- (74) **BUCHANAN, Robert, L.** et al. / etc.; Dike, Bronstein, Roberts & Cushman - IP Practice G, rroup of Edwards & Angell, LLP, P.O. Box 9169, Boston, MA 02209 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD
- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/037912 (13) A2
- (21) PCT/US02/34829
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 09/999,828 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • TRI-, TETRA-, AND PENTA-PEPTIDES HAVING ANTIANGIOGENIC ACTIVITY
- TRIPEPTIDES, TETRAPEPTIDES ET PENTAPEPTIDES A ACTIVITE ANTI-ANGIOGENESE
- (71) **ABBOTT LABORATORIES** [US/US]; Dept. 377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).
- (72) **HAVIV, Fortuna**; 1125 Oxford Road, Deerfield, IL 60015 (US). **BRADLEY, Michael, F.**; 2591 Augusta Drive, Wadsworth, IL 60083 (US).
- (74) **STEELE, Gregory, W.** et al. / etc.; Dept 377/AP6D-2, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).
- (81) CA JP MX.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ C07K
- (11) WO 03/037913 (13) A2
- (21) PCT/US02/35333
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 60/346,402 1 Nov/nov 2001 US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • AN ANTIBODY SELECTIVE FOR A TUMOR NECROSIS FACTOR-RELATED APOPTOSIS-INDUCING LIGAND RECEPTOR AND USES THEREOF
- ANTICORPS SELECTIF POUR UN RECEPTEUR DE LIGAND INDUISANT L' APOPTOSE CELLULAIRE EN LIAISON AVEC LE FACTEUR DE NECROSE TUMORALE ET UTILISATIONS DE CELUI-CI
- (71) **UAB RESEARCH FOUNDATION** [US/US]; 701 South 20th Street, Suite 1120G, Birmingham, AL 35294 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZHOU, Tong** [CH/US]; 332 West Stonebrook Place, Birmingham, AL 35226 (US). **KIMBERLY, Robert, P.** [US/US]; 2045 Magnolia Ridge, Birmingham, AL 35243 (US). **KOOPMAN, William, J.** [US/US]; 187 Wildwood Avenue, Indian Springs, AL 35124 (US). **LOBUGLIO, Albert, F.**
- [US/US]; 2204 Tanglewood Road, Birmingham, AL 35216 (US). **BUCHSBAUM, Donald, J.** [US/US]; 140 Windwood Circle, Montevallo, AL 35115 (US).
- (74) **MCKEON, Tina, Williams et al.** / etc.; Needle & Rosenberg, P.C., The Candler Building, 127 Peachtree Street, N.E., Atlanta, GA 30303-1811 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 1/20
- (11) WO 03/037914 (13) A2
- (21) PCT/DK02/00717
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) PA 2001 01598 30 Oct/oct 2001 DK (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • HIGH THROUGHPUT ISOLATION OF BIOLOGICAL COMPOUNDS
- ISOLEMENT A DEBIT ELEVE DE COMPOSES BIOLOGIQUES
- (71) **NOVOZYMES A/S** [DK/DK]; Krogshoejvej 36, DK-2880 Bagsvaerd (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FRISNER, Henrik** [DK/DK]; Kurlandsgade 26, 3. th., DK-2300 Copenhagen S (DK). **CHRISTENSEN, Lars, Lehmann, Hylling** [DK/DK]; Sandholmgaaardsvej 49, DK-3450 Allerød (DK).
- (74) **NOVOZYMES A/S**; Att.: Patents, Krogshoejvej 36, DK-2880 Bagsvaerd (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07K 2/00
- (11) WO 03/037915 (13) A1
- (21) PCT/KR02/02036
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) ko (26) en

- (30) 2001-0067369 **31 Oct/oct 2001** KR
(**31.10.2001**)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **BIOCOMPATIBLE POLYMERS INCLUDING PEPTIDE SPACER**
• **POLYMERES BIOCOMPATIBLES COMPRENANT UN PEPTIDE ESPACEUR**
- (71) **BIOPOLYMED INC.** [KR/KR]; 711 Korea TechnoComplex, 126-16, 5-ga, Anam-dong, Sungbuk-gu, 136-701 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PARK, Myung-Ok** [KR/KR]; #107-1403 Hakyulchunggu Apt., Hagye-dong, Nowon-gu, 139-230 Seoul (KR).
- (74) **SON, Min** et al. / etc.; 17th Floor, City Air Tower, 159-9 Samsung-dong, Gangnam-gu, 135-973 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 **C07K 5/062, 5/065, C07D 409/12, 333/38, 417/12, 413/12, A61K 38/05, 31/38, 31/425, A61P 25/00, 29/00**
- (11) **WO 03/037916** (13) **A2**
- (21) PCT/EP02/12022
- (22) **28 Oct/oct 2002 (28.10.2002)**
- (25) en (26) en
- (30) FI2001A000203 **29 Oct/oct 2001** IT
(**29.10.2001**)
- (30) FI2002A000104 **14 Jun/juin 2002** IT
(**14.06.2002**)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **LINEAR BASIC COMPOUNDS HAVING NK-2 ANTAGONIST ACTIVITY AND FORMULATIONS THEREOF**
• **COMPOSES DE BASE LINEAIRES POSSEDANT UNE ACTIVITE ANTAGONISTE NK-2 ET FORMULATIONS DE CES COMPOSES**
- (71) **MENARINI RICERCHES S.P.A.** [IT/IT]; Via Tito Speri, 10, I-00040 Pomezia (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SISTO, Alessandro** [IT/IT]; Via Proba Petronia, 43, I-00136 Rome (IT). **CA-CIAGLI, Valerio** [IT/IT]; Via Montaione, 41, I-00139 Roma (IT). **ALTAMURA, Maria** [IT/IT]; Via di San Gervasio, 32, I-50131 Firenze (IT). **GIOLITTI, Alessandro** [IT/IT]; Via Vittorio Emanuele II, 239, I-50134 Firenze (IT). **FEDI, Valentina** [IT/IT]; Via Limite, 8, I-50013 Campi Bisenzio (IT). **GUIDI, Antonio** [IT/IT]; Via Bronzino, 17, I-50142 Firenze (IT).
- GIANNOTTI, Danilo** [IT/IT]; Via Roma, 128, I-55011 Altopascio (IT). **HARMAT, Nicholas** [IT/IT]; Via Del Puglia, 49, I-50063 Figline Valdarno (IT). **NANNICINI, Rossano** [IT/IT]; Viale Europa, 118, I-52028 Terranova Bracciolini (IT). **PASQUI, Franco** [IT/IT]; Via Faravola Est 2/c, I-55049 Viareggio (IT). **MAGGI, Carlo, Alberto** [IT/IT]; Via Michelazzi, 43, I-50141 Firenze (IT).
- (74) **GERVASI, Gemma**; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria, 9, I-20122 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 7/04, 14/28, C12N 15/12, A61K 38/04, 38/17, 39/00, 39/395, 48/00, A61P 35/00, C12P 21/02, C12Q 1/68, G01N 33/15, 33/50, 33/53, 33/566**
- (11) **WO 03/037917** (13) **A1**
- (21) PCT/JP02/11206
- (22) **29 Oct/oct 2002 (29.10.2002)**
- (25) ja (26) ja
- (30) 2001/333219 **30 Oct/oct 2001** JP
(**30.10.2001**)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **TUMOR ANTIGEN**
• **ANTIGENE DE TUMEUR**
- (71, 72) **ITOH, Kyogo** [JP/JP]; 25-9, Keyakidai 2-chome, Kiyama-cho, Miyaki-gun, Saga 841-0205 (JP).
- (72, 75) **SHICHIJO, Shigeki** [JP/JP]; 47-3-608, Higashikushihara-machi, Kurume-shi, Fukuoka 830-0003 (JP).
- (74) **SHOJI, Takashi**; 6F, SN Iwamotocho Bldg., 2-10, Iwamotocho 3-chome, Chiyoda-ku, Tokyo 101-0032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 14/16**
- (11) **WO 03/037919** (13) **A2**
- (21) PCT/IB02/04550
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) en (26) en
- (30) 2001/8978 **31 Oct/oct 2001** ZA
(**31.10.2001**)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **HIV-1 SUBTYPE ISOLATE REGULATORY/ACCESSORY GENES, AND MODIFICATIONS AND DERIVATIVES THEREOF**
• **GENES REGULATEURS/ACCESSOIRES ISOLES DU SOUS-TYPE HIV-1, MODIFICATIONS ET DERIVES ASSOCIES**
- (71) **THE SOUTH AFRICAN MEDICAL RESEARCH COUNCIL** [ZA/ZA]; Fransis Van Zijl Drive, Parrowvallei, 7505 Cape Town (ZA). **UNIVERSITY OF CAPE TOWN** [ZA/ZA]; Lovers Walk, Rondebosch, 7701 Cape Town (ZA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WILLIAMSON, Carolyn** [ZA/ZA]; 7 Hill Rise, Pinelands, 7700 Cape Town (ZA). **VAN HARMELEN, Joanne, Heidi** [ZA/ZA]; 15 Parry Road, Claremont, 7708 Cape Town (ZA). **GRAY, Clive, Maurice** [ZA/ZA]; 1 Modderfontein Road, Sandringham, 2192 Johannesburg (ZA). **BOURN, William** [ZA/ZA]; 59 Severn Road, Plumstead, 7700 Cape Town (ZA). **KARIM,**

- Salim, Abdool** [ZA/ZA]; University of Natal, King George V Avenue, 4041 Durban (ZA).
- (74) **GILSON, David, Grant** et al. / etc.; Spoor and Fisher, PO Box 41312, 2024 Craighall (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 14/195
- (11) **WO 03/037920** (13) A2
- (21) PCT/EP02/12039
- (22) **28 Oct/oct 2002 (28.10.2002)**
- (25) en (26) en
- (30) 101 54 685.8 **29 Oct/oct 2001 (29.10.2001)** DE
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ENZYME-DEFICIENT C3 BOTULINUM PROTEIN SPECIES AND THEIR USE TO PROMOTE NEURONAL GROWTH AND NEURONAL REGENERATION
- ESPECES PROTEIQUES BOTULINIQUES C3 A DEFICIENCE ENZYMATIQUE ET LEUR UTILISATION POUR FAVORISER LA CROISSANCE NEURONALE ET LA REGENERESCENCE NEURONALE
- (71) **UNIVERSITÄTSKLINIKUM CHARITÉ DER HUMBOLDT-UNIVERSITÄT ZU BERLIN** [DE/DE]; 10098 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JUST, Ingo** [DE/DE]; Hammersteinstr. 7, 30177 Hannover (DE). **HOFMANN, Fred** [DE/DE]; Ludwig-Sievers-Ring 21, 30659 Hannover (DE). **AHNERT-HILGER, Gudrun** [DE/DE]; Schütte-Lanz-Str. 4A, 12209 Berlin (DE). **GROSSE, Gisela** [DE/DE]; Grünauer Str. 4, 12524 Berlin (DE).
- (74) **ZIEBIG, Marlene, K.** et al. / etc.; PATENTANWÄLTE 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 14/415, 16/16, A61K 39/395, A61P 37/02, C12P 21/08, G01N 33/53
- (11) **WO 03/037921** (13) A1
- (21) PCT/AU02/01473
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) en (26) en
- (30) PR 8490 **30 Oct/oct 2001 (30.10.2001)** AU
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IMMUNOINTERACTIVE MOLECULES AND USES THEREOF
- MOLECULES IMMUNO-INTERACTIVES ET LEURS UTILISATIONS
- (71) **COOPERATIVE RESEARCH CENTRE FOR ASTHMA** [AU/AU]; Level 8, Building 82, Royal Prince Alfred Hospital, Camperdown, New South Wales 2050 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **O'HEHIR, Robyn** [AU/AU]; 120 Gatehouse Street, Parkville, Victoria 3052 (AU).
- (74) **OBRANOVICH, Tania, D.** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, Victoria 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K 14/435, G01N 33/53
- (11) **WO 03/037923** (13) A1
- (21) PCT/EP02/11631
- (22) **17 Oct/oct 2002 (17.10.2002)**
- (25) en (26) en
- (30) 011 25 708.6 **27 Oct/oct 2001 (27.10.2001)** EP
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • AEQUORIN AS A GROWTH MARKER IN YEAST
- AEQUORINE SERVANT DE MARQUEUR DE CROISSANCE DANS LA LEVURE
- (71) **AVENTIS PHARMA DEUTSCHLAND GMBH** [DE/DE]; Brüningstrasse 50, 95929 Frankfurt (DE).
- (72) **FRAISSIGNES, Pauline**; 34, boulevard André Aune, F-13000 Marseille (FR). **GUEDIN, Denis**; 18, rue de Vallon de Pèbre, F-83440 Montauroux (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K 14/435, G01N 33/53
- (11) **WO 03/037924** (13) A1
- (21) PCT/EP02/11632
- (22) **17 Oct/oct 2002 (17.10.2002)**
- (25) en (26) en
- (30) 01125709.4 **27 Oct/oct 2001 (27.10.2001)** EP
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • AEQUORIN AS A REPORTER GENE IN YEAST

- AEQUORINE EN TANT QUE GENE
RAPPORTEUR DANS LES LEVURES
- (71) AVENTIS PHARMA DEUTSCHLAND
GMBH [DE/DE]; Brüningstrasse 50, 65929
Frankfurt (DE).
- (72) FRAISSIGNES, Pauline; 34, boulevard An-
dré Aune, F-13006 Marseille (FR). GUEDIN,
Denis; 18, rue de Vallon de Pèbre, F-83440
Montauroux (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C07K 14/435, D01D 5/253, D01B 7/00
- (11) WO 03/037925 (13) A2
- (21) PCT/EP02/12033
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) en (26) en
- (30) 0126118.9 31 Oct/oct 2001 GB
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PRECURSOR FEEDSTOCK FOR
FORMING FILAMENTS
- SOURCE PRECURSEUR DE FORMA-
TION DE FILAMENTS
- (71, 72) VOLLRATH, Fritz [DE/GB]; Upper-
woods Farm, Beckley, Oxford OX3 9TF
(GB).
- (74) HUBER & SCHÜSSLER; Truderinger
Strasse 246, 81825 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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK 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 14/44, C12N 15/30
- (11) WO 03/037926 (13) A1
- (21) PCT/CA02/01689
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 2,360,987 1 Nov/nov 2001 CA
(01.11.2001)
- (30) 60/349,371 22 Jan/jan 2002 US
(22.01.2002)
- (30) 60/349,339 22 Jan/jan 2002 US
(22.01.2002)
- (30) 60/393,385 5 Jul/juil 2002 US
(05.07.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DIAGNOSIS AND TREATMENT OF IN-
FECTIOUS DISEASES THROUGH IN-
DEL-DIFFERENTIATED PROTEINS
- DIAGNOSTIC ET TRAITEMENT DE
MALADIES INFECTIEUSES PAR L'IN-
TERMEDIAIRE DE PROTEINES DIF-
FERENCIEES D'INSERTION/SUP-
PRESSION
- (71) THE UNIVERSITY OF BRITISH CO-
LUMBIA [CA/CA]; University - Industry
Liaison Office, 2194 Health Sciences Mall,
IRC Room 331, Vancouver, British Columbia
V6T 1Z3 (CA).
- (for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) REINER, Neil, E. [CA/CA]; 620 West
17th Avenue, Vancouver, British Columbia
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[RU/CA]; #1006-550 West 12th Avenue, Van-
couver, V5Z 1M3 (CA). NANDAN, Devki
[CA/CA]; 7657 Prince Edward Street, Van-
couver, British Columbia V5X 3R4 (CA).
- (74) ROBINSON, Christopher, J. 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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C07K 14/47, C12N 15/12, 5/10, 1/15, 1/19,
1/21, C12P 21/02, C07K 16/18, C12Q 1/02,
A61K 38/16, 39/395, 45/00, A61P 11/00
- (11) WO 03/037927 (13) A1
- (21) PCT/JP02/11417
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) ja (26) ja
- (30) 2001/337864 2 Nov/nov 2001 JP
(02.11.2001)
- (30) 2001/380099 13 Dec/déc 2001 JP
(13.12.2001)
- (30) 2002/10035 18 Jan/jan 2002 JP
(18.01.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • NOVEL PROTEIN, ITS DNA AND USE
THEREOF
- NOUVELLE PROTEINE, SON ADN ET
SON UTILISATION
- (71) TAKEDA CHEMICAL INDUSTRIES,
LTD. [JP/JP]; 1-1, Doshomachi 4-chome,
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- (for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) NAKANISHI, Atsushi [JP/JP];
1557-11, Hanamuro, Tsukuba-shi, Ibaraki
305-0025 (JP). MORITA, Shigeru [JP/CA];
Apart. 1103, 160 Chapel Street, Ottawa,
Ontario K1N 8P5 (CA).
- (74) KOBAYASHI, Hiroshi et al. / etc.; Fukuoka
Bldg. 9th Fl., 8-7, Yaesu 2-chome, Chuo-ku,
Tokyo 104-0028 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK 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 14/60, A61K 38/25, A61P 5/02
- (11) WO 03/037928 (13) A2
- (21) PCT/PL02/00080
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) P-350463 31 Oct/oct 2001 PL
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • NEW PEPTIDES - ANALOGS OF HU-
MAN GROWTH HORMONE-RELEAS-
ING HORMONE
- NOUVEAUX PEPTIDES, ANALOGUES
DE L'HORMONE DE LIBERATION DE
L'HORMONE DE CROISSANCE
- (71) INSTYTUT FARMACEUTYCZNY
[PL/PL]; Jednostka Badawczo-Rozwojowa,
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Warszawa (PL).
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les États désignés sauf US)
- (72, 75) IZDEBSKI, Jan [PL/PL]; ul. królowej
Marysienki 31 m. 105, PL-02-954 Warsaw
(PL). KUNCE, Danuta [PL/PL]; ul. Dzia-
lynczykow 2, PL-04-495 Warszawa (PL).
ORLOWSKA, Alicja [PL/PL]; ul. Osowska
10/12 m. 25, PL-04-302 Warszawa (PL).
WITKOWSKA, Ewa [PL/PL]; ul. Szek-
spira 1 m. 40, PL-01-913 Warszawa (PL).
SZELEJEWSKI, Wieslaw [PL/PL]; ul. Sw.
Ptryk 2 m.15, PL-03-980 Warszawa (PL).
KUTNER, Andrzej [PL/PL]; ul. Surowieck-
iego 8 m.12, PL-02-785 Warszawa (PL).
BANKOWSKI, Krzysztof [PL/PL]; ul.
Conrada 18 m. 23, PL-01-922 Warszawa
(PL). FRACKIEWICZ, Elzbieta [PL/PL];
ul. Przasnyska 20A m. 68, PL-01-756
Warszawa (PL).
- (74) KRZYWDZINSKA, Ewa; Instytut Far-
maceutyczny, ul. Rydygiera 8, PL-01-793
Warszawa (PL).
- (81) AT AU BA BG BR BY CA CH CN CZ DE
DK EE ES FI GB HR HU IL IN IS JP KR LT
LU LV MD MK MX NO NZ PT RO RU SE
SI SK TR UA US YU ZA.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP
(AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR IE IT LU MC NL PT SE SK TR).

- (51)⁷ C07K 14/705
(11) WO 03/037929 (13) A1
(21) PCT/EP02/12104
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 60/330,846 1 Nov/nov 2001 US (01.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • POLYNUCLEOTIDES ENCODING HUMAN POTASSIUM CHANNEL POLYPEPTIDES
• POLYNUCLEOTIDES CODANT DES POLYPEPTIDES DU CANAL POTASSIQUE HUMAIN
(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) ZHU, Zhimin [CN/US]; 45 Hinckley Road, Waban, MA 02468 (US).
(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US 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 IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

- (51)⁷ C07K 14/705, 16/28, C12Q 1/68, C12N 1/15, 1/19, 1/21, 5/10, 15/12, 15/64, C12P 21/02, G01N 33/53
(11) WO 03/037930 (13) A1
(21) PCT/JP02/11207
(22) 29 Oct/oct 2002 (29.10.2002)
(25) ja (26) ja
(30) 2001-331007 29 Oct/oct 2001 JP (29.10.2001)
(30) 2001-333258 30 Oct/oct 2001 JP (30.10.2001)
(30) 2001-345262 9 Nov/nov 2001 JP (09.11.2001)
(43) 8 May/mai 2003 (08.05.2003)

- (54) • NOVEL HUMAN N-METHYL-D-ASPARATATE (NMDA) GLUTAMATE RECEPTOR POLYPEPTIDE AND GENE ENCODING THE SAME
• NOUVEAU POLYPEPTIDE RECEPTEUR N-METHYL-D-ASPARTATE (NMDA) DU GLUTAMATE ET GENE CODANT POUR CELUI-CI
(71) KAZUSA DNA RESEARCH INSTITUTE FOUNDATION [JP/JP]; 6-7, Kazusakamatari 2-chome, Kisarazu-shi, Chiba 292-0818 (JP). MITSUBISHI PHARMA CORPORATION [JP/JP]; 6-9, Hiranomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP). IRITANI, Shuji [JP/JP]; Room 110, Abitashion-rokakouen, 11-25, Kasuya 2-chome, Setagaya-ku, Tokyo 157-0063 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(71, 72) MORI, Hiroshi [JP/JP]; Room301, Haitzu-kosumo-21, 3-45, Nakamichi 1-chome, Higashinari-ku, Osaka-shi, Osaka 537-0025 (JP).
(72, 75) OHARA, Osamu [JP/JP]; c/o KAZUSA DNA RESEARCH INSTITUTE FOUNDATION, 6-7, Kazusakamatari 2-chome, Kisarazu-shi, Chiba 292-0818 (JP). NAGASE, Takahiro [JP/JP]; c/o KAZUSA DNA RESEARCH INSTITUTE FOUNDATION, 6-7, Kazusakamatari 2-chome, Kisarazu-shi, Chiba 292-0818 (JP). KIKUNO, Reiko [JP/JP]; c/o KAZUSA DNA RESEARCH INSTITUTE FOUNDATION, 6-7, Kazusakamatari 2-chome, Kisarazu-shi, Chiba 292-0818 (JP). YAMAGAMI, Keiji [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, Tokyo Head Office, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). OHASHI, Yoshitaka [JP/JP]; c/o MITSUBISHI PHARMA CORPORATION, Tokyo Head Office, 2-6, Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP).
(74) SHOJI, Takashi; 6F, SN Iwamotocho Bldg., 2-10, Iwamotocho 3-chome, Chiyoda-ku, Tokyo 101-0032 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 14/705
(11) WO 03/037931 (13) A2
(21) PCT/US02/35129
(22) 1 Nov/nov 2002 (01.11.2002)
(25) en (26) en
(30) 60/334,773 1 Nov/nov 2001 US (01.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • HUMAN ANGIOMOTIN-LIKE PROTEIN 1

- PROTEINE 1 DE TYPE ANGIOMOTINE HUMAINE
(71) AMERSHAM BIOSCIENCES (SV) CORP [US/US]; 928 East Arques Avenue, Sunnyvale, CA 94085 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SHANNON, Mark [US/US]; 3131-1 Arcadia Common, Livermore, CA 94550 (US). PHAN, Thuymy [VN/US]; 2512 Zachary Way, San Jose, CA 95121 (US).
(74) RYAN, Stephen, G.; Amersham Biosciences Corp, 800 Centennial Avenue, Piscataway, NJ 08855 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 : (g2)

- (51)⁷ C07K 14/745
(11) WO 03/037932 (13) A2
(21) PCT/DK02/00726
(22) 1 Nov/nov 2002 (01.11.2002)
(25) en (26) en
(30) PA 2001 01627 2 Nov/nov 2001 DK (02.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • HUMAN COAGULATION FACTOR VII POLYPEPTIDES
• POLYPEPTIDES DU FACTEUR VII DE COAGULATION HUMAIN
(71) NOVO NORDISK A/S [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).
(72) PERSSON, Egon; 62 Lundavägen, S-232 52 Åkarp (SE). OLSEN, Ole, Hvilsted; 38 Bækkeskovvej, DK-2700 Brønshøj (DK).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C07K 14/78
(11) WO 03/037933 (13) A2
(21) PCT/CH02/00587
(22) 30 Oct/oct 2002 (30.10.2002)
(25) de (26) de
(30) 1986/01 30 Oct/oct 2001 CH (30.10.2001)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) ● DERMOPHARMACEUTICALLY AND COSMETICALLY ACTIVE OLIGOPEPTIDES
● OLIGOPEPTIDE A ACTION DERMOPHARMACEUTIQUE ET COSMETIQUE
- (71) PENTAPHARM AG [CH/CH]; Engelgasse 109, CH-4052 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LUDIN, Christian [DE/CH]; Gempenring 4, CH-4147 Aesch (CH). HEIDL, Marc [DE/DE]; Im Proli 9, 79639 Grenzach-Wyhlen (DE). ZIEGLER, Hugo [CH/CH]; Im Bohnacker 15, CH-4108 Witterswil (CH).
- (74) BRAUN, André; Braun & Partner, Reussstrasse 22, CH-4054 Basel (CH).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ C07K 16/18, A61K 39/00
- (11) WO 03/037934 (13) A1
- (21) PCT/KR02/02020
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) ko (26) en
- (30) 2001/67131 30 Oct/oct 2001 KR (30.10.2001)
- (30) 2002/66311 30 Oct/oct 2002 KR (30.10.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) ● METHOD FOR ASSAY OF PROTEIN KINASE A ACTIVITY USING ANTI-PHOSPHOKEMPTIDE ANTIBODY IN DIAGNOSIS OF CANCER
● TECHNIQUE DE DOSAGE D'ACTIVITE DE PROTEINE KINASE A AU MOYEN D'ANTICORPS ANTI-PHOSPHOKEMPTIDE DANS LE DIAGNOSTIC DU CANCER
- (71) A.B.I CO., LTD [KR/KR]; #2-20, Keumamdong, Duckjin-gu, 561-180 Jeonju-si, Cheollabuk-do (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIM, Uh-Hyun [KR/KR]; #1-703, Lucky APT., Uhadong, Duckjin-gu, 561-220 Jeonju-si, Cheollabuk-do (KR). PARK, Kwang-Hyun [KR/KR]; #104-1811, Shinil APT., Songcheon 1-dong, Duckjin-gu, 561-757 Jeonju-si, Cheollabuk-do (KR). CHUNG, Mi-Sun [KR/KR]; #203-505, Ihnhuggummaeul Buyoung APT., 890-1, Ihnhu-dong 1ga, Duckjin-gu, 561-827 Jeonju-si, Cheollabuk-do (KR).
- (74) LEE, Duck-Rog; YEIL Patent & Trademark Int'l, 2nd FL., Yeil BLDG., #700-19, Yorksam-dong, Kangnam-ku, 135-513 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ C08B 37/08
- (11) WO 03/037935 (13) A1
- (21) PCT/KR02/01517
- (22) 9 Aug/août 2002 (09.08.2002)
- (25) ko (26) en
- (30) 2001-68229 2 Nov/nov 2001 KR (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) ● THE ACETYLATION METHOD OF CHITOSAN
● PROCEDE D'ACETYLATION DU CHITOSANE
- (71) KUNPOONG BIO CO.,LTD [KR/KR]; #903 Uri venture town, 684-2 Deungchon-dong, Gangseo-gu, 157-030 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OH, Chen-gum [KR/KR]; #6-403 geosan APT, 171-8 Goegan-dong, Sosa-gu, 422-090 Bucheon, Gyeonggi-do (KR). PARK, Seung-Lim [KR/KR]; #313-503 daeudaerim APT, 113-7 Ildo 2-dong, 690-012 Jeju, Jeju-do (KR).
- (74) KIM, Hijoan; #1604 Honor's ville, 1380-1 Dunsan-dong, Seo-gu, 302-831 Daejon (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ C08F 4/02, 4/60, 10/00, B01J 32/00
- (11) WO 03/037937 (13) A1
- (21) PCT/US01/46085
- (22) 23 Oct/oct 2001 (23.10.2001)
- (25) en (26) en
- (30) 2200-01 18 Oct/oct 2001 VE (18.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) ● DIENE FUNCTIONALIZED CATALYST SUPPORTS AND SUPPORTED CATALYST COMPOSITIONS
● SUPPORTS DE CATALYSEURS FONCTIONNALISES PAR UN DIENE ET COMPOSITIONS CATALYSANTES SUPPORTEES
- (71) THE DOW CHEMICAL COMPANY [US/US]; 2030 DOW CENTER, MIDLAND, MI 48674 (US).
- (62) 1 Nov/nov 2002 (01.11.2002)
- (25) zh (26) zh
- (30) 01134384.2 2 Nov/nov 2001 CN (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) ● VISIBLE-LIGHT CURABLE COMPOSITION
● COMPOSITION VISIBLE PHOTODURCISSABLE
- (71) INSIGHT HIGH TECHNOLOGY CO., LTD. [CN/CN]; 4F, TH-UNIS Building II, Tsinghua University, Beijing 100084 (CN). ZHUHAI DONGCHENG CHEMICAL CO. LTD. [CN/CN]; Nanshui Chemical Special Administrative Area, Zhuhai, Guangdong 519050 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YIN, Yingwu [CN/CN]; 4F, TH-UNIS Building II, Tsinghua University, Beijing 100084 (CN). TAN, Haoya [CN/CN]; 4F, TH-UNIS Building II, Tsinghua University, Beijing 100084 (CN). ZHAO, Wenchao [CN/CN]; 4F, TH-UNIS Building II, Tsinghua University, Beijing 100084 (CN). ZHONG, Zhenlou [CN/CN]; 4F, TH-UNIS Building II, Tsinghua University, Beijing 100084 (CN).
- (74) LUNG TIN INTERNATIONAL PATENT & TRADEMARK AGENT LTD.; 18th Floor, Tower B, Grand Place, No. 5 Huizhong Road, Chaoyang District, Beijing 100101 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ C08F 4/00, C08L 23/00
- (11) WO 03/037936 (13) A1
- (21) PCT/CN02/00777

- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VOGEL, Alexander** [DE/US]; 2222 Maroneal No. 1517, Houston, TX 77030 (US).
- (74) **BAI, J., Benjamin**; Jenkens & Gilchrist, 1100 Louisiana, Ste. 1800, Houston, TX 77002 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US VZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08F 4/642, 210/16**
- (11) **WO 03/037938** (13) A2
- (21) PCT/US02/31049
- (22) **28 Sep/sep 2002 (28.09.2002)**
- (25) en (26) en
- (30) 10/000,665 **31 Oct/oct 2001** US
(**31.10.2001**)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS FOR ADJUSTING MELT PROPERTIES OF METALLOCENE CATALYZED OLEFIN COPOLYMERS
- PROCEDES POUR AJUSTER LES PROPRIETES DE FUSION DE COPOLYMERES D'OLEFINES CATALYSES PAR METALLOCENES
- (71) **UNIVATION TECHNOLOGIES, LLC** [US/US]; Suite 1950, 5555 San Felipe, Houston, TX 77056 (US).
- (72) **CROWTHER, Donna, Jean**; 2725 Moss Court, Seabrook, TX 77586 (US). **LUE, Ching-Tai**; 14938 Redwood Bend Trail, Houston, TX 77062 (US). **MATSUNAGA, Phillip, Thomas**; 16403 Heatherdale Drive, Houston, TX 77059 (US).
- (74) **FAULKNER, Kevin, M. et al. / etc.**; Suite 1950, 5555 San Felipe, Houston, TX 77056 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 4/658, 10/00**
- (11) **WO 03/037939** (13) A1
- (21) PCT/JP02/11429
- (22) **1 Nov/nov 2002 (01.11.2002)**
- (25) ja (26) ja
- (30) 2001-336660 **1 Nov/nov 2001** JP
(**01.11.2001**)
- (30) 2001-336661 **1 Nov/nov 2001** JP
(**01.11.2001**)
- (30) 2001-336662 **1 Nov/nov 2001** JP
(**01.11.2001**)
- (30) 2001-336663 **1 Nov/nov 2001** JP
(**01.11.2001**)
- (30) 2002-135228 **10 May/mai 2002** JP
(**10.05.2002**)
- (30) 2002-135229 **10 May/mai 2002** JP
(**10.05.2002**)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **SOLID CATALYST COMPONENT FOR OLEFIN POLYMERIZATION, CATALYST FOR OLEFIN POLYMERIZATION, AND PROCESS FOR PRODUCING OLEFIN POLYMER**
- **ELEMENT DE CATALYSEUR SOLIDE POUR POLYMERISATION D'OLEFINES, CATALYSEUR POUR POLYMERISATION D'OLEFINES ET PROCEDE D'OBTENTION DE POLYMERE D'OLEFINE**
- (71) **IDEMITSU PETROCHEMICAL CO., LTD.** [JP/JP]; 6-1, Yokoami 1-chome, Sumida-ku, Tokyo 130-0015 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TANASE, Shojiro** [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP). **SADASHIMA, Takanori** [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP).
- (74) **WATANABE, Kihei**; Shibashin Kanda Bldg. 3rd Floor, 26, Kanda Suda-cho 1-chome, Chiyoda-ku, Tokyo 101-0041 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ **C08F 10/10, 210/12, 4/52, 4/12**
- (11) **WO 03/037940** (13) A1
- (21) PCT/CA02/01619
- (22) **28 Oct/oct 2002 (28.10.2002)**
- (25) en (26) en
- (30) 2,360,611 **30 Oct/oct 2001** CA
(**30.10.2001**)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **TRANSITION METAL-FREE INITIATOR FOR THE PREPARATION OF ISOBUTYLENE-BASED POLYMERS**
- **INITIATEUR EXEMPT DE METAL DE TRANSITION UTILISE DANS LA PREPARATION DE POLYMERES A BASE D'ISOBUTYLENE**
- (71) **BAYER INC.** [CA/CA]; Patent Department, 1265 Vidal St. S., P.O. Box 3001, Sarnia, Ontario N7T 7M2 (CA).
- (72) **BAIRD, Michael, C.**; 60 Watts Cres., Kingston, Ontario K7M 2P3 (CA). **KUMAR, Rajesh, J.**; c/o Department of Pathology and Laboratory Medicine, 2211 Wesbrook Mall, University of British Columbia, Vancouver, British Columbia V6T 2B5 (CA). **DREWITT, Mark, J.**; 1018 Lakeshore Dr., Sarnia, Ontario N7V 2V4 (CA). **TSE, Calvin, K., W.**; 25 Protea Garden, North York, Ontario M2K 2W5 (CA).
- (74) **SMART & BIGGAR**; 55 Metcalfe Street, Suite 900, P.O. Box 2999, Station D, Ottawa, Ontario K1P 5Y6 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :**
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)⁷ **C08F 210/16, 297/08, 2/14**
- (11) **WO 03/037941** (13) A1
- (21) PCT/GB02/04934
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) en (26) en
- (30) 0126147.8 **31 Oct/oct 2001** GB
(**31.10.2001**)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **TWO-STEP POLYMERIZATION PROCESS**
- **PROCEDE DE POLYMERISATION EN DEUX ETAPES**
- (71) **BOREALIS TECHNOLOGY OY** [FI/FI]; P.O. Box 330, FIN-06101 Porvoo (FI).
- (for all designated States except / pour tous les États désignés sauf US)
- (71) **CAMPBELL, Neil** [GB/GB]; 179 Queen Victoria Street, London EC4V 4EL (GB).
- (only for / seulement pour GB)
- (72, 75) **KALLIO, Kalle** [FI/FI]; Piispankatu 6 E, FIN-06100 Porvoo (FI). **KINNUNEN, Esa** [FI/FI]; Katjamäentie 15, FIN-06100 Porvoo (FI). **LEHTINEN, Arja** [FI/FI]; Fleminginkatu 4 A 9, FIN-00530 Helsinki (FI). **MALMBERG, Anneli** [FI/FI]; Uusi Porvoontie 844-17, FIN-01120 Västerskog (FI). **ORA, Marja** [FI/FI]; Malvatie 19 A, FIN-01390 Vantaa (FI).
- (74) **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 (Utility model / modèle d'utilité) DE DK (Utility model /

modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08F 220/18, 265/04

(11) WO 03/037942 (13) A1

(21) PCT/EP02/12122

(22) 30 Oct/oct 2002 (30.10.2002)

(25) de (26) de

(30) 101 53 386.1 30 Oct/oct 2001 DE (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PARTICULATE, PARTIALLY OR FULLY CROSS-LINKED RUBBER AND THE USE OF THE SAME

• CAOUTCHOUC PARTICULAIRE, PARTIELLEMENT OU TOTALEMENT RE-TICULE, ET SON UTILISATION

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigschafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCKEE, Graham, Edmund [GB/DE]; Heinrich-Strieffler-Str. 68, 67433 Neustadt (DE). SCHMIEDBERGER, Helmut [DE/DE]; Tilsiter Strasse 34, 67117 Limburgerhof (DE). LACH, Christian [DE/DE]; Eduard-Jost-Strasse 16, 67098 Bad Dürkheim (DE).

(74) REITSTÖTTER, KINZEBACH & PARTNER, et al. / etc.; 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 220/28, C09D 133/14

(11) WO 03/037943 (13) A1

(21) PCT/US02/27077

(22) 9 Aug/août 2002 (09.08.2002)

(25) en (26) en

(30) 10/039,721 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HYDROPHOBIC LATTICES AND COATING COMPOSITIONS CONTAINING THEM

• RESEAUX HYDROPHOBES ET COMPOSITIONS DE REVETEMENT LES CONTENANT

(71) BASF CORPORATION [US/US]; Patent Department, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRANDHEE, Sunitha [IN/US]; 22109 Greentree, Novi, MI 48375 (US).

(74) SABOURIN, Anne, Gerry et al. / etc.; BASF Corporation, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ C08F 283/12, G02B 1/04, C08G 77/24

(11) WO 03/037944 (13) A1

(21) PCT/US02/32166

(22) 8 Oct/oct 2002 (08.10.2002)

(25) en (26) en

(30) 10/005,552 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SILICONE HYDROGELS BASED ON VINYL CARBONATE END-CAPPED FLUORINATED SIDE CHAIN POLYSILOXANES

• HYDROGELS DE SILICONE A BASE DE POLYSILOXANES A CHAINE LATERALE FLUOREE COIFFES AUX EXTREMITES PAR DU CARBONATE DE VINYLE

(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). SEELYE, David, E.; P.O. Box 356, North Chili, NY 14514 (US).

(74) THOMAS, John, E. 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 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 C08F 293/00, 2/38, C08L 53/00

(11) WO 03/037945 (13) A1

(21) PCT/JP02/11178

(22) 28 Oct/oct 2002 (28.10.2002)

(25) ja (26) ja

(30) 2001-331437 29 Oct/oct 2001 JP (29.10.2001)

(30) 2001-335441 31 Oct/oct 2001 JP (31.10.2001)

(30) 2001-335442 31 Oct/oct 2001 JP (31.10.2001)

(30) 2001-359268 26 Nov/nov 2001 JP (26.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ACRYLONITRILE-CONTAINING BLOCK COPOLYMER AND THERMOPLASTIC RESIN COMPOSITIONS

• COPOLYMER SEQUENCE A BASE D'ACRYLONITRILE ET COMPOSITIONS DE RESINES THERMOPLASTIQUES

(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) TSUJI, Ryotaro [JP/JP]; c/o Kaneka Corporation, 5-1-1, Torigai-nishi, Settsu-shi, Osaka 566-0072 (JP). KUMASAKI, Atsushi [JP/JP]; c/o Kaneka Corporation, 5-1-1, Torigai-nishi, Settsu-shi, Osaka 566-0072 (JP). HIRO, Tomoki [JP/JP]; c/o Kaneka Corporation, 5-1-1, Torigai-nishi, Settsu-shi, Osaka 566-0072 (JP).

(74) NANJO, Hiromichi; 5th Floor, Okina Bldg., 2-9, Nishitenma 3-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C08F 297/02, 297/04, C08L 53/00, 53/02, C08F 36/04, B60C 1/00

(11) WO 03/037946 (13) A2

(21) PCT/EP02/12205

(22) 31 Oct/oct 2002 (31.10.2002)

(25) fr (26) fr

(30) 01/14417 31 Oct/oct 2001 FR (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF PREPARING BLOCK COPOLYMERS FOR TYRE TREAD COMPOSITIONS AND THE COPOLYMERS THUS PREPARED

• PROCEDE DE PREPARATION DE COPOLYMERES A BLOCS POUR COMPOSITIONS DE BANDE DE ROULEMENT DE PNEUMATIQUE, ET CES COPOLYMERES

(71) SOCIETE DE TECHNOLOGIE MICHELIN [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR).

(for all designated States except / pour tous les États désignés sauf CA MX US)

(71) MICHELIN RECHERCHE ET TECHNIQUE S.A. [CH/CH]; 10 et 12, route Louis-Braille, CH-1763 Granges-Paccot (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROBERT, Pierre [FR/FR]; 39, rue des Lièvres, F-63170 Perignat Les Sarlieve (FR). FAVROT, Jean-Michel [FR/FR]; 33, rue des Vergers, F-63800 Courmon d'Auvergne (FR). LESAGE, Pierre [FR/FR]; 3, Rue Pierre Besset, F-63000 Clermont-Ferrand (FR).

(74) HIEBEL, Robert; M. F. P. Michelin, SGD/LG/PI- F35 - Ladoux, F-63040 Clermont-Ferrand Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08G 18/00

(11) WO 03/037947 (13) A2

(21) PCT/DE02/03953

(22) 19 Oct/oct 2002 (19.10.2002)

(25) de (26) de

(30) 101 52 853.1 25 Oct/oct 2001 DE (25.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HARDENABLE MIXTURE BASED ON PRODUCTS OF HYDROLYSIS OF ORGANOSILANES AND BLOCKED POLYISOCYANATES

• MELANGE DURCISSABLE A BASE D'HYDROLYSATS D'ORGANOSILANES ET DE POLYISOCYANATES BLOQUES

(71) NTC NANO TECH COATINGS GMBH [DE/DE]; Dirminger Strasse 17, 66636 Tholey (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WAGNER, Georg [DE/DE]; Umweg 24, 66646 Marpingen (DE).

(74) MUTZBAUER, Helmut; Vigilienstrasse 20, 67098 Bad Dürkheim (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 C08G 18/12, C08F 283/00, C08G 18/76, 18/50

(11) WO 03/037948 (13) A1

(21) PCT/US02/33751

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 10/055,220 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • RIGID HYBRID POLYURETHANE FOAMS

• MOUSSES DE POLYURETHANE HYBRIDES RIGIDES

(63) US 10/055,220 (CIP) 29 Oct/oct 2001 (29.10.2001)

(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) LEKOVIC, Huzeir [BA/US]; 5920 Houghton, Troy, MI 48098 (US). BILLOTTO, Frank, V. [US/US]; 903 High Street, Rochester, MI 48307 (US).

(74) SIMS, Norman, L.; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08G 18/40, 18/48, 18/70

(11) WO 03/037949 (13) A1

(21) PCT/EP02/11658

(22) 18 Oct/oct 2002 (18.10.2002)

(25) de (26) de

(30) 101 53 690.9 31 Oct/oct 2001 DE (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LOW APPARENT DENSITY WATER BLOWN FOAMED PLASTICS CONTAINING POLYURETHANE GROUPS

• MOUSSES A DENSITE APPARENTE FAIBLE, SOUFFLEES A L'EAU ET CONTENANT DES GROUPES POLYURETHANNE

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALBACH, Rolf [DE/DE]; Hufelandstr. 69, 51061 Köln (DE). MAYER, Eduard [DE/DE]; Rheinfelder Str. 118, 41539 Dormagen (DE). CIRUJEDA-RANZENBERGER, Juan [ES/ES]; Balmes 430, 7B, 08022 Barcelona (ES).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 C08G 18/65, C08J 5/24, C08L 75/04

(11) WO 03/037950 (13) A1

(21) PCT/JP02/11344

(22) 31 Oct/oct 2002 (31.10.2002)

(25) ja (26) ja

(30) 2001-333973 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MATRIX RESIN COMPOSITION FOR FIBER-REINFORCED PLASTICS AND PROCESS FOR PRODUCTION OF FIBER-REINFORCED PLASTICS

• COMPOSITION DE RESINE D'ENROBAGE DESTINEE A DES PLASTIQUES RENFORCES DE FIBRE ET PROCESSUS DE PRODUCTION DE PLASTIQUES RENFORCES DE FIBRE

(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) HAYASHI, Noriya [JP/JP]; c/o NAGOYA Research & Development Centre, MITSUBISHI HEAVY INDUSTRIES, LTD., 1, Aza Takamichi, Iwatsuka-cho, Nakamura-ku, Nagoya-shi, Aichi 453-8515 (JP). HAYASHI, Shunichi [JP/JP]; c/o NAGOYA Research & Development Center, MITSUBISHI HEAVY INDUSTRIES, LTD., 1, Aza Takamichi, Iwatsuka-cho, Nakamura-ku, Nagoya-shi, Aichi 453-8515 (JP). MIWA, Norio [JP/JP]; c/o Churyo Engineering Co., Ltd., 60-1 Kutanjo Iwatsuka-cho, Nakamura-ku, Nagoya-shi, Aichi 453-0862 (JP). NOHARA, Toshikatsu [JP/JP]; c/o CHUGAI TECHNOS CO., LTD., 9-12 Yokogawa-shin-machi, Nishi-ku, Hiroshima-shi, Hiroshima 468-0011 (JP).
- (74) OKUYAMA, Shoichi et al. / etc.; 8th Floor, Akasaka NOA Bldg., 2-12, Akasaka 3-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) CA CN IN KR RU US.
- (84) EP (DE FR GB SE).
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- (51)⁷ C08G 18/72, 18/50, 18/02, C09D 11/10
 (11) WO 03/037951 (13) A1
 (21) PCT/US02/29398
 (22) 16 Sep/sep 2002 (16.09.2002)
 (25) en (26) en
 (30) 10/999,231 26 Oct/oct 2001 US (26.10.2001)
 (30) 10/001,351 26 Oct/oct 2001 US (26.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • NOVEL TONER COMPOUNDS AND COMPOSITIONS FOR BLACK OFFSET INKS
 • NOUVEAUX COMPOSES ET COMPOSITIONS DE TONER POUR ENCRETS OFFSET NOIRES
 (71) MILLIKEN & COMPANY [US/US]; 920 Milliken Road, Spartanburg, SC 29303 (US).
 (72) BATLAW, Rajnish; 102 Coventry Court, Spartanburg, SC 29301 (US).
 (74) PARKS, William, S.; Milliken & Company, Legal Department (M-495), 920 Milliken Road, Spartanburg, SC 29303 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08G 18/80, C09D 175/04, 133/06
 (11) WO 03/037952 (13) A1
 (21) PCT/EP02/11585
 (22) 16 Oct/oct 2002 (16.10.2002)
 (25) de (26) de
 (30) 101 53 645.3 31 Oct/oct 2001 DE (31.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
- (54) • HARDENABLE MIXTURE OF SUBSTANCES, PRODUCTION METHOD AND USE THEREOF
 • MELANGE DE SUBSTANCES DURCISSABLE, SON PROCEDURE DE PRODUCTION ET SON UTILISATION
 (71) BASF COATINGS AG [DE/DE]; Glasuritstr. 1, 48165 Münster (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) BAUMGART, Hubert [DE/DE]; Am Dornbusch 44a, 48163 Münster (DE). HASSE, Sandra [DE/DE]; Herrenstein 79b, 48317 Drensteinfurt (DE). KLEINE BECKMANN, Helmut [DE/DE]; Erlenweg 4, 48346 Ostbevern (DE). COOK, Vincent [DE/DE]; Tuplenweg 21, 48165 Münster (DE).
 (74) FITZNER, Uwe; Lintorfer Str. 10, 40878 Ratingen (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08G 59/20, 59/68, G03F 7/028, 7/038, H01B 3/40
 (11) WO 03/037953 (13) A1
 (21) PCT/JP02/11224
 (22) 29 Oct/oct 2002 (29.10.2002)
 (25) ja (26) ja
 (30) 2001/334333 31 Oct/oct 2001 JP (31.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • RESIN COMPOSITION
 • COMPOSITION DE RESINE
 (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) IYAMA, Hironobu [JP/JP]; 3-26, Nakagawa-cho, Takatsuki-shi, Osaka 569-0066 (JP). FUJIKI, Toru [JP/JP]; 1-4-22, Eirakuso, Toyonaka-shi, Osaka 560-0051 (JP). MORI, Toshiki [JP/JP]; 1-2-22-602, Yoshino, Fukushima-ku, Osaka-shi, Osaka 553-0006 (JP).
 (74) KUBOYAMA, Takashi et al. / etc.; c/o Sumitomo Chemical Intellectual Property Service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP).
 (81) CA CN KR US.
 (84) EP (BE DE FR GB IT NL).
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- (51)⁷ C08G 61/10, 59/06, 59/62, C07C 39/17, 39/23, 43/253, 27/00, 41/06, 37/14
 (11) WO 03/037954 (13) A1
 (21) PCT/JP02/10859
 (22) 18 Oct/oct 2002 (18.10.2002)
- (25) ja (26) ja
 (30) 2001-338489 2 Nov/nov 2001 JP (02.11.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • PHENOLIC RESIN, EPOXY RESIN, PROCESS FOR PRODUCING THE SAME, AND RESIN COMPOSITION FOR SEMICONDUCTOR ENCAPSULATION MATERIAL
 • RESINES PHENOLIQUE ET EPOXYDE, LEUR PROCEDURE DE PRODUCTION ET COMPOSITION DE RESINE POUR MATIERE D'ENCAPSULATION DE SEMI-CONDUCTEURS
 (71) NIPPON PETROCHEMICALS CO., LTD. [JP/JP]; 3-1, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-8530 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) MORI, Satoshi [JP/JP]; 15-8, Koukandori 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0852 (JP).
 (74) AKIMOTO, Teruo; 1-1, Minamioyama 1-chome, Minato-ku, Tokyo 107-0062 (JP).
 (81) CN KR SG US.
-
- (51)⁷ C08G 61/10, 59/06
 (11) WO 03/037955 (13) A1
 (21) PCT/JP02/10860
 (22) 18 Oct/oct 2002 (18.10.2002)
 (25) ja (26) ja
 (30) 2001-338414 2 Nov/nov 2001 JP (02.11.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • PROCESS FOR PRODUCING PHENOLIC RESIN AND EPOXY RESIN
 • PROCEDURE DE PRODUCTION DE RESINES PHENOLIQUE ET EPOXYDE
 (71) NIPPON PETROCHEMICALS CO., LTD. [JP/JP]; 3-1, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-8530 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) MORI, Satoshi [JP/JP]; 15-8, Koukandori 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0852 (JP).
 (74) AKIMOTO, Teruo; 1-1, Minamioyama 1-chome, Minato-ku, Tokyo 107-0062 (JP).
 (81) CN KR SG US.
-
- (51)⁷ C08G 63/08, 63/88, C08K 3/26, 5/52, 5/527, C08L 67/04
 (11) WO 03/037956 (13) A1
 (21) PCT/JP02/11287
 (22) 30 Oct/oct 2002 (30.10.2002)
 (25) ja (26) ja
 (30) 2001-335443 31 Oct/oct 2001 JP (31.10.2001)
 (30) 2002-7839 16 Jan/jan 2002 JP (16.01.2002)
 (30) 10/132,578 25 Apr/avr 2002 US (25.04.2002)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • CRYSTALLINE POLYGLYCOLIC ACID, POLYGLYCOLIC ACID COMPOSITION AND PROCESSES FOR PRODUCTION OF BOTH

- ACIDE POLYGLYCOLIQUE CRISTALLIN, COMPOSITION A BASE D'ACIDE POLYGLYCOLIQUE ET PROCEDES DE FABRICATION CORRESPONDANTS
- (71) KUREHA CHEMICAL INDUSTRY COMPANY, LIMITED [JP/JP]; 9-11, Nihonbashi Horidomecho 1-chome, Chuo-ku, Tokyo 103-8552 (JP).
- (72) YAMANE, Kazuyuki; c/o Nishiki Research Laboratories, Kureha Chemical Industry Company, Limited, 16, Ochiai, Nishiki-machi, Iwaki-shi, Fukushima 974-8686 (JP). MIURA, Hiromitsu; c/o Nishiki Research Laboratories, Kureha Chemical Industry Company, Limited, 16, Ochiai, Nishiki-machi, Iwaki-shi, Fukushima 974-8686 (JP). ONO, Toshihiko; c/o Nishiki Research Laboratories, Kureha Chemical Industry Company, Limited, 16, Ochiai, Nishiki-machi, Iwaki-shi, Fukushima 974-8686 (JP). NAKAJIMA, Junji; c/o Polymer Processing Technical Center, Kureha Chemical Industry Company, Limited, 18-13, Oaza Kamitamari, Tamari-mura, Niihari-gun, Ibaraki 311-3436 (JP). ITOH, Daisuke; c/o Polymer Processing Technical Center, Kureha Chemical Industry Company, Limited, 18-13, Oaza Kamitamari, Tamari-mura, Niihari-gun, Ibaraki 311-3436 (JP).
- (74) NISHIKAWA, Shigeaki; Visual City 401, 43-9, Higashi-Nippori 3-chome, Arakawa-ku, Tokyo 116-0014 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 63/64, 63/08, A61L 31/06, 17/12
- (11) WO 03/037957 (13) A1
- (21) PCT/SE02/01974
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 10/003,640 2 Nov/nov 2001 US (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • AMORPHOUS POLYMERIC POLYAXIAL INITIATORS AND COMPLIANT CRYSTALLINE COPOLYMERS THEREFROM
- INITIATEURS POLYAXIAUX POLYMERIQUES AMORPHES ET COPOLYMERES CRISTALLINS SOUPLES OBTENUS A PARTIR DE CES INITIATEURS
- (71) POLY-MED, INC. [US/US]; 6309 Highway 187, Anderson, SC 29625 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHALABY, Shalaby, W. [US/US]; 6309 Highway 187, Anderson, SC 29625 (US). MATHISEN, Torbjörn [NO/SE]; Tosterövågen 11, S-125 42 Älvsjö (SE).
- (74) DR LUDWIG BRANN PATENTBYRÅ AB; P.O. Box 171 92, S-104 62 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 63/78
- (11) WO 03/037958 (13) A1
- (21) PCT/EP02/12181
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 60/341,000 30 Oct/oct 2001 US (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PROCESS FOR MAKING POLYTRIMETHYLENE TEREPHTHALATE
- PROCEDE DE PRODUCTION D'UN POLYTRIMETHYLENE TEREPHTHALATE
- (71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
- (72) KELSEY, Donald, Ross; 4706 Lake Village Drive, Fulshear, TX 77441 (US). KIIBLER, Kathleen, Suzanne; 22815 Bucktrout Lane, Katy, TX 77449 (US). TANG, Wen, Tzung; 6303 Box Bluff Court, Sugar Land, TX 77479 (US).
- (74) SHELL INTERNATIONAL B.V.; Intellectual Property Services, P.O. Box 384, NL-2501 CJ The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ C08G 69/44, 83/00
- (11) WO 03/037959 (13) A1
- (21) PCT/NL02/00684
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) en (26) en
- (30) 01204104.2 29 Oct/oct 2001 EP (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • OIL SOLUBLE HYPERBRANCHED POLYESTERAMIDES
- POLYESTERAMIDES HYPER-RAMIFIES SOLUBLES DANS L'HUILE
- (71) DSM N.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MUSCAT, Dirk [NL/NL]; Marezstraat 5, NL-6171 TN Stein (NL).
- (74) MOOIJ, Johannes, Jacobus; DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 69/48, D21H 17/55, B32B 29/00
- (11) WO 03/037960 (13) A1
- (21) PCT/US02/09532
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (30) 09/999,717 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MODIFIED CONDENSATION POLYMERS CONTAINING AZETIDINIUM GROUPS IN CONJUNCTION WITH AMPHIPHILIC HYDROCARBON MOIETIES
- POLYMERES DE CONDENSATION MODIFIES CONTENANT DES GROUPES D'AZETIDINE CONJOINTEMENT A DES FRACTIONS D'HYDROCARBURES AMPHIPHILES
- (71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).
- (72) SHANNON, Thomas, Gerard; 1604 Meadowbreeze Circle, Neenah, WI 54956 (US). GOULET, Mike, Thomas; W7454 Ridgeside Drive, Neenah, WI 54956 (US). CLARAHAN, Daniel, Arthur; 1542 Wayside Road, Greenleaf, WI 54126 (US). SCHROEDER, Wen, Zyo; 232 E. Carrington Lane, Appleton, WI 54913 (US).
- (74) CROFT, Gregory, E. et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 N. Lake Street, Neenah, WI 54956 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL 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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ C08G 77/38

(11) WO 03/037961 (13) A2

(21) PCT/FR02/03715

(22) 29 Oct/oct 2002 (29.10.2002)

(25) fr (26) fr

(30) 01/14039 30 Oct/oct 2001 FR (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR PREPARING SILICONE OILS BEARING A GROUP CONTAINING AT LEAST A HYDROCARBON CYCLE WHEREIN IS INCLUDED AN OXYGEN ATOM

• PROCEDE DE PREPARATION D'HUILES SILICONES PORTANT UN GROUPEMENT CONTENANT AU MOINS UN CYCLE HYDROCARBONE DANS LEQUEL EST INCLUS UN ATOME D'OXYGENE

(71) RHODIA CHIMIE [FR/FR]; 26, Quai Alphonse Le Gallo, F-92512 Boulogne Billancourt Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLANC-MAGNARD, Delphine [FR/FR]; 7, avenue Berthelot, F-69007 Lyon (FR). STERIN, Sébastien [FR/FR]; 29, rue Jarente, F-69002 Lyon (FR).

(74) TROLLIET, Maurice; Rhodia Services, Direction de la Propriété Industrielle, Centre de Recherches de Lyon - BP 62, F-69192 Saint-Fons (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 77/38, C08L 83/04, C08K 5/00

(11) WO 03/037962 (13) A1

(21) PCT/FR02/03716

(22) 29 Oct/oct 2002 (29.10.2002)

(25) fr

(26) fr

(30) 01/14040 30 Oct/oct 2001 FR (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • USE OF A CATALYTIC SYSTEM BASED ON PLATINUM GROUP METAL AND A HETEROCYCLIC ORGANIC COMPOUND FOR HYDROSILYLATION OF UNSATURATED REAGENTS

• UTILISATION D'UN SYSTEME CATALYTIQUE A BASE D'UN METAL DU GROUPE DU PLATINE ET D'UN COMPOSE ORGANIQUE HETEROCYCLIQUE POUR L'HYDROSILYLATION DE REACTIFS INSATURES

(71) RHODIA CHIMIE [FR/FR]; 26, Quai Alphonse Le Gallo, F-92512 Boulogne Billancourt Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLANC-MAGNARD, Delphine [FR/FR]; 7, avenue Berthelot, F-69007 Lyon (FR). STERIN, Sébastien [FR/FR]; 29, rue Jarente, F-69002 Lyon (FR).

(74) TROLLIET, Maurice; Rhodia Services, Direction de la Propriété Industrielle, Centre de Recherches de Lyon - BP 62, F-69192 Saint-Fons (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 C08G 81/02, C08L 101/00 // C08F 2/38

(11) WO 03/037963 (13) A1

(21) PCT/JP02/11174

(22) 28 Oct/oct 2002 (28.10.2002)

(25) ja (26) ja

(30) 2001-333116 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SILICONE-CONTAINING BLOCK COPOLYMER

• COPOLYMER SEQUENCE SILICONE

(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) TSUJI, Ryotaro [JP/JP]; c/o Kaneka Corporation, 5-1-1, Torigai-nishi, Settsu-shi, Osaka 566-0072 (JP). HIIRO, Tomoki [JP/JP]; c/o Kaneka Corporation, 5-1-1, Torigai-nishi, Settsu-shi, Osaka 566-0072 (JP).

(74) NANJO, Hiromichi; 5th Floor, Okina Bldg., 2-9, Nishitenma 3-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C08J 3/16, C08F 2/44, C08G 63/78, 59/62, 18/10

(11) WO 03/037964 (13) A1

(21) PCT/JP02/11390

(22) 31 Oct/oct 2002 (31.10.2002)

(25) ja (26) ja

(30) 2001-338794 2 Nov/nov 2001 JP (02.11.2001)

(30) 2001-338800 2 Nov/nov 2001 JP (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • COMPOSITE RESIN PARTICLES

• PARTICULES DE RESINE COMPOSITES

(71) SANYO CHEMICAL INDUSTRIES, LTD. [JP/JP]; 11-1, Ikkyo Nomotocho, Higashiyama-ku, Kyoto-shi, Kyoto 605-0995 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KINSHO, Toshihiko [JP/JP]; c/o SANYO CHEMICAL INDUSTRIES, LTD., 11-1, Ikkyo Nomotocho, Higashiyama-ku, Kyoto-shi, Kyoto 605-0995 (JP). NODA, Hidetoshi [JP/JP]; c/o SANYO CHEMICAL INDUSTRIES, LTD., 11-1, Ikkyo Nomotocho, Higashiyama-ku, Kyoto-shi, Kyoto 605-0995 (JP). HIRAI, Kazuyuki [JP/JP]; c/o SANYO CHEMICAL INDUSTRIES, LTD., 11-1, Ikkyo Nomotocho, Higashiyama-ku, Kyoto-shi, Kyoto 605-0995 (JP).

(74) FURUTANI, Shinya; 1-27, Dojima 2-chome, kita-ku, Osaka-shi, Osaka 530-0003 (JP).

(81) CN JP US.

(84) EP (DE FR GB).

(51)⁷ C08J 5/16, 5/04, C08L 63/00, C08K 7/06, F16C 33/20, F04D 29/10 // C08L 63:00

(11) WO 03/037965 (13) A1

(21) PCT/JP02/03609

(22) 11 Apr/avr 2002 (11.04.2002)

(25) ja (26) ja

(30) 2001-334885 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SLIDING MEMBER AND PUMP

• ELEMENT COULISSANT ET POMPE

(71) NIPPON OIL CORPORATION [JP/JP]; 3-12, Nishi Shimbashi 1-chome, Minato-ku,

- Tokyo 105-8412 (JP). NIPPON OIL ENGINEERING AND CONSTRUCTION CO., LTD. [JP/JP]; 1-8, Sakuragicho 1-chome, Naka-ku, Yokohama-shi, Kanagawa 231-0062 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ONODA, Hiroshi [JP/JP]; c/o Nippon Oil Corporation, 3-12, Nishi Shimbashi 1-chome, Minato-ku, Tokyo 105-8412 (JP). WATANABE, Tetsuji [JP/JP]; c/o Nippon Oil Corporation, 8, Chidoricho, Naka-ku, Yokohama-shi, Kanagawa 231-0815 (JP). KOTAKE, Kimio [JP/JP]; c/o Nippon Oil Corporation, 3-12, Nishi Shimbashi 1-chome, Minato-ku, Tokyo 105-8412 (JP). KAINUMA, Yoshikazu [JP/JP]; c/o Nippon Oil Engineering and Construction Co., Ltd., 1-8, Sakuragicho 1-chome, Naka-ku, Yokohama-shi, Kanagawa 231-0062 (JP).
- (74) KANEDA, Nobuyuki et al. / etc.; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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).
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- (51)⁷ C08J 5/18 // C08L 67:04
(11) WO 03/037966 (13) A1
(21) PCT/JP02/11211
(22) 29 Oct/oct 2002 (29.10.2002)
(25) ja (26) ja
(30) 2001-336150 1 Nov/nov 2001 JP (01.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • BIAXIALLY ORIENTED POLYLACTIC ACID-BASED RESIN FILMS
• FILMS DE RESINE A BASE D'ACIDE POLYLACTIQUE ORIENTE BIAxiaLEMENT
(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) SUKIGARA, Masayuki [JP/JP]; 2077-3, Koriyamacho, Suzuka-shi, Mie 510-0263 (JP). ITADA, Mitsuyoshi [JP/JP]; 2-12-5, Mikkaichiminami, Suzuka-shi, Mie 513-0804 (JP). KOIKE, Hisao [JP/JP]; 379-1, Kamedacho, Kameyama-shi, Mie 519-0163 (JP). YATSUZUKA, Michihiro [JP/JP]; 16-15 (A201), Sanjo 1-chome, Suzuka-shi, Mie 513-0806 (JP). HAMADA, Yoshiaki [JP/JP]; 2-30-605, Hirata Shinmachi, Suzuka-shi, Mie 513-0845 (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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C08J 7/00, C08L 77/00
(11) WO 03/037968 (13) A1
(21) PCT/JP02/11233
(22) 29 Oct/oct 2002 (29.10.2002)
- (25) ja (26) ja
(30) 2001-333074 30 Oct/oct 2001 JP (30.10.2001)
(30) 2001-333073 30 Oct/oct 2001 JP (30.10.2001)
(30) 2001-333072 30 Oct/oct 2001 JP (30.10.2001)
(30) 2002-043506 20 Feb/fév 2002 JP (20.02.2002)
(43) 8 May/mai 2003 (08.05.2003)
(54) • MOLDED CRYSTALLINE THERMOPLASTIC RESIN
• RESINE THERMOPLASTIQUE CRISTALLINE MOULEE
(71) TOYO BOSEKI KABUSHIKI KAISHA [JP/JP]; 2-8, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8230 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) TAMURA, Tsutomu [JP/JP]; c/o TOYO BOSEKI KABUSHIKI KAISHA, Research Institute, 1-1, Katata 2-chome, Ohtsu-shi, Shiga 520-0292 (JP). NAKAGAWA, Tomohide [JP/JP]; c/o TOYO BOSEKI KABUSHIKI KAISHA, Research Institute, 1-1, Katata 2-chome, Ohtsu-shi, Shiga 520-0292 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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, B65D 23/08, B32B 1/00, 27/08, B29C 49/22
(11) WO 03/037969 (13) A1
(21) PCT/EP02/11778
(22) 22 Oct/oct 2002 (22.10.2002)
(25) de (26) de
(30) 101 53 210.5 31 Oct/oct 2001 DE (31.10.2001)
(30) 102 07 592.1 22 Feb/fév 2002 DE (22.02.2002)
(43) 8 May/mai 2003 (08.05.2003)
(54) • PLASTIC MOULDED BODIES PROVIDED WITH WATERPROOF COATS FORMING A GAS BARRIER
• CORPS MOULES EN PLASTIQUE DOTES DE COUCHES RESISTANTES A L'EAU FORMANT UNE BARRIERE GAZEUSE
(71) KURARAY SPECIALITIES EUROPE GMBH [DE/DE]; Brünningstrasse 50, 65926 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) FUSS, Robert [DE/DE]; Platanenweg 32, 65835 Liederbach (DE).
(74) MAI, Peter et al. / etc.; John-F.-Kennedy-Strasse 4, 65189 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 C08J 9/00, 9/12, C08K 3/34, C08L 27/12

(11) WO 03/037970 (13) A1

(21) PCT/US02/25600

(22) 13 Aug/août 2002 (13.08.2002)

(25) en (26) en

(30) 10/004,202 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF FOAMING A POLYMER COMPOSITION USING ZEOLITE AND FOAMED ARTICLES SO MADE

• OBTENTION D'UNE COMPOSITION EN MOUSSE DE POLYMERES AU MOYEN D'UN ZEOLITE ET ARTICLES OBTENUS PAR CE PROCEDE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, P.O.Box 33427, Saint Paul, MN 55133-3427 (US).

(72) WEILANDT, Karl-Dieter; P.O.Box 33427, Saint Paul, MN 55133-3427 (US). PETERS, Erik; P.O.Box 33427, Saint Paul, MN 55133-3427 (US).

(74) SZYMANSKI, Brian, E. et al. / etc.; Office of Intellectual Property Counsel, P.O.Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C08J 9/16, 9/24 // C08L 23/10

(11) WO 03/037971 (13) A2

(21) PCT/JP02/11391

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 2001-336831 1 Nov/nov 2001 JP (01.11.2001)

(30) 2001-401250 28 Dec/déc 2001 JP (28.12.2001)

(30) 2002-054693 28 Feb/fév 2002 JP (28.02.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PROCESS OF PRODUCING FOAMED MOLDING FROM EXPANDED POLYPROPYLENE RESIN BEADS AND PROCESS OF PRODUCING EXPANDED POLYPROPYLENE RESIN BEADS

• PROCEDE DE PRODUCTION D'OBJETS MOULES EXPANSES A PARTIR DE GRAINS DE RESINE DE POLYPROPYLENE EXPANSE ET PROCEDE DE PRODUCTION DE GRAINS DE RESINE DE POLYPROPYLENE EXPANSE

(71) JSP CORPORATION [JP/JP]; 1-1, Uchi-saiwaicho 2-chome, Chiyoda-ku, Tokyo 100-8580 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SASAKI, Hidehiro [JP/JP]; c/o JSP CORPORATION KANUMA RESEARCH CENTER, 10-3, Satsuki-cho, Kanuma-shi, Tochigi 322-0014 (JP). HIRA, Akinobu [JP/JP]; c/o JSP CORPORATION KANUMA RESEARCH CENTER, 10-3, Satsuki-cho, Kanuma-shi, Tochigi 322-0014 (JP). HASHIMOTO, Keiichi [JP/JP]; c/o JSP CORPORATION KANUMA RESEARCH CENTER, 10-3, Satsuki-cho, Kanuma-shi, Tochigi 322-0014 (JP). TOKORO, Hisao [JP/JP]; c/o JSP CORPORATION KANUMA RESEARCH CENTER, 10-3, Satsuki-cho, Kanuma-shi, Tochigi 322-0014 (JP). SHINOHARA, Mitsuru [JP/JP]; c/o JSP CORPORATION KANUMA RESEARCH CENTER, 10-3, Satsuki-cho, Kanuma-shi, Tochigi 322-0014 (JP). TOKIWA, Tomoo [JP/JP]; c/o JSP CORPORATION KANUMA RESEARCH CENTER, 10-3, Satsuki-cho, Kanuma-shi, Tochigi 322-0014 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C08K 3/04, C08L 1/28, 31/00, B32B 15/08, 27/28

(11) WO 03/037972 (13) A1

(21) PCT/US02/29349

(22) 17 Sep/sep 2002 (17.09.2002)

(25) en (26) en

(30) 09/999,397 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • STABILIZED IMAGEABLE COATING COMPOSITION AND PRINTING PLATE PRECURSOR

• COMPOSITION DE REVETEMENT STABILISEE PERMETTANT LA FORMATION D'UNE IMAGE ET PRECURSEUR DE PLAQUE D'IMPRESSION

(71) KODAK POLYCHROME GRAPHICS LLC [US/US]; 401 Merritt 7, Norwalk, CT 06851 (US).

(72) WEST, Paul, R.; 1437 Regency Court, Fort Collins, CO 80526 (US). MILLER, Nicki, R.; 8502 Aububon Court, Fort Collins, CO 80528 (US). LEON, Jeffrey, W.; 210 1/2 Culver Road, Rochester, NY 14607 (US).

(74) BUSSE, Paul, W. et al. / etc.; Faegre & Benson LLP, 2200 Wells Fargo Center, 90 South Seventh Street, Minneapolis, MN 55402-3901 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C08K 3/34, C08L 69/00, C08K 5/523

(11) WO 03/037973 (13) A1

(21) PCT/EP02/11475

(22) 14 Oct/oct 2002 (14.10.2002)

(25) de (26) de

(30) 101 52 317.3 26 Oct/oct 2001 DE (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MINERAL-REINFORCED POLYCARBONATE MIXTURES WITH MODIFIED IMPACT RESISTANCE

• MELANGES POLYCARBONATE A RENFORCEMENT MINERAL ET A RESISTANCE AUX CHOCS MODIFIEE

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VATHAUER, Marc [DE/DE]; Max-Pechstein-Str. 18, 50858 Köln (DE). SEIDEL, Andreas [DE/DE]; Birnenweg 5, 41542 Dormagen (DE). JOACHIMI, Detlev [DE/DE]; Scheiblerstr. 103, 47800 Krefeld (DE). WITTMANN, Dieter [DE/DE]; Ernst-Ludwig-Kirchner-Str. 41, 51375 Leverkusen (DE).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN
YU ZA ZM ZW AP (GH GM KE LS MW MZ SD
SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(51)⁷ C08K 5/372, C08L 21/00, B60C 11/00

(11) WO 03/037974 (13) A2

(21) PCT/US02/34573

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 10/020,547 30 Oct/oct 2001 US
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • ELASTOMERS WITH LONG CHAIN
CROSSLINKS TO INCREASE ABRA-
SION RESISTANCE
• ELASTOMERES RETICULES A
CHAINE LONGUE SERVANT A AC-
CROITRE LA RESISTANCE A L'ABRA-
SION

(71) BRIDGESTONE CORPORATION
[JP/JP]; 10-1 Kyobashi 1-Chome, Chou-ku,
Tokyo 104 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HERGENROTHER, William [US/US];
195 Dorchester Road, Akron, OH 44313
(US). ULMER, James [US/US]; 969 Hamp-
ton Ridge Drive, Akron, OH 44313 (US).

(74) VASUTA, John et al. / etc.; 1200 Firestone
Parkway, Akron, OH 44317 (US).

(81) CN JP US.

(84) EP (DE ES FR GB IT LU).

(51)⁷ C08K 5/51, C08L 33/12, C08F 20/12,
265/06 // (C08K 5/51, 5:5337, 5:521)

(11) WO 03/037975 (13) A1

(21) PCT/FR02/03750

(22) 30 Oct/oct 2002 (30.10.2002)

(25) fr (26) fr

(30) 01/14133 31 Oct/oct 2001 FR
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • FLAME RESISTANT METHACRYLIC
POLYMER MATERIAL
• MATERIAU POLYMERES METHACRY-
LIQUE RESISTANT AU TEST DU FIL
INCANDESCENT

(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) DELPRAT, Patrick [FR/FR]; 16,
chemin du Cam Loung, F-64230 Lescar
(FR). PROBST, Michel [FR/FR]; 6, impasse
de l'Enclos, F-64230 Aussevielle (FR).

(74) GRANET, Pierre; Atofina, 4-8, cours
Michelet, La Défense 10, F-92091 Paris la
Défense Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN
YU ZA ZM ZW AP (GH GM KE LS MW MZ SD
SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ C08K 5/5465, 5/548

(11) WO 03/037976 (13) A1

(21) PCT/JP02/11246

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 2001-330914 29 Oct/oct 2001 JP
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • CURABLE ORGANIC RESIN COPO-
SITION
• COMPOSITION DE RESINE ORGA-
NIQUE DURCISSABLE

(71) DOW CORNING TORAY SILICONE
CO., LTD. [JP/JP]; 1-1-3, Marunouchi,
Chiyoda-ku, Tokyo 100-0005 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) IWAI, Makoto [JP/JP]; c/o Dow Corn-
ing Toray Silicone Co., Ltd., Science and
Technology Division, 2-2, Chigusakaigan,
Ichihara-shi, Chiba 299-0108 (JP). WAKITA,
Keiji [JP/JP]; c/o Dow Corning Toray Sil-
icone Co., Ltd., Science and Technology
Division, 2-2, Chigusakaigan, Ichihara-shi,
Chiba 299-0108 (JP). SHIRAHATA, Aki-
hiko [JP/JP]; c/o Dow Corning Toray Silicone
Co., Ltd., Science and Technology Division,
2-2, Chigusakaigan, Ichihara-shi, Chiba
299-0108 (JP).

(74) Kubota, Yoshitaka; c/o Asa Intenational
Patent Firm Chiba Office, 43-27, Satsuki-
gaoka 1-chome, Hanamigawa-ku, Chiba-shi,
Chiba 262-0014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT 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 C08L

(11) WO 03/037977 (13) A2

(21) PCT/KR02/01985

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 2001-66856 29 Oct/oct 2001 KR
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • ACRYLONITRILE-BUTADIENE-
STYRENE COPOLYMER TRANS-
PARENT RESIN HAVING SUPER-
IOR CHEMICAL RESISTANCE AND
TRANSPARENCY AND PREPARTION
THEREOF
• RESINE TRANSPARENTE COPO-
LYMERE ACRYLONITRILE-BUTA-
DIENE-STYRENE PRESENTANT UNE
RESISTANCE CHIMIQUE ET UNE
TRANSPARENCE RENFORCEES ET
PREPARATION DE CETTE RESINE

(71) LG CHEM, LTD. [KR/KR]; LG Twin
Tower, Yoido-dong 20, Youngdungpo-ku,
150-721 Seoul (KR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CHOI, Jeong-Su [KR/KR]; 185-5,
Okcheon-dong, 540-030 Suncheon-city, Jeol-
lanam-do (KR). KIM, Sung-Hee [KR/KR];
136-15 Wolsan-2dong, Nam-gu, 503-232
Gwangju-city (KR). BAHN, Hyoung-Min
[KR/KR]; Sinkwan-201 LG Ansan Sa-
taek, 29, Ansan-dong, 555-050 Yeosu-city,
Jeollanam-do (KR). YOO, Keun-Hoon
[KR/KR]; 123-801 Hanbit apt., Eoeun-dong,
Yuseong-gu, 305-755 Daejeon-city (KR).

(74) YOU ME PATENT & LAW FIRM; Teheran
Bldg., 825-33, Yoksam-dong, Kangnam-ku,
135-080 Seoul (KR).

(81) CN US.

(84) EP (DE FR GB IT).

(51)⁷ C08L

(11) WO 03/037978 (13) A2

(21) PCT/US02/34108

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 10/016,195 31 Oct/oct 2001 US
(31.10.2001)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • POLYETHER ESTER ELASTOMER COMPRISING POLYTRIMETHYLENE ETHER ESTER SOFT SEGMENT AND TETRAMETHYLENE ESTER HARD SEGMENT
- ELASTOMERE DE POLYETHER-ESTER CONTENANT UN SEGMENT MOU DE POLYTRIMETHYLENE-ETHER-ESTER ET UN SEGMENT MOU DE TETRAMETHYLENE-ESTER
- (71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
- (72) GOLDFINGER, Marc, B.; 450 Lake George Circle, West Chester, PA 19382 (US). SUNKARA, Hari, Babu; 5509 Limeric Circle, Apartment 43, Wilmington, DE 19808 (US).
- (74) KULLER, Mark, D.; E.I. Du Pont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C08L 7/00, 9/00
- (11) WO 03/037979 (13) A1
- (21) PCT/JP02/11117
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) ja (26) ja
- (30) 2001-338299 2 Nov/nov 2001 JP (02.11.2001)
- (30) 2002-144856 20 May/mai 2002 JP (20.05.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • RUBBER COMPOSITION, VULCANIZED RUBBER AND TIRE
- COMPOSITION DE CAOUTCHOUC, CAOUTCHOUC VULCANISE ET PNEUMATIQUE
- (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) ISHIZAKI, Susumu [JP/JP]; 3-5-5-828, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-0031 (JP).
- (74) FUJIMOTO, Eisuke et al. / etc.; c/o Fujimoto Patent & Law Office, Room 317, Sanno Grand Building 3F., 14-2, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-0014 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ C08L 11/02, C08K 3/34
- (11) WO 03/037980 (13) A1
- (21) PCT/JP02/11463
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) ja (26) ja
- (30) 2001-337538 2 Nov/nov 2001 JP (02.11.2001)
- (30) 2001-337539 2 Nov/nov 2001 JP (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • POLYCHLOROPRENE LATEX COMPOSITION, WATER-BASE PRIMER AND ADHESIVE BONDING PROCESS
- COMPOSITION DE LATEX DE POLYCHLOROPRENE, PRIMAIRE A BASE D'EAU ET PROCEDE DE FIXATION PAR ADHESIF
- (71) DENKI KAGAKU KOGYO KABUSHIKI KAISHA [JP/JP]; 4-1, Yuraku-cho 1-chome, Chiyoda-ku, Tokyo 100-8455 (JP).
- (72) WATANABE, Kosuke; c/o Denki Kagaku Kogyo Kabushiki Kaisha, Oumi Kojo, 2209, Oaza-oumi, Oumi-machi, Nishi-kubiki-gun, Niigata 949-0305 (JP). MOCHIZUKI, Kenji; c/o Denki Kagaku Kogyo Kabushiki Kaisha, Oumi Kojo, 2209, Oaza-oumi, Oumi-machi, Nishi-kubiki-gun, Niigata 949-0305 (JP).
- (74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C08L 23/10, F16L 9/00
- (11) WO 03/037981 (13) A1
- (21) PCT/EP02/11514
- (22) 15 Oct/oct 2002 (15.10.2002)
- (25) en (26) en
- (30) 01125848.0 30 Oct/oct 2001 EP (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PIPE SYSTEMS OF POLYPROPYLENE COMPOSITIONS
- SYSTEMES DE TUBES POUR COMPOSITIONS DE POLYPROPYLENE
- (71) BASELL POLIOLEFINE S.P.A. [IT/IT]; Via Pergolesi 25, I-20124 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DE PALO, Roberto [IT/IT]; Via G. Pesci, 158, I-44100 Ferrara (IT). PELLICONI, Anteo [IT/IT]; Via Volta, 22, I-45030 S. M. Maddalena (IT). HUOVINEN, Päivi, Helena [FI/IT]; Via Terraggio Molgora, 8, I-20059 Vimercate (IT).
- (74) GAVERINI, Gaetano; Basell Poliolefine Italia S.p.A., Intellectual Property, Via Pergolesi, 25, I-20124 Milano (IT).
- (81) AU BR CA CN CO CZ HU ID IL IN JP KR MX NO PH PL RO RU SG SK UA US YU ZA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Declarations / Déclarations :
(t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement
-
- (51)⁷ C08L 33/08, C08K 5/00, F16F 15/08, F16J 3/04, 15/10, F16L 11/04
- (11) WO 03/037982 (13) A1
- (21) PCT/JP02/11309
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) ja (26) ja
- (30) 2001/332121 30 Oct/oct 2001 JP (30.10.2001)
- (30) 2002/216624 25 Jul/juil 2002 JP (25.07.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ACRYLIC RUBBER COMPOSITION
- CAOUTCHOUC ACRYLIQUE
- (71) DENKI KAGAKU KOGYO KABUSHIKI KAISHA [JP/JP]; 4-1, Yuraku-cho 1-chome, Chiyoda-ku, Tokyo 100-8455 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KANBA, Yasuhiro [JP/JP]; c/o Denki Kagaku Kogyo Kabushiki Kaisha, Oumi Kojo, 2209, Oaza-oumi, Oumi-machi, Nishi-kubiki-gun, Niigata 949-0305 (JP). HAGIWARA, Shogo [JP/JP]; c/o Denki Kagaku Kogyo Kabushiki Kaisha, Chiba Kojo, 6, Goiminamikaigan, Ichihara-shi, Chiba 290-8588 (JP). KOGA, Masao [JP/JP]; c/o Denki Kagaku Kogyo Kabushiki Kaisha, Chiba Kojo, 6, Goiminamikaigan, Ichihara-shi, Chiba 290-8588 (JP).
- (74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C08L 33/12, G11B 7/24, C08L 33/24
- (11) WO 03/037983 (13) A2
- (21) PCT/FR02/03751
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) fr (26) fr

(30) 01/14134 **31 Oct/oct 2001** FR
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • THERMOPLASTIC POLYMER MATERIAL FOR AUDIO AND/OR OPTICAL DATA RECORDING MEDIA

• MATERIAU POLYMERE THERMOPLASTIQUE POUR SUPPORTS D'ENREGISTREMENT D'INFORMATIONS AUDIO ET/OU OPTIQUES

(71) ATOFINA [FR/FR]; 4-8, cours Michelet, La Défense 10, F-92800 Puteaux (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EDERLE, Yannick [FR/FR]; 13 bis, avenue du Chateau d'Este, F-64140 Billere (FR). MEUNIER, Gilles [FR/FR]; 21, rue de la Carrère, F-64230 Mazerolles (FR). GERARD, Pierre [FR/FR]; 6, allée Bellerive, F-64140 Lons (FR).

(74) GRANET, Pierre; Atofina, 4-8, cours Michelet, La Défense 10, F-92091 Paris la Défense Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ C08L 35/06, C08F 222/08

(11) WO 03/037984 (13) A1

(21) PCT/US02/33679

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 60/339,893 **31 Oct/oct 2001** US
(31.10.2001)

(30) 10/262,786 **2 Oct/oct 2002** US
(02.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • POLYMERIC STABILIZER FOR PIGMENT DISPERSIONS

• STABILISANT POLYMERIQUE POUR DISPERSIONS PIGMENTAIRES

(71) COGNIS CORPORATION [US/US]; 2500 Renaissance Boulevard, Suite 200, Gulph Mills, PA 19406 (US).

(72) MATTA, Bruce, L.; 434 Keystone Avenue, Emmaus, PA 18049 (US). BROADBENT, Ronald, W.; 737 Jarrett Road, Horsham, PA 19044 (US). JOHNSON, Grannis, S.; 21 Langsate Court, Durham, NC 27713 (US). WIGGINS, Michael, S.; 2405 Hillock Court, Lansdale, PA 19446 (US).

(74) DRACH, John, E.; Cognis Corporation, Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08L 63/00, C08K 3/38, 5/55, B32B 27/38

(11) WO 03/037985 (13) A1

(21) PCT/JP02/11395

(22) 31 Oct/oct 2002 (31.10.2002)

(25) ja (26) ja

(30) 2001-334477 **31 Oct/oct 2001** JP
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CURABLE EPOXY RESIN COMPOSITIONS AND PROCESS FOR PRODUCTION THEREOF

• COMPOSITIONS DE RESINE EPOXYDE RETICULABLES ET PROCEDE DE PRODUCTION ASSOCIE

(71) KAWAMURA INSTITUTE OF CHEMICAL RESEARCH [JP/JP]; 631, Sakado, Sakura-shi, Chiba 285-0078 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARAGUCHI, Kazutoshi [JP/JP]; 317-1-4-901, Naganumahara-machi, Inage-ku, Chiba-shi, Chiba 263-0001 (JP). OHBAYASHI, Akira [JP/JP]; 2-10-9-205, Osakidai, 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) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ C08L 69/00, C08K 5/521, 5/54, 3/34

(11) WO 03/037986 (13) A1

(21) PCT/EP02/11474

(22) 14 Oct/oct 2002 (14.10.2002)

(25) de (26) de

(30) 101 52 318.1 **26 Oct/oct 2001** DE
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FLAME-RETARDED POLYCARBONATE MOLDING MATERIALS HAVING MODIFIED IMPACT RESISTANCE

• MATIERES A MOULER POLYCARBONATE IGNIFUGEES, A RESILIENCE MODIFIEE

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEIDEL, Andreas [DE/DE]; Birnenweg 5, 41542 Dormagen (DE). ECKEL, Thomas [DE/DE]; Pfauenstr. 51, 41540 Dormagen (DE). WITTMANN, Dieter [DE/DE]; Ernst-Ludwig-Kirchner-Str. 41, 51375 Leverkusen (DE).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 C08L 83/04, C09J 183/04

(11) WO 03/037987 (13) A1

(21) PCT/FR02/03733

(22) 30 Oct/oct 2002 (30.10.2002)

(25) fr (26) fr

(30) 01/14151 **31 Oct/oct 2001** FR
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CROSSLINKABLE ADHESIVE SILICONE COMPOSITION COMPRISING AS GELLING AGENT A COMPOUND WITH CYCLIC AMINE FUNCTION BORNE BY A SILOXANE CHAIN

• COMPOSITION SILICONE ADHESIVE RETICULABLE COMPRENANT COMME AGENT THIXOTROPANT UN COMPOSE A FONCTION AMINE CYCLIQUE PORTEE PAR UNE CHAINE SILOXANIQUE

(71) RHODIA CHIMIE [FR/FR]; 26, quai Alphonse Le Gallo, F-92512 Boulogne Billancourt Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JACKSON, Scott [US/US]; 14 Champlain Avenue, Mechanicville, NY 12118

- (US) **POUCHELON, Alain** [FR/FR]; 2, rue G. Courteline, F-69330 Meyzieu (FR).
- (74) **TROLLET, Maurice**; Rhodia Services, Direction de la Propriété Industrielle, Centre de Recherches de Lyon - BP 62, F-69192 Saint-Fons (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 C08L 101/00, C08K 7/06, C08J 5/16, C04B 13/00, 31/08
- (11) WO 03/037988 (13) A1
- (21) PCT/JP02/11393
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) ja (26) ja
- (30) 2001-337966 2 Nov/nov 2001 JP (02.11.2001)
- (30) 2001-387524 20 Dec/déc 2001 JP (20.12.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SLIDE PART AND PRECISION PART, AND TIMEPIECE AND ELECTRONIC DEVICE USING THEM
- PARTIE COULISSANTE ET PARTIE DE PRECISION ET MONTRE ET DISPOSITIF ELECTRONIQUE UTILISANT CES PARTIES
- (71) **KITAGAWA INDUSTRIES CO., LTD.** [JP/JP]; 24-15, Chiyoda 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0012 (JP). **SEIKO INSTRUMENTS INC.** [JP/JP]; 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-8507 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ENDO, Morinobu** [JP/JP]; 4-8, Garyu 1-chome, Suzaka-shi, Nagano 382-0028 (JP). **UCHIYAMA, Tetsuo** [JP/JP]; 5-3-206, Honcho 6-chome, Koganei-shi, Tokyo 184-0004 (JP). **YAMAGUCHI, Akio** [JP/JP]; c/o Kitagawa Industries Co., Ltd., 24-15, Chiyoda 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0012 (JP). **YUOKA, Teruaki** [JP/JP]; c/o Kitagawa Industries Co., Ltd., 24-15, Chiyoda 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0012 (JP). **AOYAMA, Hiroshi** [JP/JP]; c/o Kitagawa Industries Co., Ltd., 24-15, Chiyoda 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0012 (JP). **TAKEDA, Kazutoshi** [JP/JP]; c/o SII Micro Parts Ltd., 45-1, Aza-Matsubara, Kami-Ayashi, Aoba-ku, Sendai-shi, Miyagi 989-3124 (JP). **MAEHARA, Yoshifumi** [JP/JP]; c/o Seiko Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-8507 (JP). **TAKENAKA, Masato** [JP/JP]; c/o Seiko Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-8507 (JP).
- JUJO, Koichiro** [JP/JP]; c/o Seiko Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-8507 (JP). **SUZUKI, Shigeo** [JP/JP]; c/o Seiko Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-8507 (JP). **TOKORO, Takeshi** [JP/JP]; c/o Seiko Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-8507 (JP).
- (74) **SHIGA, Masatake et al.** / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).
- (81) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ C08L 101/00, 71/00, C09D 7/00
- (11) WO 03/037989 (13) A1
- (21) PCT/US02/32323
- (22) 9 Oct/oct 2002 (09.10.2002)
- (25) en (26) en
- (30) 10/003,755 29 Oct/oct 2001 US (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SUPPRESSION OF AQUEOUS VISCOSITY OF ASSOCIATING POLYACETAL-POLYETHERS
- SUPPRESSION DE LA VISCOSITE AQUEUSE D'UNE COMBINAISON DE POLYACETAL-POLYETHERS
- (71) **HERCULES INCORPORATED** [US/US]; Hercules Plaza, 1313 North Market Street, Wilmington, DE 19894-0001 (US).
- (72) **SAU, Arjun, C.**; 521 Langwater Drive, Newark, DE 19711 (US).
- (74) **EDWARDS, David**; Hercules Incorporated, Hercules Plaza, 1313 North Market Street, Wilmington, DE 19894-0001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C09B 67/00, C09D 11/00, C07D 233/40
- (11) WO 03/037990 (13) A1
- (21) PCT/EP02/11784
- (22) 22 Oct/oct 2002 (22.10.2002)
- (25) de (26) de
- (30) 101 53 098.6 30 Oct/oct 2001 DE (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DYEING FORMULATIONS
- PREPARATIONS DE COLORANTS
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FREYBERG, Dieter** [DE/DE]; Jakob-Scheller-Str. 1, 67308 Einselthum (DE). **RAULFS, Friedrich-Wilhelm** [DE/DE]; Tullastr. 16, 68161 Mannheim (DE). **SIEMENSMEYER, Karl** [DE/DE]; Erich-Heckel-Str. 1, 67227 Frankenthal (DE). **FRECHE, Mike** [DE/DE]; Willy-Brandt-Str. 14, 67304 Kerzenheim (DE).
- (74) **BASF AKTIENGESELLSCHAFT**; 67056 Ludwigshafen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C09B 67/06, 67/08
- (11) WO 03/037991 (13) A1
- (21) PCT/EP02/11795
- (22) 22 Oct/oct 2002 (22.10.2002)
- (25) en (26) en
- (30) 2001 1993/01 31 Oct/oct 2001 CH (31.10.2001)
- (30) 2002 0655/02 18 Apr/avr 2002 CH (18.04.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD OF PRODUCING LOW-DUST PIGMENT COMPOSITIONS
- PROCEDE DE PRODUCTION DE COMPOSITIONS PIGMENTAIRES A FAIBLE DEGAGEMENT DE POUSSIERE
- (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) **BALLIELLO, Paolo** [IT/CH]; Lindenstrasse 30, CH-4310 Rheinfelden (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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) C09C 1/00
- (11) WO 03/037992 (13) A1
- (21) PCT/EP02/10863

(22) 27 Sep/sep 2002 (27.09.2002)

(25) de (26) de

(30) 101 53 197.4 27 Oct/oct 2001 DE
(27.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PIGMENT WITH A METALLIC LUSTRE

• PIGMENT A ECLAT METALLIQUE

(71) MERCK PATENT GMBH [DE/DE];
Frankfurter Strasse 250, 64293 Darmstadt
(DE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) PFAFF, Gerhard [DE/DE]; Tannen-
strasse 2d, 64839 Münster (DE). ANDES,
Stephanie [DE/DE]; Gustav-Hoch-Strasse
21, 63452 Hanau (DE). UHLIG, Michael
[DE/DE]; Friedrich-Naumann-Strasse 29,
64297 Darmstadt (DE).(74) MERCK PATENT GMBH; Frankfurter
Strasse 250, 64293 Darmstadt (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C09C 1/00

(11) WO 03/037993 (13) A1

(21) PCT/EP02/10864

(22) 27 Sep/sep 2002 (27.09.2002)

(25) de (26) de

(30) 101 53 196.6 27 Oct/oct 2001 DE
(27.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PIGMENT WITH A METALLIC LUSTRE

• PIGMENT A ECLAT METALLIQUE

(71) MERCK PATENT GMBH [DE/DE];
Frankfurter Strasse 250, 64293 Darmstadt
(DE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) PFAFF, Gerhard [DE/DE]; Tannen-
strasse 2d, 64389 Münster (DE). ANDES,
Stephanie [DE/DE]; Gustav-Hoch-Strasse
21, 63452 Hanau (DE). UHLIG, Michael
[DE/DE]; Friedrich-Naumann-Strasse 29,
64297 Darmstadt (DE). FRIZ, Mar-
tin [DE/DE]; Mühlthalstrasse 73C, 64297
Darmstadt (DE). VOGT, Reiner [DE/DE];
Schulzweg 19, 64289 Darmstadt (DE).
NITTA Katsuhisa [JP/JP]; 1-3-2 Shonandai,
Iwaki-shi 971-8152 (JP).(74) MERCK PATENT GMBH; Frankfurter
Strasse 250, 64293 Darmstadt (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DKDM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 C09C 1/36

(11) WO 03/037994 (13) A1

(21) PCT/EP02/12119

(22) 30 Oct/oct 2002 (30.10.2002)

(25) de (26) de

(30) 101 53 640.2 31 Oct/oct 2001 DE
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • COATED TITANIUM DIOXIDE PARTI-
CLES• PARTICULES DE DIOXYDE DE TI-
TANE REVETUES(71) INSTITUT FÜR NEUE MATERIALIEN
GEM. GMBH [DE/DE]; Im Stadtwald,
Gebäude 43, 66123 Saarbrücken (DE).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) SCHICHEL, Martin [DE/DE];
Richard-Wagner-Strasse 65, 66125 Saar-
brücken-Dudweiler (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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 C09C 1/36

(11) WO 03/037995 (13) A1

(21) PCT/US02/36362

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/319,004 1 Nov/nov 2001 US
(01.11.2001)(30) 10/282,461 29 Oct/oct 2002 US
(29.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • EASY TO DISPERSE, HIGH DURABIL-
ITY TIO₂ PIGMENT AND METHOD OF
MAKING SAME• PIGMENT TIO₂ FACILE À DISPERSER,
A DURABILITE ELEVEE ET PROCEDE
DE FABRICATION ASSOCIE(71) E.I. DU PONT DE NEMOURS AND
COMPANY [US/US]; 1007 Market Street,
Wilmington, DE 19898 (US).(72) BETTLER, Charles, Robert; 58 East Mill-
station, Newark, DE 19711 (US). DEIBOLD,
Michael, Patrick; 405 Maple, Wilmington,
DE 19809 (US).(74) TULLOCH, Rebecca, W.; E.I. DUPONT
DE NEMOURS AND COMPANY, LEGAL
PATENT RECORDS CENTER, 4417 Lan-
caster Pike, Wilmington, DE 19805 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).(51)⁷ C09D 1/00, 185/00, C01G 23/04, C23C
22/00

(11) WO 03/037996 (13) A1

(21) PCT/JP02/10773

(22) 17 Oct/oct 2002 (17.10.2002)

(25) ja (26) ja

(30) 2001-331919 30 Oct/oct 2001 JP
(30.10.2001)(30) 2001-390786 25 Dec/déc 2001 JP
(25.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • COATING COMPOUND FOR FORM-
ING TITANIUM OXIDE FILM,
METHOD FOR FORMING TITANIUM
OXIDE FILM AND METAL
SUBSTRATE COATED WITH TITANIUM
OXIDE FILM• MATIERE DE REVETEMENT ET
PROCEDE POUR FORMER UN FILM
D'OXYDE DE TITANE ET SUBSTRAT
METALLIQUE REVETU D'UN TEL
FILM(71) KANSAI PAINT CO., LTD. [JP/JP];
33-1, Kanzaki-cho, Amagasaki-shi, Hyogo
661-0964 (JP).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) AKUI, Jun [JP/JP]; c/o KANSAI PAINT
CO., LTD., 17-1, Higashiyawata 4-chome,
Hiratsuka-shi, Kanagawa 254-0016 (JP). NA-
GAI, Akinori [JP/JP]; c/o KANSAI PAINT
CO., LTD., 17-1, Higashiyawata 4-chome,
Hiratsuka-shi, Kanagawa 254-0016 (JP).
HARUTA, Yasuhiko [JP/JP]; c/o KANSAI
PAINT CO., LTD., 17-1, Higashiyawata
4-chome, Hiratsuka-shi, Kanagawa 254-0016
(JP). ISOZAKI, Osamu [JP/JP]; c/o KAN-
SAI PAINT CO., LTD., 17-1, Higashiyawata
4-chome, Hiratsuka-shi, Kanagawa 254-0016
(JP).(74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK
Building, 1-7-1, Doshomachi, Chuo-ku, Os-
aka-shi, Osaka 541-0045 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM

- HR HU ID IL IN IS JP KE KG KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C09D 4/00, C08F 290/06, C03C 25/10
(11) WO 03/037997 (13) A2
(21) PCT/NL02/00658
(22) 7 Oct/oct 2002 (07.10.2002)
(25) en (26) en
(30) 60/335,175 31 Oct/oct 2001 US
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • RADIATION-CURABLE COMPOSITIONS AND RELATED METHODS FOR THE ASSEMBLY AND REPAIR OF OPTICAL COMPONENTS, AND PRODUCTS PREPARED THEREBY
• COMPOSITIONS A DURCISSEMENT PAR IRRADIATION ET PROCÉDES ASSOCIÉS CONÇUS POUR L'ASSEMBLAGE ET LA RÉPARATION DE COMPOSANTS OPTIQUES, ET PRODUITS PRÉPARÉS AU MOYEN DE CEUX-CI
- (71) DSM N.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KRONGAUZ, Vadim, Valerievich [RU/US]; 1192 Foxboro Lane, Barlett, IL 60103 (US). MONTGOMERY, Eva, Irene [US/US]; 909 Winslow Avenue, Woodstock, IL 60098 (US). DAKE, Kenneth [US/US]; 7210 East Avenue, 60103 Hanover Park, IL (US).
- (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C09D 5/00, C09K 9/02, G02B 1/04, 1/10, 5/23
(11) WO 03/037998 (13) A1
(21) PCT/US02/35063
(22) 31 Oct/oct 2002 (31.10.2002)
(25) en (26) en
(30) 60/335,871 1 Nov/nov 2001 US
(01.11.2001)
(30) 10/270,657 16 Oct/oct 2002 US
(16.10.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ARTICLES HAVING A PHOTOCHROMIC POLYMERIC COATING
• ARTICLES A REVÈTEMENT POLY-MÈRE PHOTOCHROME
- (71) PPG INDUSTRIES OHIO, INC. [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).
- (72) WELCH, Cletus, N.; 4440 Golden Eagle Road, Massillon, OH 44646 (US). KING, Eric, M.; 491 Allenby Avenue, Pittsburgh, PA 15218 (US). ANDERSON, Lawrence, G.; 165 White Oak Drive, Pittsburgh, PA 15237 (US). DAUGHENBAUGH, Randy; 108 Gardenia Drive, Turtle Creek, PA 15145 (US). STEWART, Kevin, J.; 1207 Murray Chase Lane, Murrysville, PA 15668 (US).
- (74) MALLAK, Frank, P. 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 IE IT 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 C09D 5/16
(11) WO 03/037999 (13) A1
(21) PCT/EP02/11957
(22) 25 Oct/oct 2002 (25.10.2002)
(25) en (26) en
(30) 0120414.4 30 Oct/oct 2001 EP
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PAINT COMPOSITIONS COMPRISING ESTERS OF ROSIN AND PROCESS OF PRODUCTION THEREOF
• COMPOSITIONS DE PEINTURE CONTENANT DES ESTERS DE COLOPHANE ET PROCÉDE DE PRODUCTION
- (71) SIGMA COATINGS B.V. [NL/NL]; Amsterdamseweg 14, NL-1422 Uithoorn (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GILLARD, Michel [BE/BE]; Rue J. Froissart, 6/102, B-1348 Louvain-la-Neuve (BE). VOS, Marcel [NL/BE]; Rue de Cheval Godet, 78, B-1400 Nivelles (BE).
- (74) NEILL, Alastair et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax, HX1 2HY (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 C09D 11/00, B41M 3/14, C12Q 1/68
(11) WO 03/038000 (13) A1
(21) PCT/EP02/12226
(22) 1 Nov/nov 2002 (01.11.2002)
(25) de (26) de
(30) 101 53 596.1 2 Nov/nov 2001 DE
(02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MARKING SOLUTION FOR COUNTERFEIT-RESISTANT IDENTIFICATION OF A VALUABLE OBJECT, MARKING PRODUCED BY THE MARKING SOLUTION AND METHOD FOR MARKING A VALUABLE OBJECT
• SOLUTION DE MARQUAGE POUR L'IDENTIFICATION INFALSIFIABLE D'UN OBJET DE VALEUR, MARQUAGE RÉALISÉ À L'AIDE DE CETTE SOLUTION DE MARQUAGE ET PROCÉDE DE MARQUAGE D'UN OBJET DE VALEUR
- (71) NOVEMBER AKTIENGESELLSCHAFT GESELLSCHAFT FÜR MOLEKULARE MEDIZIN [DE/DE]; Ulrich-Schalk-Strasse 3a, 91056 Erlangen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BUNDESDRUCKEREI GMBH [DE/DE]; Oranienstrasse 91, 10958 Berlin (DE). NIGGEMANN, Matthias [DE/DE]; Urbanstrasse 31, 10967 Berlin (DE). PAESCHKE, Manfred [DE/DE]; An der Wildbahn 61, 16352 Basdorf (DE). FRANZ-BURGHOLZ, Arnim [DE/DE]; Amselhainstrasse 26, 14612 Falkensee (DE). SPICKERMANN, Wolfgang [DE/DE]; Hochstrasse 34, 56242 Quirnbach (DE). MUTH, Olivier [DE/DE]; Kirchstrasse 83, 12277 Berlin (DE). JOSTEN, André [DE/DE]; An der Fehdenwiese 1, 91334 Hemhofen (DE). BAUER, Georg [DE/DE]; Goethestrasse 37, 90409 Nürnberg (DE). WALTER, Harald [DE/DE]; Mozartstr. 36, 91050 Erlangen (DE). GRASSL, Björn [DE/DE]; Karl-Jatho-Weg 15, 90415 Nürnberg (DE). HASSMANN, Jörg [DE/DE]; Hofmannstrasse 118 a, 91052 Erlangen (DE).
- (74) TERGAU & POHL; Andreas Walkenhorst, Eschersheimer Landstrasse 26, 60322 Frankfurt am Main, (Zusammenschlussreg-Nr. 149) (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C09D 11/00, 11/02, G06K 19/00, B41M 3/14

(11) WO 03/038001 (13) A1

(21) PCT/EP02/09666

(22) 30 Aug/août 2002 (30.08.2002)

(25) en (26) en

(30) 01125983.5 31 Oct/oct 2001 EP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INK SET, PRINTED ARTICLE, A METHOD OF PRINTING AND USE OF A COLORANT

• JEU D'ENCRE, OBJET IMPRIME, PROCÉDE D'IMPRESSION ET UTILISATION D'UN COLORANT

(71) SICPA HOLDING S.A. [CH/CH]; 41, avenue de Florissant, CH-1008 Prilly (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLEIKOLM, Anton [CH/CH]; Chemin de la Crausaz 12, CH-1024 Ecublens (CH). DEGOTT, Pierre [FR/CH]; Chemin des Falaises 15, CH-1023 Crissier (CH). DESPLAND, Claude-Alain [CH/CH]; Avenue Gratta-Paille 7, CH-1018 Lausanne (CH). MÜLLER, Edgar [CH/CH]; Rue P.-A. de Faucigny, CH-1700 Fribourg (CH).

(74) HEPPE, Dieter et al. / etc.; Hepp Wenger Ryffel AG, Friedtalweg 5, CH-9500 Wil (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 11/00, H01B 1/22, C09D 17/00

(11) WO 03/038002 (13) A1

(21) PCT/IL02/00859

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 60/330,872 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INK-JET INKS CONTAINING METAL NANOPARTICLES

• ENCRE POUR JET D'ENCRE CONTENANT DES NANOPARTICULES METALLIQUES

(71) YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM [IL/IL]; POB 39135, 91390 Jerusalem (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAGDASSI, Shlomo [IL/IL]; 36 Han-erd St., 91904 Jerusalem (IL). KAMYSHNY,

Alexander [IL/IL]; 16/18 Shlomo Ben Yossef St., 93811 Jerusalem (IL). VINETSKY, Yelena [IL/IL]; 401/19 Layish St., Gilo, 93853 Jerusalem (IL). BASSA, Amal [—/—]; The main street, Al Azareya (Bethany), The West Bank, The Palestinian Authority ABO MOKH, Riam [IL/IL]; Ber Baka, 30100 Baka El Kharbia (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 C09D 11/02, 11/00, G03G 9/09

(11) WO 03/038003 (13) A1

(21) PCT/GB02/04482

(22) 2 Oct/oct 2002 (02.10.2002)

(25) en (26) en

(30) 0126103.1 31 Oct/oct 2001 GB (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PHTHALOCYANINE BASED INKS WITH ABSORPTION MAXIMA IN THE NEAR INFRA RED AND VISIBLE SPECTRUM

• ENCRE A BASE DE PHTHALOCYANINE AYANT DES MAXIMA D'ABSORPTION DANS LE SPECTRE DE L'INFRAROUGE PROCHE ET VISIBLE

(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) CAMPBELL, James, Stanley [GB/GB]; P.O. Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB).

(74) PARLETT, Peter, Michael 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C09D 183/04, 5/00, 5/24, 5/29

(11) WO 03/038004 (13) A1

(21) PCT/EP02/11753

(22) 21 Oct/oct 2002 (21.10.2002)

(25) de (26) de

(30) 101 54 030.2 2 Nov/nov 2001 DE (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • EFFECT-PRODUCING, AQUEOUS COATING MATERIAL, METHOD FOR THE PRODUCTION AND USE THEREOF

• MATIERE DE REVETEMENT AQUEUSE CONFERANT UN EFFET, PROCÉDE DE PRODUCTION ET D'UTILISATION DE LADITE MATIERE

(71) BASF COATINGS AG [DE/DE]; Glasurit-str. 1, 48165 Münster (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAPPER, Ekkehard [DE/DE]; Austr. 55, 97222 Rimpfing (DE).

(74) FITZNER, Uwe; Lintorfer Str. 10, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C09J 4/06, C08F 290/06, 299/02

(11) WO 03/038005 (13) A2

(21) PCT/US02/34146

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 60/330,705 29 Oct/oct 2001 US (29.10.2001)

(30) 10/050,709 18 Jan/jan 2002 US (18.01.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • POLYMERIZABLE COMPOSITIONS IN NON-FLOWABLE FORMS

• COMPOSITIONS POLYMERISABLES SOUS FORMES NON FLUIDES

(71) HENKEL LOCTITE CORPORATION [US/US]; 1001 Trout Brook Crossing, Rocky Hill, CT 06067 (US).

(72) ATTARWALA, Shabbir; 36 Banks Road, Simsbury, CT 06070 (US). ZHU, Qinyan; 155 Alexander Drive, Cheshire, CT 06410 (US). BURDZY, Matthew, P.; 67 Morgan Farms Drive, South Windsor, CT 06074 (US).

(74) CUNNINGHAM, Marina, F.; McCormick, Paulding & Huber LLP, 185 Asylum Street, CityPlace II, Hartford, CT 06103-3402 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

- RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 C09J 175/02, 175/04, 133/10, C08F 4/52
(11) WO 03/038006 (13) A1
(21) PCT/US02/34715
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 10/012,629 30 Oct/oct 2001 US
(30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • ORGANOBORANE AMINE COMPLEX
POLYMERIZATION INITIATORS AND
POLYMERIZABLE COMPOSITIONS
• INITIATEURS DE POLYMERISATION
D'UN COMPLEXE D'ORGANOBO-
RANE AMINE ET COMPOSITIONS
POLYMERISABLE
- (63) US 10/012,629 (CIP)
30 Oct/oct 2001 (30.10.2001)
- (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) WEBB, Steven, P. [US/US]; 2014 West
Sugnet Road, Midland, MI 48640 (US).
SONNENSCHNEIDER, Mark, F. [US/US];
6019 Stonehaven Court, Midland, MI 48640
(US).
- (74) SIMS, Norman, L.; 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 SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C09K 3/00
(11) WO 03/038007 (13) A1
(21) PCT/US02/34547
(22) 28 Oct/oct 2002 (28.10.2002)
(25) en (26) en
(30) 10/021,730 29 Oct/oct 2001 US
(29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • CORROSION INHIBITING COMPOSI-
TION
• COMPOSITION INHIBANT LA COR-
ROSION
- (71) ASHLAND, INC. [US/US]; P.O. Box 2219,
Columbus, OH 43216 (US).
- (72) LIBUTTI, Bruce, L.; 300 Van Buren Ave-
nue, Teaneck, NJ 07666 (US). MIHELIC,
Joseph; 92 Cobbler Square, Sparta, NJ 07871
(US).
- (74) HEDDEN, David, L. et al. / etc.; Ashland
Inc., P.O. Box 2219, Columbus, OH 43216
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C09K 7/06, B01F 17/00
(11) WO 03/038008 (13) A1
(21) PCT/US02/34667
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 09/999,799 31 Oct/oct 2001 US
(31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • ADDITIVE FOR OIL-BASED
DRILLING FLUIDS
• ADDITIF POUR BOUES DE FORAGE A
BASE DE PETROLE
- (71) HALLIBURTON ENERGY SERVICES,
INC. [US/US]; 10200 Bellaire Boulevard,
Houston, TX 77072-5206 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) KIRSNER, Jeff [US/US]; 8118 Clear-
water Crossing, Humble, TX 77296 (US).
MILLER, Jeff [US/US]; 12406 Hammer-
smith Drive, Tomball, TX 77377 (US).
BRACKEN, Jon [US/US]; 6219 Medley
Road, New Waverly, TX 77358 (US).
- (74) TRIPP, Karen, B.; Attorney at Law, P.O.
Box 1301, Houston, TX 77251-1301 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C09K 9/02, G02B 1/04, 1/10, 5/23
(11) WO 03/038009 (13) A1
(21) PCT/US02/35064
(22) 31 Oct/oct 2002 (31.10.2002)
(25) en (26) en
(30) 60/335,871 1 Nov/nov 2001 US
(01.11.2001)
- (30) 10/270,622 16 Oct/oct 2002 US
(16.10.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PHOTOCROMIC POLYMERIZABLE
COMPOSITIONS
• COMPOSITIONS POLYMERISABLES
PHOTOCROMES
- (71) PPG INDUSTRIES OHIO, INC. [US/US];
3800 West 143rd Street, Cleveland, OH 44111
(US).
- (72) WELCH, Cletus N.; 4440 Golden Eagle
Road, Massillon, OH 44646 (US). KING,
Eric M.; 491 Allenby Avenue, Pittsburgh,
PA 15218 (US). ANDERSON, Lawrence
G.; 165 White Oak Drive, Pittsburgh, PA
15237 (US). DAUGHENBAUGH, Randy;
108 Gardenia Drive, Turtle Creek, PA 15145
(US). STEWART, Kevin J.; 1207 Murray
Chase Lane, Murrysville, PA 15668 (US).
- (74) MALLAK, Frank P. et al. / etc.; PPG
INDUSTRIES, INC., One PPG Place, Pitts-
burgh, 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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
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GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C09K 11/08, B42D 15/00, B41M 3/14
(11) WO 03/038010 (13) A1
(21) PCT/GB02/04761
(22) 21 Oct/oct 2002 (21.10.2002)
(25) en (26) en
(30) 0126065.2 31 Oct/oct 2001 GB
(31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • DOCUMENT AUTHENTICATION
• AUTHENTIFICATION DE DOCU-
MENTS
- (71) ELAM-T LIMITED [GB/GB]; South Bank
Techno Park, 90 London Road, London SE1
6LN (GB).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) KATHIRGAMANATHAN, Poopathy
[GB/GB]; The Little Lancaster House, 1 Lan-
caster Road, North Harrow HA2 7NN (GB).
- (74) COHEN, Alan, Nicol; 2 Grove Place, Tats-
field, 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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD

- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C09K 11/08
- (11) WO 03/038011 (13) A2
- (21) PCT/GB02/04975
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 0126283.1 1 Nov/nov 2001 GB (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • LUMINESCENT NANOMATERIALS
• NANOMATERIAUX LUMINESCENTS
- (71) OXONICA LIMITED [GB/GB]; Unit 7, Begbroke Science & Business Park, Sandy Lane, Yarnton, Kidlington, Oxford OX5 1PF (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WAKEFIELD, Gareth [GB/GB]; Oxonica Limited, Unit 7, Begbroke Sciences & Business Park, Sandy Lane, Yarnton, Kidlington, Oxford OX5 1PF (GB). GREEN, Mark [GB/GB]; Oxonica Limited, Unit 7, Begbroke Science & Business Park, Sandy Lane, Yarnton, Kidlington, Oxford OX5 1PF (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C10G 65/18, 65/00
- (11) WO 03/038012 (13) A1
- (21) PCT/IB01/02035
- (22) 30 Oct/oct 2001 (30.10.2001)
- (25) en (26) en
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MULTIREACTOR PARALLEL FLOW HYDROCRACKING PROCESS
• PROCÉDE D'HYDROCRAQUAGE A FLUX PARALLELES A MULTIREACTEUR
- (71) UOP LLC [US/US]; 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KALNES, Tom, N. [US/US]; UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US). THAKKAR, Vasant, P. [US/US]; UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US). DUNNE, Stephen, R. [US/US]; UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017 (US).
- (74) UOP LLC; John G. Tolomei, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C10K 1/20, B01D 53/86, B01J 21/12, 23/26
- (11) WO 03/038013 (13) A1
- (21) PCT/JP02/11318
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 2001-338207 2 Nov/nov 2001 JP (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CATALYST AND PROCESS FOR DECOMPOSING CARBONYL SULFIDE AND HYDROGEN CYANIDE
• CATALYSEUR ET PROCÉDE DE DECOMPOSITION DU SULFURE DE CARBONYLE ET DU CYANURE D'HYDROGENE
- (71) JGC CORPORATION [JP/JP]; 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP). SUED-CHEMIE CATALYSTS JAPAN, INC. [JP/JP]; 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP). CATALYSTS & CHEMICALS INDUSTRIES CO., LTD. [JP/JP]; 580, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0013 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ISHIGAKI, Shinya [JP/JP]; c/o JGC Corporation, Research & Development Center, 2205, Narita-cho, Oarai-machi, Higashiibaraki-gun, Ibaraki 311-1313 (JP). HOSOYA, Eiichi [JP/JP]; c/o Sued-Chemie Catalysts Japan, Inc., 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP). EGAMI, Kazutaka [JP/JP]; c/o Catalysts & Chemicals Industries Co., Ltd., Wakamatsu Plant & Laboratory, 13-2, Kitaminato-machi, Wakamatsu-ku, Kitakyushu-shi, Fukuoka 808-0027 (JP).
- (74) INOUE, Toshio; Kanachu Building 2F, 45-6, Sakuragi-cho 7-chome, Nishi-ku, Yokohama-shi, Kanagawa 220-0021 (JP).
- (81) CA CN IN KR US.
- (84) EP (DE DK ES FR GB IT NL).
- Published / Publiée : (c)
-
- (51)⁷ C10L
- (11) WO 03/038014 (13) A2
- (21) PCT/US01/44018
- (22) 19 Nov/nov 2001 (19.11.2001)
- (25) en (26) en
- (30) 60/249,628 18 Nov/nov 2000 US (18.11.2000)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • FUEL FOR ENERGETIC COMPOSITIONS COMPRISING CARAMEL COLOR BODIES
• COMBUSTIBLE POUR COMPOSITIONS ENERGETIQUES COMPRENANT DES CORPS COULEUR CARAMEL
- (71, 72) FEY, Warren, O. [US/US]; 11092 E. Harvard Drive, Aurora, CO 80013 (US).
- (74) ROGERS, Mark; Speed & Rogers, P.A., Suite 125, 1701 Centerview, Little Rock, AR 72211 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 C10L 1/14
- (11) WO 03/038015 (13) A2
- (21) PCT/GB02/04899
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 0126396.1 2 Nov/nov 2001 GB (02.11.2001)
- (30) 60/332,029 21 Nov/nov 2001 US (21.11.2001)
- (30) 0204114.3 21 Feb/fév 2002 GB (21.02.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD
• PROCÉDE<I> </I>
- (71) THE ASSOCIATED OCTEL COMPANY LIMITED [GB/GB]; Global House, Bailey Lane, Manchester M90 4AA (GB). OCTEL AMERICA, INC. [US/US]; 200 Executive Drive, Newark, DE 19702 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HENRY, Cyrus, Pershing Jr [US/US]; 2231 Rosewood Drive, Wilmington, Delaware 19810 (US). PINCH, David, Leonard [GB/GB]; 5 Burdett Avenue, Wirral CH63 9YY (GB). SNEDDON, Andrea [GB/GB]; Broom Cottage, 39 Downham Road South, Heswall, Wirral CH60 5SE (GB).
- (74) ALCOCK, David et al. / etc.; D Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

- LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C10M 103/00
(11) WO 03/038016 (13) A1
(21) PCT/US02/33142
(22) 17 Oct/oct 2002 (17.10.2002)
(25) en (26) en
(30) 60/330,722 29 Oct/oct 2001 US
(29.10.2001)
(30) 60/386,420 7 Jun/juin 2002 US
(07.06.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ANTI-SEIZE COMPOSITION IN SOLID
FORM
• COMPOSITION ANTI-GRIPPANTE
SOUS FORME SOLIDE
- (71) HENKEL LOCTITE CORPORATION
[US/US]; 1001 Trout Brook Crossing, Rocky
Hill, CT 06067 (US).
- (72) PATEL, Prakash, S.; 11 Easting's Way,
South Barrington, IL 60010 (US). ATTAR-
WALA, Shabbir; 36 Banks Road, Simsbury,
CT 06070 (US).
- (74) CUNNINGHAM, Marina, F.; McCormick,
Paulding & Huber LLP, 185 Asylum Street,
CityPlace II, Hartford, CT 06103-3402 (US)
et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 C10M 143/08, 169/04 // (C10M 169/04,
101:02, 105:02, 105:32), C10N 20:02,
20:04, 30:02
(11) WO 03/038017 (13) A1
(21) PCT/JP02/11366
(22) 31 Oct/oct 2002 (31.10.2002)
(25) ja (26) ja
(30) 2001-336748 1 Nov/nov 2001 JP
(01.11.2001)
(30) 2002-233358 9 Aug/août 2002 JP
(09.08.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ADDITIVE FOR LUBRICATING OIL
AND LUBRICATING OIL COMPOSITION
• ADDITIF POUR HUILE LUBRIFIANTE
ET COMPOSITION D'HUILE LUBRI-
FIANTE
- (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) KAN, Kojiro [JP/JP]; c/o MIT-
SUI CHEMICALS, INC., 580-32, Na-
gaura, Sodegaura-shi, Chiba 299-0265
(JP). ITO, Toshiyuki [JP/JP]; c/o MIT-
SUI CHEMICALS, INC., 580-32, Na-
gaura, Sodegaura-shi, Chiba 299-0265 (JP).
TAKEUCHI, Kunihiko [JP/JP]; c/o MITSUI
CHEMICALS, INC., 580-32, Nagaura, Sode-
gaura-shi, Chiba 299-0265 (JP). HIRANO,
Hideki [JP/JP]; c/o MITSUI CHEMICALS,
INC., 580-32, Nagaura, Sodegaura-shi, Chiba
299-0265 (JP).
- (74) SUZUKI, Shunichiro; S.SUZUKI & ASSO-
CIATES, Gotanda Yamazaki Bldg. 6F, 13-6,
Nishigotanda 7-chome, Shinagawa-ku, Tokyo
141-0031 (JP).
- (81) CN JP KR US.
(84) EP (DE FR GB).
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- (51)⁷ C10M 163/00 // (C10M 163/00, 135:00,
137:10, 159:20, C10N 30:00, 40:04
(11) WO 03/038018 (13) A1
(21) PCT/JP02/11140
(22) 28 Oct/oct 2002 (28.10.2002)
(25) ja (26) ja
(30) 2001-338262 2 Nov/nov 2001 JP
(02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • TRANSMISSION FLUID COMPOSI-
TION FOR AUTOMOBILE
• COMPOSITION DE FLUIDE DE
TRANSMISSION POUR AUTOMO-
BILE
- (71) NIPPON OIL CORPORATION [JP/JP];
3-12, Nishi-shimbashi 1-chome, Minato-ku,
Tokyo 105-8412 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) TAKAHASHI, Masato [JP/JP]; c/o
NIPPON OIL CORPORATION, 8, Chi-
dori-cho, Naka-ku, Yokohama-shi, Kanagawa
231-0815 (JP).
- (74) MORITA, Nobuyuki; Watase Bldg., 5-8,
Nishi-shimbashi 3-chome, Minato-ku, Tokyo
105-0003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C11B 9/00, A61K 7/46
(11) WO 03/038019 (13) A1
(21) PCT/EP02/11472
(22) 14 Oct/oct 2002 (14.10.2002)
(25) de (26) de
- (30) 101 52 992.9 26 Oct/oct 2001 DE
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MIXTURES FOR USE AS MUSK FRA-
GRANCE
• MELANGES SERVANT DE PARFUM
DE MUSC
- (71) HAARMANN & REIMER GMBH
[DE/DE]; Mühlenfeldstrasse 1, 37603 Holz-
minden (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) FINKE, Anja [DE/DE]; Limkerecke 9,
37603 Holzminden (DE). SONNENBERG,
Steffen [DE/DE]; Weissdornweg 10, 37603
Holzminden (DE).
- (74) ZOBEL, Manfred; c/o Bayer Aktienge-
sellschaft, 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
- 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 CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN
YU ZA ZM ZW AP (GH GM KE LS MW MZ SD
SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)
-
- (51)⁷ C11B 13/00, C11C 1/00, 1/10, 3/00, 3/12,
B01D 3/38, C10L 1/02, C10M 1/08
(11) WO 03/038020 (13) A1
(21) PCT/CA02/01684
(22) 1 Nov/nov 2002 (01.11.2002)
(25) en (26) en
(30) 2,360,986 1 Nov/nov 2001 CA
(01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR FRACTIONATING
GREASE TRAP WASTE AND USES OF
FRACTIONS THEREFROM
• PROCEDE DE FRACTIONNEMENT
DE DECHETS DE COLLECTEURS DE
GRAISSE ET UTILISATION DE CES
FRACTIONS
- (71) PROLAB TECHNOLOGIES INC.
[CA/CA]; 105 rue Industriel, Black Lake,
Québec G6H 2J1 (CA).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GARRO, Juan, Miguel [CA/CA]; 1645 rue des Sables, Sherbrooke, Québec J1J 1B9 (CA). LEMIEUX, Alain [CA/CA]; 257 rue Dubé, Thetford Mines, Québec G6G 3B8 (CA). JOLLEZ, Paul [CA/CA]; 2255 rue du Vermont, Sherbrooke, Québec J1J 1G9 (CA). CADORET, Nicole [CA/CA]; 257 rue Dubé, Thetford Mines, Québec G6G 3B8 (CA).

(74) ROBIC; 55 rue St-Jacques, Montréal, Québec H2Y 3X2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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

(11) WO 03/038021 (13) A2

(21) PCT/US02/31643

(22) 7 Oct/oct 2002 (07.10.2002)

(25) en (26) en

(30) 10/032,618 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TABLET OF COMPACTED PARTICULATE CLEANING COMPOSITION
• COMPRIME DE COMPOSITION NETTOYANTE PARTICULAIRE COMPACTEE

(71) ISP INVESTMENTS INC. [US/US]; 300 Delaware Avenue, Wilmington, DE 19801 (US).

(72) SRINIVAS, Bala; 13 Woodland Drive, Hasbrouck Heights, NJ 07604 (US). PATEL, Purvita; 1026 Washington Street, #4F, Hoboken, NJ 07030 (US).

(74) MAUE, Marilyn, J. et al. / etc.; International Specialty Products, 1361 Alps Road Legal Dept. 10, Wayne, NJ 07470 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C11D 1/90, 3/37, 3/50

(11) WO 03/038022 (13) A1

(21) PCT/EP02/11676

(22) 18 Oct/oct 2002 (18.10.2002)

(25) de (26) de

(30) 101 53 183.4 27 Oct/oct 2001 DE (27.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AGENTS CONTAINING BETAINE ESTERS
• AGENT A BASE D'ESTERS DE BETAINE

(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) BASTIGKEIT, Thorsten [DE/DE]; Stahlsberg 5, 42279 Wuppertal (DE). SCHEIDGEN, Arndt [DE/DE]; Abteistrasse 12, 45239 Essen (DE). SCHEFFLER, Karl-Heinz [DE/DE]; Am Steinebrück 18, 40589 Düsseldorf (DE). WEYERSHAUSEN, Bernd [DE/DE]; Zimmerstrasse 8, 45127 Essen (DE). TOMUSCHAT, Philipp [DE/DE]; Lortzingstrasse 13, 45128 Essen (DE).

(81) AU BR CA CN CZ DZ HU ID IL IN JP KR MX PL RO RU SG SI SK UA US ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51) C11D 3/00

(11) WO 03/038023 (13) A1

(21) PCT/EP02/10755

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 09/999,652 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CARE BOOSTER COMPOSITION FOR SUPPLEMENTING THE PERFORMANCE OF LAUNDRY COMPOSITIONS
• COMPOSITION RENFORCATRICE D'ENTRETIEN VISANT A RENFORCER LES PERFORMANCES DE COMPOSITIONS DE LESSIVE

(71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).

(only for / seulement pour AE AG AU BB BZ CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ OM SD SG SL SZ TT TZ UG VC ZA ZM ZW)

(71) UNILEVER NV [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NL NO PH PL PT RO RU SE SI SK SN TD TG TJ TM TN TR UA UZ VN YU)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, 400 020 Mumbai (IN).
(only for / seulement pour IN)

(72) MURPHY, Dennis, Stephen; Unilever Research U.S. Inc., 45 River Road, Edgewater, NJ 07020 (US). ORCHOWSKI, Michael; Unilever Research U.S. Inc., 45 River Road, Edgewater, NJ 07020 (US).

(74) ELLIOTT, Peter, William et al. / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C11D 3/14, B24C 1/08, 3/32

(11) WO 03/038024 (13) A1

(21) PCT/US02/35011

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 10/003,927 31 Oct/oct 2001 US (31.10.2001)

(30) 10/273,764 18 Oct/oct 2002 US (18.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • GROUND GLASS SURFACE OR OBJECT TREATING AGENT, USE THEREOF, AND METHOD OF MAKING SAME
• AGENT DE TRAITEMENT D'OBJET OU DE SURFACE EN VERRE DEPOLI, UTILISATION ET PROCEDURE DE FABRICATION DE CET AGENT DE TRAITEMENT

(71) EARTHSTONE INTERNATIONAL LLC [US/US]; P.O. Box 29930, Santa Fe, NM 87592-1939 (US).

(72) HAINES, Steven, C.; 52 Mansion Dr., Santa Fe, NM 87501 (US).

(74) BECKER, Robert, W.; Robert W. Becker & Associates, 707 Highway 66 East, Suite B, Tijeras, NM 87059 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C11D 3/48, 1/00, 1/62, 1/835, 1/645, 1/86, 1/94, 3/37, 3/22

(11) WO 03/038025 (13) A1

(21) PCT/GB02/04097

- (22) 9 Sep/sep 2002 (09.09.2002)
- (25) en (26) en
- (30) 0126347.4 2 Nov/nov 2001 GB
(02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • HARD SURFACE CLEANING AND DISINFECTING COMPOSITIONS
• COMPOSITIONS DE NETTOYAGE ET DE DESINFECTION DE SURFACES DURES
- (71) RECKITT BENCKISER INC [US/US]; 1655 Valley Road, Wayne, NJ 07474 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHEUNG, Tak, Wai [GB/US]; Reckitt Benckiser Inc, One Phillips Parkway, Montvale, NJ 07645 (US).
- (74) MCKNIGHT, John, Crawford; Reckitt Benckiser plc, Group Patents Department, Dansom Lane, Hull HU8 7DS (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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
(u) for / pour US only / seulement
-
- (51)⁷ C11D 11/00, 3/37, 3/20, 3/00
- (11) WO 03/038026 (13) A1
- (21) PCT/US02/34093
- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) en (26) en
- (30) 10/035,318 26 Oct/oct 2001 US
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • HARD SURFACE CLEANERS CONTAINING CHITOSAN AND FURANONE
• NETTOYANTS DE SURFACES DURES CONTENANT DU CHITOSANE ET DU FURANONE
- (71) S. C. JOHNSON & SON, INC. [US/US]; 1525 Howe Street, Racine, WI 53403 (US).
- (72) WICK, Roberta, A.; 4845 Tanglewood Avenue, Racine, WI 53405 (US). AVERY, Richard, W.; Mulberry House, Horseshoe Road, Radnage, Bucks, Radnage, Buckinghamshire HP14 4EB (GB). ROBB, Ian; 726 Smith Road, Duncan, OK 73533 (US).
- (74) MEIER, Linda, Blair; S. C. Johnson & Son, Inc., 1525 Howe Street, Racine, WI 53403 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C11D 17/00, 17/04
- (11) WO 03/038027 (13) A1
- (21) PCT/US02/34718
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 60/345,862 29 Oct/oct 2001 US
(29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DETERGENT SYSTEM
• SYSTEME DETERGENT
- (71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) DASQUE, Bruno, Matthieu; 3 Swindon Terrace, Newcastle upon Tyne NE6 5RB (GB). HAILU, Liben; 1135 Paxton Avenue, Cincinnati, OH 45208 (US). SOMMERVILLE-ROBERTS, Nigel; 3, The Cloggs, Ponteland, Newcastle upon Tyne NE20 9UJ (GB). VEGA, Jose, Luis; Bloemdallaan 47, B-1853 Strombeek-Bever (BE).
- (74) REED, David, T. et al. / etc.; The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C11D 17/06, 3/10, 3/20, 1/83
- (11) WO 03/038028 (13) A2
- (21) PCT/EP02/11726
- (22) 19 Oct/oct 2002 (19.10.2002)
- (25) de (26) de
- (30) 101 53 551.1 30 Oct/oct 2001 DE
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DETERGENT OR CLEANSER THAT CAN BE DISPERSED IN AN ESSENTIALLY SEDIMENT-FREE MANNER
- DETERGENT OU NETTOYANT DISPERSIBLE SENSIBLEMENT EXEMPT DE SEDIMENTS
- (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) GLÜSEN, Birgit [DE/DE]; Am Steinebrück 88, 40589 Düsseldorf (DE). LIPHARD, Maria [DE/DE]; Hülsebergstrasse 19, 45279 Essen (DE). KRAUS, Ingrid [DE/DE]; Ellerkirchstrasse 8, 40229 Düsseldorf (DE). PEGELOW, Ulrich [DE/DE]; Paulistr. 13, 40597 Düsseldorf (DE). ARTIGA GONZALEZ, René-Andres [DE/DE]; Einsteinstr. 5, 40589 Düsseldorf (DE).
- (81) AU BR CA CN DZ HU ID IL IN JP KR MX PL RO RU SG SI UA US ZA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ C11D 17/08, 10/04, 3/37, 3/00, 1/22, 1/14, 1/72
- (11) WO 03/038029 (13) A1
- (21) PCT/EP02/11265
- (22) 8 Oct/oct 2002 (08.10.2002)
- (25) en (26) en
- (30) 0126280.7 1 Nov/nov 2001 GB
(01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • LIQUID DETERGENT COMPOSITIONS
• COMPOSITIONS DE DETERGENT LIQUIDES
- (71) UNILEVER N.V. [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(only for / seulement pour AE 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 LC LR LT LU LV MA MC MD MG MK ML MR MX NE NL NO PH PL PT RO RU SE SI SK SN TD TG TJ TM TN TR UA UZ VN YU)
- (71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London, Greater London EC4P 4BQ (GB).
(only for / seulement pour AG AU BB BZ CA CY GB GD GH GM IE IL KE LK LS MN MW MZ NZ OM SD SG SL SZ TT TZ UG VC ZA ZM ZW)
- (71) HINDUSTAN LEVER LTD [IN/IN]; Hindustan Lever House, 165 - 166 Backbay Reclamation, 400 020 Mumbai (IN).
(only for / seulement pour IN)
- (72) BROUWEN, Lili, Faucia; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). HINES, John; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). VAN DE PAS, Johannes, Cornelis; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).
- (74) JACOBSON, Frans, L, M; Unilever NV, Patent Department, Olivier van Noortlaan, NL-3133 AT Vlaardingen (NL).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ

- CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12M 3/00, C12N 5/00, 5/06, G01N 33/48, 33/50
- (11) WO 03/038030 (13) A1
- (21) PCT/GB02/04862
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) en (26) en
- (30) 0126045.4 30 Oct/oct 2001 GB (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DEVICE WITH RECESSED TRACKS FOR FORMING A CELLULAR NETWORK
- DISPOSITIF AVEC PISTES EN RETRAIT POUR FORMATION DE RESEAU CELLULAIRE
- (71) QINETIQ LIMITED [GB/GB]; Registered Office, 85 Buckingham Gate, London SW1E 6PD (GB).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HEAL, Richard, David, Albert [GB/GB]; QinetiQ Winfrith, Winfrith Technology Center, Winfrith Newburgh, Dorchester, Dorset DT2 8XJ (GB). YEUNG, Chi-Kong [GB/CN]; 19D Block 8, Hong Kong Gold Coast, Tuen Mun, Hong Kong (CN). PARSONS, Alan, Thomas [GB/GB]; QinetiQ Winfrith, Winfrith Technology Center, Winfrith Newburgh, Dorchester, Dorset DT2 8XJ (GB).
- (74) KNIGHT, Samuel; IP QinetiQ Formalities, Cody Technology Park, A4 Building Ively Road, Farnborough, Hampshire GU14 0LX (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C12M 3/00, C12Q 1/02
- (11) WO 03/038031 (13) A1
- (21) PCT/JP02/11339
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) ja (26) ja
- (30) 2001/335579 31 Oct/oct 2001 JP (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CELL CULTURING SYSTEM AND METHOD FOR MEASURING DOSE RESPONSE
- SYSTEME DE CULTURE DE CELLULES ET PROCEDE DE MESURE DOSE-REPONSE
- (71) HAKUJU INSTITUTE FOR HEALTH SCIENCE CO., LTD. [JP/JP]; 37-5, Tomigaya 1-chome, Shibuya-ku, Tokyo 151-0063 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OHSAKI, Kazuo [JP/JP]; c/o Hakuju Institute for, Health Science Co., Ltd., 37-5, Tomigaya 1-chome, Shibuya-ku, Tokyo 151-0063 (JP). HARA, Akikuni [JP/JP]; c/o Hakuju Institute for, Health Science Co., Ltd., 37-5, Tomigaya 1-chome, Shibuya-ku, Tokyo 151-0063 (JP).
- (74) HAGIHARA, Makoto; Third Watanabe Building 9th Floor, 1-33, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP).
- (81) CA CN JP KR NO PH RU SG US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ C12N
- (11) WO 03/038032 (13) A2
- (21) PCT/DE02/04052
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) de (26) de
- (30) 101 53 902.9 25 Oct/oct 2001 DE (25.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MEANS FOR INHIBITION OF LENTIVIRUSES
- PRODUIT INHIBITEUR DE VIRUS LENTS
- (71) MEDICIS VENTURES MANAGEMENT GMBH [DE/DE]; Poschingerstr. 9, 81679 München (DE).
- (72) WILL, Hans; Paul-Sorge-Strasse 60a, 22549 Hamburg (DE). SCHUBERT, Ulrich; Jenaische Strasse 51, 07407 Uhlstädt (DE). TESSMER, Uwe; Roonstrasse 39, 20253 Hamburg (DE). BRUNS, Karsten; Hanftsweg 6, 20535 Hamburg (DE).
- (74) WEHLAN, Helmut; Paul-Gesche-Strasse 1, 10315 Berlin (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 03/038034 (13) A2
- (21) PCT/US02/31612
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 60/330,838 1 Nov/nov 2001 US (01.11.2001)
- (30) 60/331,398 15 Nov/nov 2001 US (15.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CALCITONIN-LIKE SEQUENCE EXPRESSED BY GONADOTROPES OF THE ANTERIOR PITUITARY
- SEQUENCE DE TYPE CALCITONINE EXPRIEMEE PAR DES GONADOTROPES DE LA GLANDE PITUITAIRE ANTERIEURE
-
- DK EE ES FI FR GB GR IE IT LU 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 03/038033 (13) A2
- (21) PCT/US02/31214
- (22) 2 Oct/oct 2002 (02.10.2002)
- (25) en (26) en
- (30) 60/326,767 2 Oct/oct 2001 US (02.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PROTEIN AND PEPTIDE NANOARRAYS
- NANORESEAUX DE PROTEINES ET DE PEPTIDES
- (71) NORTHWESTERN UNIVERSITY [US/US]; 2145 Sheridan Road, Evanston, IL 60208-3113 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MIRKIN, Chad, A. [US/US]; Northwestern University, 2145 Sheridan Road, Evanston, IL 60208-3113 (US). DELLA CIOPPA, Guy [US/US]; NanoInk, Inc, 1436 Randolph Street, Suite 402, Chicago, IL 60607 (US). DEMERS, Linette [CA/US]; NanoInk, Inc., 1436 Randolph Street, suite 402, Chicago, IL 60607 (US). LEE, Ki-Bum [US]; Northwestern University, 2145 Sheridan Road, Evanston, IL 60208-3113 (US). PARK, So-Jung [US]; Northwestern University, 2145 Sheridan Road, Evanston, IL 60208-3113 (US).
- (74) MAEBIUS, Stephen, B.; Foley & Lardner, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 03/038034 (13) A2
- (21) PCT/US02/31612
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 60/330,838 1 Nov/nov 2001 US (01.11.2001)
- (30) 60/331,398 15 Nov/nov 2001 US (15.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CALCITONIN-LIKE SEQUENCE EXPRESSED BY GONADOTROPES OF THE ANTERIOR PITUITARY
- SEQUENCE DE TYPE CALCITONINE EXPRIEMEE PAR DES GONADOTROPES DE LA GLANDE PITUITAIRE ANTERIEURE
-
- Declaration / Déclaration :
- (u) for / pour US only / seulement

(71) **TEXAS TECH UNIVERSITY** [US/US]; Box 42007, Lubbock, TX 79409-2007 (US).

(72) **SHAH, Girish, V.**; 5707 Mary Dell Drive, Amarillo, TX 79109 (US).

(74) **YANCY, Jennifer, P.**; Jones, Tullar & Cooper, P.C., P.O. Box 2266, Eads Station, Arlington, VA 22202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 03/038035** (13) A2

(21) PCT/US02/32379

(22) **9 Oct/oct 2002 (09.10.2002)**

(25) en (26) en

(30) 60/339,475 **26 Oct/oct 2001 (26.10.2001)** US

(43) 8 May/mai 2003 (08.05.2003)

(54) • **TRICHODERMA REESEI PHYTASE ENZYMES, NUCLEIC ACIDS ENCODING SUCH PHYTASE ENZYMES, VECTORS AND HOST CELLS INCORPORATING SAME AND METHODS OF MAKING AND USING SAME**

• **ENZYMES PHYTASE PRODUITES PAR TRICHODERMA REESEI, ACIDES NUCLEIQUES CODANT LES ENZYMES PHYTASE, VECTEURS ET CELLULES HOTES INCORPORANT LES ENZYMES PHYTASE, ET METHODES DE PRODUCTION ET D'UTILISATION DES ENZYMES PHYTASE**

(71) **GENENCOR INTERNATIONAL, INC.** [US/US]; 925 Page Mill Road, Palo Alto, CA 94304 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUNN-COLEMAN, Nigel** [US/US]; 142 Johnson Avenue, Los Gatos, CA 95032 (US). **GOEDEGEBUUR, Frits** [NL/NL]; Rozenlaan 128, NL-3135XV Vlaardingén (NL). **WARD, Michael** [GB/US]; 4372 24th Street, San Francisco, CA 94114 (US).

(74) **ANDERTON, H., Thomas**; Genencor International, Inc., 925 Page Mill Road, Palo Alto, CA 94304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 03/038036** (13) A2

(21) PCT/US02/32399

(22) **8 Oct/oct 2002 (08.10.2002)**

(25) en (26) en

(30) 60/328,319 **9 Oct/oct 2001 (09.10.2001)** US

(30) 60/376,685 **29 Apr/avr 2002 (29.04.2002)** US

(43) 8 May/mai 2003 (08.05.2003)

(54) • **RESCUE OF GONADOTROPIN RELEASING HORMONE RECEPTOR MUTANTS**

• **SAUVETAGE DE MUTANTS DU RECEPTEUR DE LA GONADOLIBERINE**

(71) **OREGON HEALTH & SCIENCE UNIVERSITY** [US/US]; Technology & Research Collaborations, 2525 S.W. First Avenue, Suite AD-120, Portland, OR 97201 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CONN, P., Michael** [US/US]; c/o Oregon Health & Science University, Technology & Research Collaborations, 2525 S.W. First Avenue, Suite AD-120, Portland, OR 97201 (US).

(74) **RYBAK, Sheree, Lynn**; Klarquist, Sparkman, LLP, Suite 1600, One World Trade Center, 121 SW Salmon Street, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C12N

(11) **WO 03/038037** (13) A2

(21) PCT/US02/33909

(22) **23 Oct/oct 2002 (23.10.2002)**

(25) en (26) en

(30) 60/350,160 **29 Oct/oct 2001 (29.10.2001)** US

(30) 60/337,905 **13 Nov/nov 2001 (13.11.2001)** US

(43) 8 May/mai 2003 (08.05.2003)

(54) • **GLYCOGEN SYNTHASE KINASE FUNCTION IN ENDOTHELIAL CELLS**

• **FONCTION GLYCOGENE DE LA SYNTHASE KINASE DANS LES CELLULES ENDOTHELIALES**

(71) **ST. ELIZABETH'S MEDICAL CENTER OF BOSTON, INC.** [US/US]; 736 Cambridge Street, Boston, MA 02135 (US).

(72) **WALSH, Kenneth**; 207 Judy Farm Road, Carlisle, MA 01741 (US).

(74) **STEELE, Alan, W.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 03/038038** (13) A2

(21) PCT/US02/33985

(22) **24 Oct/oct 2002 (24.10.2002)**

(25) en (26) en

(30) 60/330,629 **26 Oct/oct 2001 (26.10.2001)** US

(43) 8 May/mai 2003 (08.05.2003)

(54) • **16 HUMAN SECRETED PROTEINS**

• **PROTEINES SECRETEES HUMAINES 16**

(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 (US). **RUBEN, Steven, M.** [US/US]; 19420 Pyrite Lane, Brookeville, MD 20833 (US). **BIRSE, Charles, E.** [GB/US]; 13822 Saddleview Drive, North Potomac, MD 20878 (US). **KOMATSOULIS, George, A.** [US/US]; 9518 Garwood Street, Silver Spring, MD 20901 (US). **CHOI, Gil, H.** [US/US]; 11429 Potomac Oaks Drive, Rockville, MD 20850 (US).

(74) **MARTINEAU, Janet, M. et al. / etc.**; Human 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 03/038039** (13) A2

(21) PCT/US02/34122

(22) **25 Oct/oct 2002 (25.10.2002)**

(25) en (26) en

- (30) 60/330,663 **26 Oct/oct 2001** US
(26.10.2001)
- (30) 10/087,217 **4 Mar/mar 2002** US
(04.03.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • NOVEL CELL-BASED ASSAYS FOR G-PROTEIN-COUPLED RECEPTOR-MEDIATED ACTIVITIES
• NOUVEAUX DOSAGES FONDÉS SUR DES CELLULES UTILES POUR DÉTECTER LES ACTIVITÉS INDUITES PAR LES RECEPTEURS COUPLES A LA PROTEINE G
- (71) APTUS PHARMACEUTICALS, INC. [US/US]; 101 Orchard Ridge Drive, Suite 1E, Gaithersburg, MD 20878 (US).
- (72) YAO, Yong; c/o Aptus Pharmaceuticals, Inc., 101 Orchard Ridge Drive, Suite 1E, Gaithersburg, MD 20878 (US). CAO, Liang; c/o Aptus Pharmaceuticals, Inc., 101 Orchard Ridge Drive, Suite 1E, Gaithersburg, MD 20878 (US).
- (74) TUSCAN, Michael, S. et al. / etc.; Morgan, Lewis & Bockius LLP, 1111 Pennsylvania Avenue, N.W., Washington, DC 20004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N
- (11) WO 03/038041 (13) A2
- (21) PCT/US02/34234
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) en (26) en
- (30) 60/336,043 **26 Oct/oct 2001** US
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IL-4 MUTEIN PROTEINS, ANTIBODIES, COMPOSITIONS, METHODS AND USES
• MUT-IL-4: PROTEINES, ANTICORPS, COMPOSITIONS, PROCÉDES ET UTILISATIONS
- (71) CENTOCOR, INC. [US/US]; 200 Great Valley Parkway, Malvern, PA 19355 (US).
- (72) HEAVNER, George; 6 Oak Glen Drive, Malvern, PA 19355 (US). LI, Li; 1376 Stonegate Drive, Downingtown, PA 19335 (US).
- (74) JOHNSON, Philip, S. et al. / etc.; One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038040 (13) A2
- (21) PCT/US02/34193
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) en (26) en
- (30) 60/347,815 **29 Oct/oct 2001** US
(29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • 32235, A HUMAN AMINOTRANSFERASE FAMILY MEMBER AND USES THEREFOR
• 32235, MEMBRE DE LA FAMILLE DE L'AMINOTRANSFERASE HUMAINE ET SES UTILISATIONS
- (71) MILLENNIUM PHARMACEUTICALS, INC. [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RUDOLPH-OWEN, Laura, A. [US/US]; 186 Arborway, Apt. 1, Jamaica Plain, MA 02130 (US). TSAI, Fong-Ying [CN/US]; 15 Montclair Road, Newton, MA 02468 (US).
- (74) BOSSONE, Steven, A.; Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, MA 02139 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 03/038042 (13) A2
- (21) PCT/US02/34419
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 09/984,664 **30 Oct/oct 2001** US
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MOLECULAR DETECTION SYSTEMS UTILIZING REITERATIVE OLIGONUCLEOTIDE SYNTHESIS
• SYSTEMES DE DETECTION MOLECULAIRE DANS LESQUELS ON UTILISE UNE SYNTHÈSE OLIGONUCLEOTIDIQUE REITERATIVE
- (71) RIBOMED, INC. [US/US]; 3725 E. Atlanta Avenue, Phoenix, AZ 85040 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HANNA, Michelle, M. [US/US]; 3725 E. Atlanta Avenue, Phoenix, AZ 85040 (US).
- (74) BUGAISKY, Lawrence, B. et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, DC 20005-3934 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N
- (11) WO 03/038043 (13) A2
- (21) PCT/US02/34420
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) en (26) en
- (30) 60/346,402 **1 Nov/nov 2001** US
(01.11.2001)
- (30) 60/391,478 **24 Jun/juin 2002** US
(24.06.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • COMBINATIONS OF ANTIBODIES SELECTIVE FOR A TUMOR NECROSIS FACTOR-RELATED APOPTOSIS-INDUCING LIGAND RECEPTOR AND OTHER THERAPEUTIC AGENTS
• COMBINAISONS D'ANTICORPS SELECTIFS POUR RECEPTEUR DE LIGAND INDUISANT L'APOPTOSE LIEE AU FACTEUR DE NECROSE TUMORALE ET AUTRES AGENTS THERAPEUTIQUES
- (71) UAB RESEARCH FOUNDATION [US/US]; Suite 1120G, 701 South 20th Street, Birmingham, AL 35294 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZHOU, Tong [CH/US]; 332 West Stonebrook Place, Birmingham, AL 35226 (US). ICHIKAWA, Kimihisa [JP/JP]; 1-3-42-205, Teraya, Tsurumi-ku, Yokohama-shi, Kanagawa-ken 230-0015 (JP). KIMBERLY, Robert, P. [US/US]; 2045 Magnolia Ridge, Birmingham, AL 35243 (US). KOOPMAN, William, J. [US/US]; 187 Wildwood Avenue, Indian Springs, AL 35124 (US). OSHUMI, Jun [JP/JP]; 21-38, Edahigashi-2-chome, Tadaki-ku, Yokohama-shi, Kanagawa-ken 224-0006 (JP). LOBUGLIO, Albert, F. [US/US]; 2204 Tanglewood Road, Birmingham, AL 35216 (US). BUCHSBAUM, Donald, J. [US/US]; 140 Windwood Circle, Montevallo, Alabama 35115 (US).
- (74) MCKEON, Tina, Williams et al. / etc.; Needle & Rosenberg, P.C., The Candler Building, 127 Peachtree Street, N.E., Atlanta, GA 30303-1811 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 03/038044** (13) A2
(21) PCT/US02/34445
(22) **29 Oct/oct 2002 (29.10.2002)**
(25) en (26) en
(30) 60/350,988 **29 Oct/oct 2001** US
(29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • DNA POLYMERASE ETA (POL_η)
CDNA AND USES THEREOF
• ADNC ETA (POLYSG(H)) DE POLYME-
RASE D'ADN ET SES UTILISATIONS

(71) **PIONEER-HI-BRED INTERNATIONAL, INC.** [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50309 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAHAJAN, Pramod, B.** [US/US]; 8029 Brookview Drive, Urbandale, IA 50322 (US). **KANNAN, Priya** [IN/US]; 3910 NW Seasons Court, Ankeny, IA 50021 (US).

(74) **DRESS, Virginia, M. et al.** / etc.; 7100 N.W. 62nd Avenue, Darwin Building, Johnston, IA 50131-1000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 03/038045** (13) A2
(21) PCT/US02/34500
(22) **29 Oct/oct 2002 (29.10.2002)**
(25) en (26) en
(30) 60/330,693 **29 Oct/oct 2001** US
(29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • ACID PHOSPHATASE (ACP1) GENE AS
A SUSCEPTIBILITY LOCUS FOR HY-
PERLIPIDEMIA
• GENE D'ACIDE PHOSPHATASE
(ACP1) CONSTITUANT UN LOCUS
DE SUSCEPTIBILITE A L'HYPERLIPI-
DEMIE

(71) **CITY OF HOPE** [US/US]; 1500 East Duarte Road, Duarte, CA 91010 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COMINGS, David, E.** [US/US]; 59 Crestview Court, Duarte, CA 91010 (US). **MACMURRAY, James, P.** [US/US]; 1115 N. Yale, Loma Linda, CA 91911 (US). **BOTTINI, Nunzio** [IT/US]; The Burnham Institute, 10901 North Torrey Pines Road, La Jolla, CA 92037 (US).

(74) **FIGG, E., Anthony et al.** / etc.; Rothwell, Figg, Ernst & Manbeck, P.C., 1425 K Street, N.W., Suite 800, Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 03/038046** (13) A2
(21) PCT/US02/34554
(22) **25 Oct/oct 2002 (25.10.2002)**
(25) en (26) en
(30) 60/345,884 **27 Oct/oct 2001** US
(27.10.2001)
(43) 8 May/mai 2003 (08.05.2003)

(54) • MULTIPLE OLIGONUCLEOTIDES PER
GENE FOR USE IN GENE ARRAYS
• OLIGONUCLEOTIDES MULTIPLES
UTILISES POUR DES GENES INDIVI-
DUELS, DESTINES A ETRE UTILISES
DANS DES RESEAUX DE GENES

(71) **SIGMA GENOSYS, INC.** [US/US]; 1442 Lake Front Circle, The Woodlands, TX 77380 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIMS, Simon, H.** [GB/US]; 10403 Applebridge Drive, Houston, TX 77070 (US). **RAMASUBRAMANIAN, T., S.** [IN/US]; 179 North Golden Arrow, The Woodlands, TX 77381 (US). **APPEDDU, Paul** [US/US]; 9001 Silver Spring Lane, Houston, TX 77025 (US).

(74) **WOOTEN, David, K.**; Vinson & Elkins L.L.P., 1001 Fannin, Suite 2300, Houston, TX 77002-6760 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 03/038047** (13) A2
(21) PCT/US02/34588
(22) **29 Oct/oct 2002 (29.10.2002)**
(25) en (26) en
(30) 60/345,012 **29 Oct/oct 2001** US
(29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)

(54) • HUMAN TELOMERASE REVERSE
TRANSCRIPTASE AS A CLASS-II
RESTRICTED TUMOR-ASSOCIATED
ANTIGEN
• TRANSCRIPTASE INVERSE DE LA
TELOMERASE HUMAINE UTILISEE
COMME ANTIGENE TUMORAL DE
RESTRICTION DE CLASSE II

(71) **BAYLOR COLLEGE OF MEDICINE** [US/US]; One Baylor Plaza, Houston, TX 77030 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHEN, Si-Yi** [CN/US]; 3923 Abbeywood Drive, Pearland, TX 77584 (US). **ZHAOYANG, You** [US/US]; 7218 Cambridge #2, Houston, TX 77030 (US). **SCHROERS, Roland** [DE/DE]; Zue Lehmkuhle 26, 37176 North-Hardenberg (DE).

(74) **ACOSTA, Melissa, W. et al.** / etc.; Fulbright & Jaworski L.L.P., Suite 5100, 1301 McKinney, Houston, TX 77010-3095 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 03/038048** (13) A2
(21) PCT/US02/34596
(22) **30 Oct/oct 2002 (30.10.2002)**
(25) en (26) en
(30) 60/330,754 **30 Oct/oct 2001** US
(30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)

(54) • EX-VIVO RESCUE OF TRANS-
PLANTABLE HEMATOPOIETIC STEM
CELLS FOLLOWING MYELOABLATIVE
INJURY

• RECUPERATION EX-VIVO DE CEL-
LULES SOUCHES HEMATOPOIE-
TIQUES PERMETTANT LEUR UTI-
LISATION EN TRANSPLANTATION
APRES UNE BLESSURE MYELOA-
BLATIVE

(71) **THE UNITED STATES OF AMERICA**
as represented BY THE SECRETARY OF
THE NAVY [US]; c/o Thomas E. McDon-
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- Quincy Street, Arlington, VA 22217-5660 (US).
- (74) **HARLAN, David, M.**; 9012 Willow Valley Drive, Potomac, MD 20854 (US). **DAVIS, Thomas**; 2 Bridal Rose Court, Newtown, PA 18940 (US). **CHUTE, John**; 7701 Woodmont Avenue, #810, Bethesda, MD 20814 (US).
- (74) **NAVAL MEDICAL RESEARCH CENTER**; Office of Counsel, Code 00L, 503 Robert Grant Avenue, Silver Spring, MD 20910-7500 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 03/038049** (13) A2
- (21) PCT/US02/34645
- (22) **29 Oct/oct 2002 (29.10.2002)**
- (25) en (26) en
- (30) 60/340,689 **29 Oct/oct 2001 (29.10.2001)** US
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **METHOD FOR ISOLATING CELL-TYPE SPECIFIC MRNAS**
• **METHODE PERMETTANT D'ISOLER DES ARNM SPECIFIQUES D'UN TYPE DE CELLULE**
- (71) **RENOVIS, INC.** [US/US]; 270 Littlefield Avenue, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HEINTZ, Nathaniel** [US/US]; 441 Fowler Avenue, Pelham Manor, NY 10803 (US). **SERAFINI, Tito, A.** [US/US]; 1835 Mulberry Drive, San Mateo, CA 94403 (US). **SHYJAN, Andrew, W.** [US/US]; 177 Barford Avenue, San Carlos, CA 94070 (US).
- (74) **ANTLER, Adriane, M. et al. / etc.**; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038050** (13) A2
- (21) PCT/US02/34654
- (22) **28 Oct/oct 2002 (28.10.2002)**
- (25) en (26) en
- (30) 10/016,149 **1 Nov/nov 2001 (01.11.2001)** US
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **ANTISENSE MODULATION OF PHOSPHOLIPASE A2 GROUP V EXPRESSION**
• **MODULATION ANTISENS DE L'EXPRESSION DU GROUPE V DES PHOSPHOLIPASES A2**
- (71) **ISIS PHARMACEUTICALS, INC.** [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).
- (72) **BENNETT, C., Frank**; 1347 Cassing Street, Carlsbad, CA 92008 (US). **WYATT, Jacqueline, R.**; 1065 Hymettus Avenue, Encinitas, CA 92024 (US).
- (74) **LICATA, Jane, Massey et al. / etc.**; Licata & Tyrrel P.C., 66 E. Main Street, Marlton, NJ 08053 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038051** (13) A2
- (21) PCT/US02/34722
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) en (26) en
- (30) 10/000,778 **31 Oct/oct 2001 (31.10.2001)** US
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **METHOD OF INDUCING APOPTOSIS IN HYPERPROLIFERATIVE CELLS**
• **TECHNIQUES INDUISANT UNE APOPTOSE DANS DES CELLULES HYPERPROLIFERATIVES**
- (71) **THE METROHEALTH SYSTEM** [US/US]; 2500 MetroHealth Drive, Cleveland, OH 44109-1998 (US). **CASE WESTERN RESERVE UNIVERSITY** [US/US]; 10900 Euclid Avenue, Cleveland, OH 44103 (US).
- (71, 72) **BROWN, Arthur, M.** [US/US]; 9831 Hillsdale Road, Brecksville, OH 44141 (US). **WIBLE, Barbara, A.** [US/US]; 2315 Delaware Drive, Cleveland, OH 44109 (US).
- (74) **DOCHERTY, Pamela, A.**; Calfee, Halter & Griswold LLP, 1400 McDonald Investment Center, 800 Superior Avenue, Cleveland, OH 44114 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038052** (13) A2
- (21) PCT/US02/34846
- (22) **29 Oct/oct 2002 (29.10.2002)**
- (25) en (26) en
- (30) 60/348,442 **29 Oct/oct 2001 (29.10.2001)** US
- (30) 60/335,544 **1 Nov/nov 2001 (01.11.2001)** US
- (30) 60/337,535 **5 Nov/nov 2001 (05.11.2001)** US
- (30) 60/344,650 **9 Nov/nov 2001 (09.11.2001)** US
- (30) 60/334,762 **15 Nov/nov 2001 (15.11.2001)** US
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **NUCLEIC ACID-ASSOCIATED PROTEINS**
• **PROTEINES ASSOCIEES AUX ACIDES NUCLEIQUES**
- (71) **INCYTE GENOMICS, INC.** [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BECHA, Shanya, D.** [US/US]; 21062 Gary Drive # 117, Castro Valley, CA 94546 (US). **BOROWSKY, Mark, L.** [US/US]; 122 Orchard Avenue, Redwood City, CA 94061 (US). **BURFORD, Neil** [GB/US]; 105 Wildwood Circle, Durham, CT 06422 (US). **CHAWLA, Narinder, K.** [US/US]; 33 Union Square, #712, Union City, CA 94587 (US). **ELLIOTT, Vicki, S.** [US/US]; 3770 Polton Place Way, San Jose, CA 95121 (US). **EMERLING, Brooke, M.** [US/US]; 1735 Woodland Avenue # 71, Palo Alto, CA 94303 (US). **FORSYTHE, Ian, J.** [US/US]; 308 Roble Avenue, Redwood City, CA 94061 (US). **GIETZEN, Kimberly, J.** [US/US]; 691 Los Huecos Drive, San Jose, CA 95123 (US). **GORVAD, Ann, E.** [US/US]; 369 Marie Common, Livermore, CA 94550 (US). **GRIFFIN, Jennifer, A.** [US/US]; 33691 Mello Way, Fremont, CA 94555 (US). **HAFALIA, April, J., A.** [US/US]; 2227 Calle de Primavera, Santa Clara, CA 95054 (US). **ISON, Craig, H.** [US/US]; 1242 Weathersfield Way, San Jose, CA 95118 (US). **LAL, Preeti, G.** [US/US]; P.O. Box 5142, Santa Clara, CA 95056 (US). **LEE, Ernestine, A.** [US/US]; 20523 Crow Creek Road, Castro Valley, CA 94552 (US). **LEE, Sally** [US/US]; 3643 26th Street, San Francisco, CA 94110 (US). **LEE, Soo, Yeun** [KR/US]; 40 Westdale Avenue, Daly City, CA 94015 (US). **MARQUIS, Joseph, P.** [US/US]; 4428 Lazy Lane, San Jose, CA 95135 (US). **RAMKUMAR, Jayalaxmi** [IN/US]; 34359 Maybird Circle, Fremont, CA 94555 (US).

- SPRAGUE, William, W.** [US/US]; 611 13th Street # C, Sacramento, CA 95814 (US). **SWARNAKAR, Anita** [CA/US]; 8 Locksley Avenue #5D, San Francisco, CA 94122 (US). **TANG, Y., Tom** [US/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). **WARREN, Bridget, A.** [US/US]; 1810 S. El Camino Real #B103, Encinitas, CA 94024 (US). **YANG, Junming** [CN/US]; 7125 Bark Lane, San Jose, CA 95129 (US). **YUE, Henry** [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). **ZEBARJADIAN, Yeganeh** [IR/US]; 830 Junipero Serra Boulevard, San Francisco, CA 94127 (US).
- (74) **HAMLET-COX, Diana** et al. / etc.; Incey Genomics, Inc., 3160 Porter Drive, Palo Alto, CA 94304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038053** (13) A2
- (21) PCT/US02/34868
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) en (26) en
- (30) 60/335,583 **31 Oct/oct 2001 US (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • STRUCTURE-BASED DESIGN AND SYNTHESIS OF FGF INHIBITORS AND FGF MODULATOR COMPOUNDS
- CONCEPTION ET SYNTHÈSE DE TYPE STRUCTUREL D'INHIBITEURS DE FACTEUR DE CROISSANCE FIBROBLASTIQUE (FGF), ET COMPOSES MODULATEURS DE FGF
- (71) **NEW YORK UNIVERSITY** [US/US]; 70 Washington Square South, New York, NY 10012 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOOSA, Mohammadi** [US/US]; 287 Old Army Road, Scarsdale, NY 10583 (US). **GREEN, David, L.** [US/US]; 32 Walworth Avenue, Scarsdale, NY 10583 (US). **LINHARD, Robert, J.** [US/US]; 115 South Grand Avenue, Iowa City, IA 52242 (US).
- (74) **WOODLEY, Samuel, S.** 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038055** (13) A2
- (21) PCT/US02/35050
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) en (26) en
- (30) 60/336,386 **31 Oct/oct 2001 US (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PROTEINS INVOLVED IN REGULATION OF ADIPOCYTES AND USES RELATED THERETO
- PROTEINES IMPLIQUÉES DANS LA RÉGULATION DES ADIPOCYTES ET UTILISATIONS ASSOCIÉES
- (71) **MDS PROTEOMICS, INC.** [CA/CA]; 251 Atwell Drive, Toronto, Ontario M9W 7H4 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BLAGOEV, Blagoy, Andonov** [BG/DK]; Langelinie 45, lejl.101, 5230 Odense M, Denmark (DK). **KRATCHMAROVA, Irina, Hristova** [BG/DK]; Langelinie 45, lejl.101, 5230 Odense M, Denmark (DK). **MANN, Matthias** [DE/DK]; Gronningen 10, DK-5230 Odense, Denmark (DK). **PANDEY, Akilesh** [IN/US]; 2-127 Jefferson Street Building, 600 N. Wolfe Street, Baltimore, MD 21287, United States of America (US). **PODTELEJNIKOV, Alexandre, V.** [RU/DK]; Jeppe Aakjaers Alle 46., DK 5210 Odense NV, Denmark (DK).
- (74) **HALSTEAD, David P.**; Ropes & Gray, One International Place, Boston, Massachusetts 02110-2624, United States of America (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038056** (13) A2
- (21) PCT/US02/35110
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) en (26) en
- (30) 60/350,168 **2 Nov/nov 2001 US (02.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS FOR INHIBITING LENTIVIRUS REPLICATION
- METHODES PERMETTANT D'INHIBER LA RÉPLICATION D'UN LENTIVIRUS
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHERMAN, Michael** [US/US]; Gladstone Institute of Virology and Immunology, Building 3, Room 601, San Francisco, CA 94143 (US). **GREENE, Warner C.** [US/US]; 25 Brooke Court, Hillsborough, CA 94101 (US). **SCHUBERT, Ulrich** [DE/DE]; University of Hamburg, Heinrich-Pette-Institute of Experimental Virology and Immunology, 20251 Hamburg (DE). **WRAY, Victor** [DE/DE]; University of Hamburg, Heinrich-Pette-Institute of Experimental Virology and Immunology, 20251 Hamburg (DE).

- TESSMER, Uwe [DE/DE]; University of Hamburg, Heinrich-Pette-Institute of Experimental Virology and Immunology, 20251 Hamburg (DE). HENKLEIN, Peter [DE/DE]; Humboldt University, Institute of Biochemistry, 10115 Berlin (DE). BRUNS, Karsten [DE/DE]; Humboldt University, Institute of Biochemistry, 10115 Berlin (DE).
- (74) BORDEN, Paula, A.; Bozicevic, Field & Francis LLP, 200 Middlefield Road, Suite 200, Menlo Park, CA 94025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 03/038057 (13) A2
- (21) PCT/US02/35112
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 10/003,035 1 Nov/nov 2001 US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • GENETIC VACCINE AGAINST HUMAN IMMUNODEFICIENCY VIRUS
- VACCIN GENETIQUE CONTRE LE VIRUS DE L'IMMUNODEFICIENCE HUMAINE (VIH)
- (63) US 10/003,035 (CON) 1 Nov/nov 2001 (01.11.2001)
- (71) GENPHAR, INC. [US/US]; 871 Lowcountry Boulevard, Mount Pleasant, SC 29464 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WANG, Danher [CN/US]; 4201 Victory Pointe Drive, Mt. Pleasant, SC 29466 (US).
- (74) CHEN, Shirley; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038058 (13) A2
- (21) PCT/US02/35121
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 10/000,978 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SURFACTANT PROTEIN D FOR THE PREVENTION AND DIAGNOSIS OF PULMONARY EMPHYSEMA
- PROTEINE TENSIOACTIVE D POUR LA PREVENTION ET LE DIAGNOSTIC DE L'EMPHYSEME PULMONAIRE
- (71) CHILDREN'S HOSPITAL MEDICAL CENTER [US/US]; 3333 Burnet Avenue, Cincinnati, OH 45229 (US).
- (72) WHITSETT, Jeffrey, A.; 5565 Salem Road, Cincinnati, OH 45230 (US).
- (74) HUNT, Dale, C.; KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 03/038059 (13) A2
- (21) PCT/US02/35139
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 60/335,151 1 Nov/nov 2001 US (01.11.2001)
- (30) 10/286,024 1 Nov/nov 2002 US (01.11.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ENZYMATIC MANIPULATION OF METAL PARTICLE-BOUND DNA
- MANIPULATION ENZYMATIQUE D'ADN LIE A UNE PARTICULE DE METAL
- (71) THE PENN STATE RESEARCH FOUNDATION [US/US]; 304 Old Main, University Park, PA 16802-2504 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KEATING, Christine, Dolan [US/US]; 304 Old Main, University Park, PA 16802-1504 (US). PENA, Sheila, R., N. [US/US]; 304 Old Main, University Park, PA 16802-1504 (US). GOODRICH, Glenn, P. [US/US]; 304 Old Main, University Park, PA 16802-1504 (US). FEDOROFF, Nina, V. [US/US]; 304 Old Main, University Park, PA 16802-1504 (US). RAINA, Surabhi [US/US]; 304 Old Main, University Park, PA 16802-1504 (US).
- (74) CATLETT, Matthew; McKee, Voorhees & Sease, P.L.C., 801 Grand Avenue, Suite 3200, Des Moines, IA 50309-2721 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 03/038060 (13) A2
- (21) PCT/US02/35151
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 60/330,865 1 Nov/nov 2001 US (01.11.2001)
- (30) 60/363,836 14 Mar/mar 2002 US (14.03.2002)
- (30) Not furnished / non communiqué 1 Nov/nov 2002 US (01.11.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SMALL MOLECULE INHIBITORS TARGETED AT BCL-2
- INHIBITEURS DE PETITES MOLECULES CIBLES SUR BCL-2
- (71) THE REGENTS OF THE UNIVERSITY OF MICHIGAN [US/US]; 2071 Wolverine Tower, 3003 South State Street, Ann Arbor, MI 48109-1280 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WANG, Shaomeng [US/US]; 9343 Yorkshire Drive, Saline, MI 48176 (US).
- (74) BORDNER, Thomas, J. et al. / etc.; Medlen & Carroll, LLP, Suite 350, 101 Howard Street, San Francisco, CA 94105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038061 (13) A2
- (21) PCT/US02/35226
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 60/335,611 1 Nov/nov 2001 US (01.11.2001)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • EHRlichia DISULFIDE BOND FORMATION PROTEINS AND USES THEREOF
• PROTEINES DE FORMATION DE LIAISON DISULFURE ET UTILISATION DE CES DERNIERES
- (71) RESEARCH DEVELOPMENT FOUNDATION [US/US]; 402 North Division Street, Carson City, NV 89703 (US).
- (72) MCBRIDE, Jere, W.; 410 Gastonbury Ct., League City, TX 77573 (US). WALKER, David, H.; 22 North Dansby, Galveston, TX 77551 (US).
- (74) ADLER, Benjamin, A.; Adler & Associates, 8011 Candle Lane, Houston, TX 77071 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038062 (13) A2
- (21) PCT/US02/35240
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 60/336,473 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • GENERATION OF USE OF TC1 AND TC2 CELLS
• GENERATION ET UTILISATION DE CELLULES TC1 ET TC2
- (71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as represented by THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; National Institutes of Health, Office of Technology Transfer, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852-3804 (US). THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA [US/US]; Center for Technology Transfer, 3160 Chestnut Street, Suite 200, Philadelphia, PA 19104-6283 (US). UNIVERSITY HEALTH NETWORK [CA/CA]; 610 University Avenue, Toronto, Ontario M5G 2M9 (CA).
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- (72, 75) FOWLER, Daniel [US/US]; 5219 Elsmere Avenue, Bethesda, MD 20814 (US). JUNG, Unsu [US/US]; 43951 Rochelle Court, Ashburn, VA 20147 (US). MEDIN, Jeffrey, A. [US/CA]; 93 Dunblaine Avenue, North York, Ontario M5M 2S2 (CA). GRESS, Ronald, E. [US/US]; 15621 Ancient Oak Drive, Gaithersburg, MD 20878-3560 (US). ERDMANN, Andreas [DE/US]; 1641 Wilson Ave., NW #2, Washington, DC 20007 (US). LEVINE, Bruce [US/US]; 1258 Liberty Bell Drive, Cherry Hill, NJ 08003 (US). JUNE, Carl [US/US]; 409 Baird Road, Merion Station, PA 19066-1416 (US).
- (74) RYBAK, Sheree, Lynn; Klarquist, Sparkman, LLP, Suite 1600, One World Trade Center, 121 SW Salmon Street, Portland, OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 03/038063 (13) A2
- (21) PCT/US02/08277
- (22) 19 Mar/mar 2002 (19.03.2002)
- (25) en (26) en
- (30) 60/277,340 21 Mar/mar 2001 US (21.03.2001)
- (30) 60/306,171 19 Jul/juil 2001 US (19.07.2001)
- (30) 60/331,287 13 Nov/nov 2001 US (13.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • HUMAN SECRETED PROTEINS
• PROTEINES SECRETEES HUMAINES
- (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 (US). RUBEN, Steven, M. [US/US]; 18528 Heritage Hills Drive, Olney, MD 20832 (US).
- (74) HOOVER, Kenley, K.; Human 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 SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VC VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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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- Published / Publiée : (q2)
- (51)⁷ C12N 1/14, 1/38, 1/36, C12P 5/02, 23/00, C12N 13/00, C12S 3/00 // (C12P 5/02, C12R 1:645) (C12P 23/00, C12R 1:645)
- (11) WO 03/038064 (13) A2
- (21) PCT/EP02/12017
- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) en (26) en
- (30) 2001129106 29 Oct/oct 2001 RU (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • FERMENTATIVE PRODUCTION OF LYCOPENE BY BLAKESLEA TRISPORA
• FABRICATION FERMENTATIVE DE LYCOPENE AU MOYEN DE BLAKESLEA TRISPORA
- (71) DSM N.V. [NL/NL]; Het Overloon 1, NL-6411 TE HEERLEN (NL). GOSNI-IGENETIKA [RU/RU]; 1st Dorozhny pr. 1, 113545 MOSCOW (RU).
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- (72, 75) SCHAAP, Albert [NL/NL]; Smitshoek 13, NL-2993 BG BARENDRECHT (NL). VAVILOVA, Ekaterina, Aleksandrovna [RU/RU]; Dnepropetrovskaya st, 23-3, ap. 104, 113525 MOSCOW (RU). FLYAKH, Yadviga, Vitol 'dovna [RU/RU]; Dnepropetrovskaya st, 23-3, ap.35, 113525 MOSCOW (RU). MOROZOVA, Elena, Sergeevna [RU/RU]; Smolenskaya sq., 131/21, ap. 53, 121099 MOSCOW (RU). VINETSKI, Yuri, Pavlovich [RU/RU]; Paustovskogo st., 3, ap. 402, 117463 MOSCOW (RU). IVLIEVA, Natalia, Alexandrovna [RU/RU]; Kosmonavtov st., 28, ap. 34, 129278 MOSCOW (RU). SEPEBRENNIKOV, Vladimir, Mikhailovich [RU/RU]; Novopeschanaya st., 6, ap. 11, 125057 MOSCOW (RU). VORONINA, Lilia, Nikolaevna [RU/RU]; Stalevarov st, 4-4, ap. 489, 111531 MOSCOW (RU). AKISHINA, Raisa, Illarionovna [RU/RU]; Vernadskogo prsp., 93, ap. 92, 117526 MOSCOW (RU). GLASUNOV, Alexander, Viktorovich [RU/RU]; Sumskoj pr., 21-1, ap. 57, 113208 MOSCOW (RU).
- (74) MATULEWICZ, Emil, Rudolf, Antoni; DSM N.V., DSM Patents & Trademarks, Office Delft (600-0240), P.O. Box 1, NL-2600 MA DELFT (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (m)
- (51)⁷ C12N 1/14
- (11) WO 03/038065 (13) A1
- (21) PCT/KR02/02039
- (22) 2 Nov/nov 2002 (02.11.2002)
- (25) ko (26) en
- (30) 2001/68126 2 Nov/nov 2001 KR (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • THE NOVEL METARHIZIUM GENUS MICROORGANISM AND THE

METHOD FOR CONTROLLING THE SOIL PESTS USING THE SAME

- NOUVEAU MICRO-ORGANISME DU GENRE METARHIZIUM ET PROCEDE SERVANT A LUTTER CONTRE LES PARASITES CONTENUS DANS LE SOL AU MOYEN DE CE MICRO-ORGANISME

(71) KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY [KR/KR]; 52, Oun-dong, Yusung-ku, 305-333 Taejeon (KR).

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(74) LEE, Won-Hee; 8th Fl., Sung-ji Heights II, 642-16 Yoksam-dong, Kangnam-ku, 135-080 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/KR02/02040

(22) 2 Nov/nov 2002 (02.11.2002)

(25) ko (26) en

(30) 2001/68127 2 Nov/nov 2001 KR (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • THE NOVEL PAECILOMYCES GENUS MICROORGANISM AND MICROBIAL INSECTICIDE FOR CONTROLLING THE SOIL PESTS CONTAINING THE SAME

- NOUVEAU MICRO-ORGANISME DU GENRE PAECILOMYCES ET INSECTICIDE MICROBIEN POUR LA LUTTE CONTRE LES PARASITES DU SOL LE CONTENANT

(71) KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY [KR/KR]; 52, Oun-dong, Yusung-ku, 305-333 Taejeon (KR).

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(72, 75) PARK, Ho Yong [KR/KR]; #12-403 Shindonga Apt., 1 Yongjeon-dong, Dong-ku, 300-823 Taejeon (KR). SON, Kwang

Hee [KR/KR]; #103-1702 Hanbit Apt., Oun-dong, Yusung-ku, 305-755 Taejeon (KR). SUH, Eun Young [KR/KR]; 12/3, 348-42 Toigye-dong, 200-943 Chuncheon, Kangwon-do (KR). KIM, Ki-Duk [KR/KR]; 187-8 Chun-dong, Dong-ku, 300-040 Taejeon (KR). SHIN, Dong Ha [KR/KR]; #101 Chungmyung Villa, 126-8 Shinsung-dong, Yusung-ku, 305-345 Taejeon (KR).

(74) LEE, Won-Hee; 8th Fl., Sung-ji Heights II, 642-16 Yoksam-dong, Kangnam-ku, 135-080 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 1/19, C12P 7/06, 7/10, 7/18 // C12N 9/02, 15/80

(11) WO 03/038067 (13) A1

(21) PCT/FI02/00841

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 20012091 29 Oct/oct 2001 FI (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FUNGAL MICRO-ORGANISM HAVING AN INCREASED ABILITY TO CARRY OUT BIOTECHNOLOGICAL PROCESS(ES)

- MICROORGANISME FONGIQUE PLUS ADAPTE A LA MISE EN OEUVRE DE PROCESSUS BIOTECHNOLOGIQUES

(71) VALTION TEKNIINEN TUTKIMUSKESKUS [FI/FI]; Vuorimiehentie 5, FIN-02150 Espoo (FI).

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(72, 75) RICHARD, Peter [DE/FI]; Marjalahdentie 11 B 2, FIN-00930 Helsinki (FI). VERHO, Ritva [FI/FI]; Avaruuskatu 4 A 8, FIN-02210 Espoo (FI). LONDESBOROUGH, John [GB/FI]; Jääkärikatu 9 A 15, FIN-00150 Helsinki (FI). PENTTILÄ, Merja [FI/FI]; Vattuniemenkatu 2 A 22, FIN-00210 Helsinki (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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, A61K 35/74 // (C12N 1/20, C12R 1:225)

(11) WO 03/038068 (13) A1

(21) PCT/SE02/01704

(22) 19 Sep/sep 2002 (19.09.2002)

(25) en (26) en

(30) 0103127-7 20 Sep/sep 2001 SE (20.09.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LACTIC ACID PRODUCING BACTERIA FOR USE AS PROBIOTIC ORGANISMS IN THE HUMAN VAGINA

- BACTERIE PRODUISANT DE L'ACIDE LACTIQUE EN TANT QU'ORGANISME PROBIOTIQUE POUR VAGIN DE FEMME

(71) ELLEN AB [SE/SE]; Tennisvägen 1, S-262 61 Ängelholm (SE).

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(72, 75) SAMUELSSON, Carolina [SE/SE]; Studentvägen 13, S-752 34 Uppsala (SE). KVANTA, Endre [SE/SE]; Mossvägen 22, S-262 61 Ängelholm (SE). WEINER JIFFER, Anna [SE/SE]; Persgården, Killeberg, S-312 92 Laholm (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12N 5/00, C08B 37/00 // C12R 1:41

(11) WO 03/038069 (13) A1

(21) PCT/FR02/03659

(22) 24 Oct/oct 2002 (24.10.2002)

(25) fr (26) fr

(30) 01/13993 29 Oct/oct 2001 FR (29.10.2001)

(30) 02/13095 21 Oct/oct 2002 FR (21.10.2002)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SOLID CULTURE MEDIUM FOR MICRO-ORGANISMS AND EUKARYOTIC CELLS AND THE PRODUCTION METHOD OF SAME
- MILIEU DE CULTURE SOLIDE POUR MICRO-ORGANISMES ET CELLULES EUCARYOTES AINSI QUE SON PROCEDE D'OBTENTION
- (71) AGRO INDUSTRIE RECHERCHES ET DEVELOPPEMENTS (A.R.D.) [FR/FR]; Route de Bazancourt, F-51110 Pomacle (FR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BELARDI, Abdelkader [FR/FR]; 7, allée du Mont Treppe, F-51430 Bezannes (FR). DE BAYNAST, Régis [FR/FR]; 35, rue de l'Ermitage, F-78000 Versailles (FR). BRÉSIN, Anthony [FR/FR]; 133, boulevard Pommery, F-51110 Reims (FR).
- (74) HAMMOND, William; Cabinet Hammond, 33, rue Vaneau, F-75007 Paris (FR).
- (81) AE AG AL AU BA BB BR CA CN CO CR CU DM DZ EC GD GE HR HU ID IL IN IS JP KP KR LC LR LT LV MA MG MK MN MX NO NZ OM PH PL RO SG SI TN TT UA US UZ VN YU ZA.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C12N 5/02, 11/00, C12M 3/00
- (11) WO 03/038070 (13) A1
- (21) PCT/JP02/11388
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) ja (26) ja
- (30) 2001-334835 31 Oct/oct 2001 JP (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • BASE MATERIAL FOR CULTURING EMBRYO STEM CELLS AND CULTURE METHOD
- MATERIAU DE BASE POUR CULTURE DE CELLULES SOUCHES EMBRYONAIRES ET PROCEDE DE CULTURE
- (71) ASAHİ 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) MIYABAYASHI, Tomoyuki [JP/JP]; Kurieitohaitsu 306, 690-1, Kawanarajima, Fuji-shi, Shizuoka 416-0939 (JP). HATANAKA, Yoshihiro [JP/JP]; Mezonriveru-Fuji 103, 311-42, Miyashita, Fuji-shi, Shizuoka 416-0947 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 5/06
- (11) WO 03/038072 (13) A1
- (21) PCT/EP02/12101
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 01870234.0 31 Oct/oct 2001 EP (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • GENERATION AND USE OF NEW TYPES OF DENDRITIC CELLS
- GENERATION ET UTILISATION DE NOUVEAUX TYPES DE CELLULES DENDRITIQUES
- (71) UNIVERSITE LIBRE DE BRUXELLES [BE/BE]; Route de Lennik 808, B-Bruxelles 1070 (BE).
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE 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) GOLDMAN, Michel [BE/BE]; Avenue J. Jongen 17, B-1180 Bruxelles (BE). ISMAILI, Jamila [BE/GM]; MRC Laboratories, Atlantic Road, -- Fajara (GM).
- (74) BRANTS, Johan, Philippe, Emi; De Clercq, Brants & partners cv, Edgard Gevaertdreef 10a, B-9830 Sint-Martens-Latem (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
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- (51)⁷ C12N 5/06
- (11) WO 03/038073 (13) A2
- (21) PCT/FR02/03738
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) fr (26) fr
- (30) 01/14025 30 Oct/oct 2001 FR (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR ENHANCING KERATINOCYTE STEM CELLS
- PROCEDE D'ENRICHISSEMENT DE CELLULES SOUCHES KERATINOCYTAIRES
- (71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR). L'OREAL [FR/FR]; 14, rue Royale, F-75008 Paris (FR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HATZFELD, Jacques [FR/FR]; 44, rue Florian, F-92160 Antony (FR). FORTUNEL, Nicolas [FR/FR]; 2, chemin des Gravières, F-91650 Breuillet (FR). HATZFELD, Antoinette [FR/FR]; 44, rue Florian, F-92160 Antony (FR).
- (74) GROSSET-FOURNIER, Chantal et al. / etc.; Grosset-Fournier & Demachy Sarl, 20, rue de Maubeuge, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 5/06, A61K 35/28, A61P 25/00

(11) WO 03/038074 (13) A1

(21) PCT/JP01/09510

(22) 30 Oct/oct 2001 (30.10.2001)

(25) ja (26) ja

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF INDUCING DIFFERENTIATION OF MESOBLAST STEM CELLS OR ES CELLS INTO NERVE SYSTEM CELLS

• PROCEDE D'INDUCTION DE DIFFERENCIATION DE CELLULES SOUCHES DE MESOBLASTES OU DE CELLULES ES DANS DES CELLULES DU SYSTEME NERVEUX

(71) RENOMEDIX INSTITUTE INC. [JP/JP]; 327-20, Minami 1 Jou Nishi 11-chome, Chuo-ku, Sapporo-shi, Hokkaido 060-0061 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) HONMOU, Osamu [JP/JP]; 1, Minami 1 Jou Nishi 24-chome, Chuo-ku, Sapporo-shi, Hokkaido 064-0801 (JP).

(74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 5/06, A61K 35/28, A61P 25/00

(11) WO 03/038075 (13) A1

(21) PCT/JP02/11294

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ja (26) ja

(30) PCT/JP01/09510 30 Oct/oct 2001 JP (30.10.2001)

(30) PCT/JP02/03344 3 Apr/avr 2002 JP (03.04.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF INDUCING DIFFERENTIATION OF MESODERMAL STEM CELLS, ES CELLS OR IMMORTALIZED CELLS INTO NERVOUS SYSTEM CELLS

• PROCEDE PERMETTANT D'INDUIRE UNE DIFFERENCIATION DE CELLULES SOUCHES EMBRYONNAIRES MESODERMIQUES, DE CELLULES ES OU DE CELLULES IMMORTALISEES DANS DES CELLULES DU SYSTEME NERVEUX

(71) RENOMEDIX INSTITUTE INC. [JP/JP]; 327-20, Minami 1 Jou Nishi 11-chome, Chuo-ku, Sapporo-shi, Hokkaido 061-0061 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HONMOU, Osamu [JP/JP]; 1, Minami 1 Jou Nishi 24-chome, Chuo-ku, Sapporo-shi, Hokkaido 064-0801 (JP). HAMADA, Hirofumi [JP/JP]; 2-1-30-602, Miyagaoka, Chuo-ku, Sapporo-shi, Hokkaido 064-0959 (JP).

(74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 5/06, 5/10, A61K 35/32, 35/18, C12N 15/09

(11) WO 03/038076 (13) A1

(21) PCT/JP02/11389

(22) 31 Oct/oct 2002 (31.10.2002)

(25) ja (26) ja

(30) 2001-335375 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • IMMORTALIZED MESENCHYMAL CELLS AND UTILIZATION THEREOF
• CELLULES MESENCHYMATEUSES IMMORTALISEES ET LEUR UTILISATION

(71) RENOMEDIX INSTITUTE INC. [JP/JP]; 327-20, Minami 1-jo nishi 11-chome., Chuo-ku, Sapporo-shi., Hokkaido 060-0061 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAMADA, Hirofumi [JP/JP]; 1-30-602, Miyagaoka 2-chome, Chuo-ku, Sapporo-shi, Hokkaido 064-0959 (JP). KAWANO, Yutaka [JP/JP]; Santanoyakata-Idaimae 902, Minami 1-jo Nishi 19-chome, Chuo-ku, Sapporo-shi, Hokkaido 060-0061 (JP). NAKAMURA, Kiminori [JP/JP]; Lions Mansion Makomanai-koen 504, Makomanai-kamimachi 1-chome, Minami-ku, Sapporo-shi, Hokkaido 005-0012 (JP). KOBUNE, Masayoshi [JP/JP]; 2-20-502, Minami 16-jo Nishi 8-chome, Chuo-ku, Sapporo-shi, Hokkaido 064-0916 (JP). HONMOU, Osamu [JP/JP]; Villeneuve Urasando 1401, 1-13, Minami 1-jo Nishi 24-chome, Chuo-ku, Sapporo-shi, Hokkaido 064-0801 (JP). TANOOKA, Atsushi [JP/JP]; 1717-245, 5-jo-dori 20-chome, Asahikawa-shi, Hokkaido 078-8215 (JP). OKA, Shin-ichi [JP/JP]; Togashi Mansion 502, 1-30, Kita 3-jo Nishi 16-chome, Chuo-ku, Sapporo-shi, Hokkaido 064-0003 (JP). SASAKI, Katsunori [JP/JP]; 1-10, Kita 32-jo Higashi 12-chome, Higashi-ku, Sapporo-shi, Hokkaido 065-0032 (JP). TSUDA, Hajime [JP/JP]; 1-25-205, Minami 9-jo Nishi 17-chome, Chuo-ku, Sapporo-shi, Hokkaido 064-0809 (JP). ITO, Yoshinori [JP/JP]; 1-1-409, Minami 21-jo Nishi 15-chome, Chuo-ku, Sapporo-shi, Hokkaido 064-0921 (JP). KATO, Junji [JP/JP]; 2-10, Minami

17-jo Nishi 12-chome, Chuo-ku, Sapporo-shi, Hokkaido 064-0917 (JP). MATSUNAGA, Takuya [JP/JP]; 2-1-1503, Higashisapporo 3-jo 1-chome, Shiroishi-ku, Sapporo-shi, Hokkaido 003-0003 (JP). NIITSU, Yoshio [JP/JP]; 2-1-901, Kita 3-jo Nishi 30-chome, Chuo-ku, Sapporo-shi, Hokkaido 064-0823 (JP).

(74) HIRAKI, Yusuke et al. / etc.; Toranomon No.5 Mori Building Third Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 5/08

(11) WO 03/038077 (13) A1

(21) PCT/JP02/11317

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ja (26) ja

(30) 2001-331940 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF AMPLYFYING HEMATOPOIETIC STEM CELLS
• PROCEDE D'AMPLIFICATION DES CELLULES HEMATOPOIETIQUES SOUCHES

(71) DAIICHI PHARMACEUTICAL CO., LTD. [JP/JP]; 14-10, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-8234 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAWA, Katsuhiko [JP/JP]; c/o Daiichi Pharmaceutical Co., Ltd., Tokyo R & D Center, 16-13, Kitakasai 1-chome, Edogawa-ku, Tokyo 134-8630 (JP). HASUMURA, Mai [JP/JP]; c/o Daiichi Pharmaceutical Co., Ltd., Tokyo R & D Center, 16-13, Kitakasai 1-chome, Edogawa-ku, Tokyo 134-8630 (JP). IMADA, Chiharu [JP/JP]; c/o Daiichi Pharmaceutical Co., Ltd., Tokyo R & D Center, 16-13, Kitakasai 1-chome, Edogawa-ku, Tokyo 134-8630 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

- RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N 9/00
(11) WO 03/038078 (13) A2
(21) PCT/GB02/04940
(22) 31 Oct/oct 2002 (31.10.2002)
(25) en (26) en
(30) 0126415.9 2 Nov/nov 2001 GB
(02.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • ENZYMES AND ENZYME INHIBI-
TION
• ENZYMES ET INHIBITION D'EN-
ZYMES
(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) STOTT, David [GB/GB]; Biological
Sciences, University of Warwick, Coventry
CV4 7AL (GB). SEUNG-WOON, Seo
[KR/GB]; Biological Sciences, University of
Warwick, Coventry CV4 7AL (GB). CRAIG,
Gavin, M. [GB/GB]; Department of Zoology,
University of Cambridge, Cambridge CB2
7AL (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 BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 9/00
(11) WO 03/038079 (13) A2
(21) PCT/NL02/00694
(22) 1 Nov/nov 2002 (01.11.2002)
(25) en (26) en
(30) 10/004,219 2 Nov/nov 2001 US
(02.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • A MAMMALIAN MUCINASE, ITS RE-
COMBINANT PRODUCTION, AND ITS
USE IN THERAPY OR PROPHYLAXIS
AGAINST DISEASES IN WHICH MU-
CUS IS INVOLVED OR INFECTIOUS
DISEASES
• MUCINASE MAMMIFERE, PRODUCTION
DE SON RECOMBINE ET SON
UTILISATION DANS LE TRAITEMENT
OU LA PROPHYLAXIE DE MALADIES
DANS LESQUELLES INTERVIENT LE
- MUCUS OU DE MALADIES INFEC-
TIEUSES
(71) MACROZYME B.V. [NL/NL];
Meibergdreef 45, NL-1105 BA Amsterdam
(NL).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) AERTS, Johannes, Maria, Francis-
cus, Gerardus [NL/NL]; Sandbergstraat 3,
NL-1391 EJ Abcoude (NL). BOOT, Rolf,
Gabriel [NL/NL]; Edisonstraat 7, NL-1098
SX Amsterdam (NL).
(74) PRINS, A.W.; Nieuwe Parklaan 97,
NL-2587 BN Den Haag (NL).
(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK (Utility model /
modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N 9/16, A61K 31/00, G01N 33/58
(11) WO 03/038080 (13) A1
(21) PCT/IB02/04426
(22) 24 Oct/oct 2002 (24.10.2002)
(25) en (26) en
(30) 0126417.5 2 Nov/nov 2001 GB
(02.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • CRYSTAL STRUCTURE OF PHOSPHO-
DIESTERASE 5 AND USE THEREOF
• STRUCTURE CRISTALLINE DE PHOS-
PHODIESTERASE 5 ET SON UTILISA-
TION
(71) PFIZER LIMITED [GB/GB]; Ramsgate
Road, Sandwich, Kent CT13 9NJ (GB).
(only for / seulement pour GB)
(71) PFIZER INC. [US/US]; 235 East 42nd
Street, New York, NY 10017 (US).
*(for all designated States except / pour tous
les États désignés sauf GB US)*
(72, 75) BROWN, David, Graham [GB/GB];
Pfizer Global Research and Development,
Ramsgate Road, Sandwich, Kent CT13 9NJ
(GB). GROOM, Colin, Roger [GB/GB];
Pfizer Global Research and Development,
Ramsgate Road, Sandwich, Kent CT13 9NJ
(GB). HOPKINS, Andrew, Lee [GB/GB];
Pfizer Global Research and Development,
Ramsgate Road, Sandwich, Kent CT13 9NJ
(GB). JENKINS, Timothy, Mark [GB/GB];
Pfizer Global Research and Development,
Ramsgate Road, Sandwich, Kent CT13 9NJ
(GB). KAMP, Sarah, Helen [GB/GB]; U.K.
Patent Department, Pfizer Limited, Rams-
gate Road, Sandwich, Kent CT13 9NJ (GB).
O'GARA, Margaret, Mary [IE/FR]; Pfizer
Global Research and Development, 3-9, rue
- de la Loge, B.P. 100, F-94265 Fresnes Cedex
(FR). RINGROSE, Heather, Joan [GB/GB];
Pfizer Global Research and Development,
Ramsgate Road, Sandwich, Kent CT13 9NJ
(GB). ROBINSON, Colin, Mark [GB/GB];
Pfizer Global Research and Development,
Ramsgate Road, Sandwich, Kent CT13 9NJ
(GB). TAYLOR, Wendy, Elaine [GB/GB];
Pfizer Global Research and Development,
Ramsgate Road, Sandwich, Kent CT13 9NJ
(GB).
(74) ENGLAND, Peter, M. et al. / etc.; 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 SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT 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 C12N 9/42, 1/20
(11) WO 03/038081 (13) A1
(21) PCT/KR02/02041
(22) 2 Nov/nov 2002 (02.11.2002)
(25) ko (26) en
(30) 2001/68128 2 Nov/nov 2001 KR
(02.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • METHOD FOR PRODUCTION OF
CHITINASE USING METARHIZIUM
GENUS MICROORGANISM
• PROCEDE DE PRODUCTION DE CHI-
TINASE A L'AIDE D'UN MICRO-OR-
GANISME DU GENRE METARHIZIUM
(71) INSECT BIOTECH CO.,LTD. [KR/KR];
#116 Bioventure Center, Korea Research
Institute of Bioscience and Biotechnology, 52
Oun-dong, Yusung-ku, 305-333 Taejeon-si
(KR).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) PARK, Ho Yong [KR/KR]; #12-403
Shindonga Apt., 1 Yongjon-dong, Dong-ku,
300-823 Taejeon-si (KR). SON, Kwang Hee
[KR/KR]; #103-1702 Hanbit Apt., Oun-dong,
Yusung-ku, 305-755 Taejeon-si (KR). SHIN,
Dong Ha [KR/KR]; #101 Cheongmyeong
Villa, 126-8, Shinsung-dong, Yusung-ku,
305-345 Taejeon-si (KR).
(74) LEE, Won-Hee; 8th Fl., Sung-ji Heights
II, 642-16, Yoksam-dong, Kangnam-ku,
135-080 Seoul (KR).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 9/54, C11D 3/386, C12N 15/57, A61K 7/28

(11) WO 03/038082 (13) A2

(21) PCT/EP02/11725

(22) 19 Oct/oct 2002 (19.10.2002)

(25) de (26) de

(30) 101 53 792.1 31 Oct/oct 2001 DE (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NOVEL ALKALINE PROTEASE VARIANTS AND DETERGENTS AND CLEANSERS CONTAINING THESE NOVEL ALKALINE PROTEASE VARIANTS

• NOUVEAUX VARIANTS DE PROTEASE ALCALINE ET DETERGENTS ET PRODUITS DE LAVAGE CONTENANT CES NOUVEAUX VARIANTS

(71) HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN [DE/DE]; Henkelstr. 67, 40589 Düsseldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOTTWITZ, Beatrix [DE/DE]; Urdenbacher Allee 51, 40593 Düsseldorf (DE).

MAURER, Karl-Heinz [DE/DE]; Dechenstr. 5, 40699 Erkrath (DE). BREVES, Roland [DE/DE]; Dr. Redlich-Str. 17, 40882 Ratingen (DE).

(81) AU BR CA CN DZ HU ID IL IN JP KR MX PL RO RU SG SI UA US ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ C12N 9/88, 15/60, 5/10, G01N 33/50, A61K 38/51

(11) WO 03/038083 (13) A1

(21) PCT/EP02/12059

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/330,710 29 Oct/oct 2001 US (29.10.2001)

(30) 60/350,019 23 Jan/jan 2002 US (23.01.2002)

(30) 60/389,538 19 Jun/juin 2002 US (19.06.2002)

(30) 60/413,597 26 Sep/sep 2002 US (26.09.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • REGULATION OF HUMAN TYPE I ADENYLATE CYCLASE

• REGULATION DE L'ADENYLATE CYCLASE HUMAINE DE TYPE I

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZHU, Zhimin [US/US]; 45 Hinckley Road, Waban, MA 02468 (US).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)⁷ C12N 9/88

(11) WO 03/038084 (13) A1

(21) PCT/GB02/04885

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 0126163.5 31 Oct/oct 2001 GB (31.10.2001)

(30) 60/343,313 21 Dec/déc 2001 US (21.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ASCOPYRONE P SYNTHASE

• ASCOPYRONE P SYNTHASE

(71) DANISCO A/S [DK/DK]; Langebrogade 1, P.O. Box 17, DK-1001 Copenhagen K (DK). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORGAN, Andrew, John [GB/DK]; Fredensvej 1, DK-2950 Vedbæk (DK). REF-DAHL, Charlotte [DK/DK]; Holmeås 51, DK-2670 Greve (DK). YU, Shukun [SE/SE]; G. Hejdemangatan 29, S-212 40 Malmö (SE).

(74) ALCOCK, David et al. / etc.; D Young & Co, 21 New Fetter Lane, London EC4A 1DA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12N 9/88, C07D 309/00

(11) WO 03/038085 (13) A1

(21) PCT/GB02/04951

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 0126165.0 31 Oct/oct 2001 GB (31.10.2001)

(30) 60/343,447 21 Dec/déc 2001 US (21.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • 1,5-ANHYDRO-D-FRUCTOSE DEHYDRATASE

• 1,5-ANHYDRO-D-FRUCTOSE DEHYDRATASE

(71) DANISCO A/S [DK/DK]; Langebrogade 1, P.O. Box 17, DK-1001 Copenhagen K (DK). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORGAN, Andrew, John [GB/DK]; Fredensvej 1, DK-2950 Vedbæk (DK). REF-DAHL, Charlotte [DK/DK]; Holmeås 51, DK-2670 Greve (DK). YU, Shukun [SE/SE]; G. Hejdemangatan 29, S-212 40 Malmö (SE).

(74) ALCOCK, David et al. / etc.; D Young & Co, 21 New Fetter Lane, London EC4A 1DA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12N 13/00, G01N 24/00, H01J 7/24

(11) WO 03/038086 (13) A1

(21) PCT/US02/20353

(22) 25 Jun/juin 2002 (25.06.2002)

(25) en (26) en

(30) 60/336,841 31 Oct/oct 2001 US (31.10.2001)

(30) 60/347,685 8 Jan/jan 2002 US (08.01.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SOFT IONIZATION DEVICE AND APPLICATIONS THEREOF

• DISPOSITIF DE IONISATION DOUCE ET APPLICATIONS DE CE DERNIER

(63) US 60/347,685 (CIP) 8 Jan/jan 2002 (08.01.2002)

- US 62/336,841 (CIP)
31 Oct/oct 2001 (31.10.2001)
- (71) IONFINITY LLC [US/US]; 2400 Lincoln Avenue, Altadena, CA 91001 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HARTLEY, Frank, T. [US/US]; 4800 Oak Grove Drive, Pasadena, CA 91109 (US).
- (74) HARRIS, Scott, C.; Fish & Richardson PC, 4350 La Jolla Village Drive, Suite 500, San Diego, CA 92122 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C12N 15/09, 5/10, C12Q 1/68, G01N 33/15, 33/50, 33/566
- (11) WO 03/038087 (13) A1
- (21) PCT/IB02/04074
- (22) 4 Oct/oct 2002 (04.10.2002)
- (25) ja (26) ja
- (30) 2001-309179 4 Oct/oct 2001 JP (04.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DR5 GENE PROMOTER AND Siah-1 GENE PROMOTER
• PROMOTEUR DU GENE DR5 ET PROMOTEUR DU GENE SIAH-1
- (71) KANSAI TECHNOLOGY LICENSING ORGANIZATION CO., LTD. [JP/JP]; 93, Chudoji Awata-cho, Shimogyo-ku, Kyoto-shi, Kyoto 600-8815 (JP).
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- (72, 75) SAKAI, Toshiyuki [JP/JP]; 28-11, Matsugasaki Kowaki-cho, Sakyo-ku, Kyoto-shi, Kyoto 606-0957 (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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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, C12Q 1/68, A61K 39/395, 48/00, A61P 35/02, G01N 33/15, 33/50, 33/53
- (11) WO 03/038088 (13) A1
- (21) PCT/JP02/11257
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) ja (26) ja
- (30) 2001-337752 2 Nov/nov 2001 JP (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MOLECULAR DIAGNOSIS METHOD FOR MULTIPLE MYELOMA
• METHODE DE DIAGNOSTIC MOLECULAIRE DU MYELOME MULTIPLE
- (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) MANO, Hiroyuki [JP/JP]; 2-14-9, Toyosatodai, Utsunomiya-shi, Tochigi 320-0003 (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) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ C12N 15/09, C12Q 1/68, G01N 33/15, 33/566
- (11) WO 03/038089 (13) A1
- (21) PCT/JP02/11454
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) ja (26) ja
- (30) 2001-338490 2 Nov/nov 2001 JP (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PROBE SOLUTIN COMPOSITIONS, REACTIVE CHIP USING THE SAME AND PROCESS FOR THE PRODUCTION THEREOF
• COMPOSITIONS DE SOLUTION DE SONDÉ, PUCE REACTIVE FAISANT APPEL AUXDITES COMPOSITIONS ET SON PROCÉDE DE PRODUCTION
- (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) YOSHIDA, Yasuko [JP/JP]; 1910-3, Daitourou 3-chome, Nakagawa-ku, Nagoya-shi, Aichi 454-0943 (JP). TANAKA, Naoko [JP/JP]; Fashiiru 2C, 251-1, Shimonomiya-cho, Yokkaichi-shi, Mie 510-8028 (JP). YAMADA, Kazunari [JP/JP]; 1-7421, Aza, Ohaza Hachiman-nishi, Ohakami, Ichinomiya-shi, Aichi 491-0015 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C12N 15/09, 5/10, A61K 35/12, 35/28, A61P 25/00
- (11) WO 03/038090 (13) A1
- (21) PCT/JP02/03344
- (22) 3 Apr/avr 2002 (03.04.2002)
- (25) ja (26) ja
- (30) PCT/JP01/09510 30 Oct/oct 2001 JP (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD OF INDUCING DIFFERENTIATION OF IMMORTALIZED MESODERMAL STEM CELLS INTO NERVOUS SYSTEM CELLS
• PROCÉDE D'INDUCTION DE DIFFÉRENTIATION DE CELLULES SOUCHES MÉSODERMiques IMMORTALISÉES DANS LES CELLULES DU SYSTÈME NERVEUX
- (71) RENOMEDIX INSTITUTE INC. [JP/JP]; 327-20, Minami 1 Jou Nishi 11-chome, Chuo-ku, Sapporo-shi, Hokkaido 061-0061 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HONMOU, Osamu [JP/JP]; 1, Minami 1 Jou Nishi 24-chome, Chuo-ku, Sapporo-shi, Hokkaido 064-0801 (JP). HAMADA, Hirofumi [JP/JP]; 2-1-30-602, Miyagaoka, Chuo-ku, Sapporo-shi, Hokkaido 064-0959 (JP).
- (74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 15/10, C12Q 1/68, G01N 33/53, 33/566, G06F 17/50
- (11) WO 03/038091 (13) A1
- (21) PCT/JP02/11163
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) ja (26) ja
- (30) 2001-331732 29 Oct/oct 2001 JP (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • OLIGONUCLEOTIDE SEQUENCES FREE FROM MISHYBRIDIZATION

AND METHOD OF DESIGNING THE SAME

- SEQUENCES OLIGONUCLEOTIDIQUES EXEMPTES D'ERREURS D'HYBRIDATION ET PROCÉDES DE CONCEPTION CORRESPONDANTS

(71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (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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(72, 75) ARITA, Masanori [JP/JP]; Room B1813, 17-1, Koishikawa 1-chome, Bunkyo-ku, Tokyo 112-0002 (JP).

(74) HIROTA, Masanori; 3F, Wakabayashi Building, 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(v) for all designations / pour toutes les désignations

(51)⁷ C12N 15/11

(11) WO 03/038092 (13) A1

(21) PCT/AU02/01480

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/330,854 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • METHOD FOR IDENTIFYING TRANSPORT PROTEINS
- PROCÉDE D'IDENTIFICATION DE PROTEINES DE TRANSPORT

(71) SYMPORE GMBH [DE/DE]; Ferdinand-Lassalle-Strasse 40, 72770 Reutlingen (DE).

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(72, 75) KIM, Eugene, J. [US/DE]; Viktor-Renner-Str. 34, 72074 Tübingen (DE). BARKER, Laurence [GB/DE]; Bismarck-Str. 14, 72072 Tübingen (DE). BURNET, Michael [AU/DE]; August-Lämmle-Str. 2, 72127 Kusterdingen (DE). GUSE, Jan-Hinrich [DE/DE]; Ziegelhütte-Str. 68, Tübingen-Buhl (DE). LUYTEN, Kattie [BE/DE]; Viktor-Renner-Str. 15, 72074 Tübingen (DE). TSOTSOU, Georgia [GR/DE]; Konrad-Adenauer-Str. 19, 72072 Tübingen (DE).

(74) F B RICE & CO; 139-141 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 15/11, 15/60, 15/81, 9/88, A61K 31/713, C12Q 1/68, G01N 33/68

(11) WO 03/038093 (13) A2

(21) PCT/EP02/12108

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/330,739 30 Oct/oct 2001 US (30.10.2001)

(30) 60/331,448 16 Nov/nov 2001 US (16.11.2001)

(30) 60/338,661 11 Dec/déc 2001 US (11.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • REGULATION OF HUMAN L-SERINE DEHYDRATASE
- REGULATION DE LA L-SERINE DE-SHYDRATASE HUMAINE

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

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(72, 75) XIAO, Yonghong [US/US]; 78 Dana Street, #1, Cambridge, MA 02138 (US).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)⁷ C12N 15/12, 5/10, C07K 14/705, 16/28, C12Q 1/68

(11) WO 03/038094 (13) A1

(21) PCT/EP02/12058

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/330,743 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • REGULATION OF HUMAN GLUCOSE TRANSPORTER

- REGULATION DU TRANSPORTEUR DE GLUCOSE HUMAIN

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

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(72, 75) XIAO, Yonghong [US/US]; 78 Dana Street, Apt. #1, Cambridge, MA 02138 (US).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (t) for all designations / pour toutes les désignations

(51)⁷ C12N 15/12, C07K 14/475, A61K 38/18, A61P 17/02, 19/00, 27/00, 29/00, 35/00, C12N 15/63

(11) WO 03/038095 (13) A2

(21) PCT/FR02/03739

(22) 30 Oct/oct 2002 (30.10.2002)

(25) fr (26) fr

(30) 01/14146 31 Oct/oct 2001 FR (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • ISOLATED PEPTIDE OF THE HEPATOCYTE GROWTH FACTOR AND

- ITS VARIANTS, PREPARATION METHOD AND THERAPEUTIC USE AS ANTI-ANGIOGENIC AGENTS
- PEPTIDE ISOLE DU FACTEUR DE CROISSANCE HEPATOCYTAIRE ET SES VARIANTS, PROCEDE DE PREPARATION ET UTILISATION EN THERAPEUTIQUE EN TANT QU'AGENTS ANTIANGIOGENIQUES
- (71) INSTITUT DES VAISSEAUX ET DU SANG [FR/FR]; Hôpital Lariboisière, 2, rue Ambroise Paré, F-75475 Paris Cedex 10 (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MERKOULOVA-RAINON, Tatiana [FR/FR]; c/o Hôpital Lariboisière, 2, rue Ambroise Paré, F-75475 Paris Cedex 10 (FR).
- (74) CLISCI, Serge; c/o SA Fedit-Loriot & Autres Conseils en Propriété Industrielle, 38, avenue Hoche, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/12, 1/15, 1/19, 1/21, 5/10, C07K 14/705, 16/28, C12Q 1/02, G01N 33/50
- (11) WO 03/038096 (13) A1
- (21) PCT/JP02/11143
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) ja (26) ja
- (30) 2001-333295 30 Oct/oct 2001 JP (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- RECEPTOR FOR ANGIOGENESIS INHIBITOR AND METHOD OF SCREENING ANGIOGENESIS INHIBITOR
 - RECEPTEUR POUR INHIBITEUR DE L'ANGIOGENESE ET PROCEDE DE CRIBLAGE DUDIT INHIBITEUR
- (71, 72) KUBOTA, Shunichiro [JP/JP]; 878-10, Mogusa, Hino-shi, Tokyo 191-0033 (JP).
NEMOTO, Takahiro [JP/JP]; 2-23-7, Kasuga, Bunkyo-ku, Tokyo 112-0003 (JP).
- (74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (71) CRUCELL HOLLAND B.V. [NL/NL]; Archimedesweg 4, NL-2333 CN Leiden (NL).
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• PROMOTEUR POUR LA TRANSFORMATION DE MONOCOTYLEDONES
- (71) GREENGENE BIOTECH INC. [KR/KR]; Myongji University, 38-2 Nam-dong, Yongin, Kyunggi-do 449-728 (KR).
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- (21) PCT/GB02/04959
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- (25) en (26) en
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(21) PCT/IB02/04864

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(25) en (26) en

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(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12P 13/14, 13/20, 13/06, 13/10, 13/12, 13/22, 13/24

(11) WO 03/038106 (13) A2

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• PROCEDE D'OBTENTION D'ACIDES AMINES L A L'AIDE DE SOUCHES DE LA FAMILLE DES ENTEROBACTERIES CONTENANT UN GENE FADR OU ICLR AMELIORE

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(11) WO 03/038107 (13) A2

(21) PCT/GB02/04895

(22) 30 Oct/oct 2002 (30.10.2002)

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(30) 60/343,316 21 Dec/déc 2001 US (21.12.2001)

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(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q

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• ACIDES NUCLEIQUES PREEXISTANTS FIXES PAR COVALENCE A UNE SURFACE METALLIQUE OU A UN CLUSTER METALLIQUE, INTERMEDIAIRES ET PROCEDES D'UTILISATION ASSOCIES

(71) **YEDA RESEARCH AND DEVELOPMENT CO. LTD.** [IL/IL]; At The Weizmann Institute of Science, P.O. Box 95, 76 100 Rehovot (IL).

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(51)⁷ C12Q

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(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

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- (71) **GENENCOR INTERNATIONAL, INC.** [US/US]; 925 Page Mill Road, Palo Alto, CA 94304 (US).
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- (51)⁷ C12Q
- (11) **WO 03/038110** (13) A2
- (21) PCT/US02/34194
- (22) **25 Oct/oct 2002 (25.10.2002)**
- (25) en (26) en
- (30) 60/347,851 **29 Oct/oct 2001** US
(29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • 7118, A HUMAN ARGININE N-METHYLTRANSFERASE FAMILY MEMBER AND USES THEREFOR
- 7118, MEMBRE DE LA FAMILLE ARGININE N-METHYLTRANSFERASE HUMAINE ET SON UTILISATION
- (71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CARROLL, Joseph, M.** [US/US]; 113 Sciarappa Street, Cambridge, MA 02141 (US).
- (74) **BOSSONE, Steven, A.**; Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, MA 02139 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility
- model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12Q
- (11) **WO 03/038112** (13) A2
- (21) PCT/US02/34275
- (22) **25 Oct/oct 2002 (25.10.2002)**
- (25) en (26) en
- (30) 60/357,808 **26 Oct/oct 2001** US
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • A COMPOSITION AND METHOD TO ALTER LEAN BODY MASS AND BONE PROPERTIES IN A SUBJECT
- COMPOSITION ET METHODE PERMETTANT DE MODIFIER LA MASSE MAIGRE ET LES PROPRIETES OSSEUSES D'UN SUJET
- (71) **BAYLOR COLLEGE OF MEDICINE** [US/US]; One Baylor Plaza, Houston, TX 77030 (US).
- (72) **DRAGHIA-AKLI, Ruxandra**; 5215 Starkridge Drive, Houston, TX 77035 (US). **SCHWARTZ, Robert, J.**; 4019 Marlowe, Houston, TX 77005 (US).
- (74) **CHWANG, Ling, T. et al.** / etc.; Jackson Walker L.L.P., 2435 N. Central Expressway, Suite 600, Richardson, TX 75080 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12Q
- (11) **WO 03/038113** (13) A2
- (21) PCT/US02/34730
- (22) **29 Oct/oct 2002 (29.10.2002)**
- (25) en (26) en
- (30) 60/335,004 **31 Oct/oct 2001** US
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS AND COMPOSITIONS FOR THE TREATMENT AND DIAGNOSIS OF CELLULAR PROLIFERATION DISORDERS USING 25943
- METHODES ET COMPOSITIONS DESTINEES AU TRAITEMENT ET AU DIAGNOSTIC DE TROUBLES LIES A LA PROLIFERATION CELLULAIRE AU MOYEN DE 25943
- (71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).
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- (72, 75) **WILLIAMSON, Mark** [US/US]; 15 Stonecrest Drive, Saugus, MA 01906 (US). **RUDOLPH-OWEN, Laura, A.** [US/US]; 186 Arborway, Apt. 1, Jamaica Plain, MA 02130 (US).
- (74) **BOSSONE, Steven, A.**; Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, MA 02139 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C12Q

(11) WO 03/038114 (13) A2

(21) PCT/US02/34833

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/335,003 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT OF CELLULAR PROLIFERATION DISORDERS USING 86604

• METHODES ET COMPOSITIONS PERMETTANT DE DIAGNOSTIQUER ET DE TRAITER LES TROUBLES LIES A LA PROLIFERATION CELLULAIRE AU MOYEN DU 86604

(71) MILLENNIUM PHARMACEUTICALS INC. [US/US]; 75 Sidney Street, Cambridge, MA 01239 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILLIAMSON, Mark [US/US]; 15 Stonecrest Drive, Saugust, MA 01906 (US).

(74) BOSSONE, Steven, A.; Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, MA 02139 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q

(11) WO 03/038115 (13) A2

(21) PCT/US02/34869

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 09/984,890 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF

• PROTEINES KINASES HUMAINES ISOLEES, MOLECULES D'ACIDES NUCLEIQUES CODANT DES PROTEINES KINASES HUMAINES ET LEURS UTILISATION

(71) APPLERA CORPORATION [US/US]; c/o Wayne W. Montgomery, Assistant Secretary, Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US).

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(72, 75) YAN, Chunhua [CN/US]; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). LI, Zhenya [CN/US]; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). NEELAM, Beena [GB/US]; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). DI FRANCESCO, Valentina [IT/US]; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). BEASLEY, Ellen, M. [US/US]; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US).

(74) APPLERA CORPORATION; c/o Wayne W. Montgomery, Assistant Secretary, Celera Genomics, 45 West Gude Drive C2-4#21, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C12Q

(11) WO 03/038116 (13) A2

(21) PCT/US02/35039

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/334,761 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SALMONELLA VIRULENCE FACTORS AND USES THEREOF

• FACTEURS DE VIRULENCE DE <I>SALMONELLA</I> ET LEURS UTILISATIONS

(63) US 60/334,761 (CIP) 1 Nov/nov 2001 (01.11.2001)

(71) THE GENERAL HOSPITAL CORPORATION [US/US]; 55 Fruit Street, Boston, MA 02114 (US).

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(72, 75) AUSUBEL, Frederick, M. [US/US]; 271 Lake Avenue, Newton, MA 02161 (US). ABALLAY, Alejandro [AR/US]; 2808 Ashland Drive, Durham, NC 27705 (US). DRENKARD, Eliana [AR/US]; 23 Marion Street, Apartment #3, Cambridge, MA 02141 (US). MCCORMICK, Beth, A. [US/US]; 11 Mapplewood Terrace, Haverhill, MA 01830 (US).

(74) DECAMP, James, D.; 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 NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C12Q

(11) WO 03/038117 (13) A2

(21) PCT/US02/35060

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/335,077 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ENHANCED *IN VITRO* NUCLEIC ACID SYNTHESIS USING NUCLEOSIDE MONOPHOSPHATES

• SYNTHESE D'ACIDES NUCLEIQUES *IN VITRO* AMELIOREE A L'AIDE DE MONOPHOSPHATES NUCLEOSIDES

(71) THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY [US/US]; 1705 El Camino Real, Palo Alto, CA 94306-1106 (US).

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(72, 75) SCHULTE, Jennifer, Theresa [US/US]; 796 Escondido Road, Rains House, Apt. 6E, Stanford, CA 94305 (US). SWARTZ, James, Robert [US/US]; 1860 White Oak Drive, Menlo Park, CA 94080 (US).

(74) SHERWOOD, Pamela, J. et al. / etc.; Bozicevic, Field & Francis LLP, 200 Middlefield Road, Suite 200, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/48, C12N 15/00, A61K 31/713, 39/395, G01N 33/50, 33/15, A61P 25/00

(11) WO 03/038118 (13) A1

(21) PCT/JP02/11365

(22) 31 Oct/oct 2002 (31.10.2002)

(25) ja (26) ja

(30) 2001-335833 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF EVALUATING PHOSPHATASE INHIBITORS

• METHODE D'EVALUATION D'INHIBITEURS DE LA PHOSPHATASE

(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) MORITA, Masahiko [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). ARAKAWA, Hiroyuki [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). YAMAZAKI, Mayako [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). SATOH, Susumu [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). NISHIMURA, Shintaro [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). KITA, Yasuhiro [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). YAMAZAKI, Takao [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP).

(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 IE IT LU MC NL PT SE SK TR).

(51)⁷ C12Q 1/68, 1/70, C12N 7/01

(11) WO 03/038119 (13) A1

(21) PCT/CN02/00748

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 01125914.0 30 Oct/oct 2001 EP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A PROCESS FOR DETECTING FOOT-AND-MOUTH DISEASE VIRUS AND A KIT THEREFORE

• PROCEDE DE DETECTION DE L'APHTHOVIRUS ET KIT ASSOCIE

(71) HONG KONG DNA CHIPS LIMITED [CN/CN]; 1805-6, 18th Floor, Lu Plaza 2 Wing Yip Street, Kowloon, Hong Kong (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YU, Albert, Cheung-Hoi [CN/CN]; 1805-6, 18th Floor, Lu Plaza, 2 Wing Yip Street, Kowloon, Hong Kong (CN). PENG, Liang [CN/CN]; 1805-6, 18th Floor, Lu Plaza, 2 Wing Yip Street, Kowloon, Hong Kong (CN). KO, Lung-Sang [CN/CN]; 1805-6, 18th Floor, Lu Plaza, 2 Wing Yip Street, Kowloon, Hong Kong (CN). LAU, Lok-Ting [CN/CN]; 1805-6, 18th Floor, Lu Plaza, 2 Wing Yip Street, Kowloon, Hong Kong (CN).

(74) CHINA PATENT AGENT (H.K.) LTD.; 22/F, Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) 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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(51)⁷ C12Q 1/68

(11) WO 03/038120 (13) A2

(21) PCT/DE02/04053

(22) 25 Oct/oct 2002 (25.10.2002)

(25) de (26) de

(30) 101 54 318.2 26 Oct/oct 2001 DE (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR ANALYSIS OF GENOMIC METHYLATION MODELS

• PROCEDE D'ANALYSE D'UN MODELE DE METHYLATION GENOMIQUE

(71) EPIGENOMICS AG [DE/DE]; Kastanienallee 24, 10435 Berlin (DE).

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(72, 75) BERLIN, Kurt [DE/DE]; Marienkaferweg 4, 14532 Stahnsdorf (DE). ROY, Debjani [GB/DE]; Wöhlerstrasse 10 C, 10115 Berlin (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C12Q 1/68

(11) WO 03/038121 (13) A2

(21) PCT/DE02/04054

(22) 25 Oct/oct 2002 (25.10.2002)

(25) de (26) de

(30) 101 54 317.4 26 Oct/oct 2001 DE (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR THE DETECTION OF CYTOSINE METHYLATION IN IMMOBILISED DNA SAMPLES

• PROCEDE DE DETECTION DE METHYLATION DE LA CYTOSINE DANS DES ECHANTILLONS D'ADN IMMOBILISE

(71) EPIGENOMICS AG [DE/DE]; Kastanienallee 24, 10435 Berlin (DE).

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(72, 75) BERLIN, Kurt [DE/DE]; Marienkaferweg 4, 14532 Stahnsdorf (DE). BALLHAUSE, Matthias [DE/DE]; Toblacher Strasse 42, 13187 Berlin (DE). GÜTIG, David [DE/DE]; Kastanienallee 74, 10435 Berlin (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C12Q 1/68, B01J 19/00

(11) WO 03/038122 (13) A2

(21) PCT/EP02/11911

(22) 24 Oct/oct 2002 (24.10.2002)

(25) de (26) de

(30) 101 52 925.2 26 Oct/oct 2001 DE (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ASYMMETRICAL PROBES
• SONDES ASYMETRIQUES

(71) FEBIT AG [DE/DE]; Käfertalerstrasse 190, 68167 Mannheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STÄHLER, Peer, F. [DE/DE]; Obere Clignetstrasse 14, 68167 Mannheim (DE).

(74) WEICKMANN, Franz, Albert et al. / etc.; Weickmann & Weickmann, Postfach 860 820, 81635 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C12Q 1/68, A61K 31/40

(11) WO 03/038123 (13) A2

(21) PCT/EP02/12113

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/335,513 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS TO TREAT DIABETES AND RELATED CONDITIONS BASED

ON POLYMORPHISMS IN THE TCF1 GENE

- PROCEDE DE TRAITEMENT DU DIABETE ET CONDITIONS APPARENTEES BASEES SUR DES POLYMORPHISMES DANS LE GENE TCF1

(71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

(for all designated States except / pour tous les États désignés sauf AT US)

(71) **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1235 Vienna (AT).
(only for / seulement pour AT)

(72, 75) **HUGHES, Thomas, Edward** [US/US]; 76 Fisher Drive, Hillsborough, NJ 08844 (US). **LAVEDAN, Christian, Nicolas** [FR/US]; 22 Eldwick Court, Potomac, MD 20854 (US). **POLYMERPOULOS, Michael, Hristos** [US/US]; 11300 Ridge Mist Terrace, Potomac, MD 20854 (US).

(74) **GROS, Florent**; Novartis AG, Corporate Intellectual Property, Patent and 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 MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); 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 C12Q 1/68, A01K 67/027

(11) **WO 03/038124** (13) A1

(21) PCT/FR02/03762

(22) **31 Oct/oct 2002 (31.10.2002)**

(25) fr (26) fr

(30) 01/14156 **31 Oct/oct 2001** FR
(31.10.2001)

(30) 02/09551 **26 Jul/juil 2002** FR
(26.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • USE OF CBG GENE AS GENETIC MARKER OF HYPERCORTISOLEMIA AND RELATED PATHOLOGIES

- UTILISATION DU GENE DE LA CBG COMME MARQUEUR GENETIQUE DE L'HYPERCORTISOLEMIE ET DES PATHOLOGIES ASSOCIEES

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(74) **BREESE, Pierre** et al. / etc.; Breesé-Majerowicz, 3, avenue de l'Opéra, F-75001 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12Q 1/68

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(21) PCT/IL01/00967

(22) **18 Oct/oct 2001 (18.10.2001)**

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • MODIFIED PCR-SSCP METHOD OF MUTATION SCREENING
• PROCEDE MODIFIE DE CRIBLAGE DE MUTATION PAR PCR-SSCP

(71) **BIO GENE TECHNOLOGIES, INC.** [US/US]; suite 400, 2711 Centerville Road, Wilmington, County of New Castle, DE 19808 (US).

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(71, 72) **AVIGAD, Smadar** [IL/IL]; 112/39 Rokeah Street, 52592 Ramat-Gan (IL).

(72, 75) **LURIA, Drorit** [IL/IL]; 22 Hagai Street, 44335 Kfar Saba (IL).

(74) **LUZZATTO, Kfir** et al. / etc.; Luzzatto & Luzzatto, P.O. Box 5352, 84152 Beer-Sheva (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/68, C12N 15/00, G01N 33/543, 33/552

(11) **WO 03/038126** (13) A1

(21) PCT/JP02/11386

(22) **31 Oct/oct 2002 (31.10.2002)**

(25) ja (26) ja

(30) 2001-334341 **31 Oct/oct 2001** JP
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PROBE BEADS FOR AFFINITY REACTION AND DETECTION SYSTEM

- BILLES SONDES POUR REACTION D'AFFINITE ET SYSTEME DE DETECTION

(71) **EBARA CORPORATION** [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).

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(72, 75) **NAGASAWA, Hiroshi** [JP/JP]; 14-8, Kugenuma tachibana 2-chome, Fujisawa-shi, Kanagawa 251-0024 (JP). **HIROSE, Masayoshi** [JP/JP]; 2-10-1-701, Nakagawa, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0001 (JP). **FUKUNAGA, Akira** [JP/JP]; 3-1-28, Takada, Chigasaki-shi, Kanagawa 253-0002 (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) US.

(84) EP (DE FR GB).

(51)⁷ C12Q 1/68

(11) **WO 03/038127** (13) A1

(21) PCT/KR02/01900

(22) **11 Oct/oct 2002 (11.10.2002)**

(25) ko (26) en

(30) 01/0066943 **30 Oct/oct 2001** KR
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR AMPLIFICATION OF NUCLEIC ACID SEQUENCES USING IMMOBILIZED DNA POLYMERASE

- PROCEDE ET APPAREIL PERMETTANT D'AMPLIFIER DES SEQUENCES D'ACIDES NUCLEIQUES A L'AIDE D'UNE ADN POLYMERASE IMMOBILISEE

(71) **AHRAM BIOSYSTEMS INC.** [KR/KR]; 405 Jangan Bldg., 464-1 Jangan-3-dong, Dongdaemoon-gu, 130-103 Seoul (KR).

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(74) **KIM, Dong Jin**; 405 Jangan Bldg., 464-1 Jangan-3-dong, Dongdaemoon-gu, 130-103 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038128 (13) A1

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(25) en (26) en

(30) 60/335,046 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS AND COMPOSITIONS FOR THE TREATMENT AND DIAGNOSIS OF PAIN DISORDERS USING 57749

• PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT ET LE DIAGNOSTIC D'ALGIES UTILISANT LE 57749

(71) MILLENNIUM PHARMACEUTICALS, INC. [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).

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(72, 75) SILOS-SANTIAGO, Inmaculada [ES/US]; 180 Moss Hill Road, Jamaica Plain, MA 02130 (US).

(74) PAGLIERANI, Paul, J.; Intellectual Property Group, Millennium Pharmaceuticals, Inc., 75 Sidney Street, Cambridge, MA 02139 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12Q 1/68

(11) WO 03/038129 (13) A2

(21) PCT/US02/34784

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/340,938 30 Oct/oct 2001 US
(30.10.2001)(30) 60/338,997 30 Oct/oct 2001 US
(30.10.2001)(30) 60/340,081 30 Oct/oct 2001 US
(30.10.2001)(30) 60/341,012 30 Oct/oct 2001 US
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS FOR ASSESSING AND TREATING LEUKEMIA

• METHODES D'EVALUATION ET DE TRAITEMENT DE LA LEUCEMIE

(71) ORTHO-CLINICAL DIAGNOSTICS, INC. [US/US]; 1001 U.S. Route 202 North, Raritan, NJ 08869-0606 (US).

(72) RAPONI, Mitch; 1223 Roslyn Lane, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/68, C07B 61/00

(11) WO 03/038130 (13) A2

(21) PCT/US02/34888

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/335,048 31 Oct/oct 2001 US
(31.10.2001)(30) 60/335,183 2 Nov/nov 2001 US
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • THERAPEUTICS AND DIAGNOSTICS FOR DISORDERS OF ERYTHROPOIESIS

• SOLUTIONS THERAPEUTIQUES ET DIAGNOSTIQUES POUR LES TROUBLES DE L'ERYTHROPOIESE

(71) PFIZER PRODUCTS INC. [US/US]; Easter Point Road, Groton, CT 06340-5196 (US). MAX-DELBRUCK-CENTRE FOR MOLECULAR MEDICINE [DE/DE]; Robert-Roessie-Strasse 10, 13125 Berlin (DE).

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(72, 75) BRISSETTE, William, H. [—/US]; Stonington, CT (US). NEOTE, Kuldeep, S. [—/US]; East Lyme, CT (US). ZAGOURAS, Panayiotis [—/US]; Old Saybrook, CT (US). ZENKE, Martin [—/DE]; Berlin (DE). LEMKE, Britt [—/DE]; Berlin (DE). HACKER, Christine [—/DE]; Berlin (DE).

(74) ARNOLD, Beth, E. et al. / etc.; Patent Group, Foley, Hoag LLP, 155 Seaport Boulevard, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/68, B01L 3/00

(11) WO 03/038131 (13) A1

(21) PCT/US02/35279

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/336,045 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BIOCATALYTIC SOLGEL MICROARRAYS

• JEUX ORDONNES DE MICROECHANTILLONS SOLGEL BIOCATALYTIQUES

(71) RENSSLAER POLYTECHNIC INSTITUTE [US/US]; 1223 Peoples Avenue, 3210 J Building, Room 3210, Troy, NY 12180-3590 (US). UNIVERSITY OF CALIFORNIA AT BERKELEY [US/US]; NA (US).

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(74) ELMORE, Carolyn, S. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/AU02/01476

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) PR 8660 2 Nov/nov 2001 AU
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HIDE IDENTIFICATION SYSTEM

• SYSTEME D'IDENTIFICATION DU CUIR

(71) NORTHERN CO-OPERATIVE MEAT COMPANY LTD [AU/AU]; 10615 Summerland Way, Casino, NSW 2470 (AU).

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(72, 75) BURRIDGE, Gary, Forbes [AU/AU]; 10615 Summerland Way, Casino, NSW 2470 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 C21D

(11) WO 03/038133 (13) A2

(21) PCT/US02/34824

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/016,186 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS AND METHOD FOR TRANSFERRING HEAT TREATED PARTS

• APPAREIL ET PROCEDE DESTINES A TRANSFERER DES PIECES THERMOTRAITEES

(71) PROCEDYNE CORP. [US/US]; 11 Industrial Drive, New Brunswick, NJ 08901 (US).

(72) STAFFIN, Kenneth, H.; 36 Avalon Drive, Colonia, NJ 07067 (US). GLASSER, Marc; 6 Kalman Court, Warren, NJ 07059 (US). BICKFORD, Karin; 111 West 9th Street, Apt. 2F, New York, 10025 (US).

(74) ADAMS, Lindsay, S. et al. / etc.; Pitney, Hardin, Kipp & Szuch LLP, 685 Third Avenue, 19th Floor, New York, NY 10017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C21D 6/00, 1/74, C23C 8/22

(11) WO 03/038134 (13) A1

(21) PCT/US02/32187

(22) 8 Oct/oct 2002 (08.10.2002)

(25) en (26) en

(30) 10/002,576 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR FORMING PEARLITE IN AN IRON BASED ARTICLE.

• PROCEDE DE FORMATION DE PERLITE DANS UN ARTICLE A BASE DE FER

(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(72) CHUN, ChangMin; 8112 Town Court North, Lawrenceville, NJ 08648 (US). RAMANARAYANAN, Trikur, Anantharaman; 16 Maher Road, Somerset, NJ 08873 (US). MUMFORD, James, Dirickson, III; 343 Fairmount Road, Long Valley, NJ 07853 (US). OZEKICIN, Adnan; 3262 Beaufort Drive, Bethlehem, pa 18017-1954 (US).

(74) BRUMLIK, Charles, J. et al. / etc.; Exxon-Mobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C21D 8/12, C22C 38/02

(11) WO 03/038135 (13) A1

(21) PCT/EP02/11822

(22) 23 Oct/oct 2002 (23.10.2002)

(25) de (26) de

(30) 101 53 234.2 31 Oct/oct 2001 DE (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HOT-ROLLED STEEL STRIP PROVIDED FOR PRODUCING NON GRAIN-ORIENTED ELECTRICAL SHEET, AND METHOD FOR THE PRODUCTION THEREOF

• FEUILLARD D'ACIER LAMINE A CHAUD PREVU POUR PRODUIRE DU FEUILLARD MAGNETIQUE A GRAINS NON ORIENTES ET PROCEDE APPROPRIE POUR LE PRODUIRE

(71) THYSSENKRUPP STAHL AG [DE/DE]; Kaiser-Wilhelm-Strasse 100, 47161 Duisburg (DE).

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(72, 75) FRIEDRICH, Karl, Ernst [DE/DE]; Ehrenmalstrasse 32, 47447 Moers (DE). SCHNEIDER, Jürgen [DE/DE]; Ederstrasse 26, 44807 Bochum (DE). KAWALLA, Rudolf [DE/DE]; Pfarrgasse 3c, 09627 Bobritzsch (DE). RASIM, Wolfgang [DE/DE]; Zur Bahn 2a, 46509 Xanten (DE). WUPPERMANN, Carl-Dieter [DE/DE]; Deussstrasse 26 c, 47803 Krefeld (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C21D 9/00, C22C 38/40, 38/44, 38/54

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(21) PCT/US02/06366

(22) 1 Mar/mar 2002 (01.03.2002)

(25) en (26) en

(30) 10/012,908 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DUPLEX STAINLESS STEELS
• ACIERS INOXYDABLES DUPLEX

(71) ATI PROPERTIES, INC. [US/US]; 1600 N.E. Old Salem Road, Albany, OR 97321 (US).

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(72, 75) BERGSTROM, David, S. [US/US]; 315 Primrose Lane, Natrona Heights, PA 15065 (US). DUNN, John, J. [US/US]; 122 Lincoln Drive, Sarver, PA 16055 (US). GRUBB, John, F. [US/US]; 3114 Wentworth Drive, Lower Burrell, PA 15068 (US). PRATT, William, A. [US/US]; 458 Dinnerbell Road, Butler, PA 16002 (US).

(74) VICCARO, Patrick, J. et al. / etc.; Allegheny Technologies Incorporated, 1000 Six PPG Place, Pittsburgh, PA 15222 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 3/04, 3/18

(11) WO 03/038137 (13) A1

(21) PCT/AU02/01468

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) PR 8552 29 Oct/oct 2001 AU (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • RECOVERY OF COPPER FROM CHALCOPYRITE

• RECUPERATION DE CUIVRE PROVENANT DE LA CHALCOPYRITE

(71) **TECHNOLOGICAL RESOURCES PTY LTD** [AU/AU]; 55 Collins Street, Melbourne, VIC 3000 (AU).

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(72, 75) **SHAW, Raymond, Walter** [AU/AU]; 118 Kirribilli Road, New Gisborne, VIC 3438 (AU). **ESDAILE, Lucy** [AU/AU]; 695 Drummond Street, Carlton, VIC 3053 (AU). **GERSON, Andrea, Ruth** [AU/AU]; c/o Ian Wark Research Institute, University of South Australia, Mawson Lakes Campus, Mawson Lakes, S.A. 5095 (AU). **THOMAS, Joan, Elizabeth** [AU/AU]; c/o Ian Wark Research Institute, University of South Australia, Mawson Lakes Campus, Mawson Lakes, S.A. 5095 (AU). **HARMER, Sarah, Louise** [AU/AU]; c/o Ian Wark Research Institute, University of South Australia, Mawson Lakes Campus, Mawson Lakes, S.A. 5095 (AU).

(74) **GRIFFITH HACK**; 509 St Kilda Road, Melbourne, VIC 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C22B 9/05, 21/06

(11) **WO 03/038138** (13) A1

(21) PCT/CN02/00741

(22) **22 Oct/oct 2002 (22.10.2002)**

(25) zh (26) zh

(30) 01198841.3 **30 Oct/oct 2001 CN (30.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • **NON-FERROUS MELT REFINEMENT AND EQUIPMENT**

• **RAFFINAGE ET EQUIPEMENT DE COULEE NON FERREUSE**

(71, 72) **HUANG, Desheng** [CN/CN]; Suite 2005, Haiyuehuacheng Building A, Futian District, Shenzhen, Guangdong 518048 (CN).

(74) **CHINA SCIENCE PATENT & TRADE-MARK AGENT LTD.**; 16/F, Zhongke Building, 80, Haidian Road, Haidian District, Beijing 100080 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C22C 1/04, H01J 7/18

(11) **WO 03/038139** (13) A1

(21) PCT/IT02/00676

(22) **24 Oct/oct 2002 (24.10.2002)**

(25) en (26) en

(30) MI2001A002273 **29 Oct/oct 2001 IT (29.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • **GETTER ALLOYS AND DEVICES FOR EVAPORATING CALCIUM**

• **ALLIAGES GETTER ET DISPOSITIFS D'EVAPORATION DU CALCIUM**

(71) **SAES GETTERS S.P.A.** [IT/IT]; Viale Italia, 77, I-20020 Lainate (IT).

(72) **CARRETTI, Corrado**; Via Luigi Zoja, 15, I-20153 Milano (IT). **TOIA, Luca**; Via della Fontana, 14/A, I-21040 Carnago (IT).

(74) **ADORNO, Silvano**; Società Italiana Brevetti S.p.A., Via Carducci, 8, I-20123 Milano (IT) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C22C 38/04, 38/12, 38/60, C21D 9/48

(11) **WO 03/038140** (13) A1

(21) PCT/JP02/11118

(22) **25 Oct/oct 2002 (25.10.2002)**

(25) en (26) en

(30) NO.2001-331265 **29 Oct/oct 2001 JP (29.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • **STEEL SHEET FOR VITREOUS ENAMELING EXCELLENT IN WORKABILITY AND FISH SCALE RESISTANCE, AND METHOD FOR PRODUCING THE SAME**

• **FEUILLE D'ACIER POUR EMAILLEGE VITREUX ET PROCEDE DE PRODUCTION CORRESPONDANT**

(71) **NIPPON STEEL CORPORATION** [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP).

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(72, 75) **MURAKAMI, Hidekuni** [JP/JP]; C/O NIPPON STEEL CORPORATION YAWATA WORKS, 1-1, Tobihata-cho, Tobata-ku, Kitakyushu-shi, Fukuoka 804-8501 (JP). **NISHIMURA, Satoshi** [JP/JP]; C/O NIPPON STEEL CORPORATION YAWATA WORKS, 1-1, Tobihata-cho, Tobata-ku, Kitakyushu-shi, Fukuoka 804-8501 (JP). **SANAGI, Shiro** [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, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) AU CN JP KR MX US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ C23C 14/06

(11) **WO 03/038141** (13) A2

(21) PCT/EP02/11728

(22) **19 Oct/oct 2002 (19.10.2002)**

(25) de (26) de

(30) 101 53 760.3 **31 Oct/oct 2001 DE (31.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • **METHOD FOR PRODUCING A UV-ABSORBING TRANSPARENT WEAR PROTECTION LAYER**

• **PROCEDE DE PRODUCTION D'UNE COUCHE ANTI-ABRASION TRANSPARENTE ABSORBANT LES U.V.**

(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) **NEUMANN, Manfred** [DE/DE]; Louise-Seidler-Strasse 19, 01217 Dresden (DE). **KRUG, Mario** [DE/DE]; Heinrich-Heine-Strasse 76, 01844 Neustadt/Sachsen (DE). **SCHILLER, Nicolas** [DE/DE]; Fabrikstrasse 5, 01833 Stolpen, OT Helmsdorf (DE). **KÜHNEL, Thomas** [DE/DE]; Kohlbergstrasse 23, 01796 Pirna (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C23C 14/56, 14/24

(11) **WO 03/038142** (13) A1

(21) PCT/IT02/00687

(22) **29 Oct/oct 2002 (29.10.2002)**

(25) en (26) en

(30) FI01A000205 **2 Nov/nov 2001 IT (02.11.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • **APPARATUS FOR VACUUM DEPOSITION, SPECIFICALLY FOR METALLIZING PLASTIC FILM**

• **APPAREIL DE DEPOT SOUS VIDE DESTINE, EN PARTICULIER, A LA**

METALLISATION D'UN FILM PLASTIQUE

(71) GALLILEO VACCUM SYSTEM S.R.L. [IT/IT]; Via delle Fonti, 432, I-59100 Prato (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUSI, Andrea [IT/IT]; Via di Bellariva, 20, I-50136 Firenze (IT). CENI, Mario [IT/IT]; Via Cilea, 1, I-50018 Scandicci (IT).

(74) MANNUCCI, Michele et al. / etc.; Via della Scala, 4, I-50123 Firenze (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C23C 16/44

(11) WO 03/038143 (13) A1

(21) PCT/US02/34676

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/340,911 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FLUOROCARBON-ORGANOSILICON COPOLYMERS AND COATINGS PREPARED BY HOT-FILAMENT CHEMICAL VAPOR DEPOSITION

• COPOLYMERES DE FLUOROCARBONE-ORGANOSILICIUM ET REVETEMENTS PREPARES PAR DEPOT CHIMIQUE EN PHASE VAPEUR PAR FILAMENT CHAUD

(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) GLEASON, Karen, K.; 100 Pleasant Street, Lexington, MA 02420 (US). MURTHY, Shashi, K.; 1039 Massachusetts Avenue, #201, Cambridge, MA 02138 (US).

(74) GORDON, Dana, M. et al. / etc.; Patent Group, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C23C 16/455, C30B 25/10, 25/14

(11) WO 03/038144 (13) A1

(21) PCT/EP02/10871

(22) 27 Sep/sep 2002 (27.09.2002)

(25) de (26) de

(30) 101 53 463.9 30 Oct/oct 2001 DE (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND DEVICE FOR DEPOSITING ESPECIALLY CRYSTALLINE LAYERS ONTO ESPECIALLY CRYSTALLINE SUBSTRATES

• PROCEDE ET DISPOSITIF POUR DEPOSER EN PARTICULIER DES COUCHES CRISTALLINES NOTAMMENT SUR DES SUBSTRATS CRISTALLINS

(71) AIXTRON AG [DE/DE]; Kackerstrasse 15-17, 52072 Aachen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRANKEN, Walter [DE/DE]; Rinkensplatz 11, D-52249 Eschweiler (DE). KÄPPELER, Johannes [DE/DE]; Zeisigweg 47, 52146 Würselen (DE).

(74) GRUNDMANN, Dirk et al. / etc.; c/o 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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 C23C 16/54, H01L 21/00, C23C 16/44

(11) WO 03/038145 (13) A2

(21) PCT/US02/34714

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/346,005 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MASSIVELY PARALLEL ATOMIC LAYER DEPOSITION/CHEMICAL VAPOR DEPOSITION SYSTEM

• SYSTEME DE DEPOT DE COUCHES ATOMIQUES OU DE DEPOT CHIMIQUE EN PHASE VAPEUR A ELEMENTS PARALLELES MULTIPLES

(71) GENUS, INC. [US/US]; 1139 Karlstad Drive, Sunnyvale, CA 94089 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEIDEL, Thomas, E. [US/US]; 965 East El Camino Real, #933, Sunnyvale, CA 94087 (US). JANSZ, Adrian [US/US]; 2658 Olive Avenue, Fremont, CA 94538 (US). PUCHACZ, Jurek [US/US]; 2607 Rasmussen Court, Pleasanton, CA 94588 (US).

DOERING, Ken [US/US]; 5939 Southridge Court, San Jose, CA 95138 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C23C 18/16

(11) WO 03/038146 (13) A2

(21) PCT/GB02/04837

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 0125815.1 29 Oct/oct 2001 GB (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HIGH RESOLUTION PATTERNING METHOD

• PROCEDE DE CREATION DE MOTIFS A RESOLUTION ELEVEE

(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) DAMERELL, William, Norman [GB/GB]; QinetiQ Farnborough, Cody Technology Park, Ively Road, Farnborough, Hampshire GU14 0LX (GB). JOHNSON, Daniel, Robert [GB/GB]; QinetiQ Farnborough, Cody Technology Park, Ively Road, Farnborough, Hampshire GU14 0LX (GB). KYNASTON-PEARSON, Anthony, William, Nigel [GB/GB]; QinetiQ Farnborough, Cody Technology Park, Ively Road, Farnborough, Hampshire GU14 0LX (GB). FIXTER, Greg, Peter, Wade [GB/GB]; QinetiQ Farnborough, Cody Technology Park, Ively Road, Farnborough, Hampshire GU14 0LX (GB). APPLETON, Stephen, George [GB/GB]; QinetiQ Farnborough, Cody Technology Park, Ively Road, Farnborough, Hampshire GU14 0LX (GB).

(74) RICHARDSON, Mark; IP QinetiQ Formalities, Cody Technology Park, A4 Building Ively Road, Farnborough, Hampshire GU14 0LX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 C23C 18/16

(11) WO 03/038147 (13) A2

(21) PCT/GB02/04864

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 0125883.9 29 Oct/oct 2001 GB
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HIGH RESOLUTION PATTERNING
METHOD

• PROCEDE DE STRUCTURATION
HAUTE RESOLUTION

(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) DAMERELL, William, Norman
[GB/GB]; QinetiQ Farnborough, Cody
Technology Park, Ively Road, Farnborough,
Hampshire GU14 0LX (GB). JOHNSON,
Daniel, Robert [GB/GB]; QinetiQ Farn-
borough, Cody Technology Park, Ively
Road, Farnborough, Hampshire GU14 0LX
(GB). KYNASTON-PEARSON, Anthony,
William, Nigel [GB/GB]; QinetiQ Farnbor-
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Farnborough, Hampshire GU14 0LX (GB).

(74) RICHARDSON, Mark; IP QinetiQ For-
malities, Cody Technology Park, A4 Building
Ively Road, Farnborough, Hampshire GU14
0LX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT 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 C23C 18/31, H01L 21/288

(11) WO 03/038148 (13) A1

(21) PCT/JP02/11150

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 2001-337850 2 Nov/nov 2001 JP
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PLATING APPARATUS AND PLATING
METHOD

• APPAREIL DE PLACAGE ET PROCEDE
DE PLACAGE

(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) WANG, Xinming [CN/JP]; c/o Ebara
Corporation, 11-1, Haneda Asahi-cho,
Ohta-ku, Tokyo 144-8510 (JP). ABE,
Kenichi [JP/JP]; c/o Ebara Corporation,
11-1, Haneda Asahi-cho, Ohta-ku, Tokyo
144-8510 (JP). MISHIMA, Koji [JP/JP]; c/o
Ebara Corporation, 11-1, Haneda Asahi-cho,
Ohta-ku, Tokyo 144-8510 (JP).

(74) WATANABE, Isamu et al. / etc.; GOWA
Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku
7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ C23C 28/00

(11) WO 03/038149 (13) A1

(21) PCT/JP02/07257

(22) 17 Jul/juil 2002 (17.07.2002)

(25) ja (26) ja

(30) 2001-332233 30 Oct/oct 2001 JP
(30.10.2001)

(30) 2002-170827 12 Jun/juin 2002 JP
(12.06.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SURFACE-TREATED COPPER FOIL

• FEUILLE DE CUIVRE TRAITEE EN
SURFACE

(71) NIKKO MATERIALS CO., LTD. [JP/JP];
10-1, Toranomon 2-chome, Minato-ku, Tokyo
105-8407 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TSUCHIDA, Katsuyuki [JP/JP]; c/o
Isohara Plant, NIKKO MATERIALS CO.,
LTD., 187-4, Usuba, Hanakawa-cho, Ki-
taibaraki-shi, Ibaraki 319-1535 (JP). KU-
MAGAI, Masashi [JP/JP]; c/o Isohara Plant,
NIKKO MATERIALS CO., LTD., 187-4,
Usuba, Hanakawa-cho, Kitaibaraki-shi,
Ibaraki 319-1535 (JP). AKASE, Fumiaki
[JP/JP]; c/o GNF Plant, NIKKO MATE-
RIALS CO., LTD., 3-1, Shirogane-cho
3-chome, Hitachi-shi, Ibaraki 317-0056 (JP).

(74) KAGAMI, Norio et al. / etc.; Akasaka Office
Heights, 13-5, Akasaka 4-chome, Minato-ku,
Tokyo 107-0052 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ C23C 28/00, 30/00

(11) WO 03/038150 (13) A1

(21) PCT/JP02/09477

(22) 13 Sep/sep 2002 (13.09.2002)

(25) ja (26) ja

(30) 2001-335916 31 Oct/oct 2001 JP
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ReCr ALLOY COATING FOR DIFFU-
SION BARRIER

• REVETEMENT D'ALLIAGE RECR
POUR BARRIERE DE DIFFUSION

(71) JAPAN SCIENCE AND TECHNOLOGY
CORPORATION [JP/JP]; 1-8, Honcho
4-chome, Kawaguchi-shi, Saitama 332-0012
(JP). EBARA CORPORATION [JP/JP]; 1,
Haneda Asahicho 11-chome, Ota-ku, Tokyo
144-8510 (JP).

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(72, 75) NARITA, Toshio [JP/JP]; 7-8, Shinko-
toni 1jo 9-chome, kita-ku, Sapporo-shi,
Hokkaido 001-0901 (JP). HAYASHI, Shi-
genari [JP/JP]; 1-36, Odorinishi 18-chome,
Chuo-ku, Sapporo-shi, Hokkaido 060-0042
(JP). YOSHIOKA, Takayuki [JP/JP]; Room
201, Heights Yamato, 11-14, Take 3-chome,
Yokosuka-shi, Kanagawa 238-0313 (JP).
YAKUWA, Hiroshi [JP/JP]; Room 401,
10-19, Inari 1-chome, Fujisawa-shi, Kana-
gawa 251-0862 (JP).

(74) NISHI, Yoshiyuki; Nishi Patent Office, Suite
211, 26-32, Nakahara 4-chome, Isogo-ku,
Yokohama-shi, Kanagawa 235-0036 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(v) for all designations / pour toutes les
désignations

(51)⁷ C23C 28/00, 30/00

(11) WO 03/038151 (13) A1

(21) PCT/JP02/09478

(22) 13 Sep/sep 2002 (13.09.2002)

(25) ja (26) ja

(30) 2001-335915 31 Oct/oct 2001 JP
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ReCrNi ALLOY COATING FOR DIFFU-
SION BARRIER

• REVETEMENT EN ALLIAGE RECRNi
POUR BARRIERE DE DIFFUSION

(71) JAPAN SCIENCE AND TECHNOLOGY
CORPORATION [JP/JP]; 1-8, Honcho
4-chome, Kawaguchi-shi, Saitama 332-0012
(JP). EBARA CORPORATION [JP/JP]; 1,
Haneda Asahicho 11-chome, Ota-ku, Tokyo
144-8510 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NARITA, Toshio [JP/JP]; 7-8, Shinko-
toni 1jo 9-chome, kita-ku, Sapporo-shi,
Hokkaido 001-0901 (JP). HAYASHI, Shi-
genari [JP/JP]; 1-36, Odorinishi 18-chome,
Chuo-ku, Sapporo-shi, Hokkaido 060-0042
(JP). YOSHIOKA, Takayuki [JP/JP]; Room
201, Heights Yamato, 11-14, Take 3-chome,
Yokosuka-shi, Kanagawa 238-0313 (JP).

YAKUWA, Hiroshi [JP/JP]; Room 401, 10-19, Inari 1-chome, Fujisawa-shi, Kanagawa 251-0862 (JP).

(74) NISHI, Yoshiyuki; Nishi Patent Office, Suite 211, 26-32, Nakahara 4-chome, Isogo-ku, Yokohama-shi, Kanagawa 235-0036 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :
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(51)⁷ C23C 28/00, 30/00

(11) WO 03/038152 (13) A1

(21) PCT/JP02/09479

(22) 13 Sep/sep 2002 (13.09.2002)

(25) ja (26) ja

(30) 2001-335914 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • Re ALLOY COATING FOR DIFFUSION BARRIER
• REVETEMENT EN ALLIAGE RE POUR BARRIERE DE DIFFUSION

(71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP). EBARA CORPORATION [JP/JP]; 1, Haneda Asahicho 11-chome, Ota-ku, Tokyo 144-8510 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NARITA, Toshio [JP/JP]; 7-8, Shinko-toni Ijo 9-chome, Kita-ku, Sapporo-shi, Hokkaido 001-0901 (JP). HAYASHI, Shigenari [JP/JP]; 1-36, Odorinishi 18-chome, Chuo-ku, Sapporo-shi, Hokkaido 060-0042 (JP). YOSHIOKA, Takayuki [JP/JP]; Room 201, Heights Yamato, 11-14, Take 3-chome, Yokosuka-shi, Kanagawa 238-0313 (JP). YAKUWA, Hiroshi [JP/JP]; Room 401, 10-19, Inari 1-chome, Fujisawa-shi, Kanagawa 251-0862 (JP).

(74) NISHI, Yoshiyuki; Nishi Patent Office, Suite 211, 26-32, Nakahara 4-chome, Isogo-ku, Yokohama-shi, Kanagawa 235-0036 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 4/00, H01L 21/3213

(11) WO 03/038153 (13) A1

(21) PCT/US02/34921

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/335,641 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PROCESS FOR LOW TEMPERATURE, DRY ETCHING, AND DRY PLANARIZATION OF COPPER

• PROCESSUS A BASSE TEMPERATURE, DE GRAVURE A SEC ET DE PLANARISATION DE CUIVRE A SEC

(71, 72) KULKARNI, Nagraj [IN/US]; 9635 Cedar Valley Way, Knoxville, TN 37931 (US).

(74) PARKER, James, S. et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, Suite A-1, 2421 NW 41st Street, Gainesville, FL 32606-6669 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 C25B 1/26

(11) WO 03/038154 (13) A2

(21) PCT/EP02/12123

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) MI2001 A 002287 31 Oct/oct 2001 IT (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BIPOLAR ELEMENT FOR HYDROCHLORIC ACID ELECTROLYSIS
• ELEMENT BIPOLAIRE POUR L'ELECTROLYSE DE L'ACIDE CHLORHYDRIQUE

(71) UHDENORA TECHNOLOGIES S.R.L. [IT/IT]; Via Bistolfi, 35, I-20134 Milan (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FEDERICO, Fulvio [IT/IT]; Via Scalabrini, 4, I-29100 Piacenza (IT). IACOPETTI, Luciano [IT/US]; 39 Veronica Avenue, Somerset, NJ 08873 (US).

(74) KINZEBACH, Werner et al. / etc.; 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 VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C25B 11/04, 11/10

(11) WO 03/038155 (13) A1

(21) PCT/NO02/00364

(22) 8 Oct/oct 2002 (08.10.2002)

(25) no (26) en

(30) 20014941 10 Oct/oct 2001 NO (10.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ARRANGEMENT OF AN ELECTRODE, METHOD FOR MAKING SAME, AND USE THEREOF

• ENSEMBLE ELECTRODE, TECHNIQUE DE FABRICATION ET UTILISATION

(71) ORO AS [NO/NO]; Midtunlia 73, N-5224 Nesttun (NO).

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(72, 75) MUNDHEIM, Atle [NO/NO]; Rosenbergtaten 25, N-5015 Bergen (NO). KROKNES, Lasse [NO/NO]; Nettet, N-6460 Eidsvåg I Romsdal (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 C25C 3/28, C22B 34/12

(11) WO 03/038156 (13) A1

(21) PCT/JP02/10588

(22) 11 Oct/oct 2002 (11.10.2002)

(25) ja (26) ja

(30) 2001-319467 17 Oct/oct 2001 JP (17.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD A ND APPARATUS FOR SMELTING TITANIUM METAL

- PROCEDE ET APPAREIL DE FUSION DE METAL DE TITANE
- (71) NIPPON LIGHT METAL COMPANY, LTD., [JP/JP]; 2-20, Higashi-shinagawa 2-chome, Shinagawa-ku, Tokyo 140-8628 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) ONO, Katsutoshi [JP/JP]; 3-16-8, Jiyugaoka, Meguro-ku, Tokyo 152-0035 (JP). SUZUKI, Ryosuke [JP/JP]; 247-8, Iwakura-Miyake-cho, Sakyo-ku, Kyoto-shi, Kyoto 606-0022 (JP).
- (74) NARUSE, Katsuo et al. / etc.; 5th Floor, Central Shinbashi Bldg., 11-5, Nishi-shinbashi 2-chome, Minato-ku, Tokyo 105-0003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C25D 17/00
- (11) WO 03/038158 (13) A2
- (21) PCT/DE02/03916
- (22) 16 Oct/oct 2002 (16.10.2002)
- (25) de (26) de
- (30) 101 53 056.0 25 Oct/oct 2001 DE (25.10.2001)
- (30) 102 34 705.0 30 Jul/juil 2002 DE (30.07.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ELECTROPLATING DEVICE AND ELECTROPLATING SYSTEM FOR COATING ALREADY CONDUCTIVE STRUCTURES
- DISPOSITIF DE GALVANISATION ET SYSTEME DE GALVANISATION CONCUS POUR REVETIR DES STRUCTURES DEJA CONDUCTRICES
- (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) MÜLLER-HIPPER, Andreas [DE/DE]; Adolf-Schmetzer-Str. 10, 93055 Regensburg (DE). SIMMERLEIN-ERL-BACHER, Ewald [DE/DE]; Sauerbruchstr. 21, 91257 Pegnitz (DE). KARL, Andreas [DE/DE]; Wassergasse 3, 93105 Tegernheim (DE).
- (74) EPPING, HERMANN & FISCHER; Rüdlerstr. 55, 80339 München (DE).
- (81) BR CA CN IL IN JP KR MX RU UA US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ C25D 5/54, H01F 41/02
- (11) WO 03/038157 (13) A1
- (21) PCT/JP02/11096
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) ja (26) ja
- (30) 2001-330806 29 Oct/oct 2001 JP (29.10.2001)
- (30) 2002-17686 25 Jan/jan 2002 JP (25.01.2002)
- (30) 2002-52834 28 Feb/fév 2002 JP (28.02.2002)
- (30) 2002-220425 29 Jul/juil 2002 JP (29.07.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR FORMING ELECTROPLATED COATING ON SURFACE OF ARTICLE
- PROCEDE DE FORMATION D'UN REVETEMENT DEPOSE PAR ELECTROLYSE SUR LA SURFACE D'UN ARTICLE
- (71) SUMITOMO SPECIAL METALS CO., LTD. [JP/JP]; 4-7-19, Kitahama, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YOSHIMURA, Kohshi [JP/JP]; 3-11-3, Hirose, Shimamoto-cho, Mishima-gun, Osaka 618-0011 (JP). KIKUI, Fumiaki [JP/JP]; 13-15, Satsukino Higashi 1-chome, Mihara-cho, Minamikawachi-gun, Osaka 587-0032 (JP).
- (74) SHIMIZU, Yoshihiro et al. / etc.; 3rd Floor, Yoshino Building, 14-4, Takadanobaba 2-chome, Shinjuku-ku, Tokyo 169-0075 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK
- LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C25D 17/28, 21/12
- (11) WO 03/038159 (13) A2
- (21) PCT/EP02/11764
- (22) 21 Oct/oct 2002 (21.10.2002)
- (25) en (26) en
- (30) 101 53 171.0 27 Oct/oct 2001 DE (27.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND CONVEYORIZED SYSTEM FOR ELECTROLYTICALLY PROCESSING WORK PIECES
- PROCEDE ET SYSTEME A CONVOYEUR POUR LE TRAITEMENT ELECTROLYTIQUE DE PIECES
- (71) ATOTECH DEUTSCHLAND GMBH [DE/DE]; Erasmusstrasse 20, 10553 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HÜBEL, Egon [DE/DE]; Altdorfer Strasse 35, 90537 Feucht (DE).
- (74) EFFERT, BRESSEL UND KOLLEGEN; Radickestrasse 48, 12489 Berlin (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C25F 7/00
- (11) WO 03/038160 (13) A1
- (21) PCT/US02/34663
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 60/335,050 30 Oct/oct 2001 US (30.10.2001)
- (30) 10/115,273 2 Apr/avr 2002 US (02.04.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • HYDROGEN GENERATING CELL WITH CATHODE SUBASSEMBLY CONSTRUCTION
- CELLULE GENERATRICE D'HYDROGENE A CATHODE
- (71) MICROLIN, L.,C. [US/US]; 2425 South 900 West, Salt Lake City, UT 84119 (US).
- (72) JOSHI, Ashok, V.; 4552 S. Thousand Oaks Drive, Salt Lake City, UT 84124 (US). ZECVIC, Strahinja, K.; Apt. 30, 43665 Muirfield Drive Apt.30, Salt Lake City, UT 84124 (US).
- (74) FACTOR, Jody, L.; Factor & Partners, LLC, 1327 W. Washington Blvd., Suite 5G/H, Chicago, IL 60607 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C30B 15/14, 15/22
- (11) WO 03/038161 (13) A1
- (21) PCT/US01/46211
- (22) 1 Nov/nov 2001 (01.11.2001)
- (25) en (26) en
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SHALLOW MELT APPARATUS FOR SEMICONTINUOUS CZOCHRALSKI CRYSTAL GROWTH
- APPAREIL POUR MATIERE FAIBLEMENT FONDUE PERMETTANT D'EFFECTUER UNE FABRICATION DE

- CRISTAL SEMI-CONTINUE CZO-
CHRALSKI
- (71) MIDWEST RESEARCH INSTITUTE
[US/US]; 425 Volker Boulevard, Kansas City,
MO 64110 (US).
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les États désignés sauf US)*
- (72, 75) WANG, Tihu [CH/US]; 11997 West
Coal Mine Drive, Littleton, CO 80127 (US).
CISZEK, Theodore, F. [US/US]; 31843
Miwok Trail, Evergreen, CO 80439 (US).
- (74) WHITE, Paul, J. et al. / etc.; National
Renewable Energy Laboratory, 1617 Cole
Boulevard, Golden, CO 80401 (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 ES FI
(Utility model / modèle d'utilité) FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX MZ NO NZ PH
PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).
- Published / Publiée : (b)
Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ D01F 6/92, 6/62, D02G 3/04
(11) WO 03/038162 (13) A1
(21) PCT/JP02/11316
(22) 30 Oct/oct 2002 (30.10.2002)
(25) ja (26) ja
(30) 2001/334437 31 Oct/oct 2001 JP
(31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • POLY(TRIMETHYLENE TEREPH-
THALATE) FILAMENT YARN
AND METHOD FOR PRODUCTION
THEREOF
• FIL FILAMENTAIRE DE POLY(TE-
REPHTHALATE DE TRIMETHYLENE)
ET SON PROCEDE DE PRODUCTION
- (71) TEIJIN LIMITED [JP/JP]; 6-7, Minami-
hommachi 1-chome, Chuo-ku, Osaka-shi,
Osaka 541-0054 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) YOSHIMURA, Mie [JP/JP]; C/O
Teijin Limited, Matsuyama Factory, 77,
Kitayoshida-cho, Matsuyama-shi, Ehime
791-8041 (JP). IOHARA, Koichi [JP/JP];
C/O Teijin Limited, Matsuyama Factory,
77, Kitayoshida-cho, Matsuyama-shi, Ehime
791-8041 (JP).
- (74) ISHIDA, Takashi et al. / etc.; A. AOKI,
ISHIDA & ASSOCIATES, Toranomom 37
Mori Bldg., 5-1, Toranomom 3-chome, Mi-
nato-ku, Tokyo 105-8423 (JP).
- (81) CN ID KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- (51)⁷ D01F 9/12
(11) WO 03/038163 (13) A1
(21) PCT/US02/34614
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 60/339,078 30 Oct/oct 2001 US
(30.10.2001)
(30) Not furnished / 30 Oct/oct 2002 US
non communiqué (30.10.2002)
(43) 8 May/mai 2003 (08.05.2003)
(54) • RF PLASMA METHOD FOR PRODUC-
TION OF SINGLE WALLED CARBON
NANOTUBES
• PROCEDE D'UTILISATION DE
PLASMA GENERE PAR RADIOFRE-
QUENCE POUR LA PRODUCTION DE
NANOTUBES DE CARBONE A PAROI
SIMPLE
- (71) MATERIALS AND ELECTROCHEM-
ICAL RESEARCH (MER) CORPORA-
TION [US/US]; 7960 South Kolb Road,
Tucson, AZ 85706 (US).
- (72) LOUTFY, Raouf, O.; 6507 N. Ventana
Canyon Drive, Tucson, AZ 85750 (US).
MORAVSKY, Alexander, P.; 7887 E. Uhl
Street, #1004, Tucson, AZ 85710 (US).
LOWE, Timothy, P.; 5617 E. 29th. Street,
Tucson, AZ 85711 (US).
- (81) CA JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- (51)⁷ D01F 11/00
(11) WO 03/038164 (13) A2
(21) PCT/AT02/00306
(22) 30 Oct/oct 2002 (30.10.2002)
(25) de (26) de
(30) A 1731/2001 2 Nov/nov 2001 AT
(02.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • METHOD FOR TREATING SOLVENT-
SPUN CELLULOSE FIBERS
• PROCEDE POUR TRAITER DES
FIBRES CELLULOSIQUES FILEES
AU SOLVANT
- (71) LENZING AKTIENGESELLSCHAFT
[AT/AT]; Werkstrasse 2, A-4860 Lenzing
(AT).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) RENFREW, Andrew, Hunter, Morris
[GB/GB]; 390 Holcombe Road, Greenmount,
Bury, Lancashire BL8 4DT (GB).
- (74) SCHWARZ, Albin et al. / etc.; Wipplinger-
strasse 32/22, A-1010 Wien (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ D01G 19/18
(11) WO 03/038165 (13) A1
(21) PCT/FR02/03700
(22) 28 Oct/oct 2002 (28.10.2002)
(25) fr (26) fr
(30) 01/13979 29 Oct/oct 2001 FR
(29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • METHOD AND DEVICE FOR THE
POSITIVE DRIVING OF THE UPPER
DETACHING ROLLER OF A RECTI-
LINEAR COMBING-MACHINE
• PROCEDE ET DISPOSITIF D'ENTRAI-
NEMENT POSITIF DU CYLINDRE
D'ARRACHAGE SUPERIEUR D'UNE
PEIGNEUSE RECTILIGNE
- (71) N. SCHLUMBERGER S.A. [FR/FR]; 170,
rue de la République, F-68500 Guebwiller
(FR).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) KUMMERLIN, Pierre [FR/FR]; 31,
rue du Château d'eau, F-68500 Issenheim
(FR). GAIRE, Gérard [FR/FR]; 9, allée
des Tilleuls, F-68500 Guebwiller (FR).
BOCKEMÜHL-WÜLLENWEBER, Horst
[DE/DE]; Stentenbergrasse 37, 51702
Bergneustadt (DE).
- (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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT 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 D01H 4/12, 4/14
(11) WO 03/038166 (13) A1
(21) PCT/CH02/00551
(22) 3 Oct/oct 2002 (03.10.2002)
(25) de (26) de
(30) 1995/01 31 Oct/oct 2001 CH
(31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • DRIVER FOR THE SPINNING ROTORS
OF A ROTOR SPINNING MACHINE
• DISPOSITIF D'ENTRAINEMENT
POUR LES ROTORS D'UNE MACHINE
DE FILATURE A ROTORS

(71) **HOLDING FÜR INDUSTRIEBETEILIGUNGEN AG** [CH/CH]; Bafflesstrasse 14, 9450 Altstätten (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STAHLECKER, Hans** [DE/DE]; Eisbrunnenstrasse 37, 73072 Donzdorf (DE).
HERMANN, Hans [DE/CH]; Im Moos 17, CH-9450 Lüdingen (CH).

(74) **SCHREIBER, Wolfgang, F. et al.** / etc.; Riederer Hasler & Partner Patentanwälte AG, Elestastrasse 8, CH-7310 Bad Ragaz (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D02G 3/00, C08G 63/66

(11) WO 03/038167 (13) A1

(21) PCT/US02/34104

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 10/016,023 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • POLYETHER ESTER ELASTOMER COMPRISING POLYTRIMETHYLENE ETHER ESTER SOFT SEGMENT AND TRIMETHYLENE ESTER HARD SEGMENT

• ELASTOMERE D'ESTER DE POLYETHER CONTENANT UN SEGMENT MOU D'ETHER-ESTER DE POLYTRIMETHYLENE AINSI QU'UN SEGMENT DUR D'ESTER DE TRIMETHYLENE

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **GOLDFINGER, Marc, B.**; 450 Lake George Circle, West Chester, PA 19382 (US).
SUNKARA, Hari, Babu; 5509 Limeric Circle, Apartment 43, Wilmington, DE 19808 (US).

(74) **KULLER, Mark, D.**; E.I. Du Pont De Nemours And Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 D03D 11/00, D04H 3/00

(11) WO 03/038168 (13) A1

(21) PCT/US02/34302

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 60/336,897 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HIGH-SPEED SPUN-BOND PRODUCTION OF NON-WOVEN FABRICS

• PRODUCTION DE FILE-LIE A HAUTE VITESSE DE NON-TISSES

(71) **ALBANY INTERNATIONAL CORP.** [US/US]; 1373 Broadway, Albany, NY 12204 (US).

(72) **LEVINE, Mark, J.**; 104 Wood Duck Lane, Hendersonville, TN 37075 (US).
GRAHAM, David; 1702 Rivergate Meadows Drive, Goodlettsville, TN 37072 (US).
HOUEK, Bill; 356 Lake Road, Menasha, WI 54952 (US).
ISRAEL, Thomas, L.; N9354 Exploration Avenue, Appleton, WI 54915 (US).

(74) **SANTUCCI, Ronald, R.**; Frommer, Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 D03D 15/00, A41D 31/00

(11) WO 03/038169 (13) A1

(21) PCT/US02/34100

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 10/044,269 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LIGHTWEIGHT DENIM FABRIC CONTAINING HIGH STRENGTH FIBERS, PROCESS FOR MAKING THE SAME AND CLOTHING FORMED THEREFROM

• TISSU DENIM DE POIDS LEGER COMPRENANT DES FIBRES TRES RESISTANTES, PROCEDE DE FABRICATION ASSOCIE ET VETEMENTS CONFEC-TIONNES A PARTIR DE CELUI-CI

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **CHI, Cheng-Hang**; 13612 Riverton Drive, Midlothian, VA 23113 (US).
PRICKETT, Larry, John; 8712 Braystone Court, Chesterfield, VA 23838 (US).

(74) **GOLIAN, Andrew, G.**; E.I. Dupont De Nemours And Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 D03D 47/34

(11) WO 03/038170 (13) A1

(21) PCT/BE02/00161

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 010692 29 Oct/oct 2001 BE (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND DEVICE FOR SUPPLYING WEFT THREAD IN A WEAVING MACHINE, AS WELL AS A BRAKE AND/OR DAMPER MECHANISM APPLIED THEREBY

• PROCEDE ET DISPOSITIF PERMETTANT D'ALIMENTER UNE MACHINE A TISSER EN FIL DE TRAME, ET MECANISME DE FREINAGE ET/OU D'AMORTISSEMENT APPLIQUE AUDIT DISPOSITIF

(71) **PICANOL, NAAMLOZE VENNOOTSCHAP** [BE/BE]; Polenlaan 3-7, B-8900 Ieper (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAMELIS, Jean-Marie** [BE/BE]; Rob. Van Bethunelaan 76, B-8900 Ieper (BE).
SALOMEZ, Herman [BE/BE]; Boudewijnpark 72, B-8980 Zonnebeke (BE).
MOERMAN, Arnold [BE/BE]; Bikschotestraat 140A, B-8920 Bikschote (BE).
DELANOTE, Chris [BE/BE]; Komenseweg 2, B-8900 Ieper (BE).
PEETERS, Jozef [BE/BE]; Bukkersstraat 32, B-8900 Ieper (BE).

(74) **E.DONNE**; Bureau M.F.J. Bockstaël 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 D03D 47/34

(11) WO 03/038171 (13) A1

(21) PCT/EP02/11954

(22) 25 Oct/oct 2002 (25.10.2002)

(25) de (26) de

(30) 101 53 326.8 29 Oct/oct 2001 DE (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • YARN PROCESSING SYSTEM

• SYSTEME DE TRAITEMENT DE FILS

(71) IROPA AG [CH/CH]; Oberneuhofstrasse 6, CH-6340 Baar (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOSEFSSON, Pär [SE/SE]; Polonäsgränd 67, S-502 51 Borås (SE).

(74) GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER; Maximilianstrasse 58, 80538 München (DE).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ D03D 47/34

(11) WO 03/038172 (13) A1

(21) PCT/EP02/12216

(22) 31 Oct/oct 2002 (31.10.2002)

(25) de (26) de

(30) 101 53 856.1 2 Nov/nov 2001 DE (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • YARN FEEDING DEVICE AND METHOD FOR YARN FEEDING

• DISPOSITIF ET PROCÉDE D'ALIMENTATION EN FIL

(71) IROPA AG [—/—]; Oberneuhofstrasse 6, CH-6340 Baar (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERTOLONE, Roberto [IT/IT]; Nuova Roj Electrotex, Via Vercellone 11, I-13051 Biella (IT).

(74) GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER; Maximilianstrasse 58, 80538 München (DE).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ D04B 1/00

(11) WO 03/038173 (13) A1

(21) PCT/JP02/10675

(22) 15 Oct/oct 2002 (15.10.2002)

(25) ja (26) ja

(30) 2001-335172 31 Oct/oct 2001 JP (31.10.2001)

(30) 2002-4973 11 Jan/jan 2002 JP (11.01.2002)

(30) 2002-103403 5 Apr/avr 2002 JP (05.04.2002)

(30) 2002-178782 19 Jun/juin 2002 JP (19.06.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ELASTIC KNITTING FABRIC HAVING MULTILAYER STRUCTURE

• TISSU MAILLE ELASTIQUE A STRUCTURE MULTICOUCHE

(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) KONDOU, Toshiyuki [JP/JP]; 4-5, Higashichujocho, Ibaraki-shi, Osaka 567-0885 (JP). YOSHIDA, Tomoaki [JP/JP]; 1-21-4, Kohoku, Hirakata-shi, Osaka 573-1161 (JP). FURUYA, Kazuo [JP/JP]; 2-3, Hiyoshidai 4-chome, Otsu-shi, Shiga 520-0112 (JP).

(74) ASAMURA, Kiyoshi et al. / etc.; Room 331, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D04H 3/16, 3/04, D01D 5/098

(11) WO 03/038174 (13) A1

(21) PCT/US02/24644

(22) 2 Aug/août 2002 (02.08.2002)

(25) en (26) en

(30) 60/325,056 26 Sep/sep 2001 US (26.09.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS AND METHOD FOR PRODUCING A NONWOVEN WEB OF FILAMENTS

• APPAREIL ET PROCÉDE DE PRODUCTION D'UN TOILE DE FILAMENTS NON TISSÉS

(71) BBA NONWOVENS SIMPSONVILLE, INC. [US/US]; 844 S.E. Main Street, Simpsonville, SC 29681 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAYLOR, Thomas, B. [US/US]; 11 Briar Park Drive, Greer, SC 29651 (US).

(74) LINKER, Raymond, O., 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 (Utility model / modèle d'utilité) AT AU (Petty patent) AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ D04H 13/00, B29C 70/06, B32B 5/26, D04H 18/00

(11) WO 03/038175 (13) A1

(21) PCT/DE01/03997

(22) 17 Oct/oct 2001 (17.10.2001)

(25) de (26) de

(43) 8 May/mai 2003 (08.05.2003)

(54) • TEXTILE REINFORCEMENT COMPRISING AT LEAST ONE COVER LAYER AND ONE VOLUMINOUS NONWOVEN LAYER

• ARMATURE TEXTILE COMPORTANT AU MOINS UNE COUCHE DE COUVERTURE ET UNE COUCHE DE NON-TISSE VOLUMINEUSE

(71) SAERTEX WAGENER GMBH & CO. KG [DE/DE]; Brochterbecker Damm 52, 48369 Saerbeck (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WAGENER, Gert [DE/DE]; Neubrückenstrasse 43, 48282 Emsdettern (DE).

(74) HABEL & HABEL; Am Kanonengraben 11, 48151 Münster (DE).

(81) BR 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 D06B 23/00

(11) WO 03/038176 (13) A1

(21) PCT/IN01/00195

(22) 31 Oct/oct 2001 (31.10.2001)

- (25) en (26) en
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PROCESS FOR THE PREPARATION OF INDIGO DYED YARN FOR USE IN THE MANUFACTURE OF KNITTED FABRIC
- PROCEDE DE PREPARATION DE FIL TEINT A L'INDIGO UTILISE DANS LA FABRICATION D'UN ARTICLE TRICOTE
- (71) MALWA COTTON SPINNING MILLS LTD. [IN/IN]; Industrial Area-A, Ludhiana 141 003, Punjab (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OSWAL, Jangi, Lal [IN/IN]; Malwa Cotton Spinning Mills Ltd., Industrial Area-A, Ludhiana 141 003, Punjab (IN).
RASTOGI, B., L. [IN/IN]; Malwa Cotton Spinning Mills Ltd., Industrial Area-A, Ludhiana 141 003, Punjab (IN).
- (74) BANERJEE SUDIPTA; L S Davar & Co., Monalisa, Flats 1B & 1C, 17 Camac Street, Calcutta 700 017 (IN).
- (81) BR CA CN ID KR MX US VN.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ D06H 7/02
- (11) WO 03/038177 (13) A1
- (21) PCT/VN02/00002
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 1-2001-01067 2 Nov/nov 2001 VN (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CROSS CUTTING MACHINE
- DISPOSITIF DE DECOUPE TRANS-VERSALE
- (71) MY ANH CO., LTD [VN/VN]; 12 Tran Hung Dao Street, Hanoi, VN (VN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DAO, Gia, Tuan [—/VN]; 12 Tran Hung Dao Street, Hanoi, VN (VN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG

SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ D06L 1/22, 1/04

(11) WO 03/038178 (13) A1

(21) PCT/EP02/11722

(22) 17 Oct/oct 2002 (17.10.2002)

(25) en (26) en

(30) 01204108.3 26 Oct/oct 2001 EP (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DRY CLEANING PROCESS

• PROCEDE DE NETTOYAGE A SEC

(71) UNILEVER N.V. [NL/NL]; UNILEVER N.V., PATENT DEPARTMENT, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).

(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NL NO PH PL PT RO RU SE SI SK SN TD TG TJ TM TN TR UA UZ VN YU)

(71) UNILEVER PLC [GB/GB]; UNILEVER HOUSE, Blackfriars, London, Greater London EC4 4BQ (GB).

(only for / seulement pour AE AG AU BB BZ CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ OM SD SG SL SZ TT TZ UG VC ZA ZM ZW)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, 400 020 Mumbai (IN).

(only for / seulement pour IN)

(72) EVERS, Joop; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).
GOEDHART, Machiel; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).
KERPELS, Fred; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).
VAN KRALINGEN, Cornelis, Gerhard; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).
OVERDEVEST, Pieter, Everhardus; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).
REINHOUDT, Hank, Robert; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen

(NL).
VRIESWIJK, Karin; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).

(74) ROSEN JACOBSON, Frans; Unilever Patent Department, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ D06L 1/22, 1/04

(11) WO 03/038179 (13) A1

(21) PCT/EP02/11723

(22) 17 Oct/oct 2002 (17.10.2002)

(25) en (26) en

(30) 01204114.1 26 Oct/oct 2001 EP (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DRY CLEANING PROCESS

• PROCEDE DE NETTOYAGE A SEC

(71) UNILEVER N.V. [NL/NL]; UNILEVER N.V., PATENT DEPARTMENT, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).

(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NL NO PH PL PT RO RU SE SI SK SN TD TG TJ TM TN TR UA UZ VN YU)

(71) UNILEVER PLC [GB/GB]; UNILEVER HOUSE, Blackfriars, London, Greater London EC4 4BQ (GB).

(only for / seulement pour AE AG AU BB BZ CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ OM SD SG SL SZ TT TZ UG VC ZA ZM ZW)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, 400 020 Mumbai (IN).

(only for / seulement pour IN)

(72) EVERS, Joop; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).
GOEDHART, Machiel; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).
KERPELS, Fred; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).
VAN KRALINGEN, Cornelis, Gerhard; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).
OVERDEVEST, Pieter, Everhardus; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen

Noortlaan 120, NL-3133 AT Vlaardingen (NL). **REINHOUDT, Hank, Robert**; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). **VRIESWIJK, Karin**; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).

(74) **ROSEN JACOBSON, Frans**; Unilever Patent Department, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ D06M 11/32, 11/38, 11/45, 11/46, 11/79, H01M 4/86

(11) WO 03/038180 (13) A1

(21) PCT/US02/27366

(22) 27 Aug/août 2002 (27.08.2002)

(25) en (26) en

(30) 09/999,561 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HYDROPHILIC TREATMENT OF A CARBON FIBER CONSTRUCTION
• TRAITEMENT HYDROPHILE D'UNE CONSTRUCTION EN FIBRE DE CARBONE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **FRISK, Joseph, W.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **BOAND, Wayne, M.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **DAHL, Philip, Y. et al.** / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ D06M 13/358, 15/15 // 101:06

(11) WO 03/038181 (13) A1

(21) PCT/JP02/02527

(22) 15 Mar/mar 2002 (15.03.2002)

(25) ja (26) ja

(30) 2001-373408 1 Nov/nov 2001 JP (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF MODIFICATION PROCESSING CELLULOSE-BASED FUNCTIONAL FIBER MATERIAL WITH EXCELLENT STRENGTH

• PROCEDE DE MODIFICATION DU TRAITEMENT D'UNE MATIERE FIBREUSE FONCTIONNELLE A BASE DE CELLULOSE FAISANT PREUVE D'UNE EXCELLENTE RESISTANCE

(71, 72) **HAGIWARA, Toshio** [JP/JP]; 5-12-17, Kiyomidai, Kawachinagano-shi, Osaka 586-0043 (JP). **YAMADA, Eiji** [JP/JP]; 2-9-5, Daiwa, Takatsuki-shi, Osaka 569-1047 (JP).

(81) KR.

(51)⁷ D06M 15/643, 13/292 // 101:38

(11) WO 03/038182 (13) A1

(21) PCT/JP02/11272

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ja (26) ja

(30) 2001-374965 2 Nov/nov 2001 JP (02.11.2001)

(30) 2002-125011 22 Mar/mar 2002 JP (22.03.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TREATING AGENT FOR ELASTIC FIBERS AND ELASTIC FIBERS OBTAINED BY USING THE SAME

• AGENT DE TRAITEMENT POUR FIBRES ELASTIQUES ET FIBRES ELASTIQUES OBTENUES AU MOYEN DUDIT AGENT

(71) **MATSUMOTO YUSHI-SEIYAKU CO., LTD.** [JP/JP]; 1-3, Shibukawa-cho 2-chome, Yao-shi, Osaka 581-0075 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIRAMATSU, Masahiro** [JP/JP]; c/o Matsumoto Yushi-seiyaku Co., Ltd., 1-3, Shibukawa-cho 2-chome, Yao-shi, Osaka 581-0075 (JP). **SOGA, Takashi** [JP/JP]; c/o Matsumoto Yushi-seiyaku Co., Ltd., 1-3, Shibukawa-cho 2-chome, Yao-shi, Osaka 581-0075 (JP).

(74) **MIYAKOSHI, Noriaki**; Shin-ei Patent Office, 29th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6029 (JP).

(81) CN JP KR US.

(51)⁷ D06P 5/00, 5/20, 1/651, 3/24, D06M 13/152, D06C 7/02

(11) WO 03/038183 (13) A1

(21) PCT/JP02/11341

(22) 31 Oct/oct 2002 (31.10.2002)

(25) ja (26) ja

(30) 2001/333804 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF DYEING WOVEN FABRIC COMPRISING POLYAMIDE FIBER

• PROCEDE DE TEINTURE DE TOILE TISSEE COMPRENANT UNE FIBRE DE POLYAMIDE

(71) **KANEBO, LIMITED** [JP/JP]; 17-4, Sumida 5-chome, Sumida-ku, Tokyo 131-0031 (JP). **KANEBO GOHSEN LIMITED** [JP/JP]; 2-2, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka 530-0001 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWAGUCHI, Yasuhiro** [JP/JP]; 4-21-2, Saiwai-cho 2-chome, Sabae-shi, Fukui 916-0018 (JP). **MAEDA, Haruhiko** [JP/JP]; 16-22-209, Kamizono-cho, Nishinomiya-shi, Hyogo 662-0027 (JP). **TSUDA, Gi** [JP/JP]; 2-2-7-104, Terahata, Kawanishi-shi, Hyogo 666-0034 (JP). **SAIOKA, Masahiro** [JP/JP]; 3-409, Shimohozumi 1-chome, Ibaraki-shi, Osaka 567-0041 (JP). **KAWAHARA, Akihiro** [JP/JP]; 17-10-506, Motokikita-machi, Adachi-ku, Tokyo 123-0857 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 D21C 9/00, D21H 17/70

(11) WO 03/038184 (13) A1

(21) PCT/FR02/03691

(22) 28 Oct/oct 2002 (28.10.2002)

(25) fr (26) fr

(30) 01/14010 30 Oct/oct 2001 FR (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BLEACHED, MECHANICAL PAPER PULP AND THE PRODUCTION METHOD THEREFOR

• PATE A PAPIER MECANIQUE BLANCHIE ET SON PROCEDE DE FABRICATION

(71) **INTERNATIONAL PAPER SA** [FR/FR]; 5/7, Boulevard des Chênes, F-78280 Guyancourt (FR).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **RIOU, Claude** [FR/FR]; 55, chemin du Mont Baret, F-74290 Menthon St Bernard (FR).
- (74) **SARLIN, Laure**; Cabinet Beau De Lomenie, 51, avenue Jean Jaurès, B.P. 7073, F-69301 Lyon (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ D21F 1/00

- (11) **WO 03/038185** (13) A1
- (21) PCT/US02/31195
- (22) **30 Sep/sep 2002 (30.09.2002)**
- (25) en (26) en
- (30) 10/021,363 **30 Oct/oct 2001** US
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • THROUGH-AIR-DRYING BASE FABRIC
• TOILE DE BASE A SECHAGE PAR AIR TRAVERSANT

- (71) **ALBANY INTERNATIONAL CORP.** [US/US]; 1373 Broadway, Albany, NY 12201 (US).
- (72) **ROUGVIE, David, S.**; 3600 N. Durkee Street, Appleton, WI 54911 (US).
- (74) **SANTUCCI, Ronald, R.**; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D21G 1/00

- (11) **WO 03/038186** (13) A1
- (21) PCT/FI02/00840
- (22) **29 Oct/oct 2002 (29.10.2002)**
- (25) en (26) en
- (30) U20010404 **30 Oct/oct 2001** FI
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)

- (54) • MULTI-NIP CALENDER
• CALANDRE A ECARTEMENT MULTIPLE

- (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) **KIRVESKARI, Erkki** [FI/FI]; Välihaka 90, FIN-07190 Halkia (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 D21G 1/02, B21B 31/08

- (11) **WO 03/038187** (13) A1
- (21) PCT/FI02/00838
- (22) **29 Oct/oct 2002 (29.10.2002)**
- (25) fi (26) en
- (30) 20012096 **30 Oct/oct 2001** FI
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)

- (54) • METHOD FOR REPLACING AN INTERMEDIATE ROLLER
• PROCEDE DE REMPLACEMENT DE ROULEAU INTERMEDIAIRE

- (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) **KIRVESMÄKI, Markku** [FI/FI]; Tupalantie F B 19, FIN-04400 Järvenpää (FI).
MANNIO, Aaron [FI/FI]; Ylämaankatu 5, FIN-04430 Järvenpää (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ D21G 1/02, B21B 31/08

- (11) **WO 03/038188** (13) A1
- (21) PCT/FI02/00839
- (22) **29 Oct/oct 2002 (29.10.2002)**

- (25) fi (26) en
- (30) 20012097 **30 Oct/oct 2001** FI
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • METHOD FOR REPLACING AN INTERMEDIATE ROLLER IN A SET OF MULTIPLE ROLLERS

- PROCEDE DE REMPLACEMENT D'UN ROULEAU INTERMEDIAIRE DANS UN ENSEMBLE DE MULTIPLES ROULEAUX

- (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) **VILJANMAA, Mika** [FI/FI]; Kalliotie 8, FIN-00760 Helsinki (FI).
MANNIO, Aaron [FI/FI]; Ylämaankatu 5, FIN-04430 Järvenpää (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ E01B 25/30

- (11) **WO 03/038189** (13) A1
- (21) PCT/CN02/00462
- (22) **1 Jul/juil 2002 (01.07.2002)**
- (25) zh (26) zh
- (30) 01132090.7 **1 Nov/nov 2001** CN
(01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)

- (54) • A METHOD OF MANUFACTURING THE TRACK GIRDER OF THE MAGNETIC SUSPENSION RAILWAY

- PROCEDE DE FABRICATION D'UNE POUTRE PORTEUSE D'UN CHEMIN DE FER A SUSTENTATION MAGNETIQUE

- (71) **SHANGHAI MAGLEV TRANSPORTATION DEVELOPMENT CO., LTD** [CN/CN]; 2520 Long Yang Road, Pudong, Shanghai 201204 (CN).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **WU, Xiangming** [CN/CN]; 2520 Long Yang Road, Pudong, Shanghai 201204 (CN).

- (74) **SHANGHAI ZHI XIN PATENT AGENT LTD.**; 10F, Italy Building, 446 Zhao Jia Bang Road, Shanghai 200031 (CN).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG

SI SK SL TJ TM TN TR TT TZ UA UG US
UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (t) for the following designation / pour la désignation suivante : US
(u) for / pour US only / seulement

(51)⁷ E01D 19/10, E04C 5/10

(11) WO 03/038190 (13) A1

(21) PCT/JP02/07731

(22) 30 Jul/juil 2002 (30.07.2002)

(25) ja (26) ja

(30) 2001-331103 29 Oct/oct 2001 JP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TRANSPARENT PROTECTIVE TUBE FOR EXTERNAL CABLE

• TUBE DE PROTECTION TRANSPARENTE POUR CABLE EXTERNE

(71) ANDERSON TECHNOLOGY CORPORATION [JP/JP]; 23-5, Nishi-shinbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP). SHINKO WIRE CO., LTD. [JP/JP]; 10-1, Nakahama-cho, Amagasaki-shi, Hyogo 660-0091 (JP). TIGERS POLYMER CORPORATION [JP/JP]; 4-1, Shinsenrihigashi-machi 1-chome, Toyonaka-shi, Osaka 565-0082 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KADOTANI, Tsutomu [JP/JP]; 1273-313, Onna, Atsugi-shi, Kanagawa 243-0032 (JP). MINAMI, Toshikazu [JP/JP]; c/o SHINKO WIRE CO., LTD., 10-1, Nakahama-cho, Amagasaki-shi, Hyogo 660-0091 (JP). SHIRAHAMA, Shoji [JP/JP]; c/o SHINKO WIRE CO., LTD., 10-1, Nakahama-cho, Amagasaki-shi, Hyogo 660-0091 (JP). INAGAKE, Tetsuya [JP/JP]; c/o TIGERS POLYMER CORPORATION Shizuoka Factory, 6, Tanyo, Kakegawa-shi,

Shizuoka 436-0082 (JP). SUZUKI, Seishi [JP/JP]; c/o TIGERS POLYMER CORPORATION Shizuoka Factory, 6, Tanyo, Kakegawa-shi, Shizuoka 436-0082 (JP).

(74) MURATA, Yukio; Tochi Patent Office, Yaesu 5-5 Bldg., 6-5, Yaesu 2-Chome, Chuo-Ku, Tokyo 104-0028 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E01F 9/04, G02B 5/128

(11) WO 03/038191 (13) A2

(21) PCT/US02/28986

(22) 12 Sep/sep 2002 (12.09.2002)

(25) en (26) en

(30) 10/000,649 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • REFLECTIVE ELEMENTS COMPRISING REINFORCEMENT PARTICLES DISPERSED WITHIN A CORE

• ELEMENTS REFLECHISSANTS COMPRENANT DES PARTICULES DE RENFORCEMENT DISPERSÉES DANS UN NOYAU

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) HUMPAL, Kathleen, M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). MATHERS, James, P.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) FISCHER, Carolyn, A. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ E01H 1/08

(11) WO 03/038192 (13) A1

(21) PCT/US02/34705

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/046,589 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AIR SWEEPING APPARATUS

• APPAREIL DE BALAYAGE A AIR

(71) TENNANT COMPANY [US/US]; 701 North Lilac Drive, P.O. Box 1452, Minneapolis, MN 55440 (US).

(72) LENZMEIER, Michael, H.; 27101 Furman Street, North Branch, MN 55056 (US). WYDRA, Larry, D.; 12 Union Terrance Lane North, Plymouth, MN 55441 (US).

(74) KLOS, John, F.; Fulbright & Jaworski L.L.P., 225 South Sixth Street, Suite 4850, Minneapolis, MN 55402-4320 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E01H 1/12

(11) WO 03/038193 (13) A1

(21) PCT/BR02/00142

(22) 11 Oct/oct 2002 (11.10.2002)

(25) en (26) en

(30) PI 0105038-9 15 Oct/oct 2001 BR (15.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PORTABLE AND DISCHARGEABLE DEVICE FOR THE SIMULTANEOUS COLLECTING AND FILLING MATERIAL INTO BAGS

• DISPOSITIF PORTATIF ET JETABLE PERMETTANT SIMULTANEMENT DE RECUPERER UNE MATIERE ET DE LA PLACER DANS UN SACHET

(71, 72) **DE COL CASTILHOS, Cristiano** [BR/BR]; Rua Tupis, 776, CEP-99020-200 Passo Fundo, RS (BR).

(74) **CUSTÓDIO DE ALMEIDA & CIA.;** Avenida Borges de Medeiros, 464 3º Andar, CEP-90020-022 Porto Alegre, RS (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **E01H 10/00, 3/02, A01M 7/00, B05B 1/30, 1/16**

(11) **WO 03/038194** (13) A1

(21) PCT/DE02/04044

(22) **30 Oct/oct 2002 (30.10.2002)**

(25) de (26) de

(30) 101 53 667.4 **31 Oct/oct 2001 DE (31.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • **SPRAY DEVICE**

• **DISPOSITIF DE PULVERISATION**

(71, 72) **MODISPACHER, Klaus** [DE/DE]; Strass 2, 79859 Schluchsee-Blasiwald (DE).

(74) **LAUER, Joachim;** Raingärten 12, 79780 Stühlingen (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 **E02B 3/00**

(11) **WO 03/038195** (13) A1

(21) PCT/US02/34646

(22) **29 Oct/oct 2002 (29.10.2002)**

(25) en (26) en

(30) 60/347,959 **29 Oct/oct 2001 US (29.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • **BOOM CURTAIN WITH EXPANDABLE PLEATED PANELS, CONTAINMENT BOOM CONTAINING THE SAME, AND USE THEREOF**

• **RIDEAU DE BARRAGE FLOTTANT A PANNEAUX A PLIS EXTENSIBLES,**

BARRAGE FLOTTANT DE CONFINEMENT RENFERMANT LEDIT RIDEAU ET UTILISATION DE CE RIDEAU

(71) **GUNDERBOOM, INC.** [US/US]; P.O. Box 222094, Anchorage, AK 99522-2094 (US).

(72) **DREYER, Harold, B.;** 9600 Arlene Drive, Anchorage, AK 99515 (US).

(74) **GOLDMAN, Michael, L.;** Nixon Peabody LLP, Clinton Square, P.O. Box 31051, Rochester, NY 14603-1051 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E02B 3/12, E02D 29/02**

(11) **WO 03/038196** (13) A1

(21) PCT/IB02/04549

(22) **31 Oct/oct 2002 (31.10.2002)**

(25) it (26) fr

(30) 01830682.9 **2 Nov/nov 2001 EP (02.11.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • **GRID OR LATTICE CONTAINER STRUCTURE FOR PROTECTION AGAINST EROSION**

• **STRUCTURE DE CONTENEUR EN GRILLAGE OU TREILLIS POUR LA PROTECTION CONTRE L'EROSION**

(71) **OFFICINE MACCAFERRI S.P.A.** [IT/IT]; Via Agresti, 6, I-40123 Bologna (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PIOLANTI, Marco** [IT/FR]; 17, avenue de la Favorite, Villa Le Rouve, F-06400 Cannes (FR).

(74) **PROVVISIONATO, Paolo et al. / etc.;** c/o Provvisionato & Co. S.r.l., Piazza di Porta Mascarella, 7, I-40126 Bologna (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E02D 1/04, 7/08, 7/18, 7/26, E21B 25/18**

(11) **WO 03/038197** (13) A1

(21) PCT/DK02/00730

(22) **1 Nov/nov 2002 (01.11.2002)**

(25) en (26) en

(30) PA 200101629 **2 Nov/nov 2001 DK (02.11.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • **A METHOD AND APPARATUS FOR DRIVING AN ELONGATED BODY INTO A FLOOR UNDER A BODY OF WATER**

• **PROCEDE ET APPAREIL D'ENTRAIEMENT D'UNE MASSE ALLONGEE DANS FOND SOUS UNE MASSE D'EAU**

(71) **GEO** [DK/DK]; Maglebjergvej 1, DK-2800 Lyngby (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **THRANE, Jens Kristian Bjerregaard** [DK/DK]; Vesterled 12, Grimstrup, DK-6818 Årre (DK). **RIIS, Henning** [DK/DK]; Birkegården 9, DK-3500 Værløse (DK).

(74) **PLOUGMANN & VINGTOFT A/S;** Sundkrogsgade 9, P.O. Box 831, DK-2100 Copenhagen (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **E02D 27/42**

(11) **WO 03/038198** (13) A1

(21) PCT/GB01/04775

(22) **29 Oct/oct 2001 (29.10.2001)**

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • **A METHOD AND APPARATUS FOR FORMING FOUNDATIONS**

• **PROCEDE ET APPAREIL POUR FORMER DES FONDATIONS**

(71) **ASPIN FOUNDATIONS LIMITED** [GB/GB]; Berkhamstead House, 121 High Street, Berkhamstead, Hertfordshire HP4 2DJ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GORDON, Clark** [GB/GB]; 34 Sunnyhill Road, Boxmoor, Hemel Hempstead, Hertfordshire HP1 1SZ (GB).

(74) **SAUNDERS & DOLLEYMORE;** 9 Rickmansworth Road, Watford, Hertfordshire WD18 0JU (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 TR TT TZ
UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ E02F 3/34, 9/24

(11) WO 03/038199 (13) A1

(21) PCT/US02/34581

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/000,847 1 Nov/nov 2001 US
(01.11.2001)

(30) 60/335,311 1 Nov/nov 2001 US
(01.11.2001)

(30) 10/044,104 11 Jan/jan 2002 US
(11.01.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LIFT ARM SUPPORT AND STOR-
AGE CONSTRUCTION FOR SMALL
LOADER

• SUPPORT DE BRAS DE LEVAGE POUR
PETITE CHARGEUSE ET CONFIGU-
RATION DE RANGEMENT

(71) CLARK EQUIPMENT COMPANY
[US/US]; 200 Chestnut Ridge Road, Wood-
cliff Lake, NJ 07675-8738 (US).

(72) BARES, Mark, F.; 8996-112th Avenue SE,
Oakes, ND 58474 (US). PAGE, James, H.;
1405 South Sinclair Street, Bottineau, ND
58318 (US).

(74) WESTMAN, Nickolas, E. et al. / etc.; West-
man, Champlin & Kelly, P.A., Suite 1600 - In-
ternational Centre, 900 Second Avenue South,
Minneapolis, MN 55402-3319 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OMPH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E02F 9/00, 9/08

(11) WO 03/038200 (13) A1

(21) PCT/EP02/11872

(22) 24 Oct/oct 2002 (24.10.2002)

(25) de (26) de

(30) 101 53 458.2 30 Oct/oct 2001 DE
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MACHINE TOOL AND METHOD FOR
OPERATING A MACHINE TOOL

• ENGIN DE TRAVAIL ET PROCEDE
POUR FAIRE FONCTIONNER UN EN-
GIN DE TRAVAIL

(71) ZF FRIEDRICHSHAFEN AG [DE/DE];
88038 Friedrichshafen (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LEGNER, Jürgen [DE/DE];

Schlosshaldenweg 23, 88048 Friedrichshafen
(DE). REBHOLZ, Wolfgang [DE/DE];
Riedleparkstrasse 32/1, 88045
Friedrichshafen (DE). BECK, Hermann
[DE/DE]; Schubertstrasse 5, 88097 Eriskirch
(DE).

(74) ZF FRIEDRICHSHAFEN AG; 88038 Frei-
driehshafen (DE).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ E04B

(11) WO 03/038201 (13) A2

(21) PCT/DE02/03987

(22) 23 Oct/oct 2002 (23.10.2002)

(25) de (26) de

(30) 101 52 850.7 25 Oct/oct 2001 DE
(25.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • STRUCTURE FOR ERECTING WALLS

• CORPS DE CONSTRUCTION DESTINE
A ERIGER DES MURS

(71, 72) HUMMEL, Emanuel [DE/DE]; Son-
nenbergstrasse 45, 78147 Vöhrenbach (DE).

(74) RACKETTE PARTNERSCHAFT
PATENTANWÄLTE; Kaiser-Joseph-
Strasse 179, Postfach 13 10, 79013 Freiburg
(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 OMPH PL PT RO RU SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG US
UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 E04B

(11) WO 03/038202 (13) A2

(21) PCT/NZ02/00237

(22) 4 Nov/nov 2002 (04.11.2002)

(25) en (26) en

(30) 515260 2 Nov/nov 2001 NZ
(02.11.2001)

(30) 518382 15 Apr/avr 2002 NZ
(15.04.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BUILDING CONSTRUCTION AND
METHOD OF MANUFACTURING
SAME

• STRUCTURE DE BATIMENT ET PRO-
CEDE DE PRODUCTION DE CETTE
DERNIERE

(71) EXPRESS BUILDING SYSTEMS LIM-
ITED [NZ/NZ]; 810 Great South Road, Pen-
rose, 1006 Auckland (NZ).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MCSAVENEY, Leonard, George

[NZ/NZ]; 21 Olena Avenue, Pakuranga,
1706 Auckland (NZ). BOARDMAN, Peter,
Ronald [NZ/NZ]; 48 Ranui Road, Remuera,
1005 Auckland (NZ). WEBB, Ross, Neilson
[NZ/NZ]; 353 McLaughlan Road, RD 4,
1241 Warkworth (NZ).

(74) BALDWIN SHELSTON WATERS; P O
Box 5999, Wellesley Street, 1000 Auckland
(NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OMPH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for all designations / pour toutes les
désignations

(51)⁷ E04B 1/34, E04H 1/04

(11) WO 03/038203 (13) A1

(21) PCT/FR02/03727

(22) 30 Oct/oct 2002 (30.10.2002)

(25) fr (26) fr

(30) 01/14101 31 Oct/oct 2001 FR
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BUILDING STRUCTURE

• STRUCTURE D'IMMEUBLE

(71, 72) SLOAN, Denis [FR/FR]; 74, rue de la
Tour, F-75016 Paris (FR).

(74) LAGET, Jean-Loup; Cabinet Loyer, 78 av-
enue Raymond Poincaré, F-75116 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OMPH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT 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 E04B 1/68, E02D 31/02

(11) WO 03/038204 (13) A1

(21) PCT/DE02/03428

(22) 23 Sep/sep 2002 (23.09.2002)

(25) de (26) de

- (30) 101 51 540.5 **23 Oct/oct 2001** DE
(23.10.2001)
- (30) 10/035,858 **31 Dec/déc 2001** US
(31.12.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • WATERPROOFING OF BUILDINGS
• ETANCHEMENT DE BATIMENTS
- (71, 72) KORN, Doris [DE/DE]; Wieterfeld 12, 37154 Northeim (DE).
- (72) KNABENSCHUH, Klaus, Walter; Wieterfeld 12, 37154 Northeim (DE).
- (74) FROHOFF, Dietmar; Elsa-Brändström-Str. 2, 33602 Bielefeld (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E04B 2/86
- (11) WO 03/038205 (13) A1
- (21) PCT/CA01/01554
- (22) 1 Nov/nov 2001 (01.11.2001)
- (25) en (26) en
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • INSULATED CONCRETE FORMWORK FOR BUILDING
• COFFRAGE ISOLE EN BETON DESTINE A UN BATIMENT
- (71, 72) MCNAMARA, Bernard [CA/CA]; 660, rue Pine, St-Lambert, Québec J4P 2P5 (CA).
- (74) LESPERANCE & MARTINEAU; 1440, Ste-Catherine St. West, office 700, Montreal, Québec H3G 1R8 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 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 E04C 2/04
- (11) WO 03/038207 (13) A1
- (21) PCT/DE02/04017
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) de (26) de
- (30) 201 17 798.6 **31 Oct/oct 2001** DE
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IN SITU MOLDED THERMAL BARRIERS
• BARRIERES THERMIQUES MOULEES IN SITU
- (71) W.R. GRACE & CO.-CONN. [US/US]; 1114 Avenue of the Americas, New York, NY 10036 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORGAN, Michael, D. [—/US]; 8 Judy Street, Billerica, MA 01821 (US). SUN, Xiudong [CN/US]; 12 Grove Street #2, Arlington, MA 02476 (US). TENNENHOUSE, Laura, A. [US/US]; 49 Raleigh Road, Lincoln, MA 01773 (US). WIERCINSKI, Robert, A. [US/US]; 29 Brooks Road, Lincoln, MA 01773 (US). DAIR, Benita [US/US]; 1319 Elm Grove Circle, Silver-spring, MD 20905 (US). ALDYKIEWICZ, Antonio, J., Jr. [US/US]; 199 Pleasant Street, Unit 3-2, Brookline, MA 02446 (US). BABLOUZIAN, Leon [US/US]; 20 Mansfield Street, Framingham, MA 01702 (US). SHAPIRO, Lawrence [US/US]; 18 Gender Lane, Mansfield, MA 02048 (US). HURLEY, William, J., Jr. [US/US]; 94 Prince Street, Needham, MA 02492 (US).
- (74) LEON, Craig, K. et al. / etc.; W.R. Grace & Co.-Conn., 62 Whittemore Avenue, Cambridge, MA 02140 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E04C 2/04
- (11) WO 03/038207 (13) A1
- (21) PCT/DE02/04017
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) de (26) de
- (30) 201 17 798.6 **31 Oct/oct 2001** DE
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • RAISED FLOORING SYSTEM
• SYSTEME DE PLANCHER SURELEVE
- (71, 72) PANTEV, Georgi, Borissov [BG/BG]; "Shandor Petofi" Str., 47, 1000 Sofia (BG).
- (74) RUSSEVA, Rumiana, Borissova; "Orlitz" Str., 31-b, entr.B, 1330 Sofia (BG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK
- (30) 09/999,307 **31 Oct/oct 2001** US
(31.10.2001)
- (30) 10/151,333 **20 May/mai 2002** US
(20.05.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SHEAR CONNECTOR FOR RECTANGULAR REINFORCED CONCRETE SANDWICH SLABS
• CLAVETTE POUR PLAQUES MULTICOUCHES EN BETON ARME RECTANGULAIRES
- (71, 72) FRISCH, Hans [DE/DE]; Oberfeldstrasse 15, 89343 Jettingen-Scheppach (DE).
- (81) HU PL.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ E04D 13/17
- (11) WO 03/038208 (13) A1
- (21) PCT/EP02/12110
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) de (26) de
- (30) 201 17 545.2 **30 Oct/oct 2001** DE
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • VENTILATION STRIP FOR ROOFS
• BANDE D'AERATION POUR TOITURES
- (71) SCHEFFLER GMBH CO. KG [DE/DE]; Kipperstrasse 25, 44147 Dortmund (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FRITZ, Gödl [CH/CH]; Stanserstrasse 28, CH-6373 Ennetbürgen (CH).
- (74) GESTHUYSEN, VON ROHR & EGGERT; Huysenalle 100, 45128 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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ E04F 15/024
- (11) WO 03/038209 (13) A1
- (21) PCT/BG02/00014
- (22) 27 Jun/juin 2002 (27.06.2002)
- (25) en (26) en
- (30) 106059 **29 Oct/oct 2001** BG
(29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SHEAR CONNECTOR FOR RECTANGULAR REINFORCED CONCRETE SANDWICH SLABS
• CLAVETTE POUR PLAQUES MULTICOUCHES EN BETON ARME RECTANGULAIRES
- (71, 72) FRISCH, Hans [DE/DE]; Oberfeldstrasse 15, 89343 Jettingen-Scheppach (DE).
- (81) HU PL.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ E04D 13/17
- (11) WO 03/038208 (13) A1
- (21) PCT/EP02/12110
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) de (26) de
- (30) 201 17 545.2 **30 Oct/oct 2001** DE
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • VENTILATION STRIP FOR ROOFS
• BANDE D'AERATION POUR TOITURES
- (71) SCHEFFLER GMBH CO. KG [DE/DE]; Kipperstrasse 25, 44147 Dortmund (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FRITZ, Gödl [CH/CH]; Stanserstrasse 28, CH-6373 Ennetbürgen (CH).
- (74) GESTHUYSEN, VON ROHR & EGGERT; Huysenalle 100, 45128 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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 : (b)
- (51)⁷ E04C
- (11) WO 03/038206 (13) A2
- (21) PCT/US02/34402
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) en (26) en
- (30) 201 17 798.6 **31 Oct/oct 2001** DE
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IN SITU MOLDED THERMAL BARRIERS
• BARRIERES THERMIQUES MOULEES IN SITU
- (71) W.R. GRACE & CO.-CONN. [US/US]; 1114 Avenue of the Americas, New York, NY 10036 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORGAN, Michael, D. [—/US]; 8 Judy Street, Billerica, MA 01821 (US). SUN, Xiudong [CN/US]; 12 Grove Street #2, Arlington, MA 02476 (US). TENNENHOUSE, Laura, A. [US/US]; 49 Raleigh Road, Lincoln, MA 01773 (US). WIERCINSKI, Robert, A. [US/US]; 29 Brooks Road, Lincoln, MA 01773 (US). DAIR, Benita [US/US]; 1319 Elm Grove Circle, Silver-spring, MD 20905 (US). ALDYKIEWICZ, Antonio, J., Jr. [US/US]; 199 Pleasant Street, Unit 3-2, Brookline, MA 02446 (US). BABLOUZIAN, Leon [US/US]; 20 Mansfield Street, Framingham, MA 01702 (US). SHAPIRO, Lawrence [US/US]; 18 Gender Lane, Mansfield, MA 02048 (US). HURLEY, William, J., Jr. [US/US]; 94 Prince Street, Needham, MA 02492 (US).
- (74) LEON, Craig, K. et al. / etc.; W.R. Grace & Co.-Conn., 62 Whittemore Avenue, Cambridge, MA 02140 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ E04C 2/04
- (11) WO 03/038207 (13) A1
- (21) PCT/DE02/04017
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) de (26) de
- (30) 201 17 798.6 **31 Oct/oct 2001** DE
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IN SITU MOLDED THERMAL BARRIERS
• BARRIERES THERMIQUES MOULEES IN SITU
- (71) W.R. GRACE & CO.-CONN. [US/US]; 1114 Avenue of the Americas, New York, NY 10036 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORGAN, Michael, D. [—/US]; 8 Judy Street, Billerica, MA 01821 (US). SUN, Xiudong [CN/US]; 12 Grove Street #2, Arlington, MA 02476 (US). TENNENHOUSE, Laura, A. [US/US]; 49 Raleigh Road, Lincoln, MA 01773 (US). WIERCINSKI, Robert, A. [US/US]; 29 Brooks Road, Lincoln, MA 01773 (US). DAIR, Benita [US/US]; 1319 Elm Grove Circle, Silver-spring, MD 20905 (US). ALDYKIEWICZ, Antonio, J., Jr. [US/US]; 199 Pleasant Street, Unit 3-2, Brookline, MA 02446 (US). BABLOUZIAN, Leon [US/US]; 20 Mansfield Street, Framingham, MA 01702 (US). SHAPIRO, Lawrence [US/US]; 18 Gender Lane, Mansfield, MA 02048 (US). HURLEY, William, J., Jr. [US/US]; 94 Prince Street, Needham, MA 02492 (US).
- (74) LEON, Craig, K. et al. / etc.; W.R. Grace & Co.-Conn., 62 Whittemore Avenue, Cambridge, MA 02140 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 E04F 15/04

(11) WO 03/038210 (13) A1

(21) PCT/FR02/03761

(22) 31 Oct/oct 2002 (31.10.2002)

(25) fr (26) fr

(30) 01/14234 2 Nov/nov 2001 FR
(02.11.2001)

(30) 01/14865 16 Nov/nov 2001 FR
(16.11.2001)

(30) 02/00987 28 Jan/jan 2002 FR
(28.01.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE FOR ASSEMBLING PANEL
EDGES
• DISPOSITIF D'ASSEMBLAGE DES
BORDS DE PANNEAUX

(71) ESPACE PRODUCTION INTERNA-
TIONAL EPI [FR/FR]; Z.I. - 1, rue de
l'Europe, F-67520 Marlenheim (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BECKER, Arnaud [FR/FR]; 5, rue de
l'Angle, F-67170 Brumath (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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT 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 E04H 4/12

(11) WO 03/038211 (13) A1

(21) PCT/FR02/03720

(22) 29 Oct/oct 2002 (29.10.2002)

(25) fr (26) fr

(30) 01/14069 30 Oct/oct 2001 FR
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FILTERING BLOCK FOR SWIMMING
POOL AND METHOD FOR MAKING
SAME

• BLOC COMPACT DE FILTRATION
POUR PISCINE ET PROCEDE DE FA-
BRICATION D'UN TEL BLOC

(71) CST [FR/FR]; Centre d'activités artisanale et
industrielle, 27 rue François Gillet, F-42400
SAINT CHAMOND (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CHIRTU, Stefan [FR/FR]; 3, rue
du Pré Rude, F-42160 ANDREZIEUX
BOUTHEON (FR).

(74) MYON, Gérard; Cabinet LAVOIX, 62 rue
de Bonnel, F-69448 Lyon Cedex 03 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04H 9/16, E04B 1/72

(11) WO 03/038212 (13) A1

(21) PCT/AU02/01544

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) PR8624 1 Nov/nov 2001 AU
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TERMITE BARRIER
• BARRIERE CONTRE LES TERMITES

(71) STARLIGHT SECURITY SYSTEMS
[AU/AU]; P.O. Box 7, Moffat Beach, QLD
4551 (AU).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HAWTHORNE, Syoney [AU/AU]; 2/32
McWraith St, Moffat Beach, QLD 4551 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW).

(51)⁷ E04H 12/22

(11) WO 03/038213 (13) A1

(21) PCT/IB02/04431

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 2001/9081 2 Nov/nov 2001 ZA
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A PROTECTOR FOR PROTECTING A
TIMBER POLE AGAINST SUB-SOIL
DECAY

• PROTECTION DE POTEAUX EN BOIS
CONTRE LE POURRISEMENT SOU-
TERRAIN

(71) BIOTRANS UK LTD [GB/GB]; "Cru-
achan", Kellas by Dundee, Dundee DD5 3PB
(GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BAECKER, Albin, Alexander, Wla-
dyslaw [GB/ZA]; 37 David McLean Drive,
3630 Westville (ZA). BEHR, Michael,
Robert [ZA/ZA]; Flat 35, 125 Florida Road,
Morningside, 4001 Durban (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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 E04H 15/20

(11) WO 03/038214 (13) A1

(21) PCT/GB02/04957

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 0126320.1 1 Nov/nov 2001 GB
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • GROUND COVER STRUCTURE
• STRUCTURE DE REVETEMENT DE
SOL

(71, 72) RICHARDSON, Julian [GB/GB]; War-
ris Cottage, Mardy, Abergavenny NP7 6LA
(GB).

(74) CAWDELL, Karen, Teresa; Urquhart-
Dykes & Lord, Three Trinity Court, 21-27
Newport Road, Cardiff CF24 0AA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E05B 19/00, A44B 15/00

(11) WO 03/038215 (13) A1

(21) PCT/GB02/04881

- (22) **30 Oct/oct 2002 (30.10.2002)**
 (25) en (26) en
 (30) 0125956.3 **30 Oct/oct 2001 GB (30.10.2001)**
 (30) 0206821.1 **22 Mar/mar 2002 GB (22.03.2002)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • TOOL FOR TURNING KEYS
 • OUTIL SERVANT A FAIRE TOURNER DES CLES
 (71, 72) **MATTHEWS, Stephen, Neil** [GB/GB]; 8 Eversley Crescent, Winchmore Hill, London N21 1EJ (GB).
 (74) **COLLINS, John, David**; Marks & Clerk, 57-60 Lincolns Inn Fields, London WC2A 3LS (GB).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **E05B 65/20**
 (11) **WO 03/038216** (13) A1
 (21) PCT/EP02/11661
 (22) **18 Oct/oct 2002 (18.10.2002)**
 (25) de (26) de
 (30) 101 53 143.5 **27 Oct/oct 2001 DE (27.10.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • HANDLE ON DOORS, HOODS OR THE LIKE, ESPECIALLY FOR VEHICLES
 • POIGNEE MONTEE SUR DES PORTES, TRAPPES OU SIMILAIRES, DESTINEE NOTAMMENT A DES VEHICULES
 (71) **HUF HÜLSBECK & FÜRST GMBH & CO. KG** [DE/DE]; Steeger Strasse 17, 42551 Velbert (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **MÖNIG, Stefan** [DE/DE]; An der Rennbahn 7, 58332 Schwelm (DE). **WITTE, Martin** [DE/DE]; Schwanenkamp 25, 48683 Ahaus (DE).
 (74) **MENTZEL, Norbert**; Kleiner Werth 34, 42275 Wuppertal (DE).
 (81) KR US.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- Declaration / Déclaration :
 (u) for / pour US only / seulement
-
- (51)⁷ **E05B 73/00**
 (11) **WO 03/038217** (13) A1
 (21) PCT/SE02/01702
 (22) **19 Sep/sep 2002 (19.09.2002)**
 (25) en (26) en
- (30) 60/336,547 **1 Nov/nov 2001 US (01.11.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • LOCKING MECHANISM
 • MECANISME DE VERROUILLAGE
 (71, 72) **JANSON, Marie-Louise** [SE/SE]; Ligustergatan 18, S-432 32 Varberg (SE).
 (74) **FASTH, Rolf et al.** / etc.; Fasth Law Offices, 189 Curtis Drive, Longview, WA 98632-5374 (US).
 (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 MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **E05D 3/06**
 (11) **WO 03/038218** (13) A1
 (21) PCT/EP02/10876
 (22) **27 Sep/sep 2002 (27.09.2002)**
 (25) de (26) de
 (30) 101 52 436.6 **30 Oct/oct 2001 DE (30.10.2001)**
 (30) 101 61 645.7 **14 Dec/déc 2001 DE (14.12.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • HINGE
 • CHARNIERE
 (71) **HUWIL-WERKE GMBH** [DE/DE]; Möbelschloss- und Beschlagfabriken, Brölstrasse 2, 53809 Ruppichterath (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HIRTSEIFER, Artur** [DE/DE]; Köbacher Strasse 52, 53819 Neunkirchen-Seelscheid (DE).
 (74) **HARWARDT, Günther et al.** / etc.; Harwardt Neumann, Brandstrasse 10, 53721 Siegburg (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declarations / Déclarations :
 (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) 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 designation / pour la désignation suivante : US
 (u) for / pour US only / seulement
-
- (51)⁷ **E05D 3/06, A47L 15/42, F24C 15/02**
 (11) **WO 03/038219** (13) A1
 (21) PCT/EP02/12317
 (22) **1 Nov/nov 2002 (01.11.2002)**
 (25) en (26) en
 (30) 0103665-6 **2 Nov/nov 2001 SE (02.11.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • HINGE STRUCTURE
 • STRUCTURE DE CHARNIERE
 (71) **ELECTROLUX HOME PRODUCTS CORPORATION N.V.** [BE/BE]; Belgicasstraat 17, B-1930 Zaventem (BE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **ANDERSSON, Ingemar** [SE/SE]; Västerkroken 39, S-591 72 Motala (SE).
 (74) **SVAHN, Göran**; AB Electrolux (publ.), Group Intellectual Property, S-105 45 Stockholm (SE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **E05F 15/00**
 (11) **WO 03/038220** (13) A1
 (21) PCT/CA02/01685
 (22) **4 Nov/nov 2002 (04.11.2002)**
 (25) en (26) en
 (30) 60/335,315 **2 Nov/nov 2001 US (02.11.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • MULTIZONE CAPACITIVE ANTI-PINCH SYSTEM
 • SYSTEME ANTI-PINCEMENT CAPACITIF MULTIZONE
 (71) **INTIER AUTOMOTIVE CLOSURES INC.** [CA/CA]; 521 Newpark Boulevard, Newmarket, Ontario L3Y 4X7 (CA).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **GIFFORD, Carl** [CA/CA]; 44 Wildwood Trail, Barrie, Ontario L4N 7Z4 (CA). **PRIBISIC, Mirko** [CA/CA]; 6 Ballymena Court, North York, Ontario M3C 2B9 (CA). **MARENTETTE, Leslie** [CA/CA]; 76 Gladman Ave, Newmarket, Ontario L3Y 1W6 (CA). **MAJEWSKI, Jan** [CA/CA]; 31 Elgin Street, Thornhill, Ontario L3T 1W5 (CA).
 (74) **IMAI, Jeffrey, T.**; Magna International Inc., 337 Magna Drive, Aurora, Ontario L4G 7K1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E05F 15/00, H01H 3/14

(11) WO 03/038221 (13) A1

(21) PCT/DE02/03480

(22) 8 Oct/oct 2002 (08.10.2002)

(25) de (26) de

(30) 101 51 556.1 23 Oct/oct 2001 DE (23.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE FOR OPENING AND CLOSING A MOBILE ELEMENT
• DISPOSITIF D'OUVERTURE ET DE FERMETURE D'UN ELEMENT MOBILE

(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) NEUBAUER, Achim [DE/DE]; Hausmattweg 9b, 76547 Sinzheim-Vornberg (DE). BOLZ, Martin-Peter [DE/FR]; Schlosshoehe 41, 77815 Buehl (DE). MOENCH, Jochen [DE/DE]; Tannenweg 58, 76547 Sinzheim (DE). HERRMANN, Falk [DE/US]; Miranda 4009, Palo Alto, CA 94304 (US).

(81) BR CN JP KR PL US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ E06B 3/54

(11) WO 03/038222 (13) A1

(21) PCT/FR02/03626

(22) 23 Oct/oct 2002 (23.10.2002)

(25) fr (26) fr

(30) 01/14700 2 Nov/nov 2001 FR (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MECHANICAL CONNECTING DEVICE FOR A SYSTEM THAT IS USED TO ATTACH ELEMENTS TO A STRUCTURE

• DISPOSITIF DE LIAISON MECANIQUE POUR SYSTEME D'ATTACHE D'ELEMENTS SUR UNE STRUCTURE

(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) NUGUE, Jean-Clément [FR/FR]; 24, rue Armand Silvestre, F-92400 Courbevoie (FR). MAUBLANC, Georges [FR/FR]; 14, rue de la Charme, F-71370 Ouroux sur Saône (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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 E06B 7/30, H04N 7/18

(11) WO 03/038223 (13) A1

(21) PCT/CA02/00131

(22) 4 Feb/fév 2002 (04.02.2002)

(25) en (26) en

(30) 2,360,512 30 Oct/oct 2001 CA (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • THE DOOR MIRROR VIEWER
• DISPOSITIF DE VISUALISATION POUR PORTE A MIROIR

(71, 72) BAHRAYNI-MOGHADDAM, Khosrow [CA/CA]; 36 Arkley Crescent, Weston, Ontario M9R 3S3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ E06B 9/06, 5/10, B64D 45/00

(11) WO 03/038224 (13) A1

(21) PCT/GB02/04920

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 0126048.8 31 Oct/oct 2001 GB (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SECURITY SYSTEM COMPRISING A BALLISTIC SCREEN

• SYSTEME DE SECURITE COMPRENANT UNE PROTECTION ANTI-PROJECTILES

(71, 72) HALL, Michael, James, Wingrave [GB/GB]; 2 Chestnut Cottages, Burton End, Stansted, Essex CM24 8UJ (GB). BAREHAM, Andrew, Paul [GB/GB]; 108 Frinton Road, Holland on Sea, Essex CO15 5UR (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 E06B 9/24, 9/42, 9/78, E04F 10/02, B60P 7/04, E04H 15/08, 15/58

(11) WO 03/038225 (13) A1

(21) PCT/NZ02/00231

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 512668 31 Oct/oct 2001 NZ (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A COVER
• DISPOSITIF DE COUVERTURE

(71, 72) ULLYETT, Gordon, Jeffrey [ZA/NZ]; 27 Noble Street, Taupo 2730 (NZ).

(74) SIMS, Anthony, William et al. / etc.; Pipers Central, P.O. Box 19-334, Hamilton (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 E06B 9/52

(11) WO 03/038226 (13) A1

(21) PCT/JP02/11215

(22) 29 Oct/oct 2002 (29.10.2002)

(25) ja (26) ja

- (30) 2001-332797 **30 Oct/oct 2001** JP
(**30.10.2001**)
- (30) 2002-239753 **20 Aug/août 2002** JP
(**20.08.2002**)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SLIDING SCREEN DOOR
• PORTE-MOUSTIQUAIRE COULIS-
SANTE
- (71) SEIKI JUKO CO., LTD. [JP/JP]; 5-27,
Toyota 3-chome, Shizuoka-shi, Shizuoka
422-8027 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) AOKI, Tadashi [JP/JP]; c/o SEIKI
JUKO CO., LTD., 5-27, Toyota 3-chome,
Shizuoka-shi, Shizuoka 422-8027 (JP).
- (74) HAYASHI, Hiroshi et al. / etc.; c/o
Hayashi International Patent Office, Daiichi
Taishotatemono Building, 9-12, Nishishin-
juku 1-chome, Shinjuku-ku, Tokyo 160-0023
(JP).
- (81) CN KR US.
- (84) EP (BE DE FR GB IT).
-
- (51)⁷ E21B
- (11) WO 03/038227 (13) A2
- (21) PCT/EP02/12070
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) de (26) de
- (30) 101 53 061.7 **30 Oct/oct 2001** DE
(**30.10.2001**)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • FILTER TRAIN FOR UNDERGROUND
COLLECTING MAINS AND METHOD
FOR INTRODUCING SAID FILTER
TRAIN INTO PREDETERMINED LAY-
ERS OF SOIL
• SYSTEME DE FILTRATION POUR
TUYAUX COLLECTEURS SOUTER-
RAINS ET PROCEDE POUR INSERER
CE SYSTEME DE FILTRATION DANS
DES COUCHES DE FOND PREDEFI-
NIÉS
- (71) TRACTO-TECHNIK GMBH [DE/DE];
Reiherstrasse 2, 57368 Lennestadt (DE).
DRILLTEC GUT GMBH [DE/DE]; In den
Teichen 2, 07751 Jena (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).
BACK, Michael [DE/DE]; Ulmenstrasse
28, 76829 Landau (DE). GÄNGER, Jörg
[DE/DE]; Ittersbacher Strasse 25, 75334
Straubenhardt (DE).
- (74) KÖNIG, Reimar et al. / etc.; Lohengrin-
strasse 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 DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 E21B
- (11) WO 03/038229 (13) A2
- (21) PCT/US02/33939
- (22) 23 Oct/oct 2002 (23.10.2002)
- (25) en (26) en
- (30) 10/076,021 **26 Oct/oct 2001** US
(**26.10.2001**)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • TOP DRIVE WELL CASING SYSTEM
AND METHOD
• SYSTEME DE TUBAGE ENTRAINE
PAR LA TABLE ET PROCEDE COR-
RESPONDANT
- (71) CANRIG DRILLING TECHNOLOGY,
LTD. [US/US]; 14703 F.M. 1488, Magnolia,
TX 77354 (US).
- (72) KUTTEL, Beat; 10 Spooner Ridge Ct.,
Spring, TX 77382 (US). YORK, Lemuel,
T.; 117 April Point South, Montgomery, TX
77356 (US). RICHARDSON, Allan, S.;
54 North Woody Brook Circle, Spring, TX
77382 (US).
- (74) FULGHUM, Roger et al. / etc.; Baker Botts
L.L.P., One Shell Plaza, 910 Louisiana, Hous-
ton, TX 77002 (US).
-
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 E21B
- (11) WO 03/038230 (13) A2
- (21) PCT/US02/34009
- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) en (26) en
- (30) 60/335,701 **26 Oct/oct 2001** US
(**26.10.2001**)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ELECTROCHEMICAL PROCESS FOR
EFFECTING REDOX-ENHANCED OIL
RECOVERY
• PROCESSUS ELECTROCHIMIQUE
FACILITANT L'EXTRACTION DE PE-
TROLE PAR PROCEDE REDOX
- (71) ELECTRO-PETROLEUM, INC.
[US/US]; 996 Old Eagle School Road,
Wayne, PA 19087 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) WITTLE, J. Kenneth. [US/US]; 1740
Conestoga Road, Chester Springs, PA 19425
(US). BELL, Christy, W. [US/US]; 2220
Grubbs Mill Road, Berwyn, PA 19312 (US).
- (74) HAGAN, Patrick, J.; Dann, Dorfman, Her-
rell and Skillman, P.C., 1601 Market Street,
Suite 720, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E21B 7/02
- (11) WO 03/038231 (13) A2
- (21) PCT/NL02/00685
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) nl (26) en
- (30) 1019248 **29 Oct/oct 2001** NL
(**29.10.2001**)
- (30) 1020870 **14 Jun/juin 2002** NL
(**14.06.2002**)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DRILLING VEHICLE AND A SAFETY
SYSTEM THEREFOR

- VEHICULE DE FORAGE ET SYSTEME DE SECURITE ASSOCIE
- (71) **COSTA DORADA INVESTMENT N.V.** [NL/NL]; Christinalaan 7, Curacao (AN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VOS, Iljan, David** [NL/NL]; Leonard Springerlaan 134, NL-7425 EA Deventer (NL).
- (74) ***T JONG, Bastiaan, Jacobus**; 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 25/16, F16D 65/22**
- (11) **WO 03/038232** (13) A1
- (21) PCT/AU02/01496
- (22) **1 Nov/nov 2002 (01.11.2002)**
- (25) en (26) en
- (30) PR 8670 **2 Nov/nov 2001 AU (02.11.2001)**
- (30) PS 0306 **1 Feb/fév 2002 AU (01.02.2002)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **ORIENTATION DEVICE FOR A CORE SAMPLE**
• **DISPOSITIF D'ORIENTATION POUR CAROTTES**
- (71) **INDUSTRIAL INNOVATIONS AND CONCEPTSPTY LTD** [AU/AU]; 19 Blaven Way, Ardross, Perth, Western Australia 6153 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MCLEOD, Gavin** [AU/AU]; 19 Blaven Way, Ardross, Western Australia 6153 (AU).
BEACH, Andrew [AU/AU]; 22 Illyarrie Crescent, Boddington, Western Australia 6390 (AU).
- (74) **MIZZI, Anthony, Paul**; Griffith Hack, Level 6, 256 Adelaide Terrace, Perth, Western Australia 6000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 31/107, 31/113, 43/30, E21F 7/00**
- (11) **WO 03/038233** (13) A1
- (21) PCT/US02/33128
- (22) **16 Oct/oct 2002 (16.10.2002)**
- (25) en (26) en
- (30) 10/004,316 **30 Oct/oct 2001 US (30.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **AN ENTRY WELL WITH SLANTED WELL BORES AND METHOD**
• **PUITS D'ENTRÉE COMPORTANT DES PUITTS DE FORAGE INCLINÉS ET PROCÉDÉ ASSOCIÉ**
- (71) **CDX GAS, L.L.C.** [US/US]; Suite 280, 5485 Beltline Road, Dallas, TX 75240-7656 (US).
- (72) **ZUPANICK, Joseph, A.**; P.O. Box 1797, Pineville, WV 24874 (US).
- (74) **STALFORD, Terry, J.**; Baker Botts L.L.P., 2001 Ross Avenue, Suite 600, Dallas, TX 75201-2980 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(t) for all designations / pour toutes les désignations
-
- (51)⁷ **E21B 33/12, 33/124, 33/13, 34/10, 43/14**
- (11) **WO 03/038234** (13) A1
- (21) PCT/FR02/03563
- (22) **17 Oct/oct 2002 (17.10.2002)**
- (25) fr (26) fr
- (30) 01/14065 **30 Oct/oct 2001 FR (30.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **COMPLETION DEVICE FOR AN INSTALLATION THAT IS USED TO EXPLOIT UNDERGROUND FLUIDS**
• **DISPOSITIF DE COMPLETION D'UNE INSTALLATION D'EXPLOITATION DE FLUIDES SOUTERRAINS**
- (71) **GEOSERVICES** [FR/FR]; 7, rue Newton, Z.I. du Coudray, F-93150 Le Blanc-Mesnil (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HELDERLE, Paul** [FR/FR]; 26, rue des Fusées, F-77390 Champdeuil (FR).
MILLET, François [FR/FR]; 65, rue Camille Desmoulins, F-94230 Cachan (FR).
GIRARDI, François [FR/FR]; 20, cours des Mésanges, F-95240 Corneilles en Parisis (FR).
- (74) **HABASQUE, Etienne et al. / etc.**; Cabinet Lavoix, 2, place d'Estienne d'Orves, F-75441 Paris Cedex 09 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **E21B 33/128, 33/12**
- (11) **WO 03/038235** (13) A1
- (21) PCT/US02/34779
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) en (26) en
- (30) 60/339,030 **30 Oct/oct 2001 US (30.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **DEFLATION LATCH SYSTEM FOR PACKERS**
• **SYSTEME DE VERROUILLAGE PAR DEGONFLAGE POUR PACKERS**
- (71) **BAKERS HUGHES INCORPORATED** [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).
- (72) **DOLYNIUK, David, Alan**; 15926 Heron Trail, Tomball, TX 77375 (US).
ARNOLD, George, S.; 4706 Kingfisher Drive, Houston, TX 77035 (US).
- (74) **CARSON, Matt, W.**; Baker Oil Tools, Legal Dept., 9100 Emmott Road, Houston, TX 77040 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **E21B 34/16, F15B 19/00, E21B 34/10, 44/00**
- (11) **WO 03/038236** (13) A1
- (21) PCT/US02/34778
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) en (26) en
- (30) 60/340,948 **30 Oct/oct 2001 US (30.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **METHOD AND SYSTEM FOR CONTROLLING A DOWNHOLE FLOW CONTROL DEVICE USING DERIVED FEEDBACK CONTROL**

- PROCEDE ET SYSTEME DE COMMANDE D'UN DISPOSITIF DE REGULATION DE L'ECOULEMENT EN Puits PAR COMMANDE EN CIRCUIT FERME DERIVE
- (71) **BAKER HUGHES INCORPORATED** [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).
- (72) **BUSSEAR, Terry, R.**; 3422 Ashmere Cove, Round Rock, TX 78681 (US). **GOING, Walter, S., III**; 8717 Cedarspur, Houston, TX 77055 (US). **SCHNEIDER, David, E.**; 28259 Nancy Lane, Conroe, TX 77385 (US). **NORRIS, Michael, W.**; 12602 Scouts Lane, Cypress, TX 77429 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ E21B 43/10

(11) WO 03/038237 (13) A1

(21) PCT/GB02/04898

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 10/003,578 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • EXPANDABLE TUBULAR HAVING IMPROVED POLISHED BORE RECEPTACLE PROTECTION
- TUBULAIRE EXTENSIBLE DOTE D'UNE PROTECTION DE CONTENANT A ALESAGE POLI AMELIORE

(71) **WEATHERFORD/LAMB, INC.** [US/US]; 515 Post Oak Blvd, Suite 600, Houston, TX 77027 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIMPSON, Neil, Andrew, Abercrombie** [GB/GB]; Burn of Daff Farm, Downies, Portlethen, Aberdeen, Grampian AB12 4BX (GB). **MAGUIRE, Patrick, G.** [CA/US]; 16234 Cumberland Trail, Cypress, TX 77420 (US). **COON, Robert, Joe** [US/US]; 4603 Misty Hollow Drive, Missouri City, TX 77459 (US). **LAURITZEN, J., Eric** [US/US]; 1607 Stoney Park Drive, Kingwood, TX 77339 (US). **TRAN, Khai** [US/US]; 3206 Three Sisters Circle, Pearland, TX 77581 (US). **MACKAY, Alexander, Craig** [GB/GB]; 13 Skene Square, Aberdeen, Aberdeenshire AB25 2UU (GB).

(74) **HARDING, Richard et al.** / etc.; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford, Oxfordshire OX4 2RU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F01D

(11) WO 03/038238 (13) A2

(21) PCT/US02/35199

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/339,725 1 Nov/nov 2001 US (01.11.2001)

(30) 10/062,638 31 Jan/jan 2002 US (31.01.2002)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • TURBINE COMPONENT INSPECTION SYSTEM
- SYSTEME D'INSPECTION DE CONSTITUANTS DE TURBINE

(71) **COMPUTERIZED THERMAL IMAGING, INC.** [US/US]; Two Centerpoint Drive, Suite 450, Lake Oswego, OR 97035 (US).

(72) **DALIO, Brian, A.**; PMB 505, 16869 SW 65th Avenue, Lake Oswego, OR 97035-7865 (US). **BALES, Maurice, J.**; 10 Middle Road, Lafayette, CA 94549-3353 (US). **VLADIMIROV, Dmitry, S.**; 4146 Callan Boulevard, Daly City, CA 94015 (US).

(74) **CHANG, Robert, H. et al.** / etc.; Schwabe Williamson & Wyatt, P.C., 10260 SW Greenburg Road, Suite 820, Portland, OR 97223 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ F01D 5/30, F03D 11/04, B64C 11/04

(11) WO 03/038239 (13) A1

(21) PCT/SE02/01877

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) 0103609-4 31 Oct/oct 2001 SE (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • DEVICE AND METHOD FOR ROTOR BLADES

- DISPOSITIF ET PROCEDE POUR PALES DE ROTOR

(71) **SAAB AB** [SE/SE]; S-581 88 Linköping (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KROGAGER, Max** [SE/SE]; Nya Tanneforsvägen 88, S-530 83 Linköping (SE). **VAARA, Jan** [SE/SE]; Klockartorpsvägen 38, S-582 75 Linköping (SE).

(74) **SAAB AB**; Saab Aerospace, Margareta Ydreskog, Technology Strategy and IPR, S-581 88 Linköping (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 ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ F01D 5/32

(11) WO 03/038240 (13) A1

(21) PCT/CH02/00581

(22) 25 Oct/oct 2002 (25.10.2002)

(25) de (26) de

(30) 01811054.4 29 Oct/oct 2001 EP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • SECURING DEVICE FOR THE MOVING BLADES OF AXIAL FLOW TURBOMACHINES

- DISPOSITIF D'ARRET POUR DES AUBES MOBILES DE TURBOMACHINES A ECOULEMENT AXIAL

(71) **ABB TURBO SYSTEMS AG** [CH/CH]; Bruggerstrasse 71a, CH-5400 Baden (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BÄTTIG, Josef** [CH/CH]; Häbnistrasse 177, CH-5704 Egliswil (CH).

(74) **ABB SCHWEIZ AG**; Intellectual Property (CH-LC/IP), Brown Boveri Strasse 6, CH-5400 Baden (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F01D 21/04

(11) WO 03/038241 (13) A1

(21) PCT/FR02/03644

(22) 24 Oct/oct 2002 (24.10.2002)

(25) fr (26) fr

(30) 01/14099 31 Oct/oct 2001 FR (31.10.2001)

(30) 02/03150 14 Mar/mar 2002 FR (14.03.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BREAKABLE COUPLING SYSTEM FOR A TURBOJET FAN SHAFT

• SYSTEME DECOUPLEUR POUR L'ARBRE D'UNE SOUFFLANTE DE TURBOREACTEUR

(71) **SNECMA MOTEURS** [FR/FR]; 2, boulevard du Général Martial Valin, F-75015 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOUCHY, Gaël** [FR/FR]; 4, Faubourg de Pécy, F-77540 La Chapelle Iger (FR). **HEURTEL, Bertrand, Jean-Joseph, Marie** [FR/FR]; 12, rue de l'Arc, F-77240 Vert Saint-Denis (FR). **MASSON, Eric, Jean** [FR/FR]; 3, petite rue Saint-Louis, F-77820 Le Chatelet en Brie (FR). **RAKOTODRAINIBE, Bien-Aimé** [FR/FR]; 133, chemin du Marche Pied, F-77630 Arbonne la Forêt (FR). **PANDELAKIS, Pierre** [FR/FR]; 19, rue de la Rochette - Bât. 1, F-77000 Melun (FR). **MARTIN, Daniel** [FR/FR]; 11, rond point de la Garene, F-77720 Bombon (FR). **MOREL, Patrick** [FR/FR]; 47, rue du Port, F-77590 Chartrettes (FR). **SOUYEAX, Henry** [FR/FR]; 1, rue Jules Ferry, F-91330 Yerres (FR).

(74) **BERROU, Paul**; Snecma Moteurs, Département des Brevets, Boîte Postale 81, F-91003 Evry Cedex (FR).

(81) CA CN RU US.

(51)⁷ F01D 25/12, 25/26

(11) WO 03/038242 (13) A1

(21) PCT/IB02/04289

(22) 17 Oct/oct 2002 (17.10.2002)

(25) de (26) de

(30) 1990/01 30 Oct/oct 2001 CH (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TURBINE UNIT

• TURBOMACHINE

(71) **ALSTOM (SWITZERLAND) LTD** [CH/CH]; Brown Boveri Strasse 7, CH-5401 Baden (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DITTMANN, Rolf** [DE/CH]; Landstrasse 117, CH-5415 Nussbaumen (CH). **HURTER, Jonas** [CH/CH]; Landstrasse 7, CH-5415 Rieden (CH). **MARMILIC, Robert** [HR/CH]; Kirchweg 55, CH-5415 Nussbaumen (CH). **MEYLAN, Pierre** [CH/CH]; Hauptstrasse 203, CH-2532 Magglingen/Macolin (CH). **PAULI, Ernst** [DE/CH]; Restelbergstrasse 103, CH-8044 Zürich (CH).

(74) **ALSTOM (SWITZERLAND) LTD**; CHSP Intellectual Property, Brown Boveri Str. 7/699/5, CH-5401 Baden (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01D 25/26, 25/12

(11) WO 03/038243 (13) A1

(21) PCT/IB02/02884

(22) 22 Jul/juil 2002 (22.07.2002)

(25) de (26) de

(30) 1989/01 30 Oct/oct 2001 CH (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TURBINE UNIT

• TURBOMACHINE

(71) **ALSTOM (SWITZERLAND) LTD** [CH/CH]; Brown Boveri Strasse 7, CH-5401 Baden (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DITTMANN, Rolf** [DE/CH]; Landstrasse 117, CH-5415 Nussbaumen (CH). **HURTER, Jonas** [CH/CH]; Landstrasse 7, CH-5415 Rieden (CH). **MARMILIC, Robert** [HR/CH]; Kirchweg 55, CH-5415 Nussbaumen (CH). **MEYLAN, Pierre** [CH/CH]; Hauptstrasse 203, CH-2532 Magglingen (CH). **PAULI, Ernst** [DE/CH]; Restelbergstrasse 103, CH-8044 Zürich (CH).

(74) **ALSTOM (SWITZERLAND) LTD**; CHSP Intellectual Property, Brown Boveri Str. 7/699/5, CH-5401 Baden (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F01K 23/10, F02C 7/18

(11) WO 03/038244 (13) A1

(21) PCT/IB02/04522

(22) 30 Oct/oct 2002 (30.10.2002)

(25) de (26) de

(30) 2015/01 2 Nov/nov 2001 CH (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • GAS TURBINE GROUP

• ENSEMBLE TURBINE A GAZ

(71) **ALSTOM (SWITZERLAND) LTD** [CH/CH]; Brown Boveri Strasse 7, CH-5401 Baden (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DITTMANN, Rolf** [DE/CH]; Landstrasse 117, CH-5415 Nussbaumen (CH). **HOFFMANN, Jürgen** [DE/CH]; Boldstrasse 19, CH-5415 Rieden (CH). **ROFKA, Stefan** [DE/CH]; Oberdorfstrasse 8, CH-5415 Nussbaumen (CH). **WÄLCHLI, René** [CH/CH]; Erlinsbacherstrasse 7, CH-5013 Niedergösgen (CH).

(74) **ALSTOM (SWITZERLAND) LTD**; CHSP Intellectual Property, Brown Boveri Str. 7/699/5, CH-5401 Baden (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01L 9/02

(11) WO 03/038245 (13) A1

(21) PCT/DE02/02630

(22) 18 Jul/juil 2002 (18.07.2002)

(25) de (26) de

(30) 101 52 503.6 24 Oct/oct 2001 DE (24.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE FOR CONTROLLING GAS EXCHANGE VALVES

• DISPOSITIF DE COMMANDE DE SOU-PAPES DE CHANGEMENT DES GAZ

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DIEHL, Udo** [DE/DE]; Alte Stuttgarter Strasse 115, 70195 Stuttgart (DE). **ROSENAU, Bernd** [DE/DE]; Ulmer Strasse 1,

- 71732 Tamm (DE). **KIESER, Simon** [DE/DE]; Metterstrasse 47, 74343 Sachsenheim (DE).
- (81) JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ F01L 9/02
- (11) WO 03/038246 (13) A2
- (21) PCT/DE02/02791
- (22) 30 Jul/juil 2002 (30.07.2002)
- (25) de (26) de
- (30) 101 51 773.4 19 Oct/oct 2001 DE (19.10.2001)
- (30) 102 28 702.3 27 Jun/juin 2002 DE (27.06.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • HYDRAULIC ACTUATOR FOR A GAS EXCHANGE VALVE
• ACTIONNEUR HYDRAULIQUE POUR SOUPAPE A DEUX VOIES A GAZ
- (71) ROBERT BOSCH GMBH [DE/DE]; Postfach 20 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DIEHL, Udo [DE/DE]; Alte Stuttgarter Str. 115, 70195 Stuttgart (DE). MISCHKER, Karsten [DE/DE]; Erwin-Schöttle-Str. 22, 71229 Leonberg (DE). HAMMER, Uwe [DE/DE]; Münchingerstr. 10, 71282 Hemmingen (DE). BEUCHE, Volker [DE/DE]; Wiesbadener Str. 37, 70372 Stuttgart (DE). LANG, Peter [DE/DE]; Bachstrasse 23, 71287 Weissach (DE). REIMER, Stefan [DE/DE]; Lembergerweg 2, 71706 Markgröningen (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ F01N 3/022, 3/023, 3/027, 3/035, 3/037, 3/28
- (11) WO 03/038247 (13) A1
- (21) PCT/EP02/11677
- (22) 18 Oct/oct 2002 (18.10.2002)
- (25) de (26) de
- (30) 201 17 659.9 29 Oct/oct 2001 DE (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • OPEN PARTICULATE FILTER COMPRISING A HEATING ELEMENT
• FILTRE PARTICULAIRE OUVERT MUNI D'UN ELEMENT CHAUFFANT
- (71) EMITEC GESELLSCHAFT FÜR EMISIONSTECHNOLOGIE MBH [DE/DE]; Hauptstrasse 150, 53797 Lohmar (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TREIBER, Peter [DE/DE]; Haferbuckel 22, 40789 Monheim (DE).
- (74) KAHLHÖFER, Hermann; Kahlhöfer Neumann Herzog Fiesser, Karlstrasse 76, 40210 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ F01P 1/02
- (11) WO 03/038249 (13) A1
- (21) PCT/JP02/09423
- (22) 13 Sep/sep 2002 (13.09.2002)
- (25) ja (26) ja
- (30) 2001-333830 31 Oct/oct 2001 JP (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • INTERNAL COMBUSTION ENGINE FOR MOTORCYCLE
• MOTEUR A COMBUSTION INTERNE POUR MOTO
- (71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
- (72) FUNAYAMA, Yoshihiro; c/o KABUSHIKI KAISHA HONDA GIJUTSU
- KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). OTSUBO, Mamoru; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). SAWAMURA, Yoshinobu; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). AKUTSU, Toshiharu; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).
- (74) EHARA, Nozomu et al. / etc.; EHARA & ASSOCIATES, Sakaguchi Bldg., 3-3, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) BR ID IN KR PH VN.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (b)
-
- (51)⁷ F01P 3/02, F02F 1/36
- (11) WO 03/038250 (13) A1
- (21) PCT/JP02/11012
- (22) 23 Oct/oct 2002 (23.10.2002)
- (25) ja (26) ja
- (30) 2001-337534 2 Nov/nov 2001 JP (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • INTERNAL COMBUSTION ENGINE
• MOTEUR A COMBUSTION INTERNE
- (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) BABA, Atsushi [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). SHINOHARA, Masashi [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).
- (74) OCHIAI, Takeshi et al. / etc.; TO Building, 6-3, Taito 2-chome, Taito-ku, Tokyo 110-0016 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ F01P 11/16, F02B 77/08, F02F 11/00, F16J 15/06
- (11) WO 03/038251 (13) A1
- (21) PCT/DE02/03517
- (22) 19 Sep/sep 2002 (19.09.2002)
- (25) de (26) de
- (30) 101 53 486.8 22 Oct/oct 2001 DE (22.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD, COMPUTER PROGRAM AND CONTROL AND/OR REGULATION DEVICE, FOR OPERATING AN INTERNAL COMBUSTION ENGINE,

- AS WELL AS AN INTERNAL COMBUSTION ENGINE
- PROCEDE, PROGRAMME INFORMATIQUE ET APPAREIL DE COMMANDE ET/OU DE REGULATION, SERVANT AU FONCTIONNEMENT D'UN MOTEUR A COMBUSTION INTERNE, ET 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) **SCHMITT, Manfred** [DE/DE]; Billackerweg 8, 64646 Heppenheim (DE). **GERUNDT, Oliver** [DE/DE]; Dornröscheweg 22, 70567 Stuttgart (DE). **WINDISCH, Herbert** [DE/DE]; Hohenmölsener Strasse 12, 74177 Bad Friedrichshall (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F02B 21/00, 27/00, 27/04, 29/00, 33/44**
- (11) **WO 03/038252** (13) A1
- (21) PCT/AU02/01471
- (22) **29 Oct/oct 2002 (29.10.2002)**
- (25) en (26) en
- (30) PR 8534 **29 Oct/oct 2001 (29.10.2001)** AU
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • INTERNAL COMBUSTION ENGINE WITH HARMONIC SYNCHRONISER SYSTEM
- MOTEUR A COMBUSTION INTERNE A SYSTEME DE SYNCHRONISATION HARMONIQUE
- (71, 72) **ARNOLD, Phillip, John** [AU/AU]; PO Box 319, Ulverstone, TAS 7315 (AU).
- (74) **TATLOCK, Alfred**; A Tatlock & Associates, 28 Drummond Street, P.O. Box 155, Carlton South, VIC 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F02C 6/00**
- (11) **WO 03/038253** (13) A1
- (21) PCT/IB02/04457
- (22) **28 Oct/oct 2002 (28.10.2002)**
- (25) de (26) de
- (30) 1997/01 **31 Oct/oct 2001 (31.10.2001)** CH
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SEQUENTIALLY-FIRED GAS TURBINE UNIT
- UNITE DE TURBINES A GAZ ALLUMÉES DE FAÇON SEQUENTIELLE
- (71) **ALSTOM (SWITZERLAND) LTD** [CH/CH]; Brown Boveri Strasse 7, CH-5401 Baden (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRUNNER, Philipp** [CH/CH]; Wasserfluhweg 3, CH-5502 Hunzenschwil (CH). **GRAF, Peter** [DE/DE]; Am Rhein 3/B, 79790 Küssaberg (DE). **HÄHNLE, Hartmut** [DE/DE]; Sonnenrain 2A, 79790 Küssaberg (DE). **KNORR, Manfred** [DE/DE]; Hermann-Kessler-Weg 7, 79761 Waldshut-Tiengen (DE). **MARMILIC, Robert** [HR/CH]; Kirchweg 55, CH-5415 Nussbaumen (CH). **MÜLLER, Peter, Paul** [CH/CH]; Brunnenwisstrasse 13, CH-8115 Hüttikon (CH). **RUFLI, Peter** [CH/CH]; Grabenackerstrasse 8a, CH-5442 Fislisbach (CH). **SKULICZ, Andrew** [GB/CH]; Sonnenbergstrasse 4, CH-5408 Ennetbaden (CH). **TSCHIRREN, Stefan** [CH/CH]; Säspelstrasse 33, CH-4208 Nunningen (CH). **WUNDERLE, Helmar** [DE/DE]; Ziegelmatweg 4, 79761 Waldshut-Tiengen (DE).
- (74) **ALSTOM (SWITZERLAND) LTD**; CHSP Intellectual Property, Brown Boveri Str. 7/699/5, CH-5401 Baden (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F02C 7/18, F01D 5/08**
- (11) **WO 03/038254** (13) A1
- (21) PCT/CA02/01574
- (22) **18 Oct/oct 2002 (18.10.2002)**
- (25) en (26) en
- (30) 10/000,403 **31 Oct/oct 2001 (31.10.2001)** US
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • TURBINE ENGINE WITH AIR COOLED TURBINE
- MOTEUR A TURBINE DOTE D'UNE TURBINE A REFROIDISSEMENT PAR AIR
- (71) **PRATT & WHITNEY CANADA CORP.** [CA/CA]; c/o Todd D. Bailey, Legal Services (01BE5), 1000 Marie Victorin, Longueuil, Québec J4G 1A1 (CA).
- (72) **LIU, Xiaoliu**; 2588 Credit Valley Road, Mississauga, Ontario V9K 1E4 (CA).
- (74) **BAILEY, Todd, D.**; Pratt & Whitney Canada Corp., Legal Dept. (01BE5), 1000 Marie Victorin, Longueuil, Québec J4G 1A1 (CA).
- (81) CA JP RU.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ **F02C 7/18, F01K 23/10, F02C 7/143**
- (11) **WO 03/038255** (13) A1
- (21) PCT/IB02/04520
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) de (26) de
- (30) 2001 2014/01 **2 Nov/nov 2001 (02.11.2001)** CH
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR CONTROLLING THE COOLING AIR MASS FLOWS OF A GAS TURBINE GROUP
- PROCEDE DE REGULATION DES DEBITS MASSIQUES D'AIR DE REFROIDISSEMENT D'UN ENSEMBLE TURBINE A GAZ
- (71) **ALSTOM (SWITZERLAND) LTD** [CH/CH]; Brown Boveri Strasse 7, CH-5401 Baden (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOFFMANN, Jürgen** [DE/CH]; Boldstrasse 19, CH-5415 Rieden (CH). **ROFKA, Stefan** [DE/CH]; Oberdorfsstrasse 8, CH-5415 Nussbaumen (CH). **WÄLCHLI, René** [CH/CH]; Erlinsbacherstrasse 7, CH-5013 Niedergösgen (CH).
- (74) **ALSTOM (SWITZERLAND) LTD**; CHSP Intellectual Property, Brown Boveri Str. 7/699/5, CH-5401 Baden (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F02C 7/18, F01K 23/10**
- (11) **WO 03/038256** (13) A1
- (21) PCT/IB02/04538
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) de (26) de
- (30) 2016/01 **2 Nov/nov 2001 (02.11.2001)** CH
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • GAS TURBINE GROUP
- GROUPE A TURBINE A GAZ
- (71) **ALSTOM (SWITZERLAND) LTD** [CH/CH]; Brown Boveri Strasse 7, CH-5401 Baden (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DITTMANN, Rolf** [DE/CH]; Landstrasse 117, CH-5415 Nussbaumen (CH). **HOFFMANN, Jürgen** [DE/CH]; Boldstrasse 19, CH-5415 Rieden (CH). **ROFKA, Stefan** [DE/CH]; Oberdorfstrasse 8, CH-5415 Nussbaumen (CH). **WÄLCHLI, René** [CH/CH]; Erlinsbacherstrasse 7, CH-5013 Niedergösgen (CH).

(74) **ALSTOM (SWITZERLAND) LTD**; CHSP Intellectual Property, Brown Boveri Str. 7/699/5, CH-5401 Baden (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F02D 11/10, H02H 9/00**

(11) **WO 03/038257** (13) A1

(21) PCT/DE02/02694

(22) **23 Jul/juil 2002 (23.07.2002)**

(25) de (26) de

(30) 101 52 252.5 **20 Oct/oct 2001 DE (20.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE FOR PROTECTING AN ELECTRONIC CIRCUIT

• DISPOSITIF DE PROTECTION D'UN CIRCUIT ELECTRONIQUE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WIZEMANN, Thomas** [DE/DE]; Heimengasse 19, 71642 Ludwigsburg (DE). **JOSTEN, Stefan** [DE/DE]; Piepesberg 2 a, 42897 Remscheid (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ **F02D 19/12**

(11) **WO 03/038258** (13) A1

(21) PCT/FR02/03732

(22) **30 Oct/oct 2002 (30.10.2002)**

(25) fr (26) fr

(30) 01/14028 **30 Oct/oct 2001 FR (30.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR DIRECT INJECTION OF ADDITIVE FOR INTERNAL COMBUSTION ENGINE FUEL

• PROCEDE D'INJECTION DIRECTE D'ADDITIF POUR CARBURANT DE MOTEUR A COMBUSTION INTERNE

(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) **ARCHIMBAUD, Marie-Laure** [FR/FR]; 154, avenue Parmentier, F-75010 Paris (FR). **BAUX, Antoine** [FR/FR]; 18, rue Tiphaine, F-75015 Paris (FR).

(74) **CEMELI, Eric**; Renault Technocentre, SCE 0267 TCR AVA 0 56, 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 IE IT LU MC NL PT SE SK TR).

(51)⁷ **F02D 41/00, 41/14, F02M 25/08**

(11) **WO 03/038259** (13) A1

(21) PCT/US02/32349

(22) **10 Oct/oct 2002 (10.10.2002)**

(25) en (26) en

(30) 10/003.980 **31 Oct/oct 2001 US (31.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEM AND METHOD FOR PREDICTING QUANTITY OF INJECTED FUEL AND ADAPTATION TO ENGINE CONTROL SYSTEM

• SYSTEME ET PROCEDE DE CALCUL DE QUANTITE DE CARBURANT INJECTE ET ADAPTATION A UN SYSTEME DE REGULATION MOTEUR

(71) **INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, LLC.** [US/US]; P.O. Box 1488, 4201 Winfield Road, Warrenville, IL 60555 (US).

(72) **MOLIN, Chad**; 551 E. Seegers Rd., Unit 111, Arlington Heights, IL 60005 (US).

(74) **SULLIVAN, Dennis, Kelly et al.** / etc.; International Truck and Engine Corporation, P.O. Box 1488, 4201 Winfield Road, Warrenville, IL 60555 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ **F02D 41/38, 41/40**

(11) **WO 03/038260** (13) A1

(21) PCT/DE02/03452

(22) **14 Sep/sep 2002 (14.09.2002)**

(25) de (26) de

(30) 101 51 513.8 **18 Oct/oct 2001 DE (18.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD, COMPUTER PROGRAM, CONTROL AND REGULATING APPLIANCE FOR OPERATING AN INTERNAL COMBUSTION ENGINE, AND INTERNAL COMBUSTION ENGINE

• PROCEDE, PROGRAMME INFORMATIQUE, APPAREIL DE COMMANDE ET DE REGULATION POUR FAIRE FONCTIONNER UN MOTEUR A COMBUSTION INTERNE ET MOTEUR A COMBUSTION INTERNE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOOS, Klaus** [DE/DE]; In der Eichhaelde 3, 74399 Walheim (DE). **WOLBER, Jens** [DE/DE]; Pappelweg 6, 70839 Gerlingen (DE). **FRENZ, Thomas** [DE/DE]; Beuthener Strasse 5, 86720 Noerdlingen (DE). **AMLER, Markus** [DE/DE]; Am Schlauchengraben 23, 71229 Leonberg-Gebersheim (DE). **HINN, Karsten** [DE/DE]; Grabenstr. 58, 35396 Giessen (DE).

(81) JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ **F02D 45/00, 9/10**

(11) **WO 03/038261** (13) A1

(21) PCT/JP02/10945

(22) **22 Oct/oct 2002 (22.10.2002)**

(25) ja (26) ja

(30) 2001-331529 **29 Oct/oct 2001 JP (29.10.2001)**

(30) 2001-335479 **31 Oct/oct 2001 JP (31.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • ENGINE CONTROL DEVICE

• DISPOSITIF DE COMMANDE DE MOTEUR

(71) **YAMAHA HATSUDOKI KABUSHIKI KAISHA** [JP/JP]; 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAKAMURA, Michihisa** [JP/JP]; c/o Yamaha Hatsudoki Kabushiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).

(74) **MORI, Tetsuya et al.** / etc.; Nichiei Kokusai Tokkyo Jimusho, Yusen Iwamotocho Bldg. 8th Floor, 3-3, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 101-0032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F02D 45/00

(11) WO 03/038262 (13) A1

(21) PCT/JP02/10946

(22) 22 Oct/oct 2002 (22.10.2002)

(25) ja (26) ja

(30) 2001-335477 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ATMOSPHERIC PRESSURE DETECTION DEVICE OF FOUR-STROKE ENGINE AND METHOD OF DETECTING ATMOSPHERIC PRESSURE

• DISPOSITIF DE DETECTION DE PRESSION ATMOSPHERIQUE D'UN MOTEUR A QUATRE TEMPS ET PROCEDE DE DETECTION DE PRESSION ATMOSPHERIQUE

(71) YAMAHA HATSUDOKI KABUSHIKI KAISHA [JP/JP]; 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAWADA, Yuuichirou [JP/JP]; c/o Yamaha Hatsudoki Kabushiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP). TAKAHASHI, Michiyasu [JP/JP]; c/o Yamaha Hatsudoki Kabushiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).

(74) MORI, Tetsuya et al. / etc.; Nichiei Kokusai Tokkyo Jimusho, Yusen Iwamotocho Bldg. 8th Floor, 3-3, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 101-0032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F02D 45/00

(11) WO 03/038263 (13) A1

(21) PCT/JP02/10949

(22) 22 Oct/oct 2002 (22.10.2002)

(25) ja (26) ja

(30) 2001/331530 29 Oct/oct 2001 JP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ENGINE CONTROL DEVICE

• DISPOSITIF DE COMMANDE DE MOTEUR

(71) YAMAHA HATSUDOKI KABUSHIKI KAISHA [JP/JP]; 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAMURA, Michihisa [JP/JP]; c/o Yamaha Hatsudoki Kabushiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP). SAWADA, Yuuichirou [JP/JP]; c/o Yamaha Hatsudoki Kabushiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).

(74) MORI, Tetsuya et al. / etc.; Nichiei Kokusai Tokkyo Jimusho, Yusen Iwamotocho Bldg. 8th Floor, 3-3, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 101-0032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F02M 25/07, 31/08, 67/02, 69/08, F02B 47/08

(11) WO 03/038264 (13) A1

(21) PCT/AU02/01434

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) PR 8545 30 Oct/oct 2001 AU (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND MEANS FOR INJECTING FUEL

• PROCEDE ET MOYENS D'INJECTION DE COMBUSTIBLE

(71, 72) CASEY, Alan, Patrick [AU/AU]; 1 Otiose Court, Tallai, Queensland 4213 (AU).

(74) SCHILLING, Frederick, Lyle; DAVIES COLLISION CAVE, Level 10, 10 Barrack Street, Sydney, New South Wales 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02M 37/04, F02D 41/00

(11) WO 03/038265 (13) A1

(21) PCT/US02/32427

(22) 10 Oct/oct 2002 (10.10.2002)

(25) en (26) en

(30) 10/039,387 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEM AND METHOD FOR CALIBRATING FUEL INJECTORS

• SYSTEME ET PROCEDE PERMETTANT DE CALIBRER DES INJECTEURS DE CARBURANT

(71) INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, LLC. [US/US]; P.O. Box 1488, 4201 Winfield Road, Warrenville, IL 60555 (US).

(72) MOLIN, Chad; 551 E. Seegers Rd., Unit 111, Arlington Heights, IL 60005 (US).

(74) SULLIVAN, Dennis, Kelly et al. / etc.; International Truck and Engine Corporation, P.O. Box 1488, 4201 Winfield Road, Warrenville, IL 60555 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ F02M 47/02, 61/16, 61/10

(11) WO 03/038266 (13) A1

(21) PCT/DE02/03701

(22) 30 Sep/sep 2002 (30.09.2002)

(25) de (26) de

(30) 101 52 253.3 20 Oct/oct 2001 DE (20.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LIQUID FLOW RATE CONTROL VALVE

• SOUPAPE DE COMMANDE DE DEBIT DE LIQUIDES

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASSEL, Werner [DE/DE]; Heusch 18, 95359 Kasendorf (DE). POSTLER, Christian [DE/DE]; Hauptstrasse 28, 96169 Lauter (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ F02M 55/00, 69/46, 61/14

(11) WO 03/038267 (13) A1

(21) PCT/DE02/03715

(22) 1 Oct/oct 2002 (01.10.2002)

(25) de (26) de

(30) 101 52 421.8 24 Oct/oct 2001 DE
(24.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FIXING DEVICE
• DISPOSITIF DE FIXATION(71) ROBERT BOSCH GMBH [DE/DE]; Post-
fach 30 02 20, 70442 Stuttgart (DE).
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les États désignés sauf US)(72, 75) BERGER, Werner [DE/DE];
Trollingerweg 4, 71706 Markgroeningen
(DE). MUELLER, Martin [DE/DE];
Friedrichstrasse 24, 71696 Moeglingen (DE).
GLASER, Andreas [DE/DE]; Wildunger
Strasse 60, 70372 Stuttgart (DE). HOANG,
Anh, Tuan [VN/DE]; Lindenstrasse 52,
71732 Tamm (DE). BUEHNER, Martin
[DE/DE]; Stresemannstrasse 33, 71522 Back-
nang (DE). OLIVIER, Cedric [FR/DE];
Rosenstr. 36/1, 71640 Ludwigsburg (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ F02M 55/02

(11) WO 03/038268 (13) A1

(21) PCT/DE02/03045

(22) 21 Aug/août 2002 (21.08.2002)

(25) de (26) de

(30) 101 52 231.2 20 Oct/oct 2001 DE
(20.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HIGH-PRESSURE ACCUMULATOR AS
A HIGH-PRESSURE FUEL ACCUMU-
LATOR• ACCUMULATEUR HAUTE PRESSION
COMME ACCUMULATEUR DE CAR-
BURANT HAUTE PRESSION(71) ROBERT BOSCH GMBH [DE/DE]; Post-
fach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous
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Haidacker 9, 71672 Marbach-Rielingshausen
(DE).

(81) IN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).(51)⁷ F02M 59/46, 63/02

(11) WO 03/038269 (13) A1

(21) PCT/DE02/03005

(22) 16 Aug/août 2002 (16.08.2002)

(25) de (26) de

(30) 101 51 688.6 19 Oct/oct 2001 DE
(19.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • VALVE FOR CONTROLLING LIQUIDS
• SOUPAPE POUR COMMANDER LE
PASSAGE DE LIQUIDES(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) MATTES, Patrick [DE/DE]; An der
Betteleiche 33 D, 70569 Stuttgart (DE).
BREKLE, Hans [DE/DE]; Beethovenstrasse
34, 71729 Erdmannhausen (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).(51)⁷ F02M 59/46, F04B 1/04, 53/10, F02M
63/02, 59/06, 59/08

(11) WO 03/038270 (13) A1

(21) PCT/IT02/00692

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) TO01A001039 30 Oct/oct 2001 IT
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INTAKE VALVE FOR A HIGH-PRES-
SURE PUMP, IN PARTICULAR FOR
INTERNAL COMBUSTION ENGINE
FUEL• SOUPAPE D'ADMISSION POUR
POMPE HAUTE PRESSION, EN PAR-
TICULIER POUR CARBURANT DE
MOTEUR A COMBUSTION INTERNE(71) CENTRO STUDI COMPONENTI PER
VEICOLI S.P.A. [IT/IT]; Via Delle Ortensie,
19, Zona Industriale, I-70026 Modugno (IT).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) OLIVIERI, Davide [IT/IT]; Via C.
Mimmi, 9, I-70124 Bari (IT). SCHWARZ,
Thomas [DE/IT]; 160a, Trav. Corso Vitto-
rio Emanuele, 15, I-70057 Palese (IT). FI-
CARELLA, Giuseppe [IT/IT]; Via Sabotino,
87, I-70124 Bari (IT).(74) JORIO, Paolo et al. / etc.; c/o Studio Torta
S.r.l., Via Viotti, 9, I-10121 Torino (IT).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX NZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT 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 F02M 61/08, 61/18, 51/06

(11) WO 03/038271 (13) A1

(21) PCT/DE02/03071

(22) 22 Aug/août 2002 (22.08.2002)

(25) de (26) de

(30) 101 52 419.6 24 Oct/oct 2001 DE
(24.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FUEL INJECTION VALVE

• SOUPAPE D'INJECTION DE CARBU-
RANT(71) ROBERT BOSCH GMBH [DE/DE]; Post-
fach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HOLZGREFE, Volker [DE/DE]; Ho-
henstaufen Str. 26, 71254 Ditzingen (DE).

(81) JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).(51)⁷ F02M 61/08, 61/18, 51/06

(11) WO 03/038272 (13) A1

(21) PCT/DE02/03073

(22) 22 Aug/août 2002 (22.08.2002)

(25) de (26) de

(30) 101 52 415.3 24 Oct/oct 2001 DE
(24.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FUEL INJECTION VALVE

• SOUPAPE D'INJECTION DE CARBU-
RANT(71) ROBERT BOSCH GMBH [DE/DE]; Post-
fach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HOLZGREFE, Volker [DE/DE]; Ho-
henstaufen Str. 26, 71254 Ditzingen (DE).
HOHL, Günther [DE/DE]; Knappenweg
46, 70569 Stuttgart (DE). HÜBEL, Michael
[DE/DE]; Lorsche Weg 1, 70839 Ger-
lingen (DE). STEIN, Jürgen [DE/DE];
Bertha-Von-Suttner-Weg 11, 75428 Illingen
(DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).(51)⁷ F02M 61/16, 61/18, 51/06, 61/20, 61/08

(11) WO 03/038273 (13) A1

(21) PCT/DE02/03072

(22) 22 Aug/août 2002 (22.08.2002)

(25) de (26) de

(30) 101 52 416.1 24 Oct/oct 2001 DE
(24.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FUEL INJECTION VALVE

• SOUPAPE D'INJECTION DE CARBU-
RANT(71) ROBERT BOSCH GMBH [DE/DE]; Post-
fach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HOLZGREFE, Volker [DE/DE]; Ho-
henstaufen Str. 26, 71254 Ditzingen (DE).
HOHL, Günther [DE/DE]; Knappenweg
46, 70569 Stuttgart (DE). HÜBEL, Michael
[DE/DE]; Lorsche Weg 1, 70839 Ger-
lingen (DE). STEIN, Jürgen [DE/DE];
Bertha-Von-Suttner-Weg 11, 75428 Illingen
(DE).

(81) JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ F02M 61/16

(11) WO 03/038274 (13) A1

(21) PCT/JP02/11340

(22) 31 Oct/oct 2002 (31.10.2002)

(25) ja (26) ja

(30) 2001/338402 2 Nov/nov 2001 JP (02.11.2001)

(30) 2001/338403 2 Nov/nov 2001 JP (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FUEL PASSAGE SEALING STRUCTURE OF FUEL INJECTION NOZZLE

- STRUCTURE D'ÉTANCHEITE DE PASSAGE DE COMBUSTIBLE D'UNE BUSE D'INJECTION DE COMBUSTIBLE

(71) BOSCH AUTOMOTIVE SYSTEMS CORPORATION [JP/JP]; 6-7, Shibuya 3-chome, Shibuya-ku, Tokyo 150-0002 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASHIMOTO, Kunihiro [JP/JP]; c/o Bosch Automotive Systems, Corporation Higashi-matsuyama, Factory, 13-26, Yakyu-cho 3-chome, Higashi-matsuyama-shi, Saitama 355-0028 (JP). IIOKA, Kazutaka [JP/JP]; c/o Bosch Automotive Systems, Corporation Higashi-matsuyama, Factory, 13-26, Yakyu-cho 3-chome, Higashi-matsuyama-shi, Saitama 355-0028 (JP). SAWAKI, Toshiki [JP/JP]; c/o Bosch Automotive Systems, Corporation Higashi-matsuyama, Factory, 13-26, Yakyu-cho 3-chome, Higashi-matsuyama-shi, Saitama 355-0028 (JP).

(74) IKEZAWA, Hiroshi; 8-6, Toranomom 5-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ F03D 1/06, 3/06, 11/04, B64C 27/32, 11/26

(11) WO 03/038275 (13) A1

(21) PCT/DE02/03979

(22) 22 Oct/oct 2002 (22.10.2002)

(25) de (26) de

(30) 101 53 683.6 31 Oct/oct 2001 DE (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SHAFT/HUB UNIT FOR WIND TURBINE ROTOR

- UNITÉ ARBRE/MOYEU DE ROTOR D'ÉOLIENNE

(71) AERODYN ENGINEERING GMBH [DE/DE]; Proviathanstr. 9, 24768 Rendsburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMIDT, Richard [DE/DE]; Harmsstrasse 64, 24114 Kiel (DE).

(74) BIEHL, Christian; c/o Boehmert & Boehmert, Niemannsweg 133, 24105 Kiel (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 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F03D 9/00, E04H 9/04, G21C 13/02

(11) WO 03/038276 (13) A1

(21) PCT/EP02/12154

(22) 31 Oct/oct 2002 (31.10.2002)

(25) de (26) de

(30) 101 53 403.5 1 Nov/nov 2001 DE (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • WIND ENERGY PARK AROUND A BUILDING, TO BE PROTECTED

- PARC D'ÉOLIENNES INSTALLE AUTOUR D'UN BATIMENT A PROTEGER

(71, 72) WOBLEN, Aloys [DE/DE]; Argestrass 19, 26607 Aurich (DE).

(74) KECK, Stephan; Eisenführ, Speiser & Partner, Martinistrasse 24, 28195 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 OMPH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F03D 11/00, B66F 11/04, E04G 3/10

(11) WO 03/038277 (13) A1

(21) PCT/ES02/00510

(22) 2 Nov/nov 2002 (02.11.2002)

(25) es (26) es

(30) 200102444 2 Nov/nov 2001 ES (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SCAFFOLD FOR AEROGENERATORS HAVING A SHAFT WITH A VARIABLE SECTION

- ECHAFAUDAGE DESTINE A DES ÉOLIENNES A FUT DE SECTION VARIABLE

(71, 72) BENEDICTO SOLER, Blanca [ES/ES]; C/ General Pardiñas n°33, 5°, E-15701 Santiago de Compostela (ES).

(81) AU CA CN CU JP NO NZ US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AU CA CN CU JP NO NZ EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(s) for the following designations / pour les désignations suivantes : AU CA CN CU JP NO NZ EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ F04B

(11) WO 03/038278 (13) A2

(21) PCT/US02/34590

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/347,820 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MULTIPLE COMPRESSOR COMMON CIRCUIT STRUCTURE DESIGN

- CONCEPTION DE STRUCTURE DE CIRCUIT COMMUN A MULTIPLES COMPRESSEURS

(71, 72) HEBERT, Thomas, H. [US/US]; 2346 Success Drive, Odessa, FL 33556 (US).

(74) STEIN, Stefan, V. et al. / etc.; Holland & Knight LLP, 400 North Ashley Drive, Suite 2300, Tampa, FL 33602 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OMPH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F04B 9/00, 53/00, 35/04

(11) WO 03/038279 (13) A1

(21) PCT/US02/35276

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/336,535 1 Nov/nov 2001 US (01.11.2001)

(30) 10/285,368 30 Oct/oct 2002 US (30.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR PORTABLE VENTILATION SYSTEM

- PROCEDE ET APPAREIL POUR SYSTEME DE VENTILATION PORTATIF

(71) KENSINGTON TECHNOLOGY GROUP [US/US]; 2000 Alameda De Las Pulgas, Second Floor, San Mateo, CA 94403 (US).

(72) MURRAY, William, R.; 437-D Cork Harbour Circle, Redwood City, CA 94065 (US).

(74) LEMOND, Kevin, T. et al. / etc.; Townsend And Townsend And Crew LLP, 2 Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 39/00 // 35/04

(11) WO 03/038280 (13) A1

(21) PCT/BR02/00145

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) PI 0105694-8 29 Oct/oct 2001 BR (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SUCTION MUFFLER FOR A RECIPROCATING HERMETIC COMPRESSOR

• SILENCIEUX D'ASPIRATION POUR COMPRESSEUR HERMETIQUE A PISTON

(71) EMPRESA BRASILEIRA DE COMPRESSORES S/A EMBRACO [BR/BR]; Rua Rui Barbosa, 1020, 89219-901 Joinville, SC (BR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LILIE, Dietmar, Erich, Bernhard [BR/BR]; Rua Orestes Guimarães, 904, 89204-060 Joinville, SC (BR). POSSAMAI, Fabrício, Caldeira [BR/BR]; Rua Jaguaruna, 207, Apt. 602, 89201-450 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F04D 25/08, 29/42

(11) WO 03/038281 (13) A1

(21) PCT/FR02/03703

(22) 28 Oct/oct 2002 (28.10.2002)

(25) fr (26) fr

(30) 01/14239 2 Nov/nov 2001 FR (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MOTOR FAN SYSTEM

• GROUPE MOTO-VENTILATEUR

(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) TALAUCHER, Stéphane [FR/FR]; 2, rue des Jacinthes Sauvages, F-78380 Bonnelles (FR). BOUCHERET, Bernard [FR/FR]; 46, boulevard Jean-Jacques Rousseau, F-92230 Gennevilliers (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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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) F04D 27/00

(11) WO 03/038282 (13) A1

(21) PCT/DE02/03325

(22) 7 Sep/sep 2002 (07.09.2002)

(25) de (26) de

(30) 101 52 026.3 23 Oct/oct 2001 DE (23.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • WARNING BEFORE PUMP LIMIT OR IN CASE OF BLADE FAILURE ON A TURBOMACHINE

• AVERTISSEMENT AVANT LIMITE DE POMPAGE OU EN CAS DE DEFAILLANCE D'AUBE SUR UNE TURBOMACHINE

(71) MTU AERO ENGINES GMBH [DE/DE]; Dachauer Strasse 665, 80995 München (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRAUER, Frank [DE/DE]; Ludwig-Ganghofer-Strasse 3, 85757 Karlsfeld (DE).

(74) ZACHARIAS, Frank et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM - C 106, 70546 Stuttgart (DE).

(81) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ F04D 27/02, F24F 7/06, 11/00

(11) WO 03/038283 (13) A2

(21) PCT/DE02/04058

(22) 31 Oct/oct 2002 (31.10.2002)

(25) de (26) de

(30) 101 53 350.0 31 Oct/oct 2001 DE (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SMOKE PROTECTION FOR ROOMS

• PROTECTION DE LOCAUX CONTRE LA FUMEE

(71) ALFRED EICHELBERGER GMBH & CO. KG [DE/DE]; Marienthaler Strasse 41, 12359 Berlin (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAHN, Bernd [DE/DE]; Waldburgweg 26, 12555 Berlin (DE).

(74) EFFERT, BRESSEL UND KOLLEGEN; Radickestrasse 48, 12489 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F04D 29/22, 29/18

(11) WO 03/038284 (13) A1

(21) PCT/JP02/11307

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ja (26) ja

(30) 2001-336213 1 Nov/nov 2001 JP (01.11.2001)

(30) 2002-138253 14 May/mai 2002 JP (14.05.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TURBO PUMP

• TURBOPOMPE

(71) ISHIGAKI COMPANY LIMITED [JP/JP]; 1-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).

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(72, 75) ISHIGAKI, Eiichi [JP/JP]; 5-9, Komadome-cho 2-chome, Sakaide-shi, Kagawa 762-0032 (JP). YOSHIDA, Tomoki [JP/JP]; 180-1, Utazu-cho, Ayauta-gun, Kagawa 769-0200 (JP).

(74) MIYOSHI, Hidekazu; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AU CA JP KR US.

(84) EP (DE DK FR GB).

(51)⁷ F04D 29/42, 29/58, 25/08

(11) WO 03/038285 (13) A1

(21) PCT/FR02/03704

(22) 28 Oct/oct 2002 (28.10.2002)

(25) fr (26) fr

(30) 01/14241 2 Nov/nov 2001 FR (02.11.2001)

(30) 01/14243 2 Nov/nov 2001 FR (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MOTOR FAN SYSTEM

• GROUPE MOTO-VENTILATEUR

(71) VALEO CLIMATISATION [FR/FR]; 8, rue Louis Lormand, F-78321 La Verrière (FR).
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(72, 75) TALAUCHER, Stéphane [FR/FR]; 2, rue des Jacinthes Sauvages, F-78380 Bonnelles (FR). BOUCHERET, Bernard [FR/FR]; 46, boulevard Jean-Jacques Rousseau, F-92230 Gennevilliers (FR). GEROUX, Pierre-Arnaud [FR/FR]; 1, rue de la Liberté, F-78400 Chatou (FR). TERRANOVA, Gilbert [FR/FR]; 19, rue de Parfond, F-78610 Le Perray-en-Yvelines (FR).

(74) LEVEILLE, Christophe; Valeo Climatisation, 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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F04F

(11) WO 03/038286 (13) A2

(21) PCT/US02/21534

(22) 9 Jul/juil 2002 (09.07.2002)

(25) en (26) en

(30) 60/348,359 26 Oct/oct 2001 US
(26.10.2001)

(30) 10/165,128 7 Jun/juin 2002 US
(07.06.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MIXED FLOW PUMP
• POMPE A PIGNONS

(71) THE PENN STATE RESEARCH FOUNDATION [US/US]; 304 Old Main, University Park, PA 16802 (US).

(72) MCBRIDE, Mark, W.; 194 North Fillmore Road, Bellefonte, PA 16823-9044 (US).

(74) MORREALE, Lynn, B. et al. / etc.; Woodcock Washburn LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F04F 5/54, E21B 47/00

(11) WO 03/038287 (13) A1

(21) PCT/RU02/00426

(22) 20 Sep/sep 2002 (20.09.2002)

(25) ru (26) ru

(30) 2001129306 31 Oct/oct 2001 RU
(31.10.2001)

(30) 2001133328 13 Dec/déc 2001 RU
(13.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • WELL JET DEVICE FOR TESTING AND STUDYING FORMATIONS AND THE OPERATING METHOD THEREOF

• INSTALLATION A JET DE PUIITS SERVANT A TESTER ET A ETUDIER DES COUCHES ET PROCEDE D'UTILISATION DE CETTE INSTALLATION

(71, 72) KHOMYNETS, Zinovi Dmitrievich [UA/UA]; ul. Vilshanskyaya, 33, Tishmenitsa, Ivano-Frankovskaya obl., 77400 (UA).

(72, 75) STENIN, Vladimir Petrovich [RU/RU]; ul. Kulakova, 10-88, Moscow, 123592 (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 SD SE SG SI SK SL TJ TM TR TT UA UG US UZ 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 IE IT LU 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 F15B 1/24, F16J 15/18

(11) WO 03/038288 (13) A1

(21) PCT/EP02/11666

(22) 18 Oct/oct 2002 (18.10.2002)

(25) de (26) de

(30) 101 52 960.0 26 Oct/oct 2001 DE
(26.10.2001)

(30) 101 64 265.2 27 Dec/déc 2001 DE
(27.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PISTON-TYPE ACCUMULATOR
• ACCUMULATEUR A PISTON

(71) CONTINENTAL TEVES AG & CO. OHG [DE/DE]; Guerickestrasse 7, 60488 Frankfurt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VOLZ, Peter [DE/DE]; In den Wingerten 14, 64291 Darmstadt (DE).

(74) CONTINENTAL TEVES AG & CO. OHG; Guerickestrasse 7, 60488 Frankfurt (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ F16B 2/24, 5/06

(11) WO 03/038289 (13) A1

(21) PCT/EP02/11539

(22) 16 Oct/oct 2002 (16.10.2002)

(25) de

(26) de

(30) 101 53 569.4 30 Oct/oct 2001 DE
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FIXING CLAMP FOR CONNECTING SHEETS WITH DIFFERENT EXPANSION PROPERTIES

• PINCE DE FIXATION POUR RELIER DES PLAQUES AYANT DES COMPORTEMENTS DE DILATATION DIFFERENTS

(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) BOVILLE, Daniel [FR/FR]; 45, rue des Prairies, F-75020 Paris (FR).

(74) KIRCHGAESSER, Johannes; A. Raymond GmbH & Co.KG, Teichstrasse 57, 79539 Lörrach (DE).

(81) BR CA CZ JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ F16B 12/40

(11) WO 03/038290 (13) A1

(21) PCT/RU02/00470

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ru (26) ru

(30) 2001129424 1 Nov/nov 2001 RU
(01.11.2001)

(30) 2002113695 27 May/mai 2002 RU
(27.05.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TUBE FITTING

• PIECE DE FIXATION DE TUYAUX

(71, 72) RADCHUK, Andrey Leonidovich [RU/RU]; ul. 2-aya Institutskaya, 40-7, Mytitschi, Moskovskaya obl., 141005 (RU).

(74) POPELENSKY, Nikolay Konstantinovich; A/ya 11, Moscow, 127055 (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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F16B 15/00, 15/08

(11) WO 03/038291 (13) A1

(21) PCT/SE02/01912

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 0103645-8 31 Oct/oct 2001 SE
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • STAPLE

- AGRAFE
- (71) **ISABERG RAPID AB** [SE/SE]; Box 115, S-330 27 Hestra (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STRIDH, Lars** [SE/SE]; Nydal, S-733 91 Sala (SE).
- (74) **JOHANNESSON, Urban**; Isaberg Rapid AB, Box 115, S-330 27 Hestra (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16B 19/08, B21J 15/04, F16B 19/10**
- (11) **WO 03/038292** (13) A2
- (21) PCT/US02/34877
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) en (26) en
- (30) 60/330,875 **1 Nov/nov 2001** US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SELF-DRILLING PULL-THROUGH BLIND RIVET AND METHODS OF AND APPARATUS FOR THE ASSEMBLY AND SETTING THEREOF
- RIVET AVEUGLE A AUTO-PERÇAGE, A EJECTION, ET PROCÉDES ET APPAREIL DE POSE
- (71) **NEWFREY LLC** [US/US]; Drummond Plaza Office Park, 1423 Kirkwood Highway, Newark, DE 19711 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PEARCE, Richard, A.** [US/US]; Skye Top at Troon #66, 25555 Windy Walk Drive, Scottsdale, AZ 85255 (US). **SMITH, Daniel, R.** [GB/GB]; 8 Rectory Gardens, Rectory Lane, Castle Bromwich (GB). **STANKO, Robert, M.** [US/US]; 100 Dover Court, Guilford, CT 06437 (US).
- (74) **VELTMAN, Richard, J.** et al. / etc.; Senior Group Patent Counsel, Black & Decker Corporation, 701 E. Joppa Road TW-199, Towson, MD 21286 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 37/02, 37/00**
- (11) **WO 03/038293** (13) A1
- (21) PCT/EP02/12023
- (22) **28 Oct/oct 2002 (28.10.2002)**
- (25) de (26) de
- (30) 101 53 699.2 **31 Oct/oct 2001** DE (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • NUT
- ECROU
- (71) **NEWFREY LLC** [US/US]; Drummond Plaza Office Park, 1423 Kirkwood Highway, Newark, DE 19711 (US).
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- (72, 75) **OPPER, Reinhold** [DE/DE]; Daubringer Strasse 20, 35418 Alten-Buseck (DE). **WERNER, Wolfgang** [DE/DE]; Taläcker Strasse 6, 72766 Reutlingen (DE).
- (74) **HAAR, Lucas, H.** et al. / etc.; Patentanwälte Haar & Schwarz-Haar, Lessingstrasse 3, 61231 Bad Nauheim (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
-
- (51)⁷ **F16B 41/00, E05B 35/00**
- (11) **WO 03/038294** (13) A1
- (21) PCT/SE02/01863
- (22) **11 Oct/oct 2002 (11.10.2002)**
- (25) sv (26) en
- (30) 0103410-7 **12 Oct/oct 2001** SE (12.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • A LOCKING DEVICE FOR A WHEEL BOLT
- DISPOSITIF DE BLOCAGE POUR UN BOULON DE ROUE
- (71) **AB J.E. BERGSTRÖMS MEKANISKA VERKSTAD** [SE/SE]; Box 94, S-718 22 Frövi (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AHLGREN, Ove** [SE/SE]; Hulttets Gärd, S-461 91 Trollhättan (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16C 33/58, G01N 29/10**
- (11) **WO 03/038295** (13) A1
- (21) PCT/JP02/10664
- (22) **15 Oct/oct 2002 (15.10.2002)**
- (25) ja (26) ja
- (30) 2001-335473 **31 Oct/oct 2001** JP (31.10.2001)
- (30) 2002-108283 **10 Apr/avr 2002** JP (10.04.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ROLLING BEARINGS
- ROULEMENTS A ROULEAUX
- (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) **KIUCHI, Akihiro** [JP/JP]; c/o NSK Ltd., 5-50, Kugenumashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (JP). **MATSUMOTO, Youichi** [JP/JP]; c/o NSK Ltd., 5-50, Kugenumashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (JP). **OHORI, Manabu** [JP/JP]; c/o NSK Ltd., 5-50, Kugenumashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (JP).
- (74) **MORI, Tetsuya** et al. / etc.; Nichiei Kokusai Tokkyo Jimusho, Yusen Iwamotocho Bldg. 8th Floor, 3-3, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 101-0032 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ **F16D**
- (11) **WO 03/038296** (13) A2
- (21) PCT/US02/34071
- (22) **24 Oct/oct 2002 (24.10.2002)**
- (25) en (26) en
- (30) 10/012,618 **30 Oct/oct 2001** US (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ON-DEMAND TWO-SPEED TRANSFER CASE WITH SLIDING ANNULUS PLANETARY GEARSET
- BOITE DE TRANSFERT A DOUBLE RAPPORT SUR DEMANDE MUNIE D'UN TRAIN EPICYCLOIDAL ANNULAIRE COULISSANT
- (63) US 10/012,618 (CON) 30 Oct/oct 2001 (30.10.2001)
- (71) **NEW VENTURE GEAR, INC.** [US/US]; 1650 Research Drive, Suite 300, Troy, MI 48083 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WILLIAMS, Randolph, C.** [US/US]; 8836 S. Willow Street, Weedsport, NY 13166 (US). **RONK, Aaron** [US/US]; 1235 Bay Road, Lake George, NY 12845 (US). **PONCA, Stanislav** [US/US]; 8303 Spicebush Trail, Liverpool, NY 13090 (US).

STALLOCH, Timothy, R. [US/US]; 5969 Jerusalem Drive, Cicero, NY 13039 (US).

(74) **RETTIG, Philip, E.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ **F16D 65/097**

(11) **WO 03/038297** (13) A1

(21) PCT/IT01/00552

(22) **31 Oct/oct 2001 (31.10.2001)**

(25) it (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • **FLAT SPRING FOR PRELOADING DISC BRAKE PADS**
• **RESSORT PLAT POUR LE PRECHARGEMENT DE PATINS 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) **CRIPPA, Cristian** [IT/IT]; Via Longoni, 4, I-24031 Almenno San Salvatore (IT).

(74) **CRIPPA, Paolo, Ernesto** et al. / etc.; Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F16D 66/02, 65/097**

(11) **WO 03/038298** (13) A2

(21) PCT/IT01/00555

(22) **31 Oct/oct 2001 (31.10.2001)**

(25) it (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • **A SYSTEM FOR FIXING AN ELECTRICAL CONNECTION ELEMENT TO A DISK-BRAKE CALIPER**
• **SYSTEME DE FIXATION D'UN ELEMENT DE CONNEXION ELECTRIQUE SUR UN 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) **CRIPPA, Cristian** [IT/IT]; Via Longoni, 4, I-24031 Almenno San Salvatore (IT).

(74) **MAGGIONI, Claudio** et al. / etc.; Jacobacci & Partners S.P.A., 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 ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F16F**

(11) **WO 03/038299** (13) A2

(21) PCT/EP02/12316

(22) **1 Nov/nov 2002 (01.11.2002)**

(25) en (26) en

(30) 0103664-9 **2 Nov/nov 2001 SE (02.11.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • **DAMPING ARRANGEMENT**
• **ENSEMBLE AMORTISSEUR**

(71) **ELECTROLUX HOME PRODUCTS CORPORATION N.V.** [BE/BE]; Belgicastraat 17, B-1930 Zaventem (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDERSSON, Ingemar** [SE/SE]; Västerkroken 39, S-591 72 Motala (SE).

(74) **SVAHN, Göran**; AB Electrolux (publ.), Group Intellectual Property, S-105 45 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F16F 13/04, 7/09**

(11) **WO 03/038300** (13) A1

(21) PCT/US02/34817

(22) **30 Oct/oct 2002 (30.10.2002)**

(25) en (26) en

(30) 10/020,356 **30 Oct/oct 2001 US (30.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • **MOUNT HAVING INTEGRATED DAMPER AND LOAD CARRYING SPRING**

• **MONTAGE POUR VU D'UN AMORTISSEUR INTEGRE ET D'UN RESSORT PORTEUR**

(71) **LORD CORPORATION** [US/US]; 111 Lord Drive, Post Office Box 8012, Cary, NC 27512-8012 (US).

(72) **HALLADAY, James, R.**; 1443 Troupe Road, Harborcreek, PA 16421 (US).
FLOWER, Wallace, C.; 5032 Sir Lancelot Drive, Erie, PA 16506 (US).
COOK, Roger; 3590 East Hiawatha, Okemos, MI 48864 (US).

(74) **Wright, James, W.**; Lord Corporation, 111 Lord Drive, Post Office Box 8012, Cary, NC, 27512-8012 (US).

(81) CA CN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ **F16F 13/26, 13/10, 13/14**

(11) **WO 03/038301** (13) A1

(21) PCT/DE02/04035

(22) **29 Oct/oct 2002 (29.10.2002)**

(25) de (26) de

(30) 101 53 220.2 **31 Oct/oct 2001 DE (31.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • **HYDRAULICALLY DAMPING RUBBER BEARING**

• **PALIER EN CAOUTCHOUC PROVOQUANT UN AMORTISSEMENT HYDRAULIQUE**

(71) **ZF LEMFÖRDER METALLWAREN AG** [DE/DE]; Postfach 1220, 49441 Lemförde (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIEMER, Hubert** [DE/DE]; Wilhelmstrasse 11, 49413 Dinklage (DE).
WILLERT, Claudia [DE/DE]; Eichendorffstrasse 7, 49439 Steinfeld (DE).
DUISEN, Frank [DE/DE]; Neuenwalder Strasse 33, 49401 Damme (DE).
VOSSEL, Andreas [DE/DE]; Holsten-Mündruper-Strasse 64, 49086 Osna-brück (DE).

(81) BR JP MX US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for the following designations / pour les désignations suivantes : BR JP MX EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
(u) for / pour US only / seulement

(51)⁷ F16F 15/02, E04H 9/02

(11) WO 03/038302 (13) A1

(21) PCT/JP02/11137

(22) 28 Oct/oct 2002 (28.10.2002)

(25) ja (26) ja

(30) 2001-331726 29 Oct/oct 2001 JP
(29.10.2001)

(30) 2001-331727 29 Oct/oct 2001 JP
(29.10.2001)

(30) 2002-195221 3 Jul/juil 2002 JP
(03.07.2002)

(30) 2002-310233 24 Oct/oct 2002 JP
(24.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BASE ISOLATION DEVICE AND METHOD OF INSTALLING BASE ISOLATION DEVICE

• DISPOSITIF D'ISOLATION DE SOCLE ET PROCÉDE D'INSTALLATION D'UN DISPOSITIF D'ISOLATION DE SOCLE

(71) ADVANCED SYSTEM CO., LTD. [JP/JP]; 18-26, Tsutsumi-dori 1-chome, Sumida-ku, Tokyo 131-0034 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAWASHIMA, Mitsuji [JP/JP]; 2-5 Midoridai 3-chome, Kashiwa-shi, Chiba 277-0884 (JP). NAKAMURA, Tetsuto [JP/JP]; 3-704, 5-5 Ten'nodai, Abiko-shi, Chiba 270-1143 (JP). KIKUCHI, Takumi [JP/JP]; 4-2, Fusa-Heiwadai 7-chome, Abiko-shi, Chiba 270-1108 (JP). KOHNO, Tamotsu [JP/JP]; 599-11, Fujikubo, Miyoshimachi, Iruma-gun, Saitama 354-0041 (JP). HATANNO, Nobuo [JP/JP]; 986-1, 2-chome, Yashio-shi, Saitama 340-0811 (JP).

(74) YOSHIDA, Yoshiharu; Shuwa No.2 Toranomon Building 6F, 21-19, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 F16G 15/12, 13/12

(11) WO 03/038303 (13) A1

(21) PCT/DE02/04068

(22) 30 Oct/oct 2002 (30.10.2002)

(25) de (26) de

(30) 101 54 902.4 30 Oct/oct 2001 DE
(30.10.2001)

(30) 101 54 901.6 30 Oct/oct 2001 DE
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CHAIN IN PARTICULAR A HOIST CHAIN

• CHAÎNE, NOTAMMENT CHAÎNE D'UN ENGIN DE LEVAGE

(71) RUD-KETTENFABRIK RIEGER & DIETZ GMBH U. CO. [DE/DE]; Friedensinsel, 73432 Aalen-Unterkochen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SINZ, Rolf [DE/DE]; Brühlstrasse 41, 73450 Heubach (DE). DALFERTH, Hans [DE/DE]; Eifelstrasse 21, 73433 Aalen (DE). WISTUBA, Uwe [DE/DE]; Ringstrasse 128, 73432 Aalen (DE). HERZOG, Heribert [DE/DE]; Helfensteinerstrasse 8, 73432 Aalen (DE).

(74) GRÜNECKER KINKELDEY STOCKMAIR & SCHWANHÄUSSER; Anwaltssozietät, Leistikowstr. 2, 14050 Berlin (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ F16H 3/00

(11) WO 03/038304 (13) A1

(21) PCT/EP02/11036

(22) 2 Oct/oct 2002 (02.10.2002)

(25) de (26) de

(30) 101 53 014.5 26 Oct/oct 2001 DE
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MOUNTING OF THE INPUT SHAFTS OF A TWIN CLUTCH TRANSMISSION

• MONTAGE SUR PALIER DES ARBRES D'ENTRÉE D'UNE TRANSMISSION A DOUBLE EMBRAYAGE

(71) VOLKSWAGEN AKTIENGESELLSCHAFT [DE/DE]; 38436 Wolfsburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AHRENS, Rainer [DE/DE]; Ricarda-Huch-Strasse 7, 38124 Braunschweig (DE).

(74) VOLKSWAGEN AKTIENGESELLSCHAFT; Brieffach 1770, 38436 Wolfsburg (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ F16H 3/091

(11) WO 03/038305 (13) A1

(21) PCT/JP02/10690

(22) 15 Oct/oct 2002 (15.10.2002)

(25) ja (26) ja

(30) 2001-333619 31 Oct/oct 2001 JP
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TRANSMISSION

• TRANSMISSION

(71) AICHI MACHINE INDUSTRY CO., LTD. [JP/JP]; 2-12, Kawanami-cho, Atsuta-ku, Nagoya-shi, Aichi 456-8601 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOSONO, Kiyohito [JP/JP]; c/o Aichi Machine Industry, Co., Ltd., 2-12, Kawanami-cho, Atsuta-ku, Nagoya-shi, Aichi 456-8601 (JP).

(74) USAMI, Tadao; No.102, 32, Tsukimigaoka, Yatomi-cho, Mizuho-ku, Nagoya-shi, Aichi 467-0035 (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 F16H 7/08

(11) WO 03/038306 (13) A1

(21) PCT/JP02/11480

(22) 1 Nov/nov 2002 (01.11.2002)

(25) ja (26) ja

(30) 2001-337332 2 Nov/nov 2001 JP
(02.11.2001)

(30) 2002-311035 25 Oct/oct 2002 JP
(25.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CHAIN TENSIONER

• TENDEUR DE CHAÎNE

(71) NTN CORPORATION [JP/JP]; 3-17, Kyomachibori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0003 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IZUTSU, Tomoyoshi [JP/JP]; c/o NTN Corporation, 1578, Higashikaizuka, Iwata-shi, Shizuoka 438-0037 (JP). SATO, Seiji [JP/JP]; c/o NTN Corporation, 1578, Higashikaizuka, Iwata-shi, Shizuoka 438-0037 (JP). HAYAKAWA, Hisashi [JP/JP]; c/o NTN Corporation, 1578, Higashikaizuka, Iwata-shi, Shizuoka 438-0037 (JP).

(74) KAMADA, Bunji et al. / etc.; 18-12, Nipponbashi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0073 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F16H 7/08

(11) WO 03/038307 (13) A1

(21) PCT/JP02/11481

(22) 1 Nov/nov 2002 (01.11.2002)

(25) ja (26) ja

(30) 2001-337332 2 Nov/nov 2001 JP
(02.11.2001)

(30) 2002-310893 25 Oct/oct 2002 JP
(25.10.2002)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CHAIN TENSIONER
• TENDEUR DE CHAINE
- (71) NTN CORPORATION [JP/JP]; 3-17, Kyomachibori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0003 (JP). DAIHATSU MOTOR CO., LTD. [JP/JP]; 1-1, Daihatsu-cho, Ikeda-shi, Osaka 563-0044 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IZUTSU, Tomoyoshi [JP/JP]; c/o NTN Corporation, 1578, Higashikaizuka, Iwata-shi, Shizuoka 438-0037 (JP). SATO, Seiji [JP/JP]; c/o NTN Corporation, 1578, Higashikaizuka, Iwata-shi, Shizuoka 438-0037 (JP). ITO, Shigeyoshi [JP/JP]; c/o Daihatsu Motor Co., Ltd., 1-1, Momozono 2-chome, Ikeda-shi, Osaka 563-0045 (JP). MUNETOKI, Hiroshi [JP/JP]; c/o Daihatsu Motor Co., Ltd., 1-1, Momozono 2-chome, Ikeda-shi, Osaka 563-0045 (JP).
- (74) KAMADA, Bunji et al. / etc.; 18-12, Nipponbashi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0073 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F16H 7/08
- (11) WO 03/038308 (13) A1
- (21) PCT/JP02/09422
- (22) 13 Sep/sep 2002 (13.09.2002)
- (25) ja (26) ja
- (30) 2001-333829 31 Oct/oct 2001 JP (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CAM CHAIN TENSIONER
• TENDEUR DE CHAINE A CAMES
- (71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
- (72) SAWAMURA, Yoshinobu; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). SHIGIHARA, Akira; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). AKUTSU, Toshiharu; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).
- (74) EHARA, Nozomu et al. / etc.; EHARA & ASSOCIATES, Sakaguchi Bldg., 3-3, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) BR ID IN KR PH VN.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ F16H 7/12, 7/08
- (11) WO 03/038309 (13) A1
- (21) PCT/US02/35259
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 60/336,364 1 Nov/nov 2001 US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DAMPED ACCESSORY DRIVE SYSTEM INCLUDING A MOTOR/GENERATOR
• SYSTEME D'ENTRAINEMENT D'ACCESSOIRES AMORTI COMPRENANT UN MOTEUR/GENERATEUR
- (71) THE GATES CORPORATION [US/US]; (a Delaware, U.S.A. Corporation), 900 South Broadway, Denver, CO 80209 (US).
- (72) SERKH, Alexander; 316 Falling Brook Drive, Troy, MI 48098-4696 (US). ALLI, Imtiaz; 312 Woodside Court #123, Rochester Hills, MI 48307-4165 (US).
- (74) AUSTIN, Steven, G.; The Gates Corporation, Mail Stop: 31-4-1-A3, 900 South Broadway, Denver, CO 80209 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); 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 F16H 9/18
- (11) WO 03/038310 (13) A1
- (21) PCT/JP02/11436
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) ja (26) ja
- (30) 2001-338129 2 Nov/nov 2001 JP (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PULLEY WIDTH ADJUSTING DEVICE FOR CONTINUOUSLY VARIABLE TRANSMISSION
• DISPOSITIF DE REGLAGE DE LARGEUR DE GORGE DE POULIE POUR TRANSMISSION A VARIATION ININTERROMPUE DE LA VITESSE
- (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) OTAKI, Ryoichi [JP/JP]; c/o NSK Ltd., 5-50, Kugenumashinmei 1-chome, Fujisawashi, Kanagawa 251-8501 (JP). HASHITANI, Hideki [JP/JP]; c/o NSK Ltd., 1-1, Onuma, Hanyu-shi, Saitama 348-0016 (JP).
- (74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM
- HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F16H 25/22
- (11) WO 03/038311 (13) A1
- (21) PCT/JP02/10988
- (22) 23 Oct/oct 2002 (23.10.2002)
- (25) ja (26) ja
- (30) 2001-330225 29 Oct/oct 2001 JP (29.10.2001)
- (30) 2002-31766 8 Feb/fév 2002 JP (08.02.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • BALL SCREW DEVICE
• DISPOSITIF DE VIS A BILLES
- (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) KAWATA, Daisaku [JP/JP]; c/o NSK LTD., 78, Toriba-Machi, Maebashi-Shi, Gunma 371-8527 (JP). UMEDA, Minao [JP/JP]; c/o NSK LTD., 78, Toriba-Machi, Maebashi-Shi, Gunma 371-8527 (JP).
- (74) AGATA, Yuzo; 13-5, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 57/04
- (11) WO 03/038312 (13) A1
- (21) PCT/SE02/01927
- (22) 23 Oct/oct 2002 (23.10.2002)
- (25) sv (26) en
- (30) 0103633-4 31 Oct/oct 2001 SE (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DEVICE FOR LUBRICATING GEAR-WHEELS
• DISPOSITIF POUR LUBRIFIER DES ROUES D'ENGRENAGES
- (71) VOLVO LASTVAGNAR AB [SE/SE]; S-405 08 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NYLUND, Clas [SE/SE]; Ernst Torulfs-gatan 11C, S-416 73 Göteborg (SE). CSATA,

- Attila [SE/SE]; Eklövsvägen 184, S-443 50 Lerum (SE).
- (74) **FRÖHLING, Werner**; Volvo Technology Corporation, Corporate Patents, CTP, 06820, Sven Hultins Gata 9C, S-412 88 Göteborg (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16H 61/00**
- (11) **WO 03/038313** (13) A1
- (21) PCT/EP02/09150
- (22) **16 Aug/août 2002 (16.08.2002)**
- (25) de (26) de
- (30) 101 54 059.0 **2 Nov/nov 2001 DE (02.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **SLIP REGULATING METHOD**
- PROCÉDE DE REGULATION ANTIPATINAGE
- (71) **AUDI AG [DE/DE]**; 85045 Ingolstadt (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MÄRKL, Johann [DE/DE]**; Gartenstrasse 27, 85128 Nassenfels (DE).
- (74) **ASCH, Konrad et al. / etc.; c/o Audi AG**, Patentabteilung, 85045 Ingolstadt (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ **F16H 61/02, B60K 41/08**
- (11) **WO 03/038314** (13) A1
- (21) PCT/SE02/01992
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) sv (26) en
- (30) 0103615-1 **31 Oct/oct 2001 SE (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **VEHICLE AND METHOD FOR AUTOMATIC CHOICE OF GEAR IN A GEAR BOX MOUNTED IN A VEHICLE**
- VEHICULE ET PROCÉDE DE SÉLECTION AUTOMATIQUE D'UNE VITESSE DANS UNE BOÎTE DE VITESSES MONTÉE A BORD DU VEHICULE
- (71) **VOLVO LASTVAGNAR AB [SE/SE]**; S-405 08 Göteborg (SE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **STEEN, Marcus [SE/SE]**; Fotbollsvägen 31, S-424 33 Angered (SE). **ERIKSSON, Anders [SE/SE]**; Lövsogsgatan 14, S-413 20 Göteborg (SE). **LAURI, Erik [SE/SE]**; Eklanda Bäck 150, S-431 49 Mölndal (SE).
- (74) **ANDERSSON, Per et al. / etc.; Albiñns Göteborg AB, P.O. Box 142, S-401 22 Göteborg (SE).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16H 61/06, F16D 48/06**
- (11) **WO 03/038315** (13) A1
- (21) PCT/EP02/10631
- (22) **21 Sep/sep 2002 (21.09.2002)**
- (25) de (26) de
- (30) 101 53 722.0 **31 Oct/oct 2001 DE (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **METHOD FOR GEARCHANGE CONTROL IN A POWER SHIFT GEARBOX**
- PROCÉDE DE COMMANDE DE CIRCUIT D'UNE BOÎTE DE VITESSES COUPLABLE SOUS CHARGE
- (71) **VOLKSWAGEN [DE/DE]**; Aktiengesellschaft, 38436 Wolfsburg (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BOTHE, Edgar [DE/DE]**; Landecker Strasse 37, 31224 Peine (DE). **HINRICHSEN, Uwe [DE/DE]**; Helene-Evers-Weg 6, 38124 Braunschweig (DE).
- (74) **VOLKSWAGEN**; Aktiengesellschaft, Brieffach 1770, 38436 Wolfsburg (DE).
- (81) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51) **F16H 61/24, 63/38**
- (11) **WO 03/038316** (13) A1
- (21) PCT/EP02/11734
- (22) **19 Oct/oct 2002 (19.10.2002)**
- (25) de (26) de
- (30) 101 53 926.6 **2 Nov/nov 2001 DE (02.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **DEVICE FOR THE GENERATION OF SELECTING FORCES**
- DISPOSITIF POUR PRODUIRE DES FORCES DE CHANGEMENT DE VITESSE
- (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) **KRÄMER, Klaus [DE/DE]**; Am Löhlein 5, 91460 Baudenbach (DE). **LANDA, Boris [DE/DE]**; Johannesstrasse 12, 91088 Bubenreuth (DE).
- (74) **INA-SCHAEFFLER KG**; Industriestrasse 1 - 3, 91074 Herzogenaurach (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **F16H 63/20**
- (11) **WO 03/038317** (13) A1
- (21) PCT/EP02/11876
- (22) **24 Oct/oct 2002 (24.10.2002)**
- (25) de (26) de
- (30) 101 53 634.8 **31 Oct/oct 2001 DE (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **SWITCHING DEVICE FOR MANUAL GEARSHIFT**
- DISPOSITIF DE COMMUTATION POUR CHANGEMENT DE VITESSE MANUEL
- (71) **GETRAG GETRIEBE- UND ZAHNRAD-FABRIK [DE/DE]**; Hermann Hagenmeyer GmbH & Cie KG, Hermann-Hagenmeyer Strasse, 74199 Untergruppenbach (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SCHÄFER, Andreas [DE/DE]**; Oststrasse 22, 74232 Abstatt (DE). **PÖSCHL, Martin [DE/DE]**; Im Schützengarten 18, 74831 Gundelsheim (DE). **BURGBACHER, Martin [DE/DE]**; Sudetenring 8, 71642 Ludwigsburg (DE).
- (74) **STEIL, C. et al. / etc.; Witte, Weller & Partners**, Postfach 105462, 70047 Stuttgart (DE).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ **F16H 63/30**
- (11) **WO 03/038318** (13) A1
- (21) PCT/EP02/11730
- (22) **19 Oct/oct 2002 (19.10.2002)**
- (25) de (26) de
- (30) 101 53 912.6 **2 Nov/nov 2001 DE (02.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **BEARING IN A MANUAL TRANSMISSION**
- LOGEMENT DE PALIER DANS UNE BOÎTE DE VITESSES
- (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) **KRÄMER, Klaus [DE/DE]**; Am Löhlein 5, 91460 Baudenbach (DE). **LANDA, Boris [DE/DE]**; Johannesstrasse 12, 91088 Bubenreuth (DE).

(74) **INA-SCHAEFFLER KG**; Industriestrasse 1 - 3, 91074 Herzogenaurach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **F16J 15/18**

(11) **WO 03/038319** (13) A1

(21) PCT/EP02/11579

(22) **16 Oct/oct 2002 (16.10.2002)**

(25) de (26) de

(30) 101 53 293.8 **31 Oct/oct 2001 (31.10.2001)** DE

(43) 8 May/mai 2003 (08.05.2003)

(54) • **DEVICE FOR TREATING A MATERIAL**
• **DISPOSITIF POUR LE TRAITEMENT D'UNE MATIERE**

(71) **LIST AG [CH/CH]**; Berstelstrasse 24, CH-4422 Arisdorf (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIST, Jörg, M. [CH/CH]**; Sur le roches, Route de Chabrey 314, CH-1568 Portalban (CH). **KUNZ, Alfred [CH/CH]**; Sternenbergweg 11, CH-4108 Witterswil (CH).

(74) **WEISS, Peter**; Zeppelinstrasse 4, 78234 Engen (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 **F16J 15/40**

(11) **WO 03/038320** (13) A1

(21) PCT/NO01/00438

(22) **1 Nov/nov 2001 (01.11.2001)**

(25) no (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • **METHOD AND DEVICE AT A HYDRO-DYNAMIC PUMP PISTON**
• **PROCEDE ET DISPOSITIF PLACE AU NIVEAU D'UN PISTON DE POMPE HYDRODYNAMIQUE**

(71, 72) **HAUGHOM, Per, Olav [NO/NO]**; Hogåsen, N-4440 TONSTAD (NO).

(74) **HÅMSØ PATENTBYRÅ ANS**; P. O. Box 171, N-4306 Sandnes (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F16K**

(11) **WO 03/038321** (13) A2

(21) PCT/IL02/00863

(22) **28 Oct/oct 2002 (28.10.2002)**

(25) en (26) en

(30) 60/339,595 **29 Oct/oct 2001 (29.10.2001)** US

(43) 8 May/mai 2003 (08.05.2003)

(54) • **ROLL DIAPHRAGM CONTROL VALVE**
• **VANNE DE COMMANDE A DIAPHRAGME NON PLAN**

(71) **BERMAD, LIMITED PARTNERSHIP [IL/IL]**; Kibbutz Evron 25235 (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEINGARTEN, Zvi [IL/IL]**; Kibbutz Evron 25235 (IL).

(74) **FRIEDMAN, Mark, M.**; Beit Samueloff, 7 Haomanim St., 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **F16K 1/12, 1/34, 27/07**

(11) **WO 03/038322** (13) A1

(21) PCT/EP02/11599

(22) **17 Oct/oct 2002 (17.10.2002)**

(25) de (26) de

(30) 101 52 764.0 **29 Oct/oct 2001 (29.10.2001)** DE

(43) 8 May/mai 2003 (08.05.2003)

(54) • **VALVE FOR CRYOGENIC MEDIA**
• **SOUPAPE POUR MILIEUX CRYOGENES**

(71) **LINDE AKTIENGESELLSCHAFT [DE/DE]**; Abraham-Lincoln-Strasse 21, 65189 Wiesbaden (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GARNREITER, Franz [DE/DE]**; Föhrenstrasse 32, 83052 Bruckmühl (DE).

BERGHOFF, Rudolf [DE/DE]; Theodor-Johannsen-Strasse 12, 22088 Wedel (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **F16K 7/06**

(11) **WO 03/038323** (13) A1

(21) PCT/US02/34907

(22) **31 Oct/oct 2002 (31.10.2002)**

(25) en (26) en

(30) 10/004,519 **1 Nov/nov 2001 (01.11.2001)** US

(43) 8 May/mai 2003 (08.05.2003)

(54) • **FLOW CONTROL DEVICE**
• **DISPOSITIF DE REGULATION D'ECOULEMENT**

(71) **FRESENIUS USA, INC. [US/US]**; Two Ledgemont Center, 95 Hayden Avenue, Lexington, MA 02173 (US).

(72) **JENSEN, Lynn, E.**; 136 North 1250 West, Clearfield, UT 84015 (US).

(74) **GRADISAR, Stanley, J. et al. / etc.**; Gibson, Dunn & Crutcher LLP, Suite 4100, 1801 California Street, Denver, CO 80202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **F16K 31/06**

(11) **WO 03/038324** (13) A1

(21) PCT/JP02/11202

(22) **29 Oct/oct 2002 (29.10.2002)**

(25) ja (26) ja

(30) 2001-333237 **30 Oct/oct 2001 (30.10.2001)** JP

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR DRIVING FLOW CONTROL ELECTROMAGNETIC PROPORTIONAL CONTROL VALVE
- PROCEDE ET DISPOSITIF SERVANT A COMMANDER UNE SOUPAPE ELECTROMAGNETIQUE PROPORTIONNELLE DE REGULATION DE DEBIT
- (71) BOSCH AUTOMOTIVE SYSTEMS CORPORATION [JP/JP]; 6-7, Shibuya 3-chome, Shibuya-ku, Tokyo 150-0002 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KUBOTA, Kazuya [JP/JP]; c/o Bosch Automotive Systems, Corporation, 13-26, Yakyu-cho 3-chome, Higashimatsuyama-shi, Saitama 355-8603 (JP). KUWAYAMA, Tetsuya [JP/JP]; c/o Bosch Automotive Systems, Corporation, 13-26, Yakyu-cho 3-chome, Higashimatsuyama-shi, Saitama 355-8603 (JP). MATSUDA, Norio [JP/JP]; c/o Bosch Automotive Systems, Corporation, 13-26, Yakyu-cho 3-chome, Higashimatsuyama-shi, Saitama 355-8603 (JP).
- (74) TAKANO, Masatoshi; Yoshitoku Building 6F, 15-14, Shiba 3-chome, Minato-ku, Tokyo 105-0014 (JP).
- (81) CN CZ KP 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 F16K 37/00, 17/04
- (11) WO 03/038325 (13) A1
- (21) PCT/EP02/12279
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 01309291.1 1 Nov/nov 2001 EP (01.11.2001)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • OVER-PRESSURE PROTECTION SYSTEM
- SYSTEME DE PROTECTION CONTRE LES SURPRESSIONS
- (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) KLAVER, Theodorus, Cornelis [NL/NL]; Volmerlaan 8, NL-2288 GD Rijswijk (NL). PETTITT, Mark [GB/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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F16K 37/00
- (11) WO 03/038326 (13) A1
- (21) PCT/US02/34997
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 10/016,227 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • VISUAL POSITION INDICATOR FOR VALVES WITH LINEAR MOVING VALVE STEM
- INDICATEUR DE POSITION VISUEL POUR ROBINETS AVEC TIGE DE ROBINET A MOUVEMENT LINEAIRE
- (71, 72) KERGER, Leon [LU/LU]; 40, La Corniche, L-5613 Mondorf Les Bains (LU). PISTOR, Bert [DE/US]; 408 Carney Rd., Greensburg, PA 15601 (US).
- (74) SMITH, William, P. et al. / etc.; DKW Law Group, PC, 58th Floor, USX Tower, 600 Grant Street, Pittsburgh, PA 15219 (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 ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ F16L
- (11) WO 03/038327 (13) A2
- (21) PCT/US02/34415
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) en (26) en
- (30) 09/984,591 30 Oct/oct 2001 US (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • REDUCED AREA GASKETS
- JOINTS A SURFACE REDUITE
- (71) INERTECH, INC. [US/US]; 641 Monterey Pass Road, Monterey Park, CA 91754 (US).
- (74) THOMAS, John, H.; John H. Thomas, P.C., 1561 East Main Street, Richmond, VA 23219 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE 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 IE IT LU 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 F16L 33/02
- (11) WO 03/038328 (13) A1
- (21) PCT/DE02/03401
- (22) 12 Sep/sep 2002 (12.09.2002)
- (25) de (26) de
- (30) 101 50 897.2 18 Oct/oct 2001 DE (18.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • HOSE CLAMPING DEVICE
- DISPOSITIF DE SERRAGE POUR TUYAU
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RUPPEL, Christian [DE/DE]; Hohe-markstrasse 5, 61462 Königstein (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AU BR CN IN 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).

Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AU BR CN IN JP KR EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
(u) for / pour US only / seulement

- (51)⁷ F16L 37/092, 37/084
- (11) WO 03/038329 (13) A1
- (21) PCT/FR02/03559
- (22) 17 Oct/oct 2002 (17.10.2002)
- (25) fr (26) fr
- (30) 01/14024 30 Oct/oct 2001 FR (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • COUPLER
- COUPLEUR
- (71) LEGRIS SA [FR/FR]; 74 rue de Paris, F-35000 Rennes (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LE QUERE, Philippe [FR/FR]; 1 Allée Champ Doret, F-35830 Betton (FR).
- (74) LAVIALLE, Bruno et al. / etc.; c/o Cabinet Boettcher, 22 rue du Général Foy, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(t) for the following designation / pour la désignation suivante : US

(51)⁷ F16L 55/165, G02B 6/50, H02G 9/06, 1/08, B29C 63/36

(11) WO 03/038330 (13) A1

(21) PCT/DE02/04001

(22) 24 Oct/oct 2002 (24.10.2002)

(25) de (26) de

(30) 101 53 086.2 30 Oct/oct 2001 DE (30.10.2001)

(30) 102 00 030.1 3 Jan/jan 2002 DE (03.01.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR FILLING OPEN CAVITIES AND FOR SECURING CABLES, EMPTY PIPES OR SIMILAR LINES IN THE BOTTOM AREA OF WASTE WATER PIPES BY USING A FILLING COMPOUND

• PROCEDE DE REMPLISSAGE DE CAVITES OUVERTES ET DE FIXATION DE CABLES, TUBES CREUX OU AUTRES LIGNES AU FOND DE TUBES DE CANALISATION D'EAUX USEES AU MOYEN D'UNE MASSE DE REMPLISSAGE

(71, 72) HENZE, Michael [DE/DE]; Mairring 10, 63500 Seligenstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16L 55/165

(11) WO 03/038331 (13) A1

(21) PCT/EP02/12084

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/003,582 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A LINER FOR REINFORCING A PIPE AND METHOD OF MAKING THE SAME

• GARNITURE DE RENFORCEMENT POUR CANALISATION, ET PROCEDES DE FABRICATION

(71) OWENS CORNING COMPOSITES S.P.R.L. [BE/BE]; 166, Chaussée de La Hulpe, B-1170 Brussels (BE).

OWENS-CORNING FIBERGLAS ESPANA, SA [ES/ES]; Carretera Commercial 1411 km 20, Saint Vincent de Castellet, E-08295 Barcelona (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RENAUD, Claude, M., J., G., L. [BE/BE]; 60, rue Haute, B-4650 Battice (BE). ADOLPHS, Georg [DE/ES]; Narcis Giralt, 16-E, E-08202 Sabadell (ES).

(74) WEST, Alan, H et al. / etc.; R G C Jenkins & Co., 26 Caxton Street, London, Greater London SW1H 0RJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F17C 5/00, 13/08

(11) WO 03/038332 (13) A1

(21) PCT/JP02/09695

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 2001-332721 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SUPPORT STRUCTURE OF HIGH PRESSURE CONTAINER
• STRUCTURE SUPPORT D'UN CONTEINEUR HAUTE PRESSION

(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) YOKOTE, Masatsugu [JP/JP]; 76-1, Mutsukawa 3-chome, Minami-ku, Yokohama-shi, Kanagawa 232-0066 (JP).

(74) MIYOSHI, Hidekazu et al. / etc.; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR US.

(84) EP (DE FR GB).

(51)⁷ F17C 7/00, B65D 90/30

(11) WO 03/038333 (13) A1

(21) PCT/NO02/00395

(22) 31 Oct/oct 2002 (31.10.2002)

(25) no (26) en

(30) 2001 5326 31 Oct/oct 2001 NO (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR ABSORBING VAPOURS AND GASSES FROM PRESSURE VESSELS

• PROCEDE D'ABSORPTION DE VAPEURS ET DE GAZ DE RESERVOIRS SOUS PRESSION

(71) PROCYSS AS [NO/NO]; Erleveien 16, N-4950 Risør (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRØDAL, Evert [NO/NO]; Erleveien 16, N-4950 Risør (NO).

(74) PROTECTOR INTELLECTUAL PROPERTY CONSULTANTS AS; P.O. Box 5074 Majorstuen, N-0301 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ F21S 8/00, F21V 15/01, 31/03 // F21Y 101:02

(11) WO 03/038334 (13) A1

(21) PCT/DE02/04007

(22) 24 Oct/oct 2002 (24.10.2002)

(25) de (26) de

(30) 201 17 420.0 24 Oct/oct 2001 DE (24.10.2001)

(30) 202 00 538.0 15 Jan/jan 2002 DE (15.01.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LUMINOUS ELEMENT

• CORPS LUMINEUX

(71, 72) KÖNECKE, Dirk [DE/DE]; Einumer Strasse 63, 31135 Hildesheim (DE).

(74) SCHEFFLER, Jörg; Tergau & Pohl, Hildesheimer Strasse 133, 30173 Hannover (DE) 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 DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility

model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F21V 3/04, 9/14, 5/00, B60Q 1/26

(11) WO 03/038335 (13) A1

(21) PCT/US02/34911

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 2001-334669 31 Oct/oct 2001 JP (31.10.2001)

(30) 2001-339359 5 Nov/nov 2001 JP (05.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AUTOMOTIVE LAMP

• LAMPE POUR VEHICULE AUTOMOBILE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EGASHIRA, Ken [—/—]; -

(74) KNECHT, Harold, C., III et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F21V 11/02, 11/06

(11) WO 03/038336 (13) A1

(21) PCT/IB02/04340

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) 01204202.4 1 Nov/nov 2001 EP (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LUMINAIRE AND LAMELLAE GRID FOR THIS

• LUMINAIRE ET GRILLE A LAMELLES ASSOCIEE

(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) HOLTEN, Petrus, A., J. [NL/NL]; 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F21V 21/112, F21S 8/06

(11) WO 03/038337 (13) A1

(21) PCT/IB02/04350

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) 01204102.6 29 Oct/oct 2001 EP (29.10.2001)

(30) 02077377.6 17 Jun/juin 2002 EP (17.06.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SUSPENSION ELEMENT AND LUMINAIRE PROVIDED WITH A SUSPENSION ELEMENT

• ELEMENT DE SUSPENSION ET LUMINAIRE EQUIPE D'UN TEL ELEMENT

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) KANEN, Arnoldus, H., C.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ROLFES, Johannes, G., A.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ F23C 10/10

(11) WO 03/038338 (13) A1

(21) PCT/EP02/12066

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 01402810.4 30 Oct/oct 2001 EP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A CIRCULATING FLUIDIZED BED REACTOR DEVICE

• DISPOSITIF DE REACTEUR A LIT FLUIDISE CIRCULANT

(71) ALSTOM (SWITZERLAND) LTD [CH/CH]; Brown Boveri Str. 7 / 699 / 5, CH-5401 BADEN (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAGLIONE, Daniel [FR/FR]; 26 Villa Remond, F-94250 GENTILLY (FR).

SEMEDARD, Jean-Claude [FR/FR]; 5 Rue Georges Saché, F-75014 PARIS (FR).

GAUVILLE, Pierre [FR/FR]; 9 Chemin de Paron, F-91370 VERRIERES (FR).

MORIN, Jean-Xavier [FR/FR]; 39 Rue du Cas Rouge Marchandon, F-45170 NEUVILLE AUX BOIS (FR).

FLORES, Emmanuel [FR/FR]; 1 Chemin des Ecoles, F-92350 LE PLESSIS ROBINSON (FR).

QUARANTA, Alain [FR/FR]; 10 Rue de Vignes, F-91640 FONTENAY LES BRIIS (FR).

BONNAND, Christian [FR/FR]; 12ter Rue de la Libération, F-59830 BACHY (FR).

(74) INTES, Didier et al. / etc.; CABINET BEAU DE LOMENIE, 158 Rue de l'Université, F-75340 PARIS Cedex 07 (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 SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 F23D 14/22, F23C 9/00, F23D 14/66, F23C 6/04

(11) WO 03/038339 (13) A1

(21) PCT/US02/35029

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/336,539 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FURNACE HAVING INCREASED ENERGY EFFICIENCY AND REDUCED POLLUANT FORMATION

• FOUR A EFFICACITE ENERGETIQUE AMELIOREE ET FORMATION DE POLLUANTS REDUITE

(71) THE REGENTS OF THE UNIVERSITY OF MICHIGAN [US/US]; Technology Management Office, Wolverine Tower, Room 2071, 3003 South State Street, Ann Arbor, MI 48109-1280 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARVIND, Atreya [IN/US]; 1220 Fairmount Drive, Ann Arbor, MI 48105-2832 (US).

(74) ERJAVAC, Stanley, 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 VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F23Q 7/00

(11) WO 03/038340 (13) A1

(21) PCT/DE02/02596

(22) 16 Jul/juil 2002 (16.07.2002)

(25) de (26) de

(30) 101 52 175.8 23 Oct/oct 2001 DE (23.10.2001)

(30) 101 57 466.5 23 Nov/nov 2001 DE (23.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ELECTRICALLY HEATABLE GLOW PLUG AND METHOD FOR PRODUCING SAID ELECTRICALLY HEATABLE GLOW PLUG

• BOUGIE DE PRECHAUFFAGE ELECTRIQUE ET PROCEDE DE FABRICATION DE CELLE-CI

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70422 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REISSNER, Andreas [DE/DE]; Wendelin-Hipler-Strasse 24, 70499 Stuttgart (DE).

KUSSMAUL, Armin [DE/DE]; Emmy-Noether-Str. 53, 74321 Bietigheim-Bissingen (DE).

CARBON, Stefan [DE/DE]; Dorothea-Schlegel-Weg 8, 73614 Schorndorf (DE).

KERN, Christoph [DE/DE]; Wilhelmstr. 5, 71546 Aspach (DE).

(81) HU IN JP KR PL US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ F24B 1/189

(11) WO 03/038341 (13) A1

(21) PCT/FR02/03747

(22) 30 Oct/oct 2002 (30.10.2002)

(25) fr (26) fr

(30) 01/14122 31 Oct/oct 2001 FR (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DISMOUNTABLE SMOKE BOX WITH AUTOMATIC CHECK VALVE FOR A HEATING APPARATUS

• BOITE A FUMEEES DEMONTABLE A CLAPET AUTOMATIQUE INTEGRE POUR UN APPAREIL DE CHAUFFAGE

(71) FONDIS S.A. [FR/FR]; Zone Industrielle de Vieux-Thann, 18, rue Guy de Place, 68800 Thann (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RICHARD, Robert [FR/FR]; 38, rue du Steinby, F-68800 Thann (FR).

(74) METZ, Paul; Cabinet Metz Patni, B.P. 63, F-67024 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 F24D 17/02, F24H 4/04, F24J 2/24

(11) WO 03/038342 (13) A1

(21) PCT/AU02/01444

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) PR 8658 2 Nov/nov 2001 AU (02.11.2001)

(30) PR 9231 30 Nov/nov 2001 AU (30.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • IMPROVED WATER HEATER

• CHAUFFE-EAU AMELIORE

(71) QUANTUM ENERGY TECHNOLOGIES PTY LIMITED [AU/AU]; Unit 1, 130 Garden Grove Parade, Adamstown, NSW 2289 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARMON, Steve [AU/AU]; Unit 1, 130 Garden Grove Parade, Adamstown, NSW 2289 (AU).

YOU, Ying [AU/AU]; Unit 1, 130 Garden Grove Parade, Adamstown, NSW 2289 (AU).

(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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 F24D 19/10, G01K 17/06, G05D 23/19

(11) WO 03/038343 (13) A1

(21) PCT/NO02/00369

(22) 11 Oct/oct 2002 (11.10.2002)

(25) no (26) en

(30) 20014974 12 Oct/oct 2001 NO (12.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND MEANS FOR MEASURING, CONTROLLING AND RECORDING SUPPLIED ENERGY AMOUNT WHEN DELIVERING ENERGY TO A CONSUMER

• PROCEDE ET DISPOSITIF PERMETTANT DE MESURER, REGULER ET ENREGISTRER UNE QUANTITE D'ENERGIE ACHEMINEE A UN CONSOMMATEUR LORS D'UNE DISTRIBUTION D'ENERGIE

(71) SOLARNOR AS [NO/NO]; P.O.Box 352, N-1323 Høvik (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REKSTAD, John [NO/NO]; Nedre Grønlivei 31B, N-1472 Fjellhamar (NO).

MEIR, Michaela [NO/NO]; Jac. Aalls gt. 23B, N-0364 Oslo (NO).

(74) BRYN & AARFLOT AS; P.O.Box 449 Sentrum, N-0104 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F24F 3/147

(11) WO 03/038344 (13) A1

(21) PCT/JP02/10965

(22) 22 Oct/oct 2002 (22.10.2002)

(25) ja (26) ja

(30) 2001-332099 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AIR CONDITIONER

• APPAREIL DE CLIMATISATION

(71) DAIKIN INDUSTRIES, LTD. [JP/JP]; Umeda Center Bldg., 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YABU, Tomohiro [JP/JP]; c/o Kanaoka Factory, Sakai Plant, DAIKIN INDUSTRIES, LTD., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP). ISHIDA, Satoshi [JP/JP]; c/o Kanaoka Factory, Sakai Plant, DAIKIN INDUSTRIES, LTD., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP). KIKUCHI, Yoshimasa [JP/JP]; c/o Kanaoka Factory, Sakai Plant, DAIKIN INDUSTRIES,

- LTD., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP).
- (74) MAEDA, Hiroshi et al. / etc.; Taihei Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 3/147, 7/08
- (11) WO 03/038345 (13) A1
- (21) PCT/JP02/11123
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) ja (26) ja
- (30) 2001/334214 31 Oct/oct 2001 JP (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • AIR CONDITIONER
• CLIMATISEUR
- (71) DAIKIN INDUSTRIES, LTD. [JP/JP]; Umeda Center Bldg., 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YABU, Tomohiro [JP/JP]; c/o Kanaoka Factory, Sakai Plant, DAIKIN INDUSTRIES, LTD., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP). KIKUCHI, Yoshimasa [JP/JP]; c/o Kanaoka Factory, Sakai Plant, DAIKIN INDUSTRIES, LTD., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP).
- (74) MAEDA, Hiroshi et al. / etc.; Taihei Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F24F 6/14
- (11) WO 03/038346 (13) A1
- (21) PCT/CA02/01487
- (22) 2 Oct/oct 2002 (02.10.2002)
- (25) en (26) en
- (30) 09/984,643 30 Oct/oct 2001 US (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • HUMIDIFIER
• HUMIDIFICATEUR
- (63) US 09/984,643 (CON) 30 Oct/oct 2001 (30.10.2001)
- (71) HYDROGENICS CORPORATION [CA/CA]; 5985 McLaughlin Road, Mississauga, Ontario L5R 1B8 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YE, Jianming [CA/CA]; 22-101 Rosseau Road, North York, Ontario M3H 3G2 (CA). SIMPSON, Todd, A. [CA/CA]; 809-10 Kensington Road, Brampton, Ontario L6T 3V4 (CA). CARGNELLI, Joseph [CA/CA]; 18 Fairhaven Drive, Toronto, Ontario M9P 2P6 (CA).
- (74) BERESKIN & PARR; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F24H 3/06, 3/04, F02C 3/04
- (11) WO 03/038347 (13) A1
- (21) PCT/CA02/01621
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 2,362,537 1 Nov/nov 2001 CA (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PORTABLE AIR HEATER AND ELECTRIC POWER GENERATOR WITH COMPRESSOR/TURBINE UNIT
• RECHAUFFEUR D'AIR PORTABLE ET GENERATEUR D'ENERGIE ELECTRIQUE POURVU D'UNE UNITE COMPRESSEUR/TURBINE
- (71, 72) FERNANDES, Luiz, Claudio, Vieira [BR/CA]; 30 Carlyle Ave., Ottawa, Ontario K1S 4Y3 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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(u) for / pour US only / seulement
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- (51)⁷ F24J 2/06, 2/18, C12M 1/00, H01L 31/052, F21S 11/00, 8/00
- (11) WO 03/038348 (13) A1
- (21) PCT/US02/29645
- (22) 18 Sep/sep 2002 (18.09.2002)
- (25) en (26) en
- (30) 09/953,848 18 Sep/sep 2001 US (18.09.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ADAPTIVE, FULL-SPECTRUM SOLAR ENERGY SYSTEM
• SYSTEME D'ENERGIE SOLAIRE ADAPTATIF A SPECTRE COMPLET
- (71) UT-BATTELLE, LLC [US/US]; P.O. Box 2008, Oak Ridge, TN 37831 (US).
- (72) MUHS, Jeffrey, D.; 4023 Highway 70E, Lenoir City, TN 37772 (US). EARL, Dennis, D.; 5913 West Pine Lane, Knoxville, TN 37909 (US).
- (74) HARDAWAY, John, B., III et al. / etc.; Nexsen Pruet Jacobs & Pollard, LLC, P.O. Box 10107, Greenville, SC 29603 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations
-
- (51)⁷ F24J 2/54
- (11) WO 03/038349 (13) A1
- (21) PCT/EP02/11851
- (22) 23 Oct/oct 2002 (23.10.2002)
- (25) de (26) de
- (30) 101 54 909.1 30 Oct/oct 2001 DE (30.10.2001)
- (30) 101 62 116.7 12 Dec/déc 2001 DE (12.12.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SOLAR ENERGY SYSTEM
• INSTALLATION SOLAIRE
- (71, 72) LÖSCHMANN, Thomas [DE/DE]; Stromstrasse 23 / Aufg. 1, 10551 Berlin (DE).
- (74) SCHNEIDER, Henry et al. / etc.; Gulde Hengelhaupt Ziebig & Schneider, Schützenstrasse 15-17, 10117 Berlin (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 US UZ VN YU ZA.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F25B 9/04, G10K 15/04

(11) WO 03/038350 (13) A1

(21) PCT/GB02/04938

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 0126387.0 2 Nov/nov 2001 GB (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS FOR GENERATING ULTRASOUND

• APPAREIL POUR GENERER DES ULTRASONS

(71) SONICO LIMITED [GB/GB]; Purac House, Birmingham Road, Kidderminster DY10 2SH (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CRANE, Michael [GB/GB]; Sonico Limited, Purac House, Birmingham Road, Kidderminster DY10 2SH (GB).

(74) SUËR, Steven, Johannes et al. / etc.; Ablett & Stebbing, Caparo House, 101-103 Baker Street, London W1U 6FQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F25B 47/00, F24F 3/16, C02F 1/72, 1/78, A61L 9/015

(11) WO 03/038351 (13) A1

(21) PCT/AU02/01479

(22) 4 Nov/nov 2002 (04.11.2002)

(25) en (26) en

(30) PR 8614 2 Nov/nov 2001 AU (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • REFRIGERATION PURIFIERS

• PURIFICATEURS POUR SYSTEMES DE REFRIGERATION

(71) OZONE MANUFACTURING PTY LTD [AU/AU]; 694 South Road, Wingfield, S.A. 5013 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OKE, Simon, Forbes [AU/AU]; 694 South Road, Wingfield, S.A. 5013 (AU).

(74) COLLISON & CO; 117 King William Street, Adelaide, S.A. 5000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F25B 49/02, 1/00, F25D 23/00

(11) WO 03/038352 (13) A1

(21) PCT/JP02/11324

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ja (26) ja

(30) 2001/336602 1 Nov/nov 2001 JP (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • REFRIGERATOR

• REFRIGERATEUR

(71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

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(72, 75) NONAKA, Hikaru [JP/JP]; 6-13-305, Yamatedai 2-chome, Ibaraki-shi, Osaka 567-0009 (JP). HIRAI, Shinji [JP/JP]; 27-19, Yamatedai 3-chome, Ibaraki-shi, Osaka 567-0009 (JP). UENOYAMA, Yoshihiko [JP/JP]; 37-13, 2-chome, Kotobuki-cho, Takatsuki-shi, Osaka 569-0826 (JP). SAKUMA, Tsutomu [JP/JP]; 12-2-213, Higashichujo-cho, Ibaraki-shi, Osaka 567-0885 (JP). SARUTA, Susumu [JP/JP]; 20-1-1524, Higashinakaburi 2-chome, Hirakata-shi, Osaka 573-0093 (JP). HASHIMOTO, Shoji [JP/JP]; 5-A-802, Higashioda 3-chome, Ibaraki-shi, Osaka 567-0012 (JP).

(74) SATO, Tsuyoshi; Nagoya Aoba Seimei Building, 6-15, Sakae 4-chome, Naka-ku, Nagoya-shi, Aichi 460-0008 (JP).

(81) CN KR US.

(84) EP (DE FR GB IT).

(51)⁷ F25B 49/02, F24D 17/02, F24F 5/00

(11) WO 03/038353 (13) A1

(21) PCT/SE02/01981

(22) 31 Oct/oct 2002 (31.10.2002)

(25) sv (26) en

(30) 0103622-7 1 Nov/nov 2001 SE (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR CONTROL OF A HEAT PUMP AND A HEAT PUMP FOR CARRYING OUT THE METHOD

• PROCEDE DE COMMANDE D'UNE POMPE A CHALEUR ET POMPE A CHALEUR PERMETTANT DE METTRE EN OEUVRE LEDIT PROCEDE

(71, 72) HEDLUND, Gunnar [SE/SE]; Setons Väg 8, S-182 33 Danderyd (SE).

(74) GRIP, Joakim; 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F25D 3/11 // A23L 3/36

(11) WO 03/038354 (13) A1

(21) PCT/NO02/00314

(22) 9 Sep/sep 2002 (09.09.2002)

(25) en (26) en

(30) 20015299 29 Oct/oct 2001 NO (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A METHOD AND AN APPARATUS FOR REFRIGERATING AND/OR FREEZING PRODUCTS

• PROCEDE ET APPAREIL DE REFRIGERATION ET/OU DE CONGELATION DE PRODUITS

(71) NORSK HYDRO ASA [NO/NO]; N-0240 Oslo (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KARLSEN, Stig, Are [NO/NO]; Lunde Terrasse 45B, N-3941 Porsgrunn (NO).

(74) BERG, André; 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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F25D 11/04, 13/00

(11) WO 03/038355 (13) A1

(21) PCT/JP02/11430

(22) 1 Nov/nov 2002 (01.11.2002)

(25) ja (26) ja

(30) 2001-337036 1 Nov/nov 2001 JP (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HIGHLY-EFFICIENT FREEZING APPARATUS AND HIGHLY-EFFICIENT FREEZING METHOD

• APPAREIL ET PROCEDE DE CONGELATION DE GRANDE EFFICACITE

(71) ABI CO.,LTD. [JP/JP]; 7-3-9, Namiki, Abiko-shi, Chiba 270-1165 (JP).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **OWADA, Norio** [JP/JP]; c/o ABI Co., Ltd., 7-3-9, Namiki, Abiko-shi, Chiba 270-1165 (JP).
- (74) **KOBAYASHI, Eiichi**; Tamawa Bldg., 2-18, Honcho 6-chome, Funabashi-shi, Chiba 273-0005 (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 **F25D 25/02**
- (11) **WO 03/038356** (13) A1
- (21) PCT/EP02/11319
- (22) **9 Oct/oct 2002 (09.10.2002)**
- (25) de (26) de
- (30) 101 53 621.6 **31 Oct/oct 2001 (31.10.2001)** DE
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • REFRIGERATING APPLIANCE COMPRISING ADJUSTABLE SHELVES
- APPAREIL FRIGORIFIQUE A TABLETTES REGLABLES
- (71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Hochstr. 17, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FÄRBER, Karlheinz** [DE/DE]; Giegerweg 1, 89537 Giengen (DE).
HAFTLMEIER, Theo [DE/DE]; Feldlesweg 17, 89537 Giengen (DE).
- (74) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH**; Hochstrasse 17, 81669 München (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

- (51)⁷ **F25J 1/00**
- (11) **WO 03/038357** (13) A1
- (21) PCT/US02/31032

- (22) **1 Oct/oct 2002 (01.10.2002)**
- (25) en (26) en
- (30) 09/984,376 **30 Oct/oct 2001 (30.10.2001)** US
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • APPARATUS FOR RAPID, HIGH VOLUME PRODUCTION OF SOLID CO₂ PELLETS
- APPAREIL DE PRODUCTION RAPIDE ET A GRAND DÉBIT DE GRANULES DE CO<SB>2</SB> SOLIDES
- (71) **ELIAS, Albert, S.** [US/US]; Fiberand, Inc., 8820 SW 149th Street, Miami, FL 33176 (US).
- (72) **PRONI, Oscar**; 4501 Monroe Street, Hollywood, FL 33021 (US). **ELIAS, Marc, C.**; 8820 SW 149th Street, Miami, FL 33176 (US).
- (74) **SCHERER, Jonathan, L.** et al. / etc.; Jacobson Holman, PLLC, The Jenifer Building, 400 Seventh Street, N.W., Washington, DC 20004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ **F25J 3/02**
- (11) **WO 03/038358** (13) A1
- (21) PCT/FR02/03490
- (22) **11 Oct/oct 2002 (11.10.2002)**
- (25) fr (26) fr
- (30) 01/14141 **31 Oct/oct 2001 (31.10.2001)** FR
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND INSTALLATION FOR SEPARATING A GAS CONTAINING METHANE AND ETHANE WITH TWO COLUMNS OPERATING AT TWO DIFFERENT PRESSURES
- PROCEDE ET INSTALLATION DE SEPARATION D'UN GAZ CONTENANT DU METHANE ET DE L'ETHANE A DEUX COLONNES FONCTIONNANT SOUS DEUX PRESSIONS DIFFERENTES
- (71) **TECHNIP-COFLEXIP** [FR/FR]; Immeuble Technip, La Défense 6, 170, place Henri Régnauld, F-92973 Paris La Défense Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PARADOWSKI, Henri** [FR/FR]; 32, rue Serpente, F-95800 Cergy (FR).
- (74) **BLOT, Philippe** et al. / etc.; Cabinet Lavoix, 2, place d'Estienne d'Orves, F-75441 Paris Cedex 09 (FR).

- (81) AE CA CN DZ ID NO RU TT US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)

- (51)⁷ **F25J 3/04**
- (11) **WO 03/038359** (13) A1
- (21) PCT/FI02/00790
- (22) **9 Oct/oct 2002 (09.10.2002)**
- (25) fi (26) en
- (30) 20011969 **10 Oct/oct 2001 (10.10.2001)** FI
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PROCESS OPERATING AT NORMAL PRESSURE FOR PRODUCING OXYGEN OR AIR ENRICHED WITH OXYGEN
- PROCEDE DE PRODUCTION D'OXYGENE OU D'AIR ENRICHI EN OXYGENE A UNE PRESSION NORMALE
- (71) **NURMIA, Wendie** [US/FI]; Ristonmäenrinne 9, FIN-40500 Jyväskylä (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **NURMIA, Matti** [FI/FI]; Ristonmäenrinne 9, FIN-40500 Jyväskylä (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **F27D 1/16, C04B 28/00**
- (11) **WO 03/038360** (13) A1
- (21) PCT/US02/34300
- (22) **25 Oct/oct 2002 (25.10.2002)**
- (25) en (26) en
- (30) 10/007,851 **31 Oct/oct 2001 (31.10.2001)** US
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD, COMPOSITION AND APPARATUS FOR CONTROLLED CONCRETE
- PROCEDE, COMPOSITION ET APPAREIL PERMETTANT D'OBTENIR DU BETON DE MANIERE COMMANDEE
- (71) **SPECIALTY MINERALS (MICHIGAN) INC.** [US/US]; 30600 Telegraph Road, Birmingham Farms, MI 48025 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COLAVITO, Dominick, Michael [US/US]; 50 Beechwood Court, Bangor, PA 18013 (US). SCHMIDT, Joseph, Michael [US/US]; RR 3 Box 3134 Hill Court, Saylorsburg, PA 18353 (US). BUSCARINI, Michael, Joseph [CA/CA]; 20 Milverton Close, Waterdown, Ontario LOR-2H3 (CA). ROSSO, James, Charles, Peter [CA/CA]; 10 Teeple Street, Waterdown, Ontario LOR-2H3 (CA). SCHMIDT, Ronald, Warren [US/US]; 4904 Waterfall Drive, Macungie, PA 18062 (US). GRIFFIN, Richard, Charles [US/US]; 696 South Delaware Drive, Mount Bethel, PA 18343 (US).

(74) POWELL, Marvin, J.; Minerals Technologies Inc., 1 Highland Avenue, Bethlehem, PA 18017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ F27D 17/00

(11) WO 03/038361 (13) A1

(21) PCT/US01/42321

(22) 25 Sep/sep 2001 (25.09.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS AND METHOD FOR VITRIFICATION OF CONTAMINATED SOIL OR WASTE

• APPAREIL ET PROCÉDE DE VITRIFICATION DE SOL OU DE DECHETS CONTAMINÉS

(71) AMEC CAPITAL PROJECTS LIMITED [GB/GB]; William Press House, Haughton Road, Darlington DL1 2ED (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THOMPSON, Leo, E. [US/US]; 9014 West John Day Avenue, Kennewick, WA 99336 (US). LOWERY, Patrick, S. [US/US]; 714 South Penn Place, Kennewick, WA 99336 (US). WOOSLEY, Steven, L. [US/US]; 4108 Mojave Court, Pasco, WA 99301 (US).

(74) HEIMBECHER, Reed, R. et al. / etc.; Dorsey & Whitney LLP, Republic Plaza Building, Suite 4700, 370 Seventeenth Street, Denver, CO 80202-5647 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F28B

(11) WO 03/038362 (13) A2

(21) PCT/IE02/001153

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) PCT/IE01/00140 2 Nov/nov 2001 IE (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • THERMAL STRATIFYING CONTACT CONDENSER FOR USE IN AND RELATING TO VAPOUR CYCLE DEVICES

• CONDENSATEUR A CONTACT DE STRATIFICATION THERMIQUE A UTILISER DANS DES DISPOSITIFS A CYCLE DE COMPRESSION DE VAPEUR

(71, 72) MORAN, Gerard [IE/IE]; 22 Carrickbrack Heath, Sutton, Dublin 13 (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F28D

(11) WO 03/038363 (13) A2

(21) PCT/GB02/05104

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 0125946.4 29 Oct/oct 2001 GB (29.10.2001)

(30) 0210794.4 10 May/mai 2002 GB (10.05.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HEAT EXCHANGERS

• ECHANGEUR THERMIQUE

(71) CHART HEAT EXCHANGERS LIMITED [GB/GB]; Wobaston Road, Fordhouses, Wolverhampton WV10 6QB (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SYMONDS, Keith, Thomas [GB/GB]; 4 Lansdowne Avenue, Codsall, Staffordshire WV8 2EN (GB). CHATWIN, Christopher, John [GB/GB]; 2 Bartlett Close, Penkridge, Stafford ST19 5JG (GB).

(74) LAURENCE SHAW & ASSOCIATES; Metropolitan House, 1 Hagley Road, Edgbaston, Birmingham B16 8TG (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F28D 15/00

(11) WO 03/038364 (13) A1

(21) PCT/KR02/01902

(22) 11 Oct/oct 2002 (11.10.2002)

(25) ko (26) en

(30) 2001/62740 11 Oct/oct 2001 KR (11.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A WASTE HEAT RECOVERING DEVICE, CLEANING-WATER AUTO-FILTERING DEVICE, AND EXHAUST GAS REGENERATING DEVICE FOR TENTERS

• DISPOSITIF DE RECUPERATION DE CHALEUR PERDUE, DISPOSITIF D'AUTO-FILTRATION D'EAU DE NETTOYAGE ET DISPOSITIF DE REGENERATION DE GAZ D'ECHAPPEMENT POUR RAMES

(71, 72) IM, Ho-Kwon [KR/KR]; 702ho 802-dong NewSeoul Apt. Podo-maoul 1171 Jungl-dong Wonmi-ku, 423-853 Bucheon (KR).

(74) KIM, Seung-Mok; Hae Chon Patent Law Office, 402ho Yangji Bldg. 735-33 Yeoksam-dong Kangnam-ku, 135-080 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 F28F 27/00

(11) WO 03/038365 (13) A1

(21) PCT/US02/33606

(22) 21 Oct/oct 2002 (21.10.2002)

(25) en (26) en

(30) 10/045,779 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INTERRUPTIBLE THERMAL BRIDGE SYSTEM
• ENSEMBLE PONT THERMIQUE INTERRUPTIBLE

(71) ITB SOLUTIONS LLC. [US/US]; 35 Pinelawn Road, Suite 208E, Melville, NY 11747 (US).

(72) BAKER, Rex, III; 250 Dodge Hollow Road, Lempster, NH 03605 (US).

(74) STIEFEL, Maurice, B. et al. / etc.; Bryan Cave LLP, 245 Park Avenue, New York, NY 10167 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 F41A

(11) WO 03/038366 (13) A2

(21) PCT/US01/48688

(22) 30 Oct/oct 2001 (30.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • A METHOD AND APPARATUS FOR PROVIDING A FIREARM SAFETY LOCK

• PROCEDE ET APPAREIL POUR SUR-RETE D'ARMES A FEU

(71, 72) SCHINIS, Savvas [US/US]; 11 New Street, Ansonia, CT 06401 (US).

(74) LEVITSKY, Paul, A.; 107 Grist Mill Road, Monroe, CT 06468 (US).

(81) CN CZ RU 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 F41B 11/06, F42B 6/00, 30/04, 30/10, B64G 1/10, F41A 21/02

(11) WO 03/038367 (13) A1

(21) PCT/AU02/01492

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) PR 8659 2 Nov/nov 2001 AU (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PROJECTILE FIRING DEVICE USING LIQUIFIED GAS PROPELLANT

• DISPOSITIF DE MISE A FEU DE PROJECTILES FAISANT APPEL A UN GAZ PROPULSEUR LIQUEFIE

(71) POLY SYSTEMS PTY LIMITED [AU/AU]; Main Road, George Town, TAS 7253 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEBB, Roger, Clyde [AU/AU]; 20 St Helen Street, Lindisfarne, TAS 7015 (AU).

(74) HODGKINSON OLD McINNES; Level 3, 20 Alfred Street, Milsons Point, NSW 2061 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F42B 12/66, 25/00

(11) WO 03/038368 (13) A1

(21) PCT/AU02/01503

(22) 4 Nov/nov 2002 (04.11.2002)

(25) en (26) en

(30) PR 8671 2 Nov/nov 2001 AU (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MUNITIONS

• MUNITIONS

(71) MARINE RESEARCH WA PTY LTD [AU/AU]; 26 Rous Head Road, North Fremantle, Western Australia 6159 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURNS, Alan, Robert [AU/AU]; 26 Rous Head Road, North Fremantle, Western Australia 6159 (AU).

(74) WRAY & ASSOCIATES; Level 4, The Quadrant, 1 William Street, Perth, Western Australia 6000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 F42B 27/00, F42C 14/02

(11) WO 03/038369 (13) A1

(21) PCT/SE02/01861

(22) 11 Oct/oct 2002 (11.10.2002)

(25) sv (26) en

(30) 0103408-1 12 Oct/oct 2001 SE (12.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HAND GRENADE

• GRENADE A MAIN

(71) FÖRSVARETS MATERIELVERK [SE/SE]; S-115 88 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KINLEY, Ian [SE/SE]; Aniaravägen 3, S-175 65 Järfälla (SE).

(74) FÖRSVARETS MATERIELVERK; Patentenheten, S-115 88 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01B 3/10

(11) WO 03/038370 (13) A1

(21) PCT/US02/34700

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 10/003,198 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MEASURING DEVICE

• DISPOSITIF DE MESURE

(71) J & A DEVELOPMENT ASSOCIATES, INC. [US/US]; 1305 Dickerson Road, Teaneck, NJ 07666 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ERDFARB, Jeffrey [US/US]; 1305 Dickerson Road, Teaneck, NJ 07666 (US).

(74) MELORO, Thomas, J. et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01B 7/00, 11/00

(11) WO 03/038371 (13) A1

(21) PCT/JP02/03884

(22) 18 Apr/avr 2002 (18.04.2002)

(25) ja (26) ja

(30) 2001-333299 30 Oct/oct 2001 JP
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • DISPLACEMENT SENSOR
• CAPTEUR DE DEPLACEMENT

(71) NIHON UNIVERSITY [JP/JP]; 8-24, Ku-
danminami 4-chome, Chiyoda-ku, Tokyo
102-0074 (JP).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) OMATA, Sadao [JP/JP]; c/o Nihon Uni-
versity, 8-24, Kudanminami 4-chome, Chiy-
oda-ku, Tokyo 102-0074 (JP).

(74) OTAKI, Hitoshi; Seiho Bldg. 4F, 7-7, Ueno
3-chome, Taito-ku, Tokyo 110-0005 (JP).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ G01B 05/20, B07C 05/04

(11) WO 03/038372 (13) A1

(21) PCT/US02/34399

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 10/040,216 29 Oct/oct 2001 US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • A METHOD AND SYSTEM OF SORT-
ING A PLURALITY OF RECEIVED AR-
TICLES HAVING VARYING SIZE AND
SHAPE
• PROCEDE ET SYSTEME DE TRI
D'UNE PLURALITE D'ARTICLES
RECUS DE TAILLE ET DE FORME
VARIABLES

(71) FMC TECHNOLOGIES, INC. [US/US];
200 East Randolph Drive, Chicago, IL 60601
(US).

(72) BAIRD, Randy; R.D. #1, Box 232, Bolivar,
PA 15923 (US). DEAN, Arthur, L.; 2750 Re-
becca Drive, Indiana, PA 15701 (US).

(74) GEIMER, Stephen, D.; Wood, Phillips,
Katz, Clark & Mortimer, Suite 3800,
600 West Madison Street, Chicago, IL
60661-2511 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01B 11/00

(11) WO 03/038373 (13) A2

(21) PCT/US02/34211

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 10/055,183 26 Oct/oct 2001 US
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • CHARACTERIZATION OF OPTICAL
PREFORMS
• CARACTERISATION DE PREFORMES
OPTIQUES

(71) CORNING INCORPORATED [US/US]; 1
Riverfront Plaza, Corning, NY 14831 (US).

(72) ELLISON, Joseph, F.; 2030 Harris Road,
Penfield, NY 14526 (US). LINDNER,
Michael, W.; 2769 Spencer Hill Road, Corn-
ing, NY 14830 (US).

(74) SCHAEBERLE, Timothy, M.; Corning In-
corporated, SP TI 3 1, Corning, NY 14831
(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 G01B 11/06

(11) WO 03/038374 (13) A1

(21) PCT/US02/31680

(22) 3 Oct/oct 2002 (03.10.2002)

(25) en (26) en

(30) 10/033,066 26 Oct/oct 2001 US
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • METHOD AND SYSTEM FOR DETER-
MINING A THICKNESS OF A LAYER
• PROCEDE ET SYSTEME PERMET-
TANT DE DETERMINER L'EPAISSEUR
D'UNE COUCHE

(71) MOTOROLA, INC., A CORPORA-
TION OF THE STATE OF DELAWARE
[US/US]; 1303 East Algonquin Road,
Schaumburg, IL 60196 (US).

(72) FRISA, Larry.; 2006 Spring Hollow Path,
Round Rock, TX 78681 (US). MAUTZ,
Karl; 2306 Woodway North, Round Rock,
TX 78681 (US).

(74) KOCH, William, E.; Corporate Law De-
partment, 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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01B 21/04, 5/004, 7/004, 11/00

(11) WO 03/038375 (13) A1

(21) PCT/GB02/04936

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 0126232.8 1 Nov/nov 2001 GB
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • CALIBRATION OF A PROBE
• ETALONNAGE D'UNE SONDÉ

(71) RENISHAW PLC [GB/GB]; New Mills,
Wotton-under-Edge, Gloucestershire GL12
8JR (GB).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) HAJDUKIEWICZ, Peter [GB/GB];
Shamrock Cottage, Sapperton, Cirencester,
Gloucestershire GL7 6LQ (GB). MCFAR-
LAND, Geoffrey [GB/GB]; The Manse, 22
Church Road, Upper Cam, Dursley, Glouces-
tershire GL11 5PG (GB). WALLACE,
David, Sven [GB/GB]; 89 Ewen, Cirences-
ter, Gloucestershire GL7 6BT (GB).

(74) JACKSON, John, Timothy et al. / etc.;
Renishaw PLC, Patent Department, New
Mills, Wotton-Under-Edge, Gloucestershire
GL12 8JR (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01C 21/00, G08G 1/09, 1/0969

(11) WO 03/038376 (13) A1

(21) PCT/JP02/10646

(22) 15 Oct/oct 2002 (15.10.2002)

(25) ja (26) ja

(30) 2001/330467 29 Oct/oct 2001 JP
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • NAVIGATION SYSTEM
• SYSTEME DE NAVIGATION

(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) SAIKI, Masahiro [JP/JP]; 2-2-15-505, Kobuchi, Sagamihara-shi, Kanagawa 229-0004 (JP).

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G01C 21/00, G08G 1/09, 1/0969

(11) WO 03/038377 (13) A1

(21) PCT/JP02/11412

(22) 1 Nov/nov 2002 (01.11.2002)

(25) ja (26) ja

(30) 2001-338782 2 Nov/nov 2001 JP (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TERMINAL APPARATUS

• APPAREIL TERMINAL

(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) SATO, Junichi [JP/JP]; 2-3-1-2-509, Sakyo, Nara-shi, Nara 631-0801 (JP). YAMAGUCHI, Takao [JP/JP]; 7-23-6-201, Tamagawagakuen, Machida-shi, Tokyo 194-0041 (JP). ITO, Tomoaki [JP/JP]; 3-7-11-302, Minamiikuta, Tama-ku, Kawasaki-shi, Kanagawa 214-0036 (JP).

(74) WASHIDA, Kimihito; 5th Floor, Shin-toshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G01C 21/28

(11) WO 03/038378 (13) A1

(21) PCT/EP02/10581

(22) 20 Sep/sep 2002 (20.09.2002)

(25) de (26) de

(30) 101 53 212.1 31 Oct/oct 2001 DE (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NAVIGATION SYSTEM FOR DETERMINING THE COURSE OF A VEHICLE
• SYSTEME DE NAVIGATION DESTINE A DETERMINER LA TRAJECTOIRE D'UN VEHICULE

(71) STN ATLAS ELEKTRONIK GMBH [DE/DE]; Sebaldsbrücker Heerstrasse 235, 28305 Bremen (DE).

(72) SCHMIEGEL, Armin; Ohserstrasse 38c, 28279 Bremen (DE).

(74) THUL, Hermann; Zentrale Patentabteilung, Rheinmetall Aktiengesellschaft, Rheinmetall Allee 1, 40476 Düsseldorf (DE).

(81) CA NO.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ G01D 5/244, 5/20

(11) WO 03/038379 (13) A1

(21) PCT/GB02/01204

(22) 14 Mar/mar 2002 (14.03.2002)

(25) en (26) en

(30) 0126014.0 30 Oct/oct 2001 GB (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SENSING APPARATUS AND METHOD
• APPAREIL ET PROCEDURE DE DETECTION

(71) GENTECH INVESTMENT GROUP AG [CH/CH]; Baarerstrasse 112, Treuhand- und Revisionsgesellschaft Zug, CH-6302 Zug (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JONES, Ross, Peter [AU/GB]; Sensopad Technologies Limited, Harston Mill, Harston, Cambridgeshire CB2 5GG (GB). DOYLE, Richard, Alan [GB/GB]; Sensopad Technologies Limited, Harston Mill, Harston, Cambridgeshire CB2 5GG (GB). HOWARD, Mark, Anthony [GB/GB]; Sensopad Technologies Limited, Harston Mill, Harston, Cambridgeshire CB2 5GG (GB). JAMES, David, Alun [GB/GB]; Sensopad Technologies Limited, Harston Mill, Harston, Cambridgeshire CB2 5GG (GB). KREIT, Darran [GB/GB]; Sensopad Technologies Limited, Harston Mill, Harston, Cambridgeshire CB2 5GG (GB). SILLS, Colin, Stuart [GB/GB]; Sensopad Technologies Limited, Harston Mill, Harston, Cambridgeshire CB2 5GG (GB).

(74) BERESFORD, Keith, Denis, Lewis et al. / etc.; Beresford & Co., 2-5 Warwick Court, High Holborn, London WC1R 5DH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01D 5/244, 5/20

(11) WO 03/038380 (13) A1

(21) PCT/GB02/04814

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 0126014.0 30 Oct/oct 2001 GB (30.10.2001)

(30) 0205778.4 12 Mar/mar 2002 GB (12.03.2002)

(30) PCT/GB02/01204 14 Mar/mar 2002 GB (14.03.2002)

(30) 0211559.0 20 May/mai 2002 GB (20.05.2002)

(30) 0217745.9 31 Jul/juil 2002 GB (31.07.2002)

(30) 0223112.4 7 Oct/oct 2002 GB (07.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A POSITION SENSOR

• DETECTEUR DE POSITION

(71) SCIENTIFIC GENERICS LIMITED [GB/GB]; Harston Mill, Harston, Cambridge CB2 5NH (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JAMES, David, Alun [GB/GB]; Scientific Generics Limited, Harston Mill, Harston, Cambridge CB2 5NH (GB). KREIT, Darran [GB/GB]; Scientific Generics Limited, Harston Mill, Harston, Cambridge CB2 5NH (GB). JONES, Ross, Peter [AU/GB]; Scientific Generics Limited, Harston Mill, Harston, Cambridge CB2 5NH (GB). STOCKS, David, John [GB/GB]; Scientific Generics Limited, Harston Mill, Harston, Cambridge CB2 5NH (GB).

(74) I.P. 21 LIMITED; Norwich Research Park, Colney, Norwich, Norfolk NR4 7UT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ G01F 1/684, 1/692, 1/696

(11) WO 03/038381 (13) A1

(21) PCT/US02/33914

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 60/340,649 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • OSCILLATING HOT WIRE OR HOT FILM FLOW SENSOR

• DETECTEUR DE DEBIT A FIL OU A FILM CHAUDS OSCILLANTS

(71) **BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY** [US/US]; 246 Administration Building, East Lansing, MI 48824 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAGUIB, Ahmed, Mostafa** [US/US]; 9355 Harbor Cove, Apt. 251, Whitmore Lake, MI 48189 (US). **LI, Yongxiang** [CN/US]; 2728 Trappers Cove, Apt. 2B, Lansing, MI 48910 (US).

(74) **NABER, John, M.**; Foster, Swift, Collins & Smith, P.C., 313 South Washington Square, Lansing, MI 48933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G01F 5/00, 1/40, 1/684, 15/18

(11) WO 03/038382 (13) A1

(21) PCT/US02/34013

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 10/011,932 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FLOW AND PRESSURE SENSOR FOR HARSH FLUIDS
• DETECTEUR D'ÉCOULEMENT ET DE PRESSION POUR FLUIDES NOCIFS

(71) **HONEYWELL INTERNATIONAL, INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) **BONNE, Ulrich**; 4936 Shady Oak Road, Hopkins, MN 55343 (US). **SPELDRICH, Jamie, W.**; 17 East Roosevelt Street, Freeport, IL 61032 (US).

(74) **CRISS, Roger, H. et al. / etc.**; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01J 3/50, G01N 21/27

(11) WO 03/038383 (13) A1

(21) PCT/JP02/11271

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ja (26) ja

(30) 2001-333842 31 Oct/oct 2001 JP (31.10.2001)

(30) 2001-335790 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND DEVICE FOR DETECTING HUE AND DENSITY OF MULTICOLOR SHEET

• PROCEDE ET DISPOSITIF PERMETTANT DE DETECTER LA TEINTE ET LA DENSITE D'UNE FEUILLE MULTICOLERE

(71) **WEBTECH CO., LTD.** [JP/JP]; 6-19-10, Minamiooi, Shinagawa-ku, Tokyo 140-0013 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKAHARA, Ryosuke** [JP/JP]; c/o Webtech Co., Ltd., 6-19-10, Minamiooi, Shinagawa-ku, Tokyo 140-0013 (JP).

(74) **MATSUSHITA, Yoshikatsu et al. / etc.**; Famille Tsukiji Bldg., Room No.413, 1-29, Akashi-cho, Chuo-ku, Tokyo 104-0044 (JP).

(81) US.

(84) EP (BE CH DE ES FR GB IT NL SE).

(51)⁷ G01J 5/02, H01L 21/66

(11) WO 03/038384 (13) A1

(21) PCT/JP02/06655

(22) 1 Jul/juil 2002 (01.07.2002)

(25) ja (26) ja

(30) 2001-332217 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TEMPERATURE MEASURING METHOD, HEAT TREATING METHOD, AND SEMICONDUCTOR DEVICE MANUFACTURING METHOD

• PROCEDE DE MESURE DE TEMPERATURE, PROCEDE DE TRAITEMENT THERMIQUE ET PROCEDE DE FABRICATION DE DISPOSITIF A SEMI-CONDUCTEUR

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SHIBATA, Satoshi** [JP/JP]; 1529-3-2-G, Nomura-cho, Takaoka-shi, Toyama 933-0014 (JP). **HIRASE, Junji** [JP/JP]; 1-1-5, Okutenjin, Takatsuki-shi, Osaka 569-1118 (JP). **SUGIYAMA, Tatsuo** [JP/JP]; 1-10-8, Shigino-nishi, Joto-ku, Osaka-shi, Osaka 536-0014 (JP). **KANASAKI, Emi** [JP/JP]; 786-205, Akasobo, Takaoka-shi, Toyama 933-0806 (JP). **KAWASE, Fumitoshi** [JP/JP]; 669-5-1-304, Takase, Iba-cho, Higashitonami-gun, Toyama 932-0252 (JP). **NAITTO, Yasushi** [JP/JP]; 2-1-15-202, Kitamidorigaoka, Toyonaka-shi, Osaka 560-0001 (JP).

(74) **MAEDA, Hiroshi et al. / etc.**; Taihei Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (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 G01K 11/32

(11) WO 03/038385 (13) A1

(21) PCT/EP02/12125

(22) 30 Oct/oct 2002 (30.10.2002)

(25) de (26) de

(30) 101 53 494.9 30 Oct/oct 2001 DE (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND DEVICE FOR EXTENSIVE SPATIAL DETECTION OF OPERATING STATES BY LASER REFLECTOMETRY WITH HIGH LASER POWER

• PROCEDE ET DISPOSITIF POUR LA DETECTION ETENDUE DANS L'ESPACE D'ETATS DE FONCTIONNEMENT PAR REFLECTOMETRIE LASER AVEC UNE PUISSANCE LASER ELEVEE

(71) **LIOS TECHNOLOGY GMBH** [DE/DE]; Schanzenstrasse 6-20, 51063 Köln (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FROMME, Martin** [DE/DE]; Diepeschrather Strasse 15, 51069 Köln (DE). **GLOMBITZA, Ulrich** [DE/DE]; Unterheider Weg 23, 51429 Bergisch Gladbach (DE). **HOFF, Henrik** [DE/DE]; Am Herrenwingert 12, 53347 Alfter (DE).

(74) **STERNAGEL, FLEISCHER, GODEMEYER & PARTNER**; Braunsberger Feld 29, 51429 Bergisch Gladbach (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 G01L

(11) WO 03/038386 (13) A2

(21) PCT/US02/31751

(22) 4 Oct/oct 2002 (04.10.2002)

(25) en (26) en

(30) 60/328,151 8 Oct/oct 2001 US (08.10.2001)

(30) 10/264,408 4 Oct/oct 2002 US (04.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • REAL-TIME COMPONENT MONITORING AND REPLENISHMENT SYSTEM FOR MULTICOMPONENT FLUIDS

• SURVEILLANCE EN TEMPS REEL DE COMPOSANTS ET SYSTEME D'APPROVISIONNEMENT POUR DES FLUIDES

(71) ADVANCED TECHNOLOGY MATERIALS, INC. [US/US]; 7 Commerce Drive, Danbury, CT 06810 (US).

(72) STEVENS, Russell; 1004 E. 38th Street, Austin, TX 78705 (US). KLOFFENSTEIN, Thomas; 2760 Thomas Grade, Morgan Hill, CA 95037 (US). AYCOCK, Todd; 4500 Steiner Ranch Boulevard #3221, Austin, TX 78723 (US). EVANS, Joseph, W.; 1215 North Elmwood Avenue, Oak Park, IL 60302 (US).

(74) ZITZMANN, Oliver, A., M.; Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, CT 06810 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK 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 IE IT LU 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 G01L 5/13, B60K 28/16, B60L 3/00, G05D 17/00

(11) WO 03/038387 (13) A1

(21) PCT/ES02/00509

(22) 31 Oct/oct 2002 (31.10.2002)

(25) es (26) es

(30) P200102427 2 Nov/nov 2001 ES (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • VEHICLE CONTROL METHOD

• PROCEDE DE GESTION DE VEHICULES

(71) CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS [ES/ES]; C/Serrano, 117, E-28006 Madrid (ES).

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(74) REPRESA SÁNCHEZ, Domingo; Consejo Superior de Investigaciones Científicas, Oficina de Transferencia de Tecnología, C/Serrano, 113 - 2ª planta, 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 UZ VN VC VU YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G01L 7/00

(11) WO 03/038388 (13) A1

(21) PCT/US02/35290

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/335,375 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PRESSURE SENSING DEVICE FOR RHEOMETERS
• DISPOSITIF DE DETECTION DE PRESION POUR RHEOMETRES

(71) RHEOSENSE, INC. [US/US]; 2357 Ventura Drive, Suite 104, Woodbury, MN 55125 (US).

(72) BAEK, Seong-Gi; 1293 Kenilworth Dr., Woodbury, MN 55125 (US).

(74) MALLINCKRODT, Robert, R.; Mallinckrodt & Mallinckrodt, 10 Exchange Place, Suite 510, Salt Lake City, UT 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01L 19/02

(11) WO 03/038389 (13) A1

(21) PCT/JP02/11255

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 2001-337869 2 Nov/nov 2001 JP (02.11.2001)

(30) 2001-367008 30 Nov/nov 2001 JP (30.11.2001)

(30) 2001-381807 14 Dec/déc 2001 JP (14.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ENCODING DEVICE, DECODING DEVICE AND AUDIO DATA DISTRIBUTION SYSTEM

• DISPOSITIF DE CODAGE, DISPOSITIF DE DECODAGE ET SYSTEME DE DISTRIBUTION DE DONNEES AUDIO

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(72) NISHIO, Kosuke; Room 339, Syounanryou, 16-22, Kikusuidori 1-chome, Moriguchi-shi, Osaka 570-0032 (JP). NORIMATSU, Takeshi; 12-27, Nishiyama 2-chome, Kita-ku, Kobe-shi, Hyogo 651-1301 (JP). TSUSHIMA, Mineo; 5-302, Myoukenzaka 5-chome, Katano-shi, Osaka 576-0021 (JP). TANAKA, Naoya; 30-23, Miyukihi-gashi-machi, Neyagawa-shi, Osaka 572-0055 (JP).

(74) NII, Hiromori; c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suehiro Center Bldg., 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) AU CN MX SG VN.

(84) EP (DE ES FI FR GB IT).

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(51)⁷ G01M 1/22

(11) WO 03/038390 (13) A1

(21) PCT/US02/34464

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 60/343,798 27 Oct/oct 2001 US (27.10.2001)

(30) Not furnished / 25 Oct/oct 2002 US non communiqué (25.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NOISE, VIBRATION AND HARSHNESS ANALYZER

• ANALYSEUR DE BRUIT, VIBRATIONS ET RUDESSE

(71) VETRONIX CORPORATION [US/US]; 2030 Alameda Padre Serra, Santa Barbara, CA 93103 (US).

(72) CALKINS, Thomas, R.; 430 Stanley Drive, Santa Barbara, CA 93105 (US). WILSON, Philip; 430 Peach Grove Lane, Santa Barbara, CA 93105 (US).

(74) HEYBL, Jaye, G. et al. / etc.; Koppel, Jacobs, Patrick & Heybl, 555 St. Charles Drive, Suite 107, Thousand Oaks, CA 91360 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01M 3/00

(11) WO 03/038391 (13) A2

(21) PCT/US02/35249

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/334,629 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • TECHNIQUES FOR MONITORING
HEALTH OF VESSELS CONTAINING
FLUIDS

- TECHNIQUES DESTINEES A SUR-
VEILLER L'ETAT DE RECIPIENTS
CONTENANT DES FLUIDES

(71) THE JOHNS HOPKINS UNIVERSITY
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(72, 75) CAIN, Russell, P. [US/US]; 10014 Hyla
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(74) COOCH, Francis, A. et al. / etc.; The Johns
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20723-6099 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01M 3/04

(11) WO 03/038392 (13) A1

(21) PCT/US02/34933

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 10/004,362 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • METHOD AND APPARATUS FOR DE-
TECTING HOLES IN PLASTIC CON-
TAINERS

- PROCEDE ET APPAREIL PERMET-
TANT DE DETECTER DES TROUS
DANS DES CONTENEURS EN PLAS-
TIQUE

(71) PLASTIC TECHNOLOGIES, INC.
[US/US]; 1440 Timberwolf Drive, Hol-
land, OH 43528-0964 (US).

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les États désignés sauf US)

(72, 75) HAYWARD, Donald, A. [US/US]; 4
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(74) FRASER, Donald, R.; MacMillan, Sobanski
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1853 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01M 15/00

(11) WO 03/038393 (13) A1

(21) PCT/GB02/04826

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 0126112.2 31 Oct/oct 2001 GB
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • OBTAINING EXHAUST EMISISSIONS
DATA

- OBTENTION DE DONNEES D'EMIS-
SIONS DE GAZ D'ECHAPPEMENT

(71) RICARDO CONSULTING ENGINEER
LIMITED [GB/GB]; Bridge Works, Shore-
ham-By-Sea, West Sussex BN43 5FG (GB).

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(72, 75) CLARKE, David, Paul [GB/GB]; 42 St
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(74) ROBERTS, Gwilym, Vaughan et al. / etc.;
Kilburn & Strode, 20 Red Lion Street, London
WC1R 4PJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51) G01N

(11) WO 03/038394 (13) A2

(21) PCT/EP02/11517

(22) 15 Oct/oct 2002 (15.10.2002)

(25) de (26) de

(30) 101 52 777.2 29 Oct/oct 2001 DE
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • DEVICE AND METHOD FOR DETER-
MINING THE QUALITY A MEDIUM,
PARTICULARLY OF A LUBRICANT
AND/OR COOLANT

- DISPOSITIF ET PROCEDE DE DETER-
MINATION DE LA QUALITE D'UNE
SUBSTANCE, EN PARTICULIER D'UN
LUBRIFIANT ET/OU D'UNE HUILE
DE COUPE

(71) HYDAC ELECTRONIC GMBH [DE/DE];
Hauptstrasse 27, 66128 Saarbrücken (DE).

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(72, 75) BÜTTGENBACH, Stephanus
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Siekte (DE). HARMS, Hans-Heinrich
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(74) BARTELS & PARTNER; Lange Strasse 51,
70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 03/038395 (13) A2

(21) PCT/US02/32471

(22) 9 Oct/oct 2002 (09.10.2002)

(25) en (26) en

(30) 60/335,173 31 Oct/oct 2001 US
(31.10.2001)

(30) 60/335,240 31 Oct/oct 2001 US
(31.10.2001)

(30) 60/399,041 25 Jul/juil 2002 US
(25.07.2002)

(30) 60/409,410 9 Sep/sep 2002 US
(09.09.2002)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • REMOTE NMR/MRI DETECTION OF
LASER POLARIZED GASES

- DETECTION A DISTANCE PAR
RMN/RMI DE GAZ POLARISES PAR
LASER

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th floor, Oakland, CA 94607-5200 (US).

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(74) **O'BANION, John, P.**; O'Banion & Ritchey LLP, Suite 1550, 400 Capitol Mall, Sacramento, CA 95814 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 03/038396** (13) A2

(21) PCT/US02/32481

(22) **9 Oct/oct 2002 (09.10.2002)**

(25) en (26) en

(30) 60/335,173 **31 Oct/oct 2001** US
(**31.10.2001**)

(30) 60/335,240 **31 Oct/oct 2001** US
(**31.10.2001**)

(30) 60/399,041 **25 Jul/juil 2002** US
(**25.07.2002**)

(30) 60/409,410 **9 Sep/sep 2002** US
(**09.09.2002**)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **METHOD FOR DETECTING MACROMOLECULAR CONFORMATIONAL CHANGE AND BINDING INFORMATION**

• **METHODE DE DETECTION D'UN CHANGEMENT DE CONFORMATION MACROMOLECULAIRE OU D'UNE INFORMATION DE LIAISON**

(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) **PINES, Alexander** [US/US]; 710 Keeler Avenue, Berkeley, CA 95708 (US). **WEMMER, David, E.** [US/US]; 1103 Sutter Street, Berkeley, CA 94707 (US). **SPENCE,**

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(74) **O'BANION, John, P.**; O'Banion & Ritchey LLP, Suite 1550, 400 Capitol Mall, Sacramento, CA 95814 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 03/038397** (13) A2

(21) PCT/US02/33891

(22) **23 Oct/oct 2002 (23.10.2002)**

(25) en (26) en

(30) 60/334,748 **1 Nov/nov 2001** US
(**01.11.2001**)

(30) 10/194,638 **12 Jul/juil 2002** US
(**12.07.2002**)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **ASSAY**

• **ESSAI**

(63) US 10/194,638 (CON)
12 Jul/juil 2002 (12.07.2002)

(71) **REFERENCE DIAGNOSTICS INC.** [US/US]; 19 Crosby Drive, Suite 30, Bedford, MA 01730 (US).

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(74) **DALEY, Sean, P.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) **WO 03/038398** (13) A2

(21) PCT/US02/34494

(22) **29 Oct/oct 2002 (29.10.2002)**

(25) en (26) en

(30) 60/330,679 **29 Oct/oct 2001** US
(**29.10.2001**)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **PULSED ELECTRIC FIELDMETHOD AND APPARATUS FOR PREVENTING BIOFOULING ON AQUATIC SURFACES**

• **PROCEDE ET APPAREIL A CHAMP ELECTRIQUE PULSE DESTINES A EMPECHER L'ENCRASSEMENT BIOLOGIQUE SUR DES SURFACES AQUATIQUES**

(71, 72) **BOYD, Robert, C.** [US/US]; 1911 Moonwind Place, Richmond, VA 23233 (US).

(72, 75) **LEGRANDE, Wayne, B.** [US/US]; 2848 Greenwood Drive, Chesapeake, VA 23321 (US).

(74) **JACOBSON, Harvey, B., Jr.**; Jacobson Holman PLLC, 400 7th Street, N.W., Washington, DC 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 03/038399** (13) A2

(21) PCT/US02/34729

(22) **29 Oct/oct 2002 (29.10.2002)**

(25) en (26) en

(30) 09/999,700 **31 Oct/oct 2001** US
(**31.10.2001**)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **CHEMILUMINESCENT COMPOUNDS AND USE THEREOF**

• **COMPOSES CHIMIOLUMINESCENTS ET UTILISATION ASSOCIEE**

(71) **QUEST DIAGNOSTICS INVESTMENTS INCORPORATED** [US/US]; 300 Delaware Avenue, Wilmington, DE 19899 (US).

(72) **MILLER, Phillip, P.**; 32402 Crete Road, Dana Point, CA 92626 (US). **GARRITY, Martha**; 151 Avenue Princessa, San Clement, CA 92672 (US).

(74) **STOUT, Donald, E.**; Stout, Uxa, Buyan & Mullins, 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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 03/038400 (13) A2

(21) PCT/US02/34756

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/335,076 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS AND COMPOSITIONS FOR
THE TREATMENT AND DIAGNOSIS
OF CELLULAR PROLIFERATION DIS-
ORDERS USING 54394

• PROCEDES ET COMPOSITIONS PER-
METTANT DE TRAITER ET DE DIAG-
NOSTIQUER LES TROUBLES DE LA
PROLIFERATION CELLULAIRE A
L'AIDE DE 54394

(71) MILLENNIUM PHARMACEUTICALS,
INC. [US/US]; 75 Sidney Street, Cambridge,
MA 02139 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WILLIAMSON, Mark [US/US]; 15
Stonecrest Drive, Saugust, MA 01906 (US).

(74) BOSSONE, Steven, A.; Millinennium
Pharmaceuticals, Inc., 75 Sidney Street,
Cambridge, MA 02139 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 03/038401 (13) A2

(21) PCT/US02/34906

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/335,521 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SEMICONDUCTOR NANOCRYSTAL-
BASED CELLULAR IMAGING

• IMAGERIE CELLULAIRE BASEE SUR
UN NANOCRYSTAL SEMI-CONDUCTEUR

(71) THE REGENTS OF THE UNIVERSITY
OF CALIFORNIA [US/US]; 1111 Franklin
Street, 12th Floor, Oakland, CA 94607 (US).

(72) ALIVISATOS, A., Paul; 5941 Estates
Drive, Oakland, CA 94611 (US). LARA-
BELL, Carolyn, A.; 177 Diablo Drive,
Oakland, CA 94611 (US). PARAK, Wolf-
gang, J.; Hermann Stockmann Strasse 65,
85221 Dachau (DE). LE GROS, Mark; 177
Diablo Drive, Oakland, CA 94611 (US).
BOUDREAU, Rosanne; 2204 Glen Avenue,
Berkeley, CA 94709 (US).

(74) ASTON, David, J.; Lawrence Berkeley
National Laboratory, One Cyclotron Road,
MS-90B0104, Berkeley, CA 94720 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 03/038402 (13) A2

(21) PCT/US02/34964

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/335,368 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A PEPTIDE-BASED FLUORESCENCE
POLARIZATION ASSAY FOR DETEC-
TION OF ANTIBODIES TO *MYCOBAC-
TERIUM BOVIS*

• ANALYSE DE POLARISATION DE
FLUORESCENCE A BASE DE PEP-
TIDES DESTINEE A LA DETECTION
D'ANTICORPS CONTRE *MYCOBAC-
TERIUM BOVIS*

(71) DIACHEMIX LLC [US/US]; 223 North
Water Street, Suite 500, Milwaukee, WI
53202 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SURUJBALLI, Om, P. [CA/CA];
77 Shoreham Avenue, Nepean, Ontario
K2G 3X3 (CA). ROMANOWSKA, Anna
[CA/CA]; 306-330 Chapel Street, Ottawa,
Ontario K1N 7ZA (CA). JOLLEY, Michael,
E. [GB/US]; 34469 North Circle Drive,
Round Lake, IL 60073 (US). NASIR, Mo-
hammad, Sarwar [US/US]; 1012 Highgate
Lane, Grayslake, IL 60030 (US).

(74) MACHONKIN, Richard, A.; 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 SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT 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 G01N

(11) WO 03/038403 (13) A2

(21) PCT/US02/35198

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/339,724 1 Nov/nov 2001 US
(01.11.2001)

(30) 10/062,631 31 Jan/jan 2002 US
(31.01.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INFRARED IMAGING ARRANGE-
MENT FOR TURBINE COMPONENT
INSPECTION SYSTEM

• ENSEMBLE D'IMAGERIE INFRA-
ROUGE POUR SYSTEME D'INSPEC-
TION DE CONSTITUANTS DE TUR-
BINE

(71) COMPUTERIZED THERMAL IMAG-
ING, INC. [US/US]; Two Centerpointe
Drive, Suite 450, Lake Oswego, OR 97035
(US).

(72) BALES, Maurice, J.; 10 Middle
Road, Lafayette, CA 94549-3353 (US).
VLADIMIROV, Dimitry, S.; 4146 Callan
Boulevard, Daly City, CA 94015 (US).
DALIO, Brian, A.; PMB 505, 16869 SW
65th Avenue, Lake Oswego, OR 97035-7865
(US).

(74) CHANG, Robert, H. et al. / etc.; Schwabe
Williamson & Wyatt, P.C., 10260 SW Green-
burg Road, Suite 820, Portland, OR 97223
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations

(t) for all designations / pour toutes les
désignations

(51)⁷ G01N

(11) WO 03/038404 (13) A2

(21) PCT/US02/35281

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/336,045 1 Nov/nov 2001 US
(01.11.2001)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IN VITRO METABOLIC ENGINEERING ON MICROSCALE DEVICES
• GENIE METABOLIQUE IN VITRO SUR DISPOSITIFS DE PETITE ECHELLE
- (71) RENNELAER POLYTECHNIC INSTITUTE [US/US]; 110 8th Street, Troy, NY 12180 (US). UNIVERSITY OF MINNESOTA [US/US]; ** (US). UNIVERSITY OF CALIFORNIA AT BERKELEY [US/US]; ** (US).
- (72) DORDICK, Jonathan, S.; 848 Green-thorne Road, Schenectady, NY 12303 (US). SRINIVASAN, Aravind; 2244 15th Street, #2, Troy, NY 12180 (US). KIM, Jungbae; 1219 Covina Court, Richland, WA 99352 (US). SHERMAN, David, H.; 2248 Drew Avenue, South Minneapolis, MN 55416 (US). CLARK, Douglas, S.; 14 Keith Drive, Orinda, CA 94563 (US).
- (74) ELMORE, Carolyn, S. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 1/20
- (11) WO 03/038406 (13) A1
- (21) PCT/IE02/00151
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) en (26) en
- (30) S010961 1 Nov/nov 2001 IE (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • A SAMPLING VALVE
• ROBINET D'ECHANTILLONNAGE
- (71, 72) DRUHAN, Jim [IE/IE]; Carrickduff, Bunclody, County Wexford (IE).
- (74) O'CONNELL, Maura et al. / etc.; F. R. Kelly & Co., 27 Clyde Road, Ballsbridge, Dublin 4 (IE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G01N 1/22, G01M 15/00, G01N 33/00
- (11) WO 03/038407 (13) A1
- (21) PCT/US02/22601
- (22) 16 Jul/juil 2002 (16.07.2002)
- (25) en (26) en
- (30) 09/999,710 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR CONTROLLING DILUTION AIR SUPPLY
• PROCEDE DE REGULATION DE L'ALIMENTATION EN AIR DE DILUTION
- (71) CATERPILLAR INC. [US/US]; 100 N.E. Adams Street, Peoria, IL 61629-6490 (US).
- (72) DICKSON, Richard, R.; 1415 E. Fairview Street, Peoria, IL 61615-9566 (US). GRAZE, Russel, R., Jr.; RR 1, Dunlap, IL 61525-9801 (US).
- (74) GREENE, Jeff, A. et al. / etc.; 100 N.E. Adams Street, Peoria, IL 61629-6490 (US).
- (81) GB JP.
-
- (51)⁷ G01N 3/56, 21/64
- (11) WO 03/038408 (13) A2
- (21) PCT/US02/28335
- (22) 6 Sep/sep 2002 (06.09.2002)
- (25) en (26) en
- (30) 10/003,217 30 Oct/oct 2001 US (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD OF DETECTING WEAR ON A SUBSTRATE USING A FLUORESCENT INDICATOR
• DETECTION D'USURE SUR UN SUBSTRAT PAR UTILISATION D'UN INDICATEUR FLUORESCENT
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) CHEN, Yen-Lane; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). WILLIAMSON, Gary, S.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) RHODES, Kevin, H. et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IMPROVEMENTS IN MATERIALS HANDLING AND SAMPLING
• AMELIORATIONS AU NIVEAU DE LA MANUTENTION ET DE L'ECHANTILLONNAGE DE MATERIAUX
- (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) ASH, Peter, William [GB/GB]; 8 St Bartholomews Road, Reading RG1 3QA (GB). GRUMETT, Piers, Scott [GB/GB]; Johnson Matthey Chemicals, 33 Jeffreys Road, Enfield, Middlesex EN3 7PW (GB). HARRISON, Brian [GB/GB]; New House, Church Street, Tempsford, Sandy, Bedfordshire SG19 2AN (GB).
- (74) WISHART, Ian, Carmichael; Johnson Matthey Technology Centre, Blounts Court, Sonning Common, Reading RG4 9NH (GB).

(t) for all designations / pour toutes les désignations

- (51)⁷ G01N 21/00, 21/86, 29/02, 7/00, G01P 15/08, G01L 1/04, 1/24, H01J 37/252
- (11) WO 03/038409 (13) A1
- (21) PCT/US02/08831
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) en (26) en
- (30) 09/999,681 30 Oct/oct 2001 US (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CANTILEVER ARRAY SENSOR SYSTEM
• SYSTEME DE CAPTEURS EN RESEAU ET EN PORTE-A-FAUX
- (71) VEECO INSTRUMENTS, INC. [US/US]; 100 Sunnyside Blvd., Woodbury, NY 11797 (US).
- (72) PRATER, Craig; 5530 Pembroke Avenue, Santa Barbara, CA 93111 (US). MEYER, Charles, R.; 808 North Ontare Road, Santa Barbara, CA 93105 (US). SU, Chanmin; 7023 Etna Court, Ventura, CA 93003 (US). MASSIE, James, R.; 1480 Mission Canyon Road, Santa Barbara, CA 93105 (US). BABCOCK, Kenneth, L.; 867 Windsor Way, Santa Barbara, CA 93105 (US). TURNER, Mary, G.; 1601 North Saddlewood Ranch Drive, Tucson, AZ 85745 (US).
- (74) DURST, Jay, G.; Boyle Fredrickson Newholm Stein & Gratz S.C., 250 East Wisconsin Avenue, Suite 1030, Milwaukee, WI 53202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01N 21/17
- (11) WO 03/038410 (13) A1
- (21) PCT/JP02/11283
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) ja (26) ja
- (30) 2001-335035 31 Oct/oct 2001 JP (31.10.2001)
- (30) 2002-137677 13 May/mai 2002 JP (13.05.2002)
- (30) 2002-293959 7 Oct/oct 2002 JP (07.10.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • OPTICAL SCANNING TYPE OBSERVATION DEVICE
• DISPOSITIF D'OBSERVATION DE TYPE LECTEUR OPTIQUE
- (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) UCHIYAMA, Akio [JP/JP]; 24-2, Tokiwa 3-chome, Saitama-shi, Saitama 336-0001 (JP). HORII, Akihiro [JP/JP]; 10-19-204, Daimachi 2-chome, Hachioji-shi, Tokyo 193-0931 (JP). IIZUKA, Shuhei [JP/JP]; 2974-24-409, Ishikawa-cho, Hachioji-shi, Tokyo 192-0032 (JP). HIRATA, Tadashi [JP/JP]; 15-102, Nishiasakawa-machi, Hachioji-shi, Tokyo 193-0842 (JP). HARA, Mitsuhiro [JP/JP]; 8-10-303, Kyonan-cho 1-chome, Musashino-shi, Tokyo 180-0023 (JP). KUMADA, Yoshiyuki [JP/JP]; 12-202, Nishizumi 2-chome, Komae-shi, Tokyo 201-0011 (JP). TOKUDA, Kazunari [JP/JP]; 508-1, Higashiasakawa-machi, Hachioji-shi, Tokyo 193-0834 (JP).
- (74) ITOH, Susumu; Musashi Bldg., 4-4, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ G01N 21/31, 21/35, 33/14
- (11) WO 03/038411 (13) A1
- (21) PCT/DK02/00719
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 01204187.7 2 Nov/nov 2001 EP (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • A METHOD OF DETERMINING THE CONTENT OF SO₂ IN A BEVERAGE PRODUCT
• PROCEDE PERMETTANT DE MESURER LA TENEUR EN SO<SB>2</SB> D'UN PRODUIT A BOIRE
- (71) QMET APS [DK/DK]; Gyvelvej 3, DK-2942 Skodsborg (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PEDERSEN, Thorvald [DK/DK]; Åbovænge 6, DK-2610 Rodovre (DK). HENNINGSEN, Jes [DK/DK]; Staerevej 14, DK-3660 Stenløse (DK).
- (74) NIELSEN, Henrik, Sten; Budde, Schou & Ostenfeld A/S, Vester Søgade 10, DK-1601 Copenhagen V (DK).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 21/35, 21/27

- (11) WO 03/038412 (13) A1
- (21) PCT/JP02/11171
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) ja (26) ja
- (30) 2001-330445 29 Oct/oct 2001 JP (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DEVICE AND METHOD FOR IDENTIFYING PLASTIC
• DISPOSITIF ET PROCEDE D'IDENTIFICATION DE PLASTIQUE
- (71) MATSUSHITA ECO TECHNOLOGY CENTER CO., LTD. [JP/JP]; 50, Saho, Yashiro-cho, Katoh-gun, Hyogo 673-1447 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IWAMOTO, Hiroshi [JP/JP]; 11-26, Nishimidorigaoka 3-chome, Toyonaka-shi, Osaka 560-0005 (JP). HISAZUMI, Takao [JP/JP]; 7-37, Tanaka-cho, Ibaraki-shi, Osaka 567-0025 (JP). MANIWA, Yuji [JP/JP]; 2-14-1-504, Higashikotari, Nagaokakyo-shi, Kyoto 617-0832 (JP).
- (74) IKEUCHI SATO & PARTNER PATENT ATTORNEYS; 26th Floor, OAP TOWER, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 530-6026 (JP).
- (81) CN IN KR MX US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ G01N 21/64
- (11) WO 03/038413 (13) A1
- (21) PCT/KR02/02030
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) ko (26) en
- (30) 2001/67806 1 Nov/nov 2001 KR (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • APPARATUS FOR ANALYZING FLORESCENT IMAGE OF BIOCHIP
• APPAREIL PERMETTANT D'ANALYSER L'IMAGE FLUORESCENTE D'UNE BIOPUCE
- (71) DIACHIP CO., LTD. [KR/KR]; 1510-8 Bongcheon 7-dong, Gwanak-gu, Seoul 151-057 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HWANG, Young, Min [KR/KR]; Taejajon Apt. 102-604, Kwanjeo-dong, Seo-ku, Taejeon 302-724 (KR).
- (74) JANG, Seong, Ku; 17th Fl., KEC Building, 275-7, Yangjae-dong, Secho-ku, Seoul 137-130 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 21/65

(11) WO 03/038414 (13) A1

(21) PCT/EP02/11877

(22) 24 Oct/oct 2002 (24.10.2002)

(25) de (26) de

(30) 101 53 534.1 30 Oct/oct 2001 DE (30.10.2001)

(30) 102 04 393.0 4 Feb/fév 2002 DE (04.02.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR PRODUCING GRAFTED POLYMERIZATION PRODUCTS

• PROCEDE POUR REALISER DES PRODUITS DE POLYMERISATION GREFFES

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WENZ, Eckhard [DE/DE]; Suevenstr. 5, 50679 Köln (DE). BUCHHOLZ, Vera [DE/DE]; Genoveastr. 5, 51063 Köln (DE). EICHENAUER, Herbert [DE/DE]; Gustav-Heinemann-Str. 3, 41539 Dormagen (DE). WOLF, Udo [DE/DE]; Reinersstr. 5, 47906 Kempen (DE). BORN, Ralf-Jürgen [DE/DE]; Ricarda-Huch-Str. 80, 40764 Langenfeld (DE). JANSEN, Ulrich [DE/DE]; Stürzelberger Str. 50, 41541 Dormagen (DE). DIETZ, Wolfgang [DE/DE]; Doerperhofstr. 16, 47800 Krefeld (DE).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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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 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 G01N 21/65

(11) WO 03/038415 (13) A1

(21) PCT/EP02/12060

(22) 24 Oct/oct 2002 (24.10.2002)

(25) de (26) de

(30) 101 53 536.8 30 Oct/oct 2001 DE (30.10.2001)

(30) 102 04 392.2 4 Feb/fév 2002 DE (04.02.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DETERMINATION OF THE REACTION ADVANCEMENT OF GRAFT POLYMERIZATION REACTIONS

• DETERMINATION DE L'AVANCEMENT DE REACTIONS DE POLYMERISATION PAR GREFFAGE

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

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(72, 75) WOLF, Udo [DE/DE]; Reinersstr. 5, 47906 Kempen (DE). BORN, Ralf-Jürgen [DE/DE]; Ricarda-Huch-Str. 80, 40764 Langenfeld (DE). BUCHHOLZ, Vera [DE/DE]; Genoveastr. 5, 51063 Köln (DE). EICHENAUER, Herbert [DE/DE]; Gustav-Heinemann-Str. 3, 41539 Dormagen (DE). WENZ, Eckhard [DE/DE]; Suevenstr. 5, 50679 Köln (DE). BERGMIEIER, Wilhelm [DE/DE]; Kantstr. 28, 40667 Meerbusch (DE). BODEN, Christof [DE/DE]; In Holzhausen 60, 51381 Leverkusen (DE).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 G01N 22/00

(11) WO 03/038416 (13) A2

(21) PCT/US02/31951

(22) 4 Oct/oct 2002 (04.10.2002)

(25) en (26) en

(30) 10/046,647 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MEASUREMENT OF CONCENTRATION OF MATERIAL IN A PROCESS FLUID

• MESURE DE CONCENTRATION DE MATERIAU DANS UN FLUIDE DE TRAITEMENT

(71) ROSEMOUNT INC. [US/US]; 12001 Technology Drive, Eden Prairie, MN 55344 (US).

(72) LOVEGREN, Eric, R.; 19749 County Road 14, Big Lake, MN 55309 (US). SCHUMACHER, Mark, S.; 322 East Minnehaha Parkway, Minneapolis, MN 55419 (US). JOHNSON, James, A.; 13667 Ashcroft Road, Savage, MN 55378 (US). DIEDE, Kurt, C.; 15728 Hayes Trail, Apple Valley, MN 55124 (US).

(74) CHAMPLIN, Judson, K. et al. / etc.; Westman, Champlin & Kelly, P.A., Suite 1600 - International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 23/00

(11) WO 03/038417 (13) A2

(21) PCT/US02/34137

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 10/075,571 26 Oct/oct 2001 US (26.10.2001)

(30) 10/003,224 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEM AND METHOD FOR DEPTH PROFILING AND CHARACTERIZATION OF THIN FILMS

• SYSTEME ET PROCEDE D'ETABLISSEMENT DU PROFIL DE CONCENTRATION ET DE CARACTERISATION DES COUCHES MINCES

(71) PHYSICAL ELECTRONICS, INC. [US/US]; 6509 Flying Cloud Drive, Eden Prairie, MN 55344 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WATSON, David, G. [CA/US]; 6827 Woodhill Trail, Eden Prairie, MN 55236 (US). LARSON, Paul, E. [US/US]; 8708 Pine Hill Road, Bloomington, MN 55438 (US). MOULDER, John, E. [US/US]; 8739 Lakeview Road, Bloomington, MN 55438 (US). PERLOFF, David, S. [US/US]; 25601 Chapin Road, Los Altos Hills, CA 94022 (US).

(74) GEBHARDT, Mark, J.; Muecting, Raasch & Gebhardt, P.A., P.O. Box 581415, Minneapolis, MN 55458-1415 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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, H01J 37/28
(11) WO 03/038418 (13) A1
(21) PCT/JP01/09618
(22) 2 Nov/nov 2001 (02.11.2001)
(25) ja (26) ja
(43) 8 May/mai 2003 (08.05.2003)
- (54) • ELEMENTAL ANALYSER, SCANNING TRANSMISSION ELECTRON MICROSCOPE, AND ELEMENT ANALYZING METHOD
• DISPOSITIF D'ANALYSES D'ELEMENTS, MICROSCOPE ELECTRONIQUE A EMISSION PAR BALAYAGE ET PROCEDE D'ANALYSES D'ELEMENTS
- (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) KAJI, Kazutoshi [JP/JP]; c/o Hitachi Research Laboratory, of HITACHI, LTD., 1-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). AOYAMA, Takashi [JP/JP]; c/o Hitachi Research Laboratory, of HITACHI, LTD., 1-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). TAYA, Shunroku [JP/JP]; c/o Instruments of HITACHI, LTD., 882, Ichige, Hitachinaka-shi, Ibaraki 312-8504 (JP). TANAKA, Hiroyuki [JP/JP]; c/o Instruments of HITACHI, LTD., 882, Ichige, Hitachinaka-shi, Ibaraki 312-8504 (JP). ISAKOZAWA, Shigeto [JP/JP]; c/o Instruments of HITACHI, LTD., 882, Ichige, Hitachinaka-shi, Ibaraki 312-8504 (JP).
- (74) TAKADA, Yukihiko et al. / etc.; 1-48, Saiwai-cho 2-chome, Hitachi-shi, Ibaraki 317-0073 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 23/18
(11) WO 03/038419 (13) A1
(21) PCT/EP02/11644
- (22) 17 Oct/oct 2002 (17.10.2002)
(25) de (26) de
(30) 101 53 379.9 30 Oct/oct 2001 DE (30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • DEVICE FOR X-RAY TESTING A WHEEL
• DISPOSITIF DE CONTROLE RADIOGRAPHIQUE D'UNE ROUE
- (71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG [DE/DE]; Leonrodstrasse 54, 80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WENZEL, Thomas [DE/DE]; Goethestrasse 10a, 91083 Baiersdorf (DE). STONE, Ashley [CA/CA]; 173 Advance Boulevard, Unit 43, Brampton, Ontario L6T 4Z7 (CA). HANKE, Randolph [DE/DE]; Veilchenweg 8, 90617 Puschendorf (DE).
- (74) SCHOPPE, Fritz et al. / etc.; Schoppe, Zimmermann, Stöckeler & Zinkler, Postfach 71 08 67, 81458 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ G01N 27/12
(11) WO 03/038420 (13) A1
(21) PCT/DE02/03613
(22) 25 Sep/sep 2002 (25.09.2002)
(25) de (26) de
(30) 101 51 020.9 16 Oct/oct 2001 DE (16.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • BIOSENSOR CIRCUIT AND SENSOR ARRAY CONSISTING OF A PLURALITY OF SAID BIOSENSOR CIRCUITS AND BIOSENSOR ARRAY
• CIRCUIT BIOCAPTEUR, ENSEMBLE DE CAPTEURS CONSTITUE D'UNE PLURALITE DE CIRCUITS BIOCAPTEURS, ET ENSEMBLE DE BIOCAPTEURS
- (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) EVERSOMANN, Björn-Oliver [DE/DE]; Kaiser-Ludwig-Platz 8, 80336 München (DE). JENKNER, Martin [DE/DE]; Hofmarkstrasse 4a, 82152 Planegg (DE). PAULUS, Christian [DE/DE]; Tankenrainer Strasse 12E, 82362 Weilheim (DE). THEWES, Roland [DE/DE]; Jägerheimstrasse 7, 82194 Gröbenzell (DE).
- (74) VIERING, Hans-Martin; Viering, Jentschura & Partner, Steinsdorfstrasse 6, 80538 München (DE).
- (81) JP US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ G01N 27/12
(11) WO 03/038421 (13) A1
(21) PCT/US02/35048
(22) 31 Oct/oct 2002 (31.10.2002)
(25) en (26) en
(30) 60/339,877 1 Nov/nov 2001 US (01.11.2001)
(30) Not furnished / 31 Oct/oct 2002 US non communiqué (31.10.2002)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • A SYSTEM AND METHOD FOR DETECTING HYDRIDE GASES AT LOW CONCENTRATIONS AND IN THE PRESENCE OF VARYING HUMIDITY LEVELS
• SYSTEME ET PROCEDE DE DETECTION DE GAZ HYBRIDES A DE FAIBLES CONCENTRATIONS ET EN PRESENCE DE TAUX D'HUMIDITE VARIES
- (71) ADVANCED TECHNOLOGY MATERIALS, INC. [US/US]; 7 Commerce Drive, Danbury, CN 06810 (US).
- (72) NIKOLSKAYA, Elena; Vitebsky pr., 63, Apartment 142, St. Petersburg, 196233 (RU).
- (74) ZITZMANN, Oliver, A., M.; Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, CT 06810 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CU CZ DE DK EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TN 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 IE IT LU MC NL PT SE SK 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 27/26
(11) WO 03/038422 (13) A1
(21) PCT/US02/31495
(22) 30 Sep/sep 2002 (30.09.2002)
(25) en (26) en
(30) 10/002,787 30 Oct/oct 2001 US (30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • HIGH-SPEED CORROSION-RESISTANT ROTATING CYLINDER ELECTRODE SYSTEM
• SYSTEME D'ELECTRODES A CYLINDRE ROTATIF RESISTANT A LA CORROSION A HAUTE VITESSE
- (71) SAUDI ARABIAN OIL COMPANY [SA/SA]; R-3296, Administration Building, Dharran 31311 (SA).

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- (72, 75) **AL-JANABI, Yahya, T.** [SA/SA]; Qudaih, Qatif (SA). **LEWIS, Arnold, L.** [US/SA]; 325 3rd Street, Saudi Aramco, Dhahran Camp, Dhahran (SA).
- (74) **SPATH, Thomas, E.**; Abelman, Feayne & Schwab, 150 East 42nd Street, New York, NY 10017 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 27/403, 27/414

(11) WO 03/038423 (13) A2

(21) PCT/DE02/03098

(22) 23 Aug/août 2002 (23.08.2002)

(25) de (26) de

(30) 101 51 021.7 16 Oct/oct 2001 DE (16.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • SENSOR ASSEMBLY
• ENSEMBLE CAPTEUR

(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) **EVERSMANN, Björn-Oliver** [DE/DE]; Kaiser-Ludwig-Platz 8, 80336 München (DE). **PAULUS, Christian** [DE/DE]; Tankenrainer Str. 12E, 82362 Weilheim (DE). **STROMBERG, Guido** [DE/DE]; Dreimühlenstrasse 11, 80469 München (DE). **THEWES, Roland** [DE/DE]; Jägerheimstrasse 7, 82194 Gröbenzell (DE).

(74) **VIERING, JENTSCHURA & PARTNER;** Steindorfstr. 6, 80538 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G01N 27/447, B01L 3/00

(11) WO 03/038424 (13) A1

(21) PCT/GB01/04853

(22) 2 Nov/nov 2001 (02.11.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

- (54) • CAPILLARY ELECTROPHORESIS MICROCHIP, SYSTEM AND METHOD
• PUCE D'ELECTROPHORESE PAR CAPILLARITE, SYSTEME ET PROCEDE

(71) **IMPERIAL COLLEGE INNOVATIONS LIMITED** [GB/GB]; Sheffield Building, London SW7 2AZ (GB).

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(72, 75) **MANZ, Andreas** [CH/GB]; 14 The Wilderness, East Molesey, Surrey KT8 0JT (GB). **ZHANG, Chao-Xuan** [CN/GB]; Imperial College of Science, Technology and Medicine, Department of Chemistry, Sheffield Building, London SW7 2AZ (GB).

(74) **BODEN, Keith, McMurray;** Fry Heath & Spence, 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 SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 27/62, 30/72

(11) WO 03/038425 (13) A1

(21) PCT/JP02/11285

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ja (26) ja

(30) 2001-333664 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • LIQUID CHROMATOGRAPHIC MASS SPECTROGRAPH
• SPECTROGRAPHE DE MASSE A CHROMATOGRAPHIE EN PHASE LIQUIDE

(71) **HITACHI HIGH-TECHNOLOGIES CORPORATION** [JP/JP]; 24-14, Nishishimbashi 1-chome, Minato-ku, Tokyo 105-8717 (JP). **HITACHI SCIENCE SYSTEMS, LTD.** [JP/JP]; 1040, Ichige, Hitachinaka-shi, Ibaraki 312-0033 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OGATA, Izumi** [JP/JP]; c/o Hitachi High-Technologies Corporation, 24-14, Nishishimbashi 1-chome, Minato-ku, Tokyo 105-8717 (JP). **DEGUCHI, Kisaburo** [JP/JP]; c/o Hitachi Science Systems, Ltd., 1040, Ichige, Hitachinaka-shi, Ibaraki 312-0033 (JP). **ISHIKAWA, Masako** [JP/JP]; c/o Hitachi Science Systems, Ltd., 1040, Ichige, Hitachinaka-shi, Ibaraki 312-0033 (JP). **YOKOKURA, Takefumi** [JP/JP]; c/o Hitachi Science Systems, Ltd., 1040, Ichige, Hitachinaka-shi, Ibaraki 312-0033 (JP). **MIMURA, Tadao** [JP/JP]; c/o Hitachi High-Technologies Corporation, 24-14, Nishishimbashi 1-chome, Minato-ku, Tokyo 105-8717 (JP).

(74) **SAKUTA, Yasuo;** c/o Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G01N 29/14, G01H 3/08, 1/00

(11) WO 03/038426 (13) A1

(21) PCT/GB02/04720

(22) 21 Oct/oct 2002 (21.10.2002)

(25) en (26) en

(30) 0126070.2 31 Oct/oct 2001 GB (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • IDENTIFICATION OF NOISE SOURCES

- IDENTIFICATION DE SOURCES DE BRUITS

(71) **NCODE INTERNATIONAL LTD** [GB/GB]; 230 Woodbourn Road, Sheffield, Yorkshire S9 3LQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENNETTS, Alan, John** [GB/GB]; Crysnal, Main Road, Westhay, Nr. Glastonbury, Somerset BA6 9TN (GB). **BRITTON, James, Harris** [GB/GB]; 6 Coverdale Road, Sheffield, Yorkshire S7 2DD (GB).

(74) **MANSFIELD, Peter, Turquand et al. / etc.;** Accentus plc, Patents Dept., 329 Harwell, Didcot, Oxfordshire OX11 0QJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ G01N 29/22

(11) WO 03/038427 (13) A1

(21) PCT/DE02/03889

(22) 15 Oct/oct 2002 (15.10.2002)

(25) de (26) de

(30) 101 51 546.4 23 Oct/oct 2001 DE (23.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • METHOD AND DEVICE FOR ULTRASONIC TESTING BY MEANS OF A LINEAR ARRAY AND WITH ECHOSTART

- PROCEDE ET DISPOSITIF DE CONTROLE PAR ULTRASONS AU

MOYEN D'UN RESEAU LINEAIRE ET D'UN ECHOSTART

(71) AGFA NDT GMBH [DE/DE]; Robert-Bosch-Str. 3, 50354 Hürth (DE).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) PRAUSE, Reinhard [DE/DE]; Brückenstr. 10, 53757 St. Augustin (DE).

(74) BAUER, Wulf; Bayenthalgürtel 15, 50968 Köln (DE).

(81) BR CA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ G01N 33/18, 27/07

(11) WO 03/038428 (13) A1

(21) PCT/US01/46628

(22) 26 Oct/oct 2001 (26.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE FOR MEASURING THE OXIDIZABLE CARBON OF A LIQUID AND A METHOD FOR THE USE THEREOF

• DISPOSITIF PERMETTANT DE MESURER LA TENEUR EN CARBONE OXYDABLE D'UN LIQUIDE ET SON PROCEDE D'UTILISATION

(71) MILLIPORE CORPORATION [US/US]; 80 Ashby Road, Bedford, MA 01730 (US).

(72) PANE, David, Allen; 13930 North Street Vrain, Lyons, CO 80540 (US). STILLIAN, John, R.; 6647 Fairways Drive, Longmount, CO 80503 (US). JANCEWICZ, Nick, R.; 4567 Tally Ho Trail, Boulder, CO 80301 (US). DE LOS REYES, Gaston; 68 West Cedar Street, Boston, MA 02114 (US). YACTEEN, Wisam; 153 River Street, Waltham, MA 02453 (US).

(81) JP.

(84) EP (DE FR GB IT).

(51)⁷ G01N 33/49

(11) WO 03/038429 (13) A1

(21) PCT/JP01/09592

(22) 1 Nov/nov 2001 (01.11.2001)

(25) ja (26) ja

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF EXAMINING CONDITION OF ACTIVE OXYGEN RADICAL IN HUMAN BODY BASED ON LUMINESCENCE

• PROCEDE POUR EXAMINER L'ETAT D'UN RADICAL D'OXYGENE ACTIF DANS UN CORPS HUMAIN SUR LA BASE D'UNE LUMINESCENCE

(71) NIKKEN FOODS CO., LTD. [JP/JP]; 723-1, Haruoka, Fukuroi-shi, Shizuoka 437-0122 (JP). OFFICE MOY CO., LTD. [JP/JP]; Room 705, 20-9, Mita 5-chome, Minato-ku, Tokyo 108-0073 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) OKUBO, Kazuyoshi [JP/JP]; 40-1008, Showamachi 3-chome, Aoba-ku, Sendai-shi, Miyagi 981-0913 (JP).

(74) SUZUKI, Shoji et al. / etc.; Nihonseimeiyotsuya Bldg., 6th Fl., 16-2, Samoncho, Shinjuku-ku, Tokyo 160-0017 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/50, 33/15, A61K 45/00, A61P 29/00, 43/00

(11) WO 03/038430 (13) A1

(21) PCT/JP02/11147

(22) 28 Oct/oct 2002 (28.10.2002)

(25) ja (26) ja

(30) 2001-330835 29 Oct/oct 2001 JP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SCREENING METHOD
• TECHNIQUE D'ANALYSE

(71) TAKEDA CHEMICAL INDUSTRIES, LTD. [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIZUSHIMA, Tohru [JP/JP]; 9-11-202, Okudanihimachi, Okayama-shi, Okayama 700-0931 (JP). NARUO, Ken-ichi [JP/JP]; 1-2, Minamigaoka 1-chome, Sanda-shi, Hyogo 669-1535 (JP).

(74) TAKAHASHI, Shuichi et al. / etc.; c/o Osaka Plant of TAKEDA CHEMICAL INDUSTRIES, LTD., 17-85, Jusohonmachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0024 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/50

(11) WO 03/038431 (13) A1

(21) PCT/US01/50865

(22) 26 Oct/oct 2001 (26.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR SCREENING COMBINATORIAL BEAD LIBRARY, CAPTURING CELLS FROM BODY FLUIDS, AND LIGANDS FOR CANCER CELLS

• PROCEDE PERMETTANT DE CRIBLER UNE BANQUE COMBINATOIRE DE BILLES, DE CAPTURER DES CELLULES ISSUES DE LIQUIDES BIOLOGIQUES, ET LIGANDS POUR CELLULES CANCEREUSES

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 12th floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).

(72) LAU, Derick, H.; 11607 Melones Circle, Gold River, CA 95670 (US). LAM, Kit, S.; 1524 Arena Drive, Davis, CA 95616 (US).

(74) MILLEMANN, Audrey, A.; Weintraub Genshlea Chediak Sproul Law Corporation, 11th Floor, 400 Capitol Mall, Sacramento, CA 95814 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01N 33/50, G06F 17/00, 17/10

(11) WO 03/038432 (13) A1

(21) PCT/US02/22450

(22) 15 Jul/juil 2002 (15.07.2002)

(25) en (26) en

(30) 60/305,482 13 Jul/juil 2001 US (13.07.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CHI SQUARE TESTS FOR GENE EXPRESSION
• TESTS DE CHI CARRE POUR L'EXPRESSION GENIQUE

(63) US 60/305,482 (CIP)
13 Jul/juil 2001 (13.07.2001)

(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) BADER, Joel, S. [US/US]; 1127 High Ridge Road, #107, Stamford, CT 06905 (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01N 33/543

(11) WO 03/038433 (13) A1

(21) PCT/JP02/11229

(22) 29 Oct/oct 2002 (29.10.2002)

(25) ja (26) ja

(30) 2001-330336 29 Oct/oct 2001 JP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TEST APPARATUS

• APPAREIL D'ESSAI

(71) ARKRAY, INC. [JP/JP]; 57 Nishi Aketa-cho, Higashi-kujo, Minami-ku, Kyoto-shi, Kyoto 601-8045 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MURATA, Yasuhito [JP/JP]; C/O ARKRAY, Inc., 57 Nishi Aketa-cho, Higashi-kujo, Minami-ku, Kyoto-shi, Kyoto 601-8045 (JP).

(74) TOYAMA, Tsutomu et al. / etc.; Yokoyama Building 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/569

(11) WO 03/038434 (13) A2

(21) PCT/IB02/04125

(22) 8 Oct/oct 2002 (08.10.2002)

(25) en (26) en

(30) 60/334,811 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SEROLOGICAL ASSAY FOR NEOSPOA CANINUM

• DOSAGE SEROLOGIQUE DE NEOSPOA CANINUM

(71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRAKE, David, Alan [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). RITTER, Dianne, Marie [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).

(74) LUMB, J., Trevor et al. / etc.; c/o Simpson, Alison Urquhart-Dykes & Lord, 30 Welbeck Street, London W1G 8ER (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 33/58, 33/92, 33/542, C07K 14/775

(11) WO 03/038435 (13) A1

(21) PCT/FR02/03549

(22) 31 Oct/oct 2002 (31.10.2002)

(25) fr (26) fr

(30) 01/14225 2 Nov/nov 2001 FR (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF ANALYSING THE CONFORMATION OF A PEPTIDE HAVING AN AFFINITY FOR TARGET SUBSTANCES AND THE USE THEREOF IN THE ANALYSIS OF LIPOPROTEINS

• METHODE D'ANALYSE DE LA CONFORMATION D'UN PEPTIDE PRESENTANT UNE AFFINITE POUR DES SUBSTANCES CIBLES ET SON UTILISATION POUR L'ETUDE DE LIPOPROTEINES

(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) LEROY, Arnaud [FR/FR]; 17, rue Olivier de Serres, F-75015 Paris (FR). AGGERBECK, Lawrence [FR/FR]; 4, impasse des Ormes, F-91200 Athis-Mons (FR).

(74) BREESÉ, Pierre et al. / etc.; Breesé-Majerowicz, 3, avenue de l'Opéra, F-75001 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01N 33/58, G01J 3/44

(11) WO 03/038436 (13) A2

(21) PCT/GB02/05025

(22) 4 Nov/nov 2002 (04.11.2002)

(25) en (26) en

(30) 0126319.3 2 Nov/nov 2001 GB (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MICROFLUIDIC SER(R)S DETECTION
• DETECTION SERRS MICROFLUIDIQUE

(71) UNIVERSITY OF STRATHCLYDE [GB/GB]; McCance Building, 16 Richmond Street, Glasgow G1 1XQ (GB). THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW [GB/GB]; Gilbert Scott Building, University Avenue, Glasgow G12 8QQ (GB).

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(72, 75) SMITH, William, Ewen [GB/GB]; 62 Russell Drive, Glasgow G62 3BN (GB). GRAHAM, Duncan [GB/GB]; 10 Ladywell Gardens, Corstorphine, Edinburgh EH12 7LQ (GB). COOPER, Jonathan, Mark [GB/GB]; The University Cour of the University of Glasgow, No. 2 The Square, University Avenue, Glasgow G12 8QQ (GB). KEIR, Ruth [GB/GB]; Flat 1/1, 16 Gray Street, Perth PH2 0JJ (GB). IGATA, Eishi [JP/JP]; 1124-3 Kashiwa, Kashiwa, Chiba 277-0005 (JP).

(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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 33/68, C12Q 1/68, A61K 38/00, 48/00, A01K 67/027

(11) WO 03/038437 (13) A2

(21) PCT/DE02/04063

(22) 29 Oct/oct 2002 (29.10.2002)

(25) de (26) de

(30) 101 53 335.7 29 Oct/oct 2001 DE (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR THE DISCOVERY OF PHARMACOLOGICALLY ACTIVE AGENTS WHICH INFLUENCE THE FUNCTION OF NERVE CELLS

• PROCEDE DE DETECTION DE PRINCIPES ACTIFS D'ACTION PHARMACOLOGIQUE AGISSANT SUR LE FONCTIONNEMENT DES CELLULES NERVEUSES

(71) MEDINNOVA GESELLSCHAFT FÜR MEDIZINISCHE INNOVATIONEN AUS AKADEMISCHER FORSCHUNG MBH [DE/DE]; Biegenstrasse 4, 35037 Würzburg (DE).

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(72, 75) SENDTNER, Michael, Anton [DE/DE]; Helen-Keller-Str. 24, 97209 Veitshoechheim (DE). GUNNERSEN, Jennifer [AU/AU]; 82 Garton Street, Carlton North,

- VIC 3054 (AU). **SEDLACEK, Hans-Harald** [DE/DE]; Sonnenhang 3, 35041 Marburg (DE). **WIESE, Stefan** [DE/DE]; Egloffsteinstrasse 2, 97072 Würzburg (DE).
- (74) **JUNGBLUT, Bernhard** et al. / etc.; Albrecht, Lüke & Jungblut, Gelfertstrasse 56, 14195 Berlin (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 33/68**
- (11) **WO 03/038438** (13) A1
- (21) PCT/EP02/10834
- (22) **26 Sep/sep 2002 (26.09.2002)**
- (25) de (26) de
- (30) 101 53 631.3 **31 Oct/oct 2001 DE (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **METHOD FOR COMPARING TWO PROTEIN STATES**
• **PROCEDE POUR COMPARER DEUX ETATS DE PROTEINES**
- (71) **MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.** [DE/DE]; Hofgartenstrasse 8, 80539 München (DE).
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- (72, 75) **LOTTSPEICH, Friedrich** [AT/DE]; Peter-Dörfner-Strasse 4, 82131 Stockdorf (DE). **KELLERMANN, Josef** [DE/DE]; Gumstrasse 6a, 82152 Planegg (DE).
- (74) **KEHL, Günther;** Friedrich-Herschel-Strasse 9, 81679 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 33/68**
- (11) **WO 03/038439** (13) A2
- (21) PCT/EP02/12215
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) en (26) en
- (30) 101 53 584.8 **2 Nov/nov 2001 DE (02.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **FUNCTIONAL IDENTIFICATION OF TARGETS ON TISSUES AND CELLS**
• **IDENTIFICATION FONCTIONNELLE DE CIBLES SUR DES TISSUS ET CELLULES**
- (71) **MEGAMEDICS GMBH** [DE/DE]; Hafenstr. 32, 22880 Wedel (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAIN, Jens** [DE/DE]; Königsbergstr. 66, 22880 Wedel (DE). **VON BERGEN, Martin** [DE/DE]; Geesthachter Strasse 40, 21483 Gülzow (DE). **MARTI, Thomas** [CH/DE]; Horn 32, 25421 Pinneberg (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 VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038440** (13) A2
- (21) PCT/GB02/04918
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) en (26) en
- (30) 0126047.0 **30 Oct/oct 2001 GB (30.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **CHEMOKINE BINDING MOLECULES**
• **MOLECULES DE LIAISON A LA CHI-MIOKINE**
- (71) **CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED** [GB/GB]; The Old Schools, Trinity Lane, Cambridge, Cambridgeshire CB2 1TS (GB). **ANIMAL HEALTH TRUST** [GB/GB]; Lanwades Park, Kentford, Newmarket, Suffolk CB8 7UU (GB).
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- (72, 75) **ALCAMI, Antonio** [ES/GB]; 46 Hauxton Road, Little Shelford, Cambridge, Cambridgeshire CB2 5HJ (GB). **BRYANT, Neil** [GB/GB]; 1 Romney Close, St. Ives, Cambridgeshire PE27 3HB (GB). **DAVIS-POYNTER, Nicholas** [GB/GB]; Animal Health Trust, Lanwades Park, Kentford, Newmarket, Suffolk CB8 7UU (GB).
- (74) **SUTCLIFFE, Nicholas, R.** et al. / etc.; Mewburn Ellis, York House 23 Kingsway, London, Greater London WC2B 6HP (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 33/68**
- (11) **WO 03/038441** (13) A2
- (21) PCT/GB02/04997
- (22) **4 Nov/nov 2002 (04.11.2002)**
- (25) en (26) en
- (30) 0126386.2 **2 Nov/nov 2001 GB (02.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **SCREENING METHODS BASED ON CITED FAMILY PROTEINS**
• **PROCEDES DE CRIBLAGE A BASE DE PROTEINES DE LA FAMILLE DES CITED**
- (71) **ISIS INNOVATION LTD** [GB/GB]; Ewert House, Ewert Place, Summertown, Oxford, Oxfordshire OX2 8BZ (GB).
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- (72, 75) **BRAGANCA, Jose** [PT/GB]; Department of Cardiovascular Medicine, University of Oxford, Wellcome Trust Centre for Human Genetics, Roosevelt Drive, Oxford, Oxfordshire OX3 8BN (GB). **MARQUES, Fatima** [PT/GB]; Department of Cardiovascular Medicine, University of Oxford, Wellcome Trust Centre for Human Genetics, Roosevelt Drive, Oxford, Oxfordshire OX3 7BN (GB). **BHATTACHARYA, Shoumo** [IN/GB]; Department of Cardiovascular Medicine, University of Oxford, Wellcome Trust Centre for Human Genetics, Roosevelt Drive, Oxford, Oxfordshire OX3 7BN (GB). **BAMFORTH, Simon** [GB/GB]; The University of Oxford, Department of Cardiovascular Medicine, Wellcome Trust Centre for Human Genetics, Roosevelt Drive, Oxford OX3 7BN (GB). **HURST, Helen, Catherine** [GB/GB]; Gene Transcription Lab, Cancer Research UK Molecular Oncology Unit, ICSM @ Hammersmith Hospital, Du Cane Road, London W12 0HS (GB). **ELORANTA, Jyrki, Johannes** [FI/GB]; Gene Transcription Lab, Cancer Research UK Molecular Oncology Unit, ICSM @ Hammersmith Hospital, Du Cane Road, London W12 0HS (GB).
- (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 G01N 33/68
(11) WO 03/038442 (13) A2
(21) PCT/US02/34512
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 60/350,080 29 Oct/oct 2001 US
(29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)

(54) • PROCESSES FOR PRODUCING OPTIMIZED PHARMACOPHORES
• PROCEDE DE PRODUCTION DE PHARMACOPHORES OPTIMISES

(71) VERTEX PHARMACEUTICALS INCORPORATED [US/US]; Patent Department, 130 Waverly Street, Cambridge, MA 02139-4242 (US).
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(72, 75) VAN DRIE, John, H. [US/US]; 34 Stinson Road, Andover, MA 01810 (US). PENG, Jeffrey, W. [US/US]; 24 St. Paul Street #5, Brookline, MA 02446 (US).

(74) GOVINDASWAMY, Nandakumar et al. / etc.; Vertex Pharmaceuticals Inc., 130 Waverly Street, Cambridge, MA 02139-4242 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G01N 33/68
(11) WO 03/038443 (13) A2
(21) PCT/US02/34831
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 60/340,946 30 Oct/oct 2001 US
(30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS FOR IDENTIFYING A COMPOUND THAT CAN BIND TO MEMBRANE-BOUND RECEPTORS
• PROCEDES D'IDENTIFICATION D'UN COMPOSE POUVANT SE LIER A DES RECEPTEURS MEMBRANAIRES

(71) VERTEX PHARMACEUTICALS INCORPORATED [US/US]; Patent Department, 130 Waverly Street, Cambridge, MA 02139-4242 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOTFIELD, Martyn [US/US]; 363 Marlborough Street, Boston, MA 02115 (US). PENG, Jeffrey, W. [US/US]; 24 St. Paul Street, #5, Brookline, MA 02446 (US).

(74) GOVINDASWAMY, Nandakumar et al. / etc.; Vertex Pharmaceuticals Inc., 130 Waverly Street, Cambridge, MA 02139-4242 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G01N 33/68
(11) WO 03/038444 (13) A2
(21) PCT/US02/34847
(22) 31 Oct/oct 2002 (31.10.2002)
(25) en (26) en
(30) 60/335,964 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)
(54) • BIOMARKERS OF LIVER RESPONSE
• BIOMARQUEURS DE REPONSE HEPATIQUE

(71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340-5196 (US). OXFORD GLYCOSCIENCES (UK) LTD. [GB/GB]; The Forum, 86 Milton Park, Abingdon, Oxfordshire, OX14 4RY (GB).
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(72, 75) AMACHER, David, E. [—/US]; Lyme, CT (US). FASULO, Lisa, M. [—/US]; Ivoryton, CT (US). HERATH, Herath, Mudiyanse, Athua, Chandrasiri [GB/GB]; 53 Foster Road, Abingdon, United Kingdom, OX14 1YW (GB). HOLT, Gordon, Duane [US/US]; Gaithersburg, MD 20879 (US). STIGER, Thomas, R. [—/US]; Fawcattuck, CT (US).

(74) ARNOLD, Beth, E. et al. / etc.; Patent Group, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 35/00, C12M 1/00
(11) WO 03/038445 (13) A1
(21) PCT/US02/33813
(22) 23 Oct/oct 2002 (23.10.2002)
(25) en (26) en
(30) 10/032,661 26 Oct/oct 2001 US
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)
(54) • METHOD AND APPARATUS FOR MONITORING OF PROTEINS AND CELLS
• METHODE ET DISPOSITIF DE SURVEILLANCE POUR PROTEINES ET DE CELLULES

(71) AUTOMATED CELL, INC. [US/US]; 390 William Pitt Way, Pittsburgh, PA 15238 (US).

(72) BAHNSON, Alfred, Blalock; 113 Thompson Drive Ext., Pittsburgh, PA 15229 (US). KOEBLER, Douglas, J.; 412 Old Route 30, Irwin, PA 15642 (US). ANTHANASSIOU, Charalambos, N.; c/o Antonia Anthanassiou, 12 Ekkafididou ST, GR-Athens 11633 (GR). HOUCK, Raymond, K.; 832 12th Street, Oakmont, PA 15139 (US). SACHSENMEIER, Kris, F.; 724 Kewanna Avenue, Pittsburgh, PA 15234 (US). QIAN, Lei; 106 Pennsylvania Avenue, Apt.#3, Oakmont, PA 15139 (US).

(74) SCHWARTZ, Ansel, M.; Attorney at Law, 201 N. Craig Street, Suite 304, Pittsburgh, PA 15213 (US).

(81) AU CA JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G01P 3/36, 5/00
(11) WO 03/038446 (13) A1
(21) PCT/DK02/00672
(22) 8 Oct/oct 2002 (08.10.2002)
(25) en (26) en
(30) 01204155.4 1 Nov/nov 2001 EP
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • OPTICAL DEVICE AND METHOD FOR MEASURING VELOCITY
• DISPOSITIF OPTIQUE ET PROCEDE DE MESURE DE VITESSE

(71) FORSKNINGSCENTER RISØ [DK/DK]; Frederiksborgvej 399, Postboks 49, DK-4000 Roskilde (DK).

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(72, 75) **HANSON, Vagn, Steen, Grüner** [DK/DK]; Atterupvej 27, DK-4640 Fakse (DK). **JACOBSEN, Michael, Linde** [DK/DK]; Rosenørns Allé 63, 4. tv., DK-1970 Frederiksberg C (DK).

(74) **PATENTGRUPPEN APS**; Arosgården, Åboulevarden 31, DK-8000 Århus C (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G01P 3/48

(11) WO 03/038447 (13) A2

(21) PCT/FR02/03744

(22) 30 Oct/oct 2002 (30.10.2002)

(25) fr (26) fr

(30) 01/14140 31 Oct/oct 2001 FR (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND SYSTEM FOR MEASURING ROTATIONAL SPEED OF A MOTOR VEHICLE WHEELS

• PROCEDE ET SYSTEME DE MESURE DE LA VITESSE DE ROTATION DES ROUES D'UN VEHICULE AUTOMOBILE

(71) **JOHNSON CONTROLS AUTOMOTIVE ELECTRONICS** [FR/FR]; 18, chaussée Jules César, F-95523 Cergy Pontoise (FR).

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(72, 75) **PINARD, Thierry** [FR/FR]; 48/50, rue des Croissants, F-92380 Garches (FR). **MICHEL, Nicolas** [FR/FR]; 11, rue Guillaume Mallard, F-78500 Sartrouville (FR). **DELAPORTE, Francis** [FR/FR]; 33, avenue de la Muette, F-95520 Osny (FR). **HERNANDO, Serge** [FR/FR]; 1, passage de la symphonie, F-95800 Cergy (FR).

(74) **BLOCH & ASSOCIES**; 2, square de l'Avénue 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 VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU 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 G01P 15/00

(11) WO 03/038448 (13) A1

(21) PCT/US02/34163

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 60/339,258 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AN ACCELEROMETER AND METHODS THEREOF

• ACCELEROMETRE ET PROCEDES CORRESPONDANTS

(71, 72) **POTTER, Michael, D.** [US/US]; 1759 Beulah Road, Churchville, NY 14428 (US).

(74) **LEINBERG, Gunnar, G.** et al. / etc.; Nixon Peabody LLP, Clinton Square, P.O. Box 31051, Rochester, NY 14603-1051 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01P 15/08, B81B 7/02, B81C 3/00, G01P 1/02

(11) WO 03/038449 (13) A1

(21) PCT/EP02/11256

(22) 8 Oct/oct 2002 (08.10.2002)

(25) de (26) de

(30) 101 53 319.5 29 Oct/oct 2001 DE (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MICRO-SENSOR

• MICROCAPTEUR

(71) **AUSTRIAMICROSYSTEMS** AG [AT/AT]; Schloss Premstätten, A-8141 Unterpremstätten (AT).

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(72, 75) **BRANDL, Manfred** [AT/AT]; Flurgasse 5, A-8112 Gratwein (AT). **CSERNICSKA, Robert** [AT/AT]; Wiesenstr. 3, A-8510 Stainz (AT).

(74) **EPPING HERMANN & FISCHER**; Riddlerstr. 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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G01R

(11) WO 03/038450 (13) A2

(21) PCT/CA02/01582

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 2,360,291 30 Oct/oct 2001 CA (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND PROGRAM PRODUCT FOR DESIGNING HIERARCHICAL CIRCUIT FOR QUIESCENT CURRENT TESTING

• PROCEDE ET PRODUIT-PROGRAMME DE CONCEPTION D'UN CIRCUIT HIERARCHIQUE DE CONTROLE DE COURANT DE REPOS

(71) **LOGICVISION, INC.** [US/US]; 101 Metro Drive, Third Floor, San Jose, CA 95110 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NADEAU-DOSTIE, Benoit** [CA/CA]; 17 Croissant de la Paix, Aylmer, Québec J9H 3X7 (CA). **CÔTÉ, Jean-François** [CA/CA]; 57 Juniper Street, Chelsea, Québec J9B 1T3 (CA).

(74) **PROULX, Eugene, E.**; LogicVision (Canada), Inc., 1525 Carling Avenue, Suite 404, Ottawa, Ontario K1Z 8R9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01R 11/24

(11) WO 03/038451 (13) A1

(21) PCT/AU02/01491

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) PR 8629 1 Nov/nov 2001 AU (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METER REMOVAL DETECTOR

• DETECTEUR DE SUPPRESSION D'APPAREILS DE MESURE

(71) **INOVATECH LIMITED** [CN/AU]; Level 2, 120 Christie Street, St Leonards, NSW 2065 (AU).

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(72, 75) ALVES, Andre [AU/AU]; 17 Bishop Street, Petersham, NSW 2049 (AU).

(74) HODGKINSON OLD MCINNES; Level 3, 20 Alfred Street, Milsons Point, NSW 2061 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G01R 15/20

(11) WO 03/038452 (13) A1

(21) PCT/JP02/11473

(22) 1 Nov/nov 2002 (01.11.2002)

(25) ja (26) ja

(30) 2001-336682 1 Nov/nov 2001 JP (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CURRENT SENSOR AND CURRENT SENSOR MANUFACTURING METHOD

• CAPTEUR DE COURANT ET PROCEDE DE FABRICATION ASSOCIE

(71) ASAHI KASEI KABUSHIKI KAISHA [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-8205 (JP). SENTRON AG [CH/CH]; Baarerstrasse 73, CH-6300 Zug (CH).

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(72, 75) SHIBAHARA, Koji [JP/JP]; 1454-41, Aiharamachi, Machida-shi, Tokyo 194-0211 (JP). YAMAGATA, Yo [JP/JP]; Kure Aoshima 102, 231, Aoshima-cho, Fuji-shi, Shizuoka 417-0047 (JP). POPOVIC, Radi-voje [CH/CH]; Chemin de Champagne 21, CH-1025 St-Sulpice (CH). RACZ, Robert [CH/CH]; Bleichstrasse 9, CH-6300 Zug (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G01R 21/01

(11) WO 03/038453 (13) A1

(21) PCT/JP02/07884

(22) 1 Aug/août 2002 (01.08.2002)

(25) ja (26) ja

(30) 2001-332110 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HIGH-FREQUENCY DETECTION METHOD AND HIGH-FREQUENCY DETECTION CIRCUIT

• PROCEDE DE DETECTION DE HAUTE FREQUENCE ET CIRCUIT DE DETECTION DE HAUTE FREQUENCE

(71) PEARL KOGYO CO., LTD. [JP/JP]; 8-13, Minamikagaya 3-chome, Suminoe-ku, Osaka-shi, Osaka 559-0015 (JP).

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(72, 75) WATANABE, Shinichi [JP/JP]; c/o PEARL KOGYO CO., LTD., 8-13, Minamikagaya 3-chome, Suminoe-ku, Osaka-shi, Osaka 559-0015 (JP). SAEKI, Noboru [JP/JP]; c/o PEARL KOGYO CO., LTD., 8-13, Minamikagaya 3-chome, Suminoe-ku, Osaka-shi, Osaka 559-0015 (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 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 G01R 22/00

(11) WO 03/038454 (13) A1

(21) PCT/KR02/02023

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 2001/67261 30 Oct/oct 2001 KR (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • REAL-TIME CHARGING ELECTRONIC WATTHOUR METER

• WATT-HEUREMETRE ELECTRONIQUE A FACTURATION EN TEMPS REEL

(71) KOREA ELECTRIC POWER CORPORATION [KR/KR]; 167 Samsung-dong, Gangnam-gu, 135-109 Seoul (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JANG, Moon-jong [KR/KR]; Korea Electric Power Research Institute, 103-16, Moonji-dong, Yousung-gu, 305-380 Deajun-shi (KR). LEE, Bong-jae [KR/KR]; Korea Electric Power Research Institute, 103-16, Moonji-dong, Yousung-gu, 305-380 Deajun-shi (KR).

(74) SUH, Man-kyu; 3F Jungan Bldg., 827-64, Yeoksam-dong, Kangnam-gu, 135-080 Seoul (KR).

(81) GB JP US.

Published / Publiée : (c)

(51)⁷ G01R 27/06, 27/28

(11) WO 03/038455 (13) A2

(21) PCT/DE02/04042

(22) 30 Oct/oct 2002 (30.10.2002)

(25) de (26) de

(30) 101 53 090.0 30 Oct/oct 2001 DE (30.10.2001)

(30) 101 61 399.7 13 Dec/déc 2001 DE (13.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND DEVICE FOR PHASE CALCULATION FROM ATTENUATION VALUES USING A HILBERT TRANSFORM FOR REFLECTOMETRIC MEASUREMENTS IN THE FREQUENCY DOMAIN

• PROCEDE ET DISPOSITIF POUR LE CALCUL DE PHASE A PARTIR DES VALEURS D'ATTENUATION AU MOYEN D'UNE TRANSFORMEE DE HILBERT POUR DES MESURES PAR REFLECTOMETRIE DANS LE DOMAINE DES FREQUENCES

(71) T-MOBILE DEUTSCHLAND GMBH [DE/DE]; Langrabeweg 151, 53227 Bonn (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NOWOK, Gregor [DE/DE]; Eichenlöhlein 22a, 90455 Nürnberg (DE). POSPIECH, Peter [DE/DE]; Mühlgweg 6a, 91330 Eggolsheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G01R 27/08, 31/26, 27/04

(11) WO 03/038456 (13) A2

(21) PCT/US02/34215

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 60/335,876 1 Nov/nov 2001 US (01.11.2001)

(30) 10/202,980 24 Jul/juil 2002 US (24.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TANK PROBE FOR MEASURING SURFACE CONDUCTANCE

• SONDE DE RESERVOIR POUR LA MESURE DE LA CONDUCTANCE DE SURFACE

(71) **KLA-TENCOR TECHNOLOGIES CORPORATION** [US/US]; One Technology Drive, Milpitas, CA 95035 (US).

(72) **CHEN, Doug**; 5773 Encina Road #103, Goleta, CA 93117 (US). **ALEXANDER, John**; 116 S. Pastoria Avenue, Sunnyvale, CA 94086 (US). **SAMSAVAR, Amin**; 19055 Brookview Drive, Saratoga, CA 95070 (US).

(74) **LEE, Phillip, P.**; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (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 **G01R 29/02, G01N 27/60**

(11) **WO 03/038457** (13) A1

(21) PCT/US02/34061

(22) **23 Oct/oct 2002 (23.10.2002)**

(25) en (26) en

(30) 10/039,927 **26 Oct/oct 2001** US
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **ELECTROSTATIC DISCHARGE TESTING APPARATUS**
• **APPAREIL D'ESSAI DE DECHARGE ELECTROSTATIQUE**

(71, 72) **NEWMAN, Scott** [US/US]; 14990 S.W. Carolwood Drive, Beaverton, OR 97007 (US).

(74) **HANCOCK, Douglas, D.**; ipsolon llp, 805 S.W. Broadway, #2740, Portland, OR 97205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **G01R 29/26, H01F 1/00, G11B 5/02, 5/455 // G01R 33/44, G11B 5/012**

(11) **WO 03/038458** (13) A1

(21) PCT/US02/19697

(22) **19 Jun/juin 2002 (19.06.2002)**

(25) en (26) en

(30) 60/340,996 **30 Oct/oct 2001** US
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **MICROWAVE NOISE TESTING CIRCUIT FOR A DISC DRIVE**
• **CIRCUIT D'ESSAI DE BRUIT MICRO-ONDES POUR LECTEUR DE DISQUE**

(71) **SEAGATE TECHNOLOGY LLC** [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).

(72) **DAKROUB, Housan**; 7424 N.W. 101 Street, Oklahoma City, OK 73162 (US).

(74) **CESARI, Kirk, A.**; Seagate Technology LLC, 1280 Disc Drive, Shakopee, MN 55379 (US).

(81) CN DE GB JP KR SG.

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(51)⁷ **G01R 31/28**

(11) **WO 03/038459** (13) A1

(21) PCT/US02/32673

(22) **11 Oct/oct 2002 (11.10.2002)**

(25) en (26) en

(30) 09/999,719 **26 Oct/oct 2001** US
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **METHOD AND APPARATUS FOR ACCELERATED DETERMINATION OF ELECTROMIGRATION CHARACTERISTICS OF SEMICONDUCTOR WIRING**

• **PROCEDE ET APPAREIL POUR DETERMINER DE FAÇON ACCELEREE DES CARACTERISTIQUES D'ELECTROMIGRATION DE CONNEXIONS DE SEMI-CONDUCTEUR**

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, NY 10504 (US). **INFINEON TECHNOLOGIES NORTH AMERICA CORP.** [US/US]; 1730 North First Street, San Jose, CA 95112 (US).

(72) **FILIPPI, Ronald, G., Jr.**; 6 White Gate Road, Apt. D, Wappingers Falls, NY 12590 (US). **STRONG, Alvin, W.**; 26 Wildwood Drive, Essex Junction, VT 05452 (US). **SULLIVAN, Timothy, D.**; 5 Meadow Lane, Underhill, VT 05489 (US). **TIBEL, Deborah**; 100 Kennedy Drive #34, South Burlington, VT 05403 (US). **RUPRECHT, Michael**; 7 Hayden Street, Essex Junction, VT 05452 (US). **GRAAS, Carole**; 5 Homestead Farm, Jericho, VT 05465 (US).

(74) **CAPELLA, Steven**; International Business Machines Corporation, Dept. 18G, Bldg. 300/482, 2070 Route 52, Hopewell Junction, NY 12533 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 33/34**

(11) **WO 03/038460** (13) A1

(21) PCT/US02/31852

(22) **4 Oct/oct 2002 (04.10.2002)**

(25) en (26) en

(30) 10/035,299 **26 Oct/oct 2001** US
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **ROUNDED-CONDUCTOR NMR RF RESONATORS**

• **RESONATEURS A RADIOFREQUENCE POUR LA RESONANCE MAGNETIQUE NUCLEAIRE A CONDUCTEURS ARRONDIS**

(71) **VARIAN, INC.** [US/US]; 3120 Hansen Way, D-102, Palo Alto, CA 94304 (US).

(72) **DE SWIET, Thomas**; 2013 Washington Avenue, Redwood City, CA 94061 (US). **ROMO, Marco, A.**; 17990 Joseph Drive, Castro Valley, CA 94546 (US). **WINWARD, Nancy**; 835 Pheland Court, Milpitas, CA 95035 (US).

(74) **FISHMAN, Bella et al. / etc.**; Varian, Inc., Legal Department, D102, 3120 Hansen Way, Palo Alto, CA 94304 (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 **G01R 33/385**

(11) **WO 03/038461** (13) A1

(21) PCT/GB02/04846

(22) **30 Oct/oct 2002 (30.10.2002)**

(25) en (26) en

(30) 0126252.6 **1 Nov/nov 2001** GB
(01.11.2001)

(30) 0218962.9 **15 Aug/août 2002** GB
(15.08.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • **MRI GRADIENT COILS WITH REDUCED NEURAL STIMULATION**
• **BOBINES A GRADIENT POUR IRM A STIMULATION NEURONALE REDUITE**

(71, 72) **MANSFIELD, Peter** [GB/GB]; 68 Beeston Fields Drive, Bramcote, Nottingham NG9 3DD (GB). **BOWLEY, Roger, M.** [GB/GB]; M R Centre, Department of Physics, The University of Nottingham, University Park, Nottingham NG7 2RD (GB).

(74) **CHARIG, Raymond, J.**; 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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) **WO 03/038462** (13) A2

(21) PCT/CA02/01592

(22) **22 Oct/oct 2002 (22.10.2002)**

(25) en (26) en

(30) 2,361,015 **2 Nov/nov 2001** CA
(02.11.2001)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SPREAD SPECTRUM RADAR WITH LEAK COMPENSATION AT BASE-BAND
- RADAR A ETALEMENT DE SPECTRE A COMPENSATION DE FUITES A LA BANDE DE BASE
- (71) SPECTRUM TARGET DETECTION INC. [CA/CA]; 257 St-Joseph blvd, Suite 202, Gatineau, Québec J8Y 3X7 (CA).
- (72) RAUCH, Sol; 16 Parkmount Crescent, Nepean, Ontario K2H 5T4 (CA). KWONG, Michael, K.C.; 14 Aleutian Road, Nepean, Ontario K2H 7C8 (CA).
- (74) SADIK, Achmed N.; P.O. Box 908, Station B, Ottawa, Ontario K1P 5P9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G01S

- (11) WO 03/038463 (13) A2
- (21) PCT/IB02/04463
- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) en (26) en
- (30) 0126325.0 2 Nov/nov 2001 GB (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR SPREAD SPECTRUM SIGNAL ACQUISITION
- PROCEDE ET APPAREIL D'ACQUISITION DE SIGNAL A SPECTRE ETALE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) DOOLEY, Saul, R.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SARKAR, Amites; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). YULE, Andrew, T.; 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ G01S
- (11) WO 03/038464 (13) A2
- (21) PCT/US02/34740
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 10/021,119 30 Oct/oct 2001 US (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CALIBRATED REAL TIME CLOCK FOR ACQUISITION OF GPS SIGNALS DURING LOW POWER OPERATION
- HORLOGE TEMPS REEL ETALONNEE POUR ACQUISITION DE SIGNAUX GPS EN MODE D'ECONOMIE D'ENERGIE
- (71) SIRF TECHNOLOGY, INC. [US/US]; 148 E. Brokaw Road, San Jose, CA 95112 (US).
- (72) GRONEMEYER, Steven, A.; 6908 Wilton Drive, N.E., Cedar Rapids, IA 52402 (US).
- (74) TEMPEL, Michael, J.; Thomas, Kayden, Horstemeyer & Risley, LLP, 100 Galleria Parkway, NW, Suite 1750, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01S

- (11) WO 03/038465 (13) A2
- (21) PCT/US02/34753
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 10/020,730 30 Oct/oct 2001 US (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SYNTHETIC APERTURE LADAR SYSTEM USING INCOHERENT LASER PULSES
- SYSTEME DE RADAR LASER A SYNTHESE D'OUVERTURE UTILISANT DES IMPULSIONS LASER INCOHERENTES
- (71) RAYTHEON COMPANY [US/US]; 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US).
- (72) HALMOS, Maurice, J.; 4900 Gaviota Avenue, Encino, CA 91436 (US).
- (74) RAUFER, Colin, M.; Raytheon Company, 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US) et al. / etc.
- (81) IL.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)⁷ G01S
- (11) WO 03/038466 (13) A2
- (21) PCT/US02/34802
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 60/335,080 29 Oct/oct 2001 US (29.10.2001)
- (30) 10/034,941 21 Dec/déc 2001 US (21.12.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • BASE STATION TIME CALIBRATION USING POSITION MEASUREMENT DATA SENT BY MOBILE STATIONS DURING REGULAR POSITION LOCATION SESSIONS
- ETALONNAGE DE SYNCHRONISATION DE STATIONS DE BASE AU MOYEN DE DONNEES DE MESURE DE POSITION ENVOYEEES PAR DES STATIONS MOBILES PENDANT DES SESSIONS DE LOCALISATION DE POSITION ORDINAIRES
- (71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (72) GAAL, Peter; 9515 Easter Way #6, San Diego, CA 92121 (US). SOLIMAN, Samir, S.; 11412 Cypress Canyon Park Drive, San Diego, CA 92131 (US).
- (74) WADSWORTH, Philip, R. et al. / etc.; QUALCOMM Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01S

- (11) WO 03/038467 (13) A2
- (21) PCT/US02/34805
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 60/335,063 29 Oct/oct 2001 US (29.10.2001)
- (30) 10/057,689 24 Jan/jan 2002 US (24.01.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PARAMETER ESTIMATOR WITH DYNAMICALLY VARIABLE INTEGRATION TIME
- ESTIMATEUR DE PARAMETRE AVEC TEMPS D'INTEGRATION DYNAMIQUEMENT VARIABLE
- (71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) **STEIN, Jeremy, M.**; 19 Na'amat Street, 34670 Haifa (IL). **FERNANDEZ-CORBATON, Ivan**; 1134 Felspar Street, #2, San Diego, CA 92109 (US). **RICK, Roland, R.**; 11456 Northwick Way, San Diego, CA 92131 (US). **RISTIC, Borislav**; 7981 Playmor Terrace, San Diego, CA 92122 (US). **BHATIA, Ashok**; 1714 Grove Street #8, San Diego, CA 92102 (US). **AMERGA, Messay**; 8929 Lombard Place #119, San Diego, CA 92122 (US).

(74) **WADSWORTH, Philip, R.** et al. / etc.; QUALCOMM Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01S 3/00

(11) WO 03/038468 (13) A2

(21) PCT/US02/33951

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 10/020,479 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • OPTICAL POSITION SENSING OF MULTIPLE RADIATING SOURCES IN A MOVABLE BODY

• DETECTION OPTIQUE DE POSITION DE SOURCES DE RAYONNEMENT MULTIPLES DANS UN CORPS POUVANT ETRE DEPLACÉ

(71) **CONRAD TECHNOLOGIES, INC.** [US/US]; Station Square One, Suite 102, Paoli, PA 19301 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REDDI, M., Mahadeva** [US/US]; 307 Sandcastle Lane, Bryn Mawr, PA 19010 (US). **OSLON, Mitchell, B.** [US/US]; 107 Fir Drive, Collegeville, PA 19426 (US). **SILAGE, Dennis, A.** [US/US]; 3312 Saw Mill Road, Newtown Square, PA 19073 (US).

(74) **DUNNAM, Michael, P.**, 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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01S 7/40

(11) WO 03/038469 (13) A1

(21) PCT/AU02/01495

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) PR 8634 2 Nov/nov 2001 AU (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A METHOD AND DEVICE FOR CHRONOLOGICALLY SYNCHRONIZING A LOCATION NETWORK

• PROCEDE ET DISPOSITIF PERMETTANT DE SYNCHRONISER CHRONOLOGIQUEMENT UN RESEAU DE POSITIONNEMENT

(71) **QX CORPORATION PTY LTD** [AU/AU]; 401 Clunes Ross Street, Acton, ACT 2601 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMALL, David** [AU/AU]; U63, 13-15 Sturt Ave, Griffith, ACT 2603 (AU).

(74) **GAMBALE, Nunzio**; QX Corporation, 401 Clunes Ross Street, Acton, ACT 2601 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01S 13/38, G08B 13/181, G01V 3/12

(11) WO 03/038470 (13) A1

(21) PCT/JP02/11245

(22) 29 Oct/oct 2002 (29.10.2002)

(25) ja (26) ja

(30) 2001-332700 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DUAL-FREQUENCY MICROWAVE SENSOR

• CAPTEUR MICRO-ONDES DOUBLE FREQUENCE

(71) **OPTEX CO., LTD** [JP/JP]; 7-5, Nionohama 4-chome, Ohtsu-shi, Shiga 520-0801 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUJI, Masatoshi** [JP/JP]; c/o OPTEX CO., LTD., 7-5, Nionohama 4-chome, Ohtsu-shi, Shiga 520-0801 (JP).

(74) **KURAUCHI, Giro**; Sumitomoseimei Midouji Bldg. 14-3, Nishitemma 4-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).

(81) GB US.

(51)⁷ G01S 13/93, G08G 9/02

(11) WO 03/038471 (13) A1

(21) PCT/BR02/00146

(22) 31 Aug/août 2002 (31.08.2002)

(25) en (26) en

(30) PI 0105209-8 31 Oct/oct 2001 BR (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • EXTERNAL CONTROL OVER AIRCRAFTS MANOEUVRES OF AIRCRAFTS, MARITIME AND MOTOR VEHICLES AND/OR RAILWAY

• COMMANDE EXTERNE DES MANOEUVRES D'AERONEFS, DE VEHICULES MARITIMES, AUTOMOBILES ET/OU FERROVIAIRES

(71, 72) **BRANT, Celso, Sabrinho** [BR/BR]; SCS QD2 BLD S/302, CEP-70316-900 Brazilia, DF (BR). **MADEIRA, Jonahas, Gagliardi** [BR/BR]; SOS 104-B-406, CEP-70313-020 Brasilia, DF (BR).

(81) AU CA CN IL JP KR MX RU 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 IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ G01T

(11) WO 03/038472 (13) A2

(21) PCT/DE02/03942

(22) 18 Oct/oct 2002 (18.10.2002)

(25) de (26) de

(30) 101 53 241.5 31 Oct/oct 2001 DE (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TRANSMISSION DETECTOR AND A CORRESPONDING PRODUCTION METHOD

• DETECTEUR DE TRANSMISSION ET PROCEDE DE FABRICATION

(71) **FORSCHUNGSZENTRUM JÜLICH GMBH** [DE/DE]; Wilhelm-Johnen-Strasse, 52425 Jülich (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PROTIC, Davor** [HR/DE]; Alte Dürener Strasse 19, 52428 Jülich (DE). **KRINGS, Thomas** [DE/DE]; Vikarierstrasse 29, 52441 Linnich (DE).

(74) **FORSCHUNGSZENTRUM JÜLICH GMBH**; Fachbereich Patente, 52425 Jülich (DE).

(81) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G01T

(11) WO 03/038473 (13) A2

(21) PCT/US02/34892

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 10/035,684 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • POSITION SENSITIVE SOLID STATE DETECTOR WITH INTERNAL GAIN

• DETECTEUR DE POSITION TRANSMIS- TORISE A GAIN INTERNE

(71) SCIENCE WARES [US/US]; 30 Sandwich Road, East Falmouth, MA 02536 (US). RADIATION MONITORING DEVICES, INC. [US/US]; 44 Hunt Street, Watertown, MA 02472 (US).

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(72, 75) KARPLUS, Eric [US/US]; 30 Sandwich Road, East Falmouth, MA 02536 (US). FARRELL, Richard [US/US]; 44 Hunt Street, Watertown, MA 02472 (US). SHAH, Kanai [US/US]; 44 Hunt Street, Watertown, MA 02472 (US).

(74) KARPLUS, Eric; Science Wares, 30 Sandwich Road, East Falmouth, MA 02536 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G01V

(11) WO 03/038474 (13) A2

(21) PCT/US02/35292

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/335,709 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TRANSACTION VERIFICATION SYSTEMS AND METHOD

• SYSTEME DE DETECTION D'OCCUPANT

(71) AUTOMOTIVE SYSTEMS LABORATORY, INC. [US/US]; 27200 Haggerty Road, Suite B-12, Farmington Hills, MI 48331 (US).

(72, 75) STANLEY, James, G. [US/US]; 21945 Daleview Drive, Novi, MI 48374 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 G01V 13/00, 1/38

(11) WO 03/038475 (13) A1

(21) PCT/CA02/01672

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 09/985,231 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ARRAY CALIBRATION AND QUALITY ASSURANCE

• ETALONNAGE ET CONTROLE DE LA QUALITE DE RESEAU

(71) OCEAN DATA EQUIPMENT CORPORATION [US/US]; 88 Royal Little Drive, Providence, RI 02904 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CAULFIELD, David, D. [CA/CA]; 51132 Range Road 261, Spruce Grove, Alberta T7Y 1B8 (CA).

(74) BAKER, John, A. et al. / etc.; KIRBY EADES GALE BAKER, P.O. Box 3432, Station D, Ottawa, Ontario K1P 6N9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B

(11) WO 03/038476 (13) A2

(21) PCT/IB02/05828

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 10/052,939 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF TESTING OPTICAL FIBERS

• PROCEDE D'ESSAI DE FIBRES OPTIQUES

(71) SCHOTT GLAS [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).

(72) BONJA, Jeff, A.; 180 Fiske Hill Road, Sturbridge, MA 01566 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B

(11) WO 03/038477 (13) A2

(21) PCT/US02/29583

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 2,357,428 18 Sep/sep 2001 CA (18.09.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR COMPENSATING FOR POLARIZATION MODE DISPERSION IN OPTICAL DEVICES

• PROCEDE ET APPAREIL DE CORRECTION D'UNE DISPERSION DE POLARISATION DE MODE DANS DES DISPOSITIFS OPTIQUES

(71) ACCELIGHT INVESTMENTS, INC. [US/US]; 300 Delaware Avenue, Suite 1704, Wilmington, DE 19801 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZHANG, Jingyun [CA/US]; 2506 Partridge Drive, Upper St. Clair, PA 15241 (US).

(74) BYRNE, Richard, L. et al. / etc.; Webb Ziesenheim Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G02B

(11) WO 03/038478 (13) A2

(21) PCT/US02/33881

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 60/343,709 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LOW LOSS LATERAL OPTICAL WAVEGUIDE INTERSECTIONS

• INTERSECTIONS DE GUIDES D'ONDES OPTIQUES LATERALES A FAIBLE PERTE DE TRANSMISSION

(71, 72) LITTLE, Brent E. [CA/US]; 201 Lakeside Drive, Apt. 104, Greenbelt, MD 20770 (US).

(74) GRUNE, Guerry L.; ePATENTMAN-AGER.COM, 784 S. Villier Ct., Virginia Beach, VA 23452 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 G02B

(11) WO 03/038479 (13) A2

(21) PCT/US02/34828

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/335,093 30 Oct/oct 2001 US (30.10.2001)

(30) 60/332,183 21 Nov/nov 2001 US (21.11.2001)

(30) 60/363,808 12 Mar/mar 2002 US (12.03.2002)

(30) 60/367,911 26 Mar/mar 2002 US (26.03.2002)

(30) 60/385,427 31 May/mai 2002 US (31.05.2002)

(30) 10/178,601 20 Jun/juin 2002 US (20.06.2002)

(30) 10/178,937 20 Jun/juin 2002 US (20.06.2002)

(30) 10/178,621 20 Jun/juin 2002 US (20.06.2002)

(30) 10/178,935 20 Jun/juin 2002 US (20.06.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • STRUCTURES AND METHODS FOR REDUCING ABERRATION IN OPTICAL SYSTEMS

• STRUCTURES ET PROCÉDES DE RÉDUCTION D'ABERRATION DANS DES SYSTÈMES OPTIQUES

(71) OPTICAL RESEARCH ASSOCIATES [US/US]; 3280 Foothill Boulevard, Suite 300, Pasadena, CA 91107-3103 (US).

(72) MCGUIRE, James, Jr.; 1720 Kaweah Drive, Pasadena, CA 91105 (US).

(74) ALTMAN, Daniel, E.; Knobbe, Martens, Olson and Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 1/11, C08J 7/04, B32B 27/08

(11) WO 03/038480 (13) A1

(21) PCT/US02/34925

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 10/001,639 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • RADIATION-CURABLE ANTI-REFLECTIVE COATING SYSTEM

• SYSTÈME DE REVÊTEMENT DURCISSABLE PAR RAYONNEMENT ANTIRÉFLECTIF

(71) CHEMAT TECHNOLOGY, INC. [US/US]; 9036 Winnetka Avenue, Northridge, CA 91324 (US).

(72) HE, Liu; 3986 Stoneridge Drive #7, Pleasanton, CA 94588 (US). PARK, Sung-Soon; 535 South Curson Avenue #49-IL, Los Angeles, CA 90036 (US). ZHENG, Haixing; 6348 Ballantine Place, Oak Park, CA 91377 (US). TANG, Grace; 15150 Carey Ranch Lane, Sylmar, CA 91342 (US). VANCE, Aylin; 17900 Sherman Way #513, Reseda, CA 91335 (US).

(74) BABBITT, William, Thomas et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Blvd., Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 3/00, 6/32

(11) WO 03/038481 (13) A1

(21) PCT/AU02/01459

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) PR 8513 29 Oct/oct 2001 AU (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • GUIDE SYSTEM

• SYSTÈME DE GUIDAGE

(71, 72) WOODWARD, Robert, Raymond [AU/AU]; 6 Wyndarra Place, Northwood, NSW 2066 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G02B 5/00

(11) WO 03/038482 (13) A2

(21) PCT/GB02/04831

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 0125996.9 30 Oct/oct 2001 GB (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TUNEABLE FILTER

• FILTRE ACCORDABLE

(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) SMITH, Gilbert, William [GB/GB]; Qinetiq Limited, St Andrews Road, Malvern, Worcestershire WR14 3PS (GB).

(74) RUSHTON, David, John; IP Qinetiq Formalities, Cody Technology Park, A4 Building Ively Road, Farnborough, Hampshire GU14 0LX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 G02B 5/26, 5/20

(11) WO 03/038483 (13) A1

(21) PCT/JP02/06182

(22) 20 Jun/juin 2002 (20.06.2002)

(25) en (26) en

(30) 2001-335392 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • UV-BANDPASS FILTER AND APPLICATION TO UV-DETECTING APPARATUS OR LIGHT-EMITTING APPARATUS

• FILTRE PASSE-BANDE UV ET APPLICATION A UN DISPOSITIF DE DETECTION D'UV OU UN DISPOSITIF LUMINESCENT

(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) SAKAKIBARA, Masayuki [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP). MORISHITA, Masaru [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, Okura-honkan, 6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 5/30, G01J 9/00

(11) WO 03/038484 (13) A1

(21) PCT/JP02/11364

(22) 31 Oct/oct 2002 (31.10.2002)

(25) ja (26) ja

(30) 2001-336583 1 Nov/nov 2001 JP (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • WAVE LENGTH PLATE, WAVELENGTH FILTER AND WAVELENGTH MONITOR

• PAN LONGUEUR D'ONDE, FILTRE LONGUEUR D'ONDE ET UNITE DE SURVEILLANCE DE LONGUEUR D'ONDE

(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) IMAKI, Masao [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). YAMAMOTO, Syuhei [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). MIKAMI, Youhei [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). HIRANO, Yoshihito [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). SATOU, Makoto [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). MASUDA, Kenji [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). NISHIMURA, Yasunori [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). MASUYAMA, Yuji [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G02B 5/32, 5/20, G02F 1/1335, 1/1334, G02B 27/18

(11) WO 03/038485 (13) A1

(21) PCT/JP02/11241

(22) 29 Oct/oct 2002 (29.10.2002)

(25) ja (26) ja

(30) 2001/335404 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TRANSMISSION TYPE LAMINATED HOLOGRAM OPTICAL ELEMENT AND IMAGE DISPLAY DEVICE COMPRISING THIS OPTICAL ELEMENT

• ELEMENT OPTIQUE HOLOGRAPHIQUE STRATIFIE DE TYPE TRANSMISSION ET DISPOSITIF D'AFFICHAGE D'IMAGES COMPRENANT LEDIT ELEMENT OPTIQUE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUKAWA, Hiroshi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) KOIKE, Akira et al. / etc.; 11th Floor, Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G02B 6/00

(11) WO 03/038486 (13) A2

(21) PCT/GB02/04912

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 0126007.4 30 Oct/oct 2001 GB (30.10.2001)

(30) 0203146.6 8 Feb/fév 2002 GB (08.02.2002)

(30) 0222622.3 28 Sep/sep 2002 GB (28.09.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AN OPTICAL LIGHT SOURCE

• SOURCE LUMINEUSE OPTIQUE

(71) SOUTHAMPTON PHOTONICS LIMITED [GB/GB]; Phi House, Enterprise Road, Chilworth Science Park, Southampton SO16 7NS (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHAIFUL, Alam [BD/GB]; 148 B Broadlands Road, Swaythling, Southampton SO17 3AR (GB). GRUDININ, Anatoly [RU/GB]; 69 Burgess Road, Bassett, Southampton SO16 7AL (GB). YLA-JARKKO, Kalle [FI/GB]; 36 Arthurs Gardens, Hedge End SO30 2NG (GB). GODFREY, Ian [GB/GB]; 15 Kestrel Close, Marchwood, Southampton SO40 4XL (GB). TURNER, Paul [GB/GB]; 29 Sovereign Way, Boyatt Wood, Eastleigh SO50 4SA (GB). MOORE, Jonathan [GB/GB]; Flat 8, Parkside Gardens, 87 St Mary's Street, Southampton SO14 1LZ (GB). CODEMARD, Christophe [FR/GB]; Flat 9, Arundel House, 21 Lawn Road, Portwood, Southampton SO17 2ER (GB). HORLEY, Ray [GB/GB]; Canada Cottage, Canada Road, West Wellow, Hampshire SO51 6DD (GB). SAHU, Jayaunta, Kumar [IN/GB]; 5 Rayners Garden, Swaythling, Southampton SO16 2JG (GB). RICHARDSON, David [GB/GB]; 1 Midanbury lane, Bitterne Park, Bitterne, Southampton SO18 4HY (GB). NILSSON, Lars, Johan, Albinsson [SE/GB]; 10 Elm Close, Bassett Avenue, Bassett, Southampton SO16 7DT (GB). RENAUD, Cyril [FR/GB]; 39 Barnwood Close, London W9 2RF (GB). SELVAS-AGUILAR, Romeo [MX/GB]; 60 Harefield Road, Swaythling, Southampton SO17 3TH (GB).

(74) JONES, Graham, Henry; Graham Jones & Company, 77 Beaconsfield Road, Blackheath, London SE3 7LG (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 G02B 6/00

(11) WO 03/038487 (13) A2

(21) PCT/GB02/04993

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 0126083.5 31 Oct/oct 2001 GB
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • IMPROVEMENTS IN AND RELATING TO OPTOELECTRONIC DEVICES
• PERFECTIONNEMENTS RELATIFS A DES DISPOSITIFS OPTOELECTRONIQUES

(71) THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW [GB/GB]; Gilbert Scott Building, University Avenue, Glasgow G12 8QQ (GB). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75794 Paris (FR). FRANCE TELECOM SOCIETE ANONYME [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).

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(72, 75) MARSH, John, Haig [GB/GB]; 1 Bellhugh Gardens, Glasgow G12 OSN (GB). BRYCE, Ann, Catrina [GB/GB]; 76 Church Street, Larkhall ML9 1HE (GB). QUI, Bocang [CN/GB]; House 15, 65 Cedar Street, Glasgow G20 7NR (GB). RAO, Elchuri [IN/FR]; 1 rue du Moulin de Pierre, F-92310 Issy-les-Moulineaux (FR). THEYS, Bertrand [FR/FR]; 4 Rue Antoine Condorcet, F-78260 Archeres (FR). HEYMES, Yvon [FR/FR]; 4 Rue de la Touline, F-56610 Arradon (FR).

(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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G02B 6/00, B26D 1/09

(11) WO 03/038488 (13) A1

(21) PCT/US02/33846

(22) 21 Oct/oct 2002 (21.10.2002)

(25) en (26) en

(30) 10/011,665 30 Oct/oct 2001 US
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • OPTICAL RIBBON SEPARATION METHODS AND TOOLS THEREFOR
• PROCEDES ET OUTILS DE SEPARATION DE RUBANS OPTIQUES

(71) CORNING CABLE SYSTEMS LLC [US/US]; Post Office Box 489, 800 17th Street, NW, Hickory, NC 28603 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOCHKOVIC, Gregory, A. [US/US]; 1140 McDowell Circle, Conover, NC 28613 (US). RICHARDS, John, S. [US/US]; 1514 Indian Springs Drive, Conover, NC 28613 (US). MOORJANI, Shail, K. [IN/US]; 704 Braemore Court, Conover, NC 28613 (US).

(74) CARROLL, JR., Michael, E.; Post Office Box 489, 800 17th Street, Hickory, NC 28603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 G02B 6/00

(11) WO 03/038489 (13) A2

(21) PCT/US02/34443

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/003,334 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR POSITIONING AN OPTICAL FIBER
• PROCEDE ET DISPOSITIF DE POSITIONNEMENT D'UNE FIBRE OPTIQUE

(71) CORNING CABLE SYSTEMS LLC [US/US]; 800 17th Street NW, PO Box 489, Hickory, NC 28603 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GIMBEL, Brian, J. [US/US]; 109 Barrington Road North, Horseheads, NY 14845 (US). LUTHER, James, P. [US/US]; 2471 Rolling Ridge Drive, Hickory, NC 28602 (US). THEUERKORN, Thomas [DE/US]; 2830 16th Street NW, #108, Hickory, NC 28601 (US). TRAN, Hieu, V. [US/US]; 1628 Paddock Circle, Charlotte, NC 28209 (US). CHILDERS, Darrell, R. [US/US]; 2730 24th Street Court NE, Hickory, NC 28601 (US). KNECHT, Dennis, M. [US/US]; 4921 Elmhurst Drive NE, Hickory, NC 28601 (US).

(74) ABERLE, Timothy, J.; Corning Cable Systems LLC, 800 17th Street NW, PO Box 489, Hickory, NC 28603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G02B 6/00, 6/26, H04B 10/12, 10/18

(11) WO 03/038490 (13) A1

(21) PCT/US02/35284

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 10/003,700 2 Nov/nov 2001 US
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • OPTICAL ALL-PASS FILTER WITH GAIN COMPENSATION

• FILTRE OPTIQUE PASSE-TOUT A COMPENSATION DE GAIN

(71) INPLANE PHOTONICS, INC. [US/US]; 600 Corporate Court, South Plainfield, NJ 07080 (US).

(72) FROLOV, Sergey; 15 Berkeley Square, Berkeley Heights, NJ 07922 (US). SHMULOVICH, Joseph; 82 Sagamore Drive, New Providence, NJ 07974 (US). SHEN, Tek-Ming; 15 Westbrook Road, Westfield, NJ 07090 (US).

(74) MAYER, Stuart, H.; Mayer Fortkort & Williams, PC, 2nd Floor, 251 North Avenue West, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 G02B 6/12

(11) WO 03/038491 (13) A1

(21) PCT/SE02/02009

(22) 4 Nov/nov 2002 (04.11.2002)

(25) en (26) en

(30) 0103682-1 2 Nov/nov 2001 SE
(02.11.2001)(30) 60/330,881 2 Nov/nov 2001 US
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CONDUCTOR ARRANGEMENT
• AGENCEMENT DE CONDUCTEUR

(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) BERGSTEDT, Leif [SE/SE]; Allmänna vägen 6, S-518 40 Sjömarken (SE). LÖFVING, Björn [SE/SE]; Skepparegängen 20, S-413 18 Göteborg (SE).

- (74) STRÖM & GULLIKSSON IP AB; Sjöporten 4, S-417 64 Göteborg (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B 6/12
- (11) WO 03/038492 (13) A2
- (21) PCT/US02/34156
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) en (26) en
- (30) 60/330,795 26 Oct/oct 2001 US (26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • HYBRID INTEGRATION OF ELECTRICAL AND OPTICAL CHIPS
• INTEGRATION HYBRIDE DE PUCES ELECTRIQUES ET OPTIQUES
- (71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 11 Massachusetts Avenue, Cambridge, MA 02139 (US).
- (72) KIMERLING, Lionel C.; 369 Strawberry Hill Road, Concord, MA 01742 (US).
- (74) CONNORS, Matthew E.; 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B 6/16, G01B 11/16, G01K 11/32
- (11) WO 03/038493 (13) A1
- (21) PCT/GB02/04413
- (22) 27 Sep/sep 2002 (27.09.2002)
- (25) en (26) en
- (30) 01309335.6 2 Nov/nov 2001 EP (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DUAL-PARAMETER OPTICAL WAVEGUIDE GRATING SENSING DEVICE AND SENSOR
• DETECTEUR ET DISPOSITIF DE DETECTION DE RESEAU DE GUIDE D'ONDE OPTIQUE A DOUBLE PARAMETRE
- (71) ASTON PHOTONIC TECHNOLOGIES LTD. [GB/GB]; Faraday Wharf, Holt Street, Birmingham B7 4BB (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHU, Xuewen [CN/GB]; Indigo Photonics Limited, Faraday Wharf, Holt Street, Birmingham B7 4BB (GB). LIU, Yu [CN/GB]; Indigo Photonics Limited, Faraday Wharf, Holt Street, Birmingham B7 4BB (GB). ZHAO, Donghui [CN/GB]; Electronic Engineering, Aston University, Aston Triangle, Birmingham B4 7ET (GB). ZHANG, Lin [CN/GB]; Electronic Engineering, Aston University, Aston Triangle, Birmingham B4 7ET (GB). BENNION, Ian [GB/GB]; Electronic Engineering, Aston University, Aston Triangle, Birmingham B4 7ET (GB). GWANDU, Bashir, Aliyu, Labbo [NG/GB]; Electronic Engineering, Aston University, Aston Triangle, Birmingham B4 7ET (GB). FLOREANI, Filip [IT/GB]; Electronic Engineering, Aston University, Aston Triangle, Birmingham B4 7ET (GB).
- (74) GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B 6/22, 6/16, 6/10
- (11) WO 03/038494 (13) A1
- (21) PCT/AU02/01474
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) PR 8584 30 Oct/oct 2001 AU (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DIFFRACTION-FREE OPTICAL WAVEGUIDE
• GUIDE D'ONDE OPTIQUE EXEMPT DE DIFFRACTION
- (71) THE UNIVERSITY OF SYDNEY [AU/AU]; Parramatta Road, Sydney, New South Wales 2006 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CANNING, John [AU/AU]; 10 Francis Street, Carlton, New South Wales 2218 (AU).
- (74) GRIFFITH HACK; GPO Box 4164, Sydney, New South Wales 2001 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B 6/255
- (11) WO 03/038495 (13) A2
- (21) PCT/DE02/03923
- (22) 16 Oct/oct 2002 (16.10.2002)
- (25) de (26) de
- (30) 101 52 012.3 22 Oct/oct 2001 DE (22.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DISPLACEMENT DEVICE FOR A NUMBER OF OBJECTS, METHOD FOR PRODUCTION OF THE DISPLACEMENT DEVICE AND DEVICE FOR SPLICING A NUMBER OF OPTICAL WAVEGUIDES
• DISPOSITIF DE DEPLACEMENT D'UNE PLURALITE D'OBJETS, PROCEDE DE REALISATION DU DISPOSITIF DE DEPLACEMENT, ET DISPOSITIF D'EPISSURE D'UNE PLURALITE DE GUIDES D'ONDES 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) KRAUSE, Dieter [DE/DE]; Achstr. 8, 82446 Uffing am Staffelsee (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
(u) for / pour US only / seulement
-
- (51)⁷ G02B 6/255, 6/02, 6/16
- (11) WO 03/038496 (13) A1
- (21) PCT/US02/32081
- (22) 7 Oct/oct 2002 (07.10.2002)
- (25) en (26) en
- (30) 10/004,375 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SPLICE JOINT AND PROCESS FOR JOINING A MICROSTRUCTURED OPTICAL FIBER AND A CONVENTIONAL OPTICAL FIBER
• JOINT DE RACCORDEMENT PAR EPISSURE ET PROCEDE PERMETTANT DE JOINDRE UNE FIBRE OPTIQUE MICROSTRUCTUREE A UNE FIBRE OPTIQUE CLASSIQUE
- (71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
- (72) FAJARDO, James, C.; 33 Katie Lane, Painted Post, NY 14870 (US). GALLAGHER, Michael, T.; 310 West Pulteney

- Street, Corning, NY 14830 (US). WU, Qi; 162 Overlook Drive, Horseheads, NY 14845 (US).
- (74) SUGGS, James, V.; CORNING INCORPORATED, Patent Department, SP TI 3-1, Corning, NY 14831 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
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- (51)⁷ G02B 6/26, 6/36, 6/42
- (11) WO 03/038497 (13) A1
- (21) PCT/US02/20668
- (22) 28 Jun/juin 2002 (28.06.2002)
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- (30) 60/360,261 27 Feb/fév 2002 US (27.02.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • OPTICAL JUNCTION APPARATUS AND METHODS EMPLOYING OPTICAL POWER TRANSVERSE-TRANSFER
- APPAREIL DE JONCTION OPTIQUE ET PROCÉDES DANS LESQUELS ON UTILISE UN TRANSFERT TRANSVERSAL DE LA PUISSANCE OPTIQUE
- (71) XPONENT PHOTONICS, INC. [US/US]; 425 East Huntington Drive, Monrovia, CA 91016 (US).
- (72) BLAUVELT, Henri, A.; Xponent Photonics Inc., 425 East Huntington Drive, Monrovia, CA 91016 (US). VAHALA, Kerry, J.; Xponent Photonics Inc., 425 East Huntington Drive, Monrovia, CA 91016 (US). VERNOOY, David, W.; Xponent Photonics Inc., 425 East Huntington Drive, Monrovia, CA 91016 (US). PASLASKI, Joel, S.; Xponent Photonics Inc., 425 East Huntington Drive, Monrovia, CA 91016 (US).
- (74) MILLER, Scott, R. et al. / etc.; Riordan & McKinzie, 300 South Grand Avenue, 29th 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 03/038499 (13) A1
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- (43) 8 May/mai 2003 (08.05.2003)
- (54) • OPTICAL MULTIPLEXER/DEMULTIPLEXER, OPTICAL MULTIPLEXING/DEMULTIPLEXING METHOD, AND OPTICAL FILTER
- MULTIPLEXEUR/DEMULTIPLEXEUR OPTIQUE, PROCÉDE DE MULTIPLEXAGE/DEMULTIPLEXAGE OPTIQUE ET FILTRE OPTIQUE
- (71) MITSUBISHI RAYON CO., LTD. [JP/JP]; 6-41, Konan 1-Chome, Minato-Ku, Tokyo 108-8506 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HATTORI, Toshiaki [JP/JP]; c/o Otake Plants, Mitsubishi Rayon Co., Ltd., 20-1, Miyuki-cho, Otake-Shi, Hiroshima 739-0693 (JP). HIROTA, Norifumi [JP/JP]; c/o Otake Plants, Mitsubishi Rayon Co., Ltd., 20-1, Miyuki-cho, Otake-Shi, Hiroshima 739-0693 (JP). UOZU, Yoshihiro [JP/JP]; c/o Otake Plants, Mitsubishi Rayon Co., Ltd., 20-1, Miyuki-cho, Otake-Shi, Hiroshima 739-0693 (JP).
- (74) NAKAMURA, Minoru et al. / etc.; Shin-Tokyo Bldg., 3-1, Marunouchi 3-Chome, Chiyoda-Ku, Tokyo 100-8355 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SPRING BODY AND ADJUSTING DEVICE FOR SIMULTANEOUSLY ADJUSTING A NUMBER OF OBJECTS, DEVICE FOR SPLICING A NUMBER OF OPTICAL WAVEGUIDES AND PRODUCTION METHOD FOR THE SPRING BODY
- CORPS A RESSORT, DISPOSITIF DE REGLAGE POUR UN REGLAGE SIMULTANE D'UNE PLURALITE D'OBJETS, DISPOSITIF D'EPISSURAGE D'UNE PLURALITE DE FIBRES OPTIQUES, AINSI QU'UN PROCÉDE DE PRODUCTION DUDIT CORPS A RESSORT.
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KRAUSE, Dieter [DE/DE]; Achstr. 8, 82446 Uffing am Staffelsee (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
(u) for / pour US only / seulement
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- (22) 1 Nov/nov 2002 (01.11.2002)

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(21.12.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ARRAY WAVEGUIDE GRATING
• GRILLE DE GUIDE D'ONDES EN RE-
SEAU
- (71) MASSACHUSETTS INSTITUTE OF
TECHNOLOGY [US/US]; 77 Massachu-
setts Avenue, Cambridge, MA 02139 (US).
- (72) WADA, Kazumi; 23 Hill Street, Lexington,
MA 02421 (US). HAUS, Hermann, A.; 3
Jeffrey Terrace, Lexington, MA 02420 (US).
KIMERLING, Lionel, C.; 369 Strawberry
Hill Road, Concord, MA 01742 (US).
- (74) CONNORS, Matthew, E. et al. / etc.;
Samuels, Gauthier & Stevens, LLP, 225
Franklin Street, Boston, MA 02110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B 15/16, 13/18
- (11) WO 03/038502 (13) A1
- (21) PCT/JP02/11170
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) ja (26) ja
- (30) 2001-332561 30 Oct/oct 2001 JP
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ZOOM LENS, VIDEO CAMEARA
COMPRISING SAME, AND DIGITAL
STILL CAMERA
• OBJECTIF ZOOM, CAMERA VIDEO
COMPRENANT CELUI-CI ET APPA-
REIL PHOTO NUMERIQUE
- (71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006-banchi,
Oaza-Kadoma, Kadoma-shi, Osaka 571-8501
(JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) BOKU, Kazutake [JP/JP]; 41-23-201,
Ishihara-cho, Kadoma-shi, Osaka 571-0067
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Ao, Matsubara-shi, Osaka 580-0043 (JP).
ISHIGURO, Keizou [JP/JP]; 1-6-25, Sakyō,
Nara-shi, Nara 631-0801 (JP).
- (74) IKEUCHI SATO & PARTNER PATENT
ATTORNEYS; 26th Floor, OAP TOWER,
8-30, Tenmabashi 1-chome, Kita-ku, Osaka-
shi, Osaka 530-6026 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).
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- (11) WO 03/038503 (13) A1
- (21) PCT/JP02/11204
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) ja (26) ja
- (30) 2001-338216 2 Nov/nov 2001 JP
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- (30) 2001-368545 3 Dec/déc 2001 JP
(03.12.2001)
- (30) 2001-372860 6 Dec/déc 2001 JP
(06.12.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SCANNING CON-FOCAL MICRO-
SCOPE
• MICROSCOPE DE BALAYAGE
CONFOCAL
- (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) NISHIYAMA, Yasuo [JP/JP]; 22-47,
Misawa 2-chome, Hino-shi, Tokyo 191-0032
(JP). HARAGUCHI, Tadashi [JP/JP]; 506-1,
Kisomachi, Machida-shi, Tokyo 194-0033
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OLYMPUS Kowa-Ryo, 6324, Oaza Ina,
Ina-shi, Nagano 396-0021 (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 IE IT LU MC NL PT SE SK TR).
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1/00, 21/02
- (11) WO 03/038504 (13) A1
- (21) PCT/US02/33697
- (22) 22 Oct/oct 2002 (22.10.2002)
- (25) en (26) en
- (30) 10/002,545 26 Oct/oct 2001 US
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • AUTOMATED SLIDE LOADER CAS-
SETTE FOR MICROSCOPE
• CASSETTE CHARGEUSE DE LAMES
AUTOMATIQUE DESTINEE A UN MI-
CROSCOPE
- (71) LUDL ELECTRONIC PRODUCTS, LTD.
[US/US]; 171 Brady Avenue, Hawthorne, NY
10532 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) LUDL, Helmut [US/US]; 44 Knapp
Road, Pound Ridge, NY 10576 (US). DENU,
David [US/US]; 2834 Farm Walk Road,
Yorktown Heights, NY 10598 (US).
- (74) COLLARD & ROE, P.C. et al. / etc.; 1077
Northern Boulevard, Roslyn, NY 11576 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
- RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ G02B 27/02, 6/12
- (11) WO 03/038505 (13) A1
- (21) PCT/JP02/11378
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) ja (26) ja
- (30) 2001-336733 1 Nov/nov 2001 JP
(01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • OPTICAL WAVEGUIDE DEVICE
• DISPOSITIF DE GUIDE D'ONDES OP-
TIQUE
- (71) NTT ELECTRONICS CORPORA-
TION [JP/JP]; 12-1, Dogenzaka 1-chome,
Shibuya-ku, Tokyo 150-0043 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) OKAMOTO, Katsunari [JP/JP];
6-2-304, Higashihara 2-chome, Mito-shi,
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Mouridai 3-chome, Atsugi-shi, Kana-
gawa 243-0037 (JP). KATO, Kazutoshi
[JP/JP]; 861-1, Ishida, Isehara-shi, Kanagawa
259-1116 (JP).
- (74) TANI, Yoshikazu; No. 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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 03/038506 (13) A1
- (21) PCT/JP02/11268
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) ja (26) ja
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(02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • THREE-DIMENSIONAL DISPLAY
METHOD AND DEVICE THEREFOR

- PROCEDE D'AFFICHAGE TRIDIMENSIONNEL ET DISPOSITIF ASSOCIE
- (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) TAKAKI, Yasuhiro [JP/JP]; 28-17, Takaishi 5-chome, Asao-ku, Kawasaki-shi, Kanagawa 215-0003 (JP).
- (74) SHIMIZU, Mamoru; Ohzono Bldg., 7-10, Kanda-mitoshiro-cho, Chiyoda-ku, Tokyo 101-0053 (JP).
- (81) CN KR SG US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (11) WO 03/038507 (13) A1
- (21) PCT/KR01/01835
- (22) 31 Oct/oct 2001 (31.10.2001)
- (25) en (26) en
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • WASHING APPARATUS FOR CONTACT LENSES
- DISPOSITIF DE NETTOYAGE DE LENTILLES DE CONTACT
- (71) NOWMEDIC CO., LTD. [KR/KR]; Multiplepurpose Building, 147-2 Garak-dong, Songpa-gu, Seoul 138-080 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) LEEM, Seong, Mook [KR/KR]; 569-19, Dungchon-dong, Kangseo-gu, Seoul 157-030 (KR).
- (74) KANG, Hyun, Seok; Kanghyunseok International Patent & Law Office, Ssangma Building 501, 828-23, Yeoksam-dong, Kangnam-gu, 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02F 1/133, 1/1335
- (11) WO 03/038509 (13) A2
- (21) PCT/US02/34474
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) en (26) en
- (30) 10/002,511 1 Nov/nov 2001 US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • REFLECTIVE LIQUID CRYSTAL DISPLAY WITH IMPROVED CONTRAST
- DISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES RETROREFLECHISSANT PRESENTANT UN MEILLEUR CONTRASTE
- (71) MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) COLEMAN, Zane, Arthur; 1635 Talulah Street, Unit B, Atlanta, GA 30318 (US). VALLIATH, George, Thomas; 29 E. Fabish Drive, Buffalo Grove, IL 60089 (US). SCHINDLER, Jon, Lindsay; 639 Hunter Road, Glenview, IL 60025 (US).
- (74) NICHOLS, Daniel, K. et al. / etc.; Motorola, Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM
- HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02F 1/155 // H01G 9/20, H01M 14/00, H01L 31/00, C09K 9/02
- (11) WO 03/038511 (13) A1
- (21) PCT/SE02/01952
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) sv (26) en
- (30) 0103577-3 29 Oct/oct 2001 SE (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD OF DYEING EN ELECTRODE CONSISTING OF A POROUS FILM WHICH IS APPLIED TO A SUBSTRATE, AND METHOD OF MANUFACTURING AN ELECTROCHEMICAL SYSTEM
- PROCEDE DE COLORATION D'UNE ELECTRODE COMPOSEE D'UN FILM POREUX APPLIQUE SUR UN SUBSTRAT, ET PROCEDE DE FABRICATION D'UN SYSTEME ELECTROCHIMIQUE
- (71) IVF INDUSTRIFORSKNING OCH UTVECKLING AB [SE/SE]; Argogatan 30, S-431 53 Mölndal (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PETTERSSON, Henrik** [SE/SE]; Tigerstigen 19, S-426 72 Västra Frölunda (SE). **GRUSZECKI, Tadeusz** [SE/SE]; Plintvägen 5, S-433 32 Partille (SE).

(74) **ANDERSSON, Per et al. / etc.**; Albihns Göteborg AB, P.O. Box 142, S-401 22 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **G02F 1/167, G09G 3/34**

(11) **WO 03/038512** (13) A1

(21) PCT/US02/34631

(22) **28 Oct/oct 2002 (28.10.2002)**

(25) en (26) en

(30) 60/346,007 **29 Oct/oct 2001 US (29.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • A VERTICALLY-SWITCHING ELECTROPHORETIC DISPLAY WITH HOLDING ELECTRODES

• AFFICHAGE PAR ELECTROPHORESE A COMMUTATION VERTICALE ET A ELECTRODES DE MAINTIEN

(71) **SIPIX IMAGING, INC.** [US/US]; 1075 Montague Expressway, Milpitas, CA 95035 (US).

(72) **CHUNG, Jerry**; 100 Montelena Court, Mountain View, CA 94040 (US). **CHEN, David**; 8312 Ridglea Avenue, Buena Park, CA 90621 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G02F 1/29, 1/00, H01S 3/133, 3/10**

(11) **WO 03/038513** (13) A2

(21) PCT/US02/15212

(22) **13 May/mai 2002 (13.05.2002)**

(25) en (26) en

(30) 60/290,377 **11 May/mai 2001 US (11.05.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • LASER BEAM STEERING SYSTEM

• SYSTEME D'ORIENTATION DE FAISCEAU LASER

(71) **TERACONNECT, INC.** [US/US]; 98 Spit Brook Road, Suite 300, Nashua, NH 03062 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUNDARAM, Mani** [US/US]; 17 Poliquin Drive, Nashua, NH 03062 (US).

(74) **ASMUS, Scott et al. / etc.**; Maine & Asmus, PO Box 3445, Nashua, NH 03061-3445 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **G02F 1/39**

(11) **WO 03/038514** (13) A2

(21) PCT/FR02/03717

(22) **29 Oct/oct 2002 (29.10.2002)**

(25) fr (26) fr

(30) 01/14037 **30 Oct/oct 2001 FR (30.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • OPTICAL PARAMETRIC OSCILLATOR WITH HIGH QUALITY BEAM

• OSCILLATEUR PARAMETRIQUE OPTIQUE A GRANDE QUALITE DE FAISCEAU

(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) **DEBUSSCHERT, Thierry** [FR/FR]; Thales Intellectual Property, 13, av. du Prés. Salvador Allende, F-94117 Arcueil Cedex (FR). **POCHOLLE, Jean-Paul** [FR/FR]; Thales Intellectual Property, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

(74) **ESSELIN, Sophie et al. / etc.**; Thales Intellectual Property, 13, avenue du Prés. Salvador Allende, F-94117 Arcueil Cedex (FR).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ **G02F 1/1335**

(11) **WO 03/038515** (13) A1

(21) PCT/US02/30138

(22) **20 Sep/sep 2002 (20.09.2002)**

(25) en (26) en

(30) 10/001,495 **31 Oct/oct 2001 US (31.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • A DISPLAY AND SOLAR CELL DEVICE

• ECRAN ET DISPOSITIF A PILE SOLAIRE

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **LI, Zili**; 5045 Bardwick Court, Barrington, IL 60010 (US). **TURLIK, Iwona**; 23315 Grayshire Lane, Barrington, IL 60010 (US). **JELLEY, Kevin, W.**; 135 Spring Avenue, LaGrange, IL 60525 (US).

(74) **NICHOLS, Daniel, K. et al. / etc.**; Motorola, Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G03B 9/02**

(11) **WO 03/038516** (13) A1

(21) PCT/JP02/10275

(22) **2 Oct/oct 2002 (02.10.2002)**

(25) ja (26) ja

(30) 2001-315355 **12 Oct/oct 2001 JP (12.10.2001)**

(30) 2002-043121 **20 Feb/fév 2002 JP (20.02.2002)**

(30) 2002-046361 **22 Feb/fév 2002 JP (22.02.2002)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • LIGHT QUANTITY REGULATING DEVICE AND OPTICAL SYSTEM HAVING IT AND PHOTOGRAPHING DEVICE

• DISPOSITIF DE REGULATION DE LA QUANTITE DE LUMIERE ET SYSTEME OPTIQUE COMPRENANT CE DISPOSITIF, AINSI QUE DISPOSITIF DE PRISES DE VUES

(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) **MURATA, Yasunori** [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). **KOYAMA, Takeshi** [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).

(74) **OKABE, Masao et al.** / etc.; No. 602 Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN KR US.

(84) 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 G03B 21/14

(11) WO 03/038517 (13) A1

(21) PCT/US02/30137

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 10/003,090 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • COMPACT PROJECTION SYSTEM AND ASSOCIATED DEVICE

• SYSTEME DE PROJECTION COMPACT ET DISPOSITIF ASSOCIE

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **LI, Zili**; 5045 Bardwick Court, Barrington, IL 60010 (US). **COLEMAN, Zane**; 1635 Tallulah Street, Unit B, Atlanta, GA 30318 (US). **VOLOSCHENKO, Dmitry**; 1300 E. Algonquin Road, Apt. 3M, Schaumburg, IL 60173 (US).

(74) **HAAS, Kenneth, 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 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 IE IT 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 G03B 27/42

(11) WO 03/038518 (13) A1

(21) PCT/US02/34597

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/330,765 30 Oct/oct 2001 US (30.10.2001)

(30) 60/330,745 30 Oct/oct 2001 US (30.10.2001)

(30) 60/331,038 7 Nov/nov 2001 US (07.11.2001)

(30) 60/331,039 7 Nov/nov 2001 US (07.11.2001)

(30) 60/331,515 19 Nov/nov 2001 US (19.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ADVANCED EXPOSURE TECHNIQUES FOR PROGRAMMABLE LITHOGRAPHY

• TECHNIQUES D'EXPOSITION DE POINTE POUR UNE LITHOGRAPHIE PROGRAMMABLE

(71) **PIXELLIGENT TECHNOLOGIES LLC** [US/US]; 2315 N. Sibley Street, Alexandria, VA 22311 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CASE, Andrew** [US/US]; 8806 Manchester Road, Apt. 4, Silver Springs, MD 20901 (US). **COOPER, Gregory, D.** [US/US]; 2315 N. Sibley Street, Alexandria, VA 22311 (US). **FLEET, Erin** [US/US]; 1100 Quaker Hill Drive, Apt. 5, Alexandria, VA 22314 (US).

(74) **FARIS, Robert, W.**; Nixon & Vanderhye, P.C., 1100 North Glebe Road, Suite 800, Arlington, VA 22201-4714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 IE IT 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 G03B 27/52

(11) WO 03/038519 (13) A1

(21) PCT/US02/33550

(22) 21 Oct/oct 2002 (21.10.2002)

(25) en (26) en

(30) 10/001,642 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF UTILIZING WASTED NESTED SPACE

• PROCEDE D'UTILISATION D'ESPACE NICHE PERDU

(71) **PHOGENIX IMAGING, LLC** [US/US]; 16275 Technology Drive, San Diego, CA 92127-1815 (US).

(72) **CLARK, Dave**; 5 South Pittsford Hill Lane, Pittsford, NY 14534 (US). **PUYOT, Michael**; 997 Calle de Alcalá, Escondido, CA 92127 (US). **MANARD, John, F.**; 17863 Pueblo Vista Lane, San Diego, CA 92127 (US). **RAMASWAMY, Rajan**; 18245 Moon Song Court, San Diego, CA 92127 (US). **BLAND, William, E.**; 705 Kings Cross Court, Cardiff, CA 92007 (US).

(74) **SALAI, Stephen, B.** et al. / etc.; Harter, Secrest & Emery LLP, 1600 Bausch & Lomb Place, Rochester, NY 14604-2711 (US).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)⁷ G03C

(11) WO 03/038520 (13) A2

(21) PCT/NZ02/00236

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 515259 2 Nov/nov 2001 NZ (02.11.2001)

(30) 10/083,331 25 Feb/fév 2002 US (25.02.2002)

(30) 10/124,718 17 Apr/avr 2002 US (17.04.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PHOTOGRAPHIC FILM CARTRIDGE AND CAMERA INCLUDING SUCH

• CARTOUCHE DE FILM PHOTOGRAPHIQUE ET APPAREIL-PHOTO COMPRENANT CETTE CARTOUCHE

(71) **GINFAX DEVELOPMENT LIMITED** [CN/CN]; Unit 10-11, 13th Floor, Block A, M P Industrial Centre, 18 Ka Yip Street, Chai Wan, Hong Kong (CN).

(for all designated States except / pour tous les États désignés sauf US)

(71) **JONES, David, John** [NZ/NZ]; 9a Logan Terrace, Parnell, Auckland (NZ). (only for / seulement pour SL)

(72, 75) **WANG, Wilson, Ching Miao** [CN/CN]; Unit 10-11, 13th Floor, Block A, M P Industrial Centre, 18 Ka Yip Street, Chai Wan, Hong Kong (CN).

(74) **ADAMS, Matthew, D.** et al. / etc.; A J Park, 6th Floor Huddart Parker Building, PO Box 949, 6015 Wellington (NZ).

(81) AE AG AL AM AT (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 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 IE IT LU 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 G03C 5/50

(11) WO 03/038521 (13) A1

(21) PCT/EP02/11439

(22) 12 Oct/oct 2002 (12.10.2002)

(25) en (26) en

(30) 01/13927 29 Oct/oct 2001 FR (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • SOLUTIONS FOR A PHOTOGRAPHIC REVERSAL BATH AND PROCESSING METHOD FOR A PHOTOGRAPHIC COLOR REVERSAL FILM
- SOLUTIONS POUR BAIN D'INVERSION ET PROCEDE DE TRAITEMENT D'UNE PELLICULE COULEUR INVERSIBLE
- (71) EASTMAN KODAK COMPANY [US/US]; 343 State Street, Rochester, NY 14650 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MARTIN, Didier, Jean [FR/FR]; Kodak Industrie, Département Brevets, CRT - Zone Industrielle, F-71102 Chalon sur Saone Cedex (FR). PONCELET, Olivier, Jean, Christian [FR/FR]; Kodak Industrie, Département Brevets, CRT - Zone Industrielle, F-71102 Chalon sur Saone Cedex (FR).
- (74) HONORE, Anne-Claire; Kodak Industrie, Département Brevets, CRT - Zone Industrielle, F-71102 Chalon sur Saone Cedex (FR).
- (81) AU CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ G03F 1/00, 7/00, 7/20, G03B 27/00, 27/32
- (11) WO 03/038522 (13) A1
- (21) PCT/US02/33202
- (22) 17 Oct/oct 2002 (17.10.2002)
- (25) en (26) en
- (30) 10/066,189 26 Oct/oct 2001 US (26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ANTI-REFLECTIVE COATING ON A PHOTOMASK
- REVETEMENT ANTI-REFLECHISANT SUR UN PHOTOMASQUE
- (71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
- (72) MLEJNEK, Michal; 21 East Chatfield Place, Painted Post, NY 14870 (US).
- (74) SCHAEBERLE, Timothy, M.; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).
- (81) CN JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ G03F 7/00
- (11) WO 03/038523 (13) A2
- (21) PCT/EP02/12284
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 20010100506 1 Nov/nov 2001 GR (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • POLYCARBOCYCLIC DERIVATIVES FOR MODIFICATION OF RESIST, OPTICAL AND ETCH RESISTANCE PROPERTIES
- DERIVES POLYCARBOCYCLIQUES DESTINES A MODIFIER DES PROPRIETES DE RESERVE, OPTIQUES ET DE RESISTANCE A LA GRAVURE
- (71) NCSR DEMOKRITOS [GR/GR]; Terma Patriarhu Grigoriu Street, PO Box 60228, Aghia Paraskevi, Attiki (GR).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) GOGOLIDES, Evangelos [GR/GR]; 32 Agias Zonis Street, Kipseli, 11361 Athens (GR). ARGITIS, Panagiotis [GR/GR]; 44 Pavlou Bakogianni Street, Mellissia, Attiki (GR). COULADOUROS, Elias, Andrea [GR/GR]; Chemical Laboratories, Agricultural University of Athens, Iera Odos 75, 118 55 Athens (GR).
- (72, 75) VIDALI, Veroniki, Petrou [GR/GR]; Institute of Physical Chemistry, NCSR Demokritos, Terma Patriarhu Grigoriu Street, PO Box 60228, Aghia Paraskevi (GR). VASILOPOULOU, Maria [GR/GR]; 17 Digeni Street, Aghia Paraskevi, 15341 Attiki (GR). CORDOYIANNIS, George [GR/GR]; 2 Istrou Street, 11142 Athens (GR).
- (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G03F 7/004, C04B 35/628, C08F 220/28, 290/06, H05K 3/46
- (11) WO 03/038524 (13) A1
- (21) PCT/JP02/11149
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) ja (26) ja
- (30) 2001-336151 1 Nov/nov 2001 JP (01.11.2001)
- (30) 2002-121938 24 Apr/avr 2002 JP (24.04.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS OF PRODUCING PHOTOSENSITIVE CERAMIC COMPOSITION AND MULTI-LAYER SUBSTRATE USING IT
- PROCEDES DE PRODUCTION D'UNE COMPOSITION CERAMIQUE PHOTSENSIBLE ET SUBSTRAT MULTICOUCHE UTILISANT CETTE COMPOSITION
- (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) YAMASHIKI, Tomoya [JP/JP]; 12-30, Oe 2-chome, Otsu-shi, Shiga 520-2141 (JP). UEOKA, Takenori [JP/JP]; 21-20, Kitaotji 3-chome, Otsu-shi, Shiga 520-0843 (JP). SHIMBA, Mitsuyo [JP/JP]; 10-A3-33, Sonoyama 2-chome, Otsu-shi, Shiga 520-0842 (JP).
- (74) SATO, Kenji; c/o Shiga Branch, TORAY INTELLECTUAL PROPERTY EXPERTS CO., LTD., 1-1, Sonoyama 1-chome, Otsu-shi, Shiga 520-8558 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ G03F 7/008
- (11) WO 03/038525 (13) A1
- (21) PCT/KR02/01967
- (22) 21 Oct/oct 2002 (21.10.2002)
- (25) ko (26) en
- (30) 2001/67576 31 Oct/oct 2001 KR (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • POSITIVE PHOTORESIST COMPOSITION FOR LIQUID CRYSTAL DEVICE
- COMPOSITION DE RESINE PHOTOSENSIBLE POSITIVE POUR DISPOSITIF A CRISTAUX LIQUIDES
- (71) DONGJIN SEMICHEM CO., LTD. [KR/KR]; Gajwa-dong 472-2, Seo-ku, Incheon-city 405-250 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) KANG, Hoon [KR/KR]; 625-3 Yodang-ri, Yangkam-myeon, 445-931 Hwaseong-city, Gyunggi-do (KR). CHO, Joon-Yeon [KR/KR]; 625-3 Yodang-ri, Yangkam-myeon, 445-931 Hwaseong-city, Gyunggi-do (KR). KIM, Dong-Min [KR/KR]; 625-3 Yodang-ri, Yangkam-myeon, 445-931 Hwaseong-city, Gyunggi-do (KR). LEE, Seung-Uk [KR/KR]; 625-3 Yodang-ri, Yangkam-myeon, 445-931 Hwaseong-city, Gyunggi-do (KR).
- (74) YOU ME PATENT & LAW FIRM; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ G03F 7/037, 7/027, 7/075, C08G 73/10
- (11) WO 03/038526 (13) A1
- (21) PCT/JP02/11070
- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) ja (26) ja
- (30) 2001-332859 30 Oct/oct 2001 JP (30.10.2001)
- (30) 2001-346460 12 Nov/nov 2001 JP (12.11.2001)

- (30) 2001-351211 16 Nov/nov 2001 JP (16.11.2001)
- (30) 2001-365434 30 Nov/nov 2001 JP (30.11.2001)
- (30) 2001-378014 12 Dec/déc 2001 JP (12.12.2001)
- (30) 2002-49118 26 Feb/fév 2002 JP (26.02.2002)
- (30) 2002-90279 28 Mar/mar 2002 JP (28.03.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PHOTOSENSITIVE RESIN COMPOSITION AND PHOTOSENSITIVE FILMS AND LAMINATES MADE BY USING THE SAME
- COMPOSITION DE RESINE PHOTOSENSIBLE ET FILMS ET STRATIFIES PHOTOSENSIBLES AINSI OBTENUS
- (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) OKADA, Koji [JP/JP]; 2-15-16, Ogotokita, Otsu-shi, Shiga 520-0107 (JP). TAKAGAHARA, Kaoru [JP/JP]; 1-8-28-502, Torikaiwado, Settsu-shi, Osaka 566-0073 (JP). YAMANAKA, Toshio [JP/JP]; 5-2-23-B309, Torikainishi, Settsu-shi, Osaka 566-0072 (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.
-
- (51)⁷ G03F 7/16, 7/027, 7/031, 7/033, 7/032, 7/035
- (11) WO 03/038527 (13) A1
- (21) PCT/NL02/00691
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 60/330,806 31 Oct/oct 2001 US (31.10.2001)
- (30) 60/355,794 12 Feb/fév 2002 US (12.02.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • UV CURABLE POWDER SUITABLE FOR USE AS PHOTORESIST
- POUDRE DURCISSABLE AUX UV CONVENANT COMME PHOTORESINE
- (71) DSM N.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BINDA, Paul, Herman, Guillaume [NL/NL]; Meppelerdiep 5, NL-8032 TB Zwolle (NL). BRATSLAVSKY, Svetlana, Alexandra [US/US]; 628 Congdon Ave., Elgin, IL 60120 (US). MISEV, Tosko, Alexander [NL/US]; 1568 Branford Lane, Naperville, IL 60540 (US). SCHMID, Steven, Robert [US/US]; 1606 Brittany Lane, Box 1606 RFD, Long Grove, IL 60047 (US). VAN DEN BERG JETHS, Robert [NL/NL]; Ordermolenweg 37, NL-7312 SC Apeldoorn (NL).
- (74) RENKEMA, Jaap; DSM Patent & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ G03F 7/40, H01L 21/311, 21/3213
- (11) WO 03/038528 (13) A1
- (21) PCT/DE02/04062
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) de (26) de
- (30) 101 54 966.0 31 Oct/oct 2001 DE (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR THE PRODUCTION OF A SEMICONDUCTOR DEVICE
- PROCEDE DE PRODUCTION D'UN DISPOSITIF A SEMI-CONDUCTEURS
- (71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROGALLI, Michael [DE/DE]; Querstrasse 16, 84056 Rottenburg (DE). REB, Alexander [DE/DE]; Karl-Liebknecht-Str. 77, 01109 Dresden (DE). VOELKEL, Lars [DE/DE]; Wittenberger Str. 67, 01309 Dresden (DE). STEGEMANN, Maik [DE/DE]; Schunkstrasse 3, 01157 Dresden (DE).
- (74) MÜLLER, Wolfram, H.; Patentanwälte Maikowski & Ninnemann, Postfach 15 09 20, 10671 Berlin (DE).
- (81) JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
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- (51)⁷ G03F 7/42, H01L 21/027, 21/302
- (11) WO 03/038529 (13) A1
- (21) PCT/JP02/11358
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) ja (26) ja
- (30) 2001-338436 2 Nov/nov 2001 JP (02.11.2001)
- (30) 2001-338438 2 Nov/nov 2001 JP (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR RELEASING RESIST
- PROCEDE DE LIBERATION DE RESIST
- (71) MITSUBISHI GAS CHEMICAL COMPANY, INC. [JP/JP]; 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHIMIZU, Hideki [JP/JP]; c/o Mitsubishi Gas Chemical Company, Inc., Tokyo Research Laboratory, 1-1, Niijyuku 6-chome, Katsushika-ku, Tokyo 125-0051 (JP). MATSUNAGA, Hiroshi [JP/JP]; c/o Mitsubishi Gas Chemical Company, Inc., Tokyo Research Laboratory, 1-1, Niijyuku 6-chome, Katsushika-ku, Tokyo 125-0051 (JP). OHTO, Masaru [JP/JP]; c/o Mitsubishi Gas Chemical Company, Inc., Tokyo Research Laboratory, 1-1, Niijyuku 6-chome, Katsushika-ku, Tokyo 125-0051 (JP). IKEMOTO, Kazuto [JP/JP]; c/o Mitsubishi Gas Chemical Company, Inc., Tokyo Research Laboratory, 1-1, Niijyuku 6-chome, Katsushika-ku, Tokyo 125-0051 (JP).
- (74) OHTANI, Tamotsu; Bridgestone Toranomon BLDG. 6F, 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN KR SG US.
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- (51)⁷ G03G 15/00
- (11) WO 03/038530 (13) A1
- (21) PCT/KR02/01478
- (22) 5 Aug/août 2002 (05.08.2002)
- (25) ko (26) en
- (30) 2001/67695 31 Oct/oct 2001 KR (31.10.2001)
- (30) 2002/27832 20 May/mai 2002 KR (20.05.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • STAPLER MOVING GUIDE DEVICE
- DISPOSITIF DE GUIDAGE DU MOUVEMENT D'UNE AGRAFEUSE
- (71) KRDC CO., LTD. [KR/KR]; Ilshin Building 603, 2-43 Tapshipri-dong, Tongdaemooon-ku, 130-030 Seoul (KR). GRADCO(JAPAN) LTD. [JP/JP]; Nagai Memorial Hall 12-15, 2-Chome, Shibuya, Shibuya-ku, Tokyo 150-0002 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NOH, Seung-Kyoon [KR/KR]; 1911-408 Joogong Apartment, Chang-4-Dong, Dobong-gu, 132-044 Seoul (KR). LEE, Seung-Gweon [KR/KR]; 102-ho, 864-5 Geumjeong-dong, Gunpo-si, 435-050 Gyeonggi-do (KR). KENJI, Umehara [JP/JP]; Nagai Memorial Hall 12-15, 2-Chome, Shibuya, Shibuya-ku, Tokyo 150-0002 (JP).
- (74) BAEK, Seung-Nam; 401 Keun-Young Building, 735-32 Yeoksam-dong, Kangnam-ku, 135-080 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 11/01**
- (11) **WO 03/038531** (13) A1
- (21) PCT/US02/34983
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) en (26) en
- (30) 60/336,276 **31 Oct/oct 2001 US (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ENVIRONMENTAL CONTROLS SYSTEM AND METHOD
- SYSTEME ET PROCEDE DE REGULATION DES CONDITIONS AMBIANTES
- (71) **OCCIDENTAL FOREST FARMS LLP** [US/US]; P.O. Box 5509, Eureka, CA 95502 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DOLGOFF, Alexei** [US/US]; 812 Masonic Avenue, Albany, CA 94706 (US). **LAREAU, Don** [US/US]; P.O. Box 101, Occidental, CA 95465 (US).
- (74) **SCHWAAB, Andrew, B.**; Dergosits & Noah LLP, Four Embarcadero Center, Suite 1450, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G05B 13/02, F02D 41/30, 41/24**
- (11) **WO 03/038532** (13) A1
- (21) PCT/DE02/03516
- (22) **19 Sep/sep 2002 (19.09.2002)**
- (25) de (26) de
- (30) 101 52 148.0 **25 Oct/oct 2001 DE (25.10.2001)**
- (30) 102 41 557.9 **7 Sep/sep 2002 DE (07.09.2002)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SIGNAL CORRECTION DEVICE
- DISPOSITIF DE CORRECTION D'UN SIGNAL
- (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) **LEDERER, Dieter** [DE/DE]; Gartenstrasse 42, 71634 Ludwigsburg (DE). **PFEIL, Michael** [DE/DE]; Posener Strasse 17, 71701 Schwieberdingen (DE).
- (81) JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ **G05B 15/00, 19/18, 11/01, G06F 19/00, 15/173, 15/177**
- (11) **WO 03/038533** (13) A1
- (21) PCT/US02/34398
- (22) **28 Oct/oct 2002 (28.10.2002)**
- (25) en (26) en
- (30) 60/336,129 **31 Oct/oct 2001 US (31.10.2001)**
- (30) 10/162,733 **5 Jun/juin 2002 US (05.06.2002)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • A DEVICE AND METHOD FOR COMMUNICATING DATA IN A PROCESS CONTROL SYSTEM
- DISPOSITIF DE COMMUNICATION POUR SYSTEME DE COMMANDE DE PROCESSUS
- (71) **BROOKS AUTOMATION, INC.** [US/US]; 15 Elizabeth Drive, Chelmsford, MA 01824 (US).
- (72) **TRIPATHI, Ashok, R.**; 6203 East Juniper Avenue, Scottsdale, AZ 85254 (US). **RAMALINGAM, Muthukumar**; 510 East Port Au Prince Lane, Phoenix, AZ 85022 (US). **RUKSTALES, David**; 633 West Mariposa, Phoenix, AZ 85013 (US).
- (74) **GREEN, Clarence, A. et al.** / etc.; Perman & Green, LLP, 425 Post Road, Fairfield, CT 06824 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G05B 19/042, G06K 19/07**
- (11) **WO 03/038534** (13) A1
- (21) PCT/EP02/09816
- (22) **2 Sep/sep 2002 (02.09.2002)**
- (25) en (26) en
- (30) 01850180.9 **31 Oct/oct 2001 EP (31.10.2001)**
- (30) 60/332,326 **9 Nov/nov 2001 US (09.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR CONTROLLING A DEVICE FROM A SMART CARD
- PROCEDE ET APPAREIL PERMETTANT DE CONTROLER UN DISPOSITIF A PARTIR D'UNE CARTE A PUCE
- (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) **JANEZ, José Javier** [ES/ES]; Paseo Dolores Ibarruri, 16-5 0 A, E-48901 Baracaldo (Vizcaya) (ES). **SÁNCHEZ, César** [ES/ES]; Iberbarri 9, 3 0 C, E-48630 Gortiz (Vizcaya) (ES).
- (74) **HEDBERG, Åke et al.** / etc.; Aros Patnet AB, P.O. Box 1544, S-751 45 Uppsala (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G05B 19/418**
- (11) **WO 03/038535** (13) A1
- (21) PCT/DE02/03711
- (22) **26 Sep/sep 2002 (26.09.2002)**
- (25) de (26) de
- (30) 101 51 115.9 **15 Oct/oct 2001 DE (15.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR OPERATING AND OBSERVING FIELD DEVICES
- PROCEDE PERMETTANT DE FAIRE FONCTIONNER ET D'OBSERVER DES APPAREILS UTILISABLES IN SITU
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JURISCH, Andreas** [DE/DE]; Eichenweg 11, 16727 Schwante (DE). **SCHWENKE, Michael** [DE/DE]; Am Reiherhorst 13, 15366 Hönow (DE). **WALZ, Stefan** [DE/DE]; Rosenthaler Weg 16, 13127 Berlin (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
- (u) for / pour US only / seulement
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- (51)⁷ **G05B 19/418, 19/042**
- (11) **WO 03/038536** (13) A2
- (21) PCT/DE02/03712
- (22) **26 Sep/sep 2002 (26.09.2002)**
- (25) de (26) de
- (30) 101 51 118.3 **15 Oct/oct 2001 DE (15.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR TRANSMITTING RAW DATA AND FIELD DEVICE

- PROCEDE DE TRANSMISSION DE DONNEES BRUTES ET APPAREIL UTILISABLE IN SITU

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ACKERSCHEWSKI, Torsten [DE/DE]; Benatzkyweg 5, 12355 Berlin (DE). JURISCH, Andreas [DE/DE]; Eichenweg 11, 16727 Schwante (DE). WALZ, Stefan [DE/DE]; Rosenthaler Weg 16, 13127 Berlin (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)⁷ G05B 21/00, F16L 55/18, F16K 51/00, G05D 23/13

(11) WO 03/038537 (13) A1

(21) PCT/US02/34903

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/335,721 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS FOR CONTROLLING FLUID FLOW AND TEMPERATURE

- APPAREIL DE REGULATION D'ECOULEMENT ET DE TEMPERATURE DE LIQUIDE

(71) SYNAPSE, INC. [US/US]; 500 Dan Tibbs Road, Huntsville, AL 35806 (US).

(72) PHILLIPS, Terry, G.; 109 Colonial Drive, Meridianville, AL 35759 (US). PATTERSON, Wade, C.; 117 Woodrow Balch Drive, Huntsville, AL 35806-2203 (US).

(74) THOMAS, George, M.; Thomas, Kayden, Horstemeyer & Risley, LLP, 100 Galleria Parkway, NW, Suite 1750, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G05B 23/02

(11) WO 03/038538 (13) A1

(21) PCT/DE02/03899

(22) 15 Oct/oct 2002 (15.10.2002)

(25) de (26) de

(30) 101 51 938.9 22 Oct/oct 2001 DE (22.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEM AND METHOD FOR THE DYNAMIC REPRESENTATION OF THE ACTUAL STATE OF A TASK IN RELATION TO A TARGET STATE

- SYSTEME ET PROCEDE POUR REPRESENTER DE FAÇON DYNAMIQUE L'ETAT ACTUEL D'UNE TACHE EN RELATION AVEC UN ETAT CIBLE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GEGNER, Günter [DE/DE]; Euckenweg 20, 90471 Nürnberg (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)⁷ G05D 11/00, A01G 25/00, 27/00

(11) WO 03/038539 (13) A1

(21) PCT/US01/45252

(22) 31 Oct/oct 2001 (31.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • MANAGEMENT OF PEAK WATER USE

- GESTION DES PICS D'UTILISATION DE L'EAU

(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)

(71, 72) 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; Rutan & Tucker, LLP, P.O. Box 1950, Costa Mesa, CA 92628-1950 (US).

(81) AU CO EC PH US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (GQ).

Published / Publiée : (a)

(51)⁷ G05G 1/10

(11) WO 03/038540 (13) A1

(21) PCT/DE02/04006

(22) 18 Oct/oct 2002 (18.10.2002)

(25) de (26) de

(30) 101 53 532.5 23 Oct/oct 2001 DE (23.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HAND WHEEL, ESPECIALLY FOR INITIATING A ROTATIONAL MOVEMENT IN THE HOLDER OF A ROLLER FILE

- BOUTON, SERVANT NOTAMMENT A IMPRIMER UN MOUVEMENT DE ROTATION AU SUPPORT D'UN FICHIER ROTATIF

(71) "DURABLE" HUNKE & JOCHHEIM GMBH & CO. KG [DE/DE]; Westfalenstr. 77-79, 58636 Iserlohn (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAIER-HUNKE, Horst-Werner [DE/DE]; Poths Kreuz 28, 58640 Iserlohn (DE).

(74) GRÜNECKER KINKELDEY STOCKMAIR & SCHWANHÄUSSER; Leistikowstr. 2, 14050 Berlin (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (a)

(51)⁷ G06F

(11) WO 03/038541 (13) A2

(21) PCT/DE02/04037

(22) 29 Oct/oct 2002 (29.10.2002)

(25) de (26) de

(30) 101 52 779.9 29 Oct/oct 2001 DE (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INPUT DEVICE IN ACCORDANCE WITH THE PARALLEL KINEMATIC PRINCIPLE AND WITH HAPTIC FEEDBACK

- DISPOSITIF D'ENTREE SELON LE PRINCIPE CINEMATIQUE PARALLELE ET A RETOUR HAPTIQUE

(71, 72) SCHAEFFER, Albert [DE/DE]; Lindgreenstrasse 6, 64404 Bickenbach (DE).

(74) PETRA, Elke; Petra, Zieger & Kollegen, Herzog-Ludwig-Strasse 18, 85570 Markt Schwaben (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/038542 (13) A2

(21) PCT/IB02/04437

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

- (30) 09/985,044 **1 Nov/nov 2001** US
(01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CUSTOMIZED MESSAGING BETWEEN WIRELESS ACCESS POINT AND SERVICES
• MESSAGERIE PERSONNALISEE ENTRE UN POINT D'ACCES SANS FIL ET DES SERVICES
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). NOKIA INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
- (72) HEINONEN, Tomi; Tähkäniitynkatu 6F, FIN-33610 Tampere (FI). LAITINEN, Timo, M.; Juhlatalonkatu 2E 69, FIN-33100 Tampere (FI).
- (74) HOEL, John; 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 MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
(11) WO 03/038544 (13) A2
(21) PCT/IN02/00214
(22) 18 Oct/oct 2002 (18.10.2002)
(25) en (26) en
(30) 10/035,921 **27 Oct/oct 2001** US
(27.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • REMOTELY CONFIGURABLE MEDIA AND ADVERTISEMENT PLAYER AND METHODS OF MANUFACTURE AND OPERATION THEREOF
• LECTEUR DE MEDIAS ET DE PUBLICITES CONFIGURABLE A DISTANCE, SES PROCEDES DE REALISATION ET SON FONCTIONNEMENT
- (71) REAL IMAGE MEDIA TECHNOLOGIES (P) LTD. [IN/IN]; 7-B Third Street Balajinagar, Chennai 600 014, Tamil Nadu (IN).
- (72) KUMAR, Senthil; 16 First Street Balajinagar, Chennai 600 014, Tamil Nadu (IN). PANCHAPAKESAN, Jayendra; 2A Paduka Apartments, 9 First Cross Street, CIT Colony, Chennai 600 004, Tamil Nadu (IN).
- (74) DEPENNING, R., G. et al. / etc.; Depenning & Depenning, 31 South Bank Road, Chennai 600 028, Tamil Nadu (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
(11) WO 03/038543 (13) A2
(21) PCT/IN02/00214
(22) 18 Oct/oct 2002 (18.10.2002)
(25) en (26) en
(30) 10/032,508 **27 Oct/oct 2001** US
(27.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MEDIA AND ADVERTISEMENT DISTRIBUTION AND TRACKING SYSTEM AND METHOD OF OPERATION THEREOF
• SYSTEME DE DIFFUSION ET DE SUIVI DE SUPPORTS ET D'ANNONCES PUBLICITAIRES, ET SON PROCEDURE DE FONCTIONNEMENT
- (71) REAL IMAGE MEDIA TECHNOLOGIES (P) LTD. [IN/IN]; 7-B Third Street Balajinagar, Chennai 600 014, Tamil Nadu (IN).
- (72) SENTHIL, Kumar; 16 First Street Balajinagar, Chennai 600 014, Tamil Nadu (IN). JAYENDRA, Panchapakesan; 2A Paduka Apartments, 9 First Cross Street, CIT Colony, Chennai 600 004, Tamil Nadu (IN).
- (74) DePENNING & DePENNING; 31 South Bank Road, Chennai 600 028, Tamil Nadu (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
(11) WO 03/038545 (13) A2
(21) PCT/US02/26379
(22) 19 Aug/août 2002 (19.08.2002)
(25) en (26) en
(30) 10/002,073 **31 Oct/oct 2001** US
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DYNAMIC ALLOCATION OF PROCESSING TASKS USING VARIABLE PERFORMANCE HARDWARE PLATFORMS
• ATTRIBUTION DYNAMIQUE DE TACHES DE TRAITEMENT AU MOYEN DE PLATES-FORMES DE MATERIEL A RENDEMENT VARIABLE
- (71) AVAYA TECHNOLOGY CORPORATION [US/US]; 211 Mount Airy Road, Basking Ridge, NJ 07920 (US).
- (72) SHAFFER, Larry, J.; 3504 East 117th Drive, Thornton, CO 80233 (US).
- (74) SWARTZ, Douglas, W. 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 CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
(11) WO 03/038546 (13) A2
(21) PCT/US02/31559
(22) 3 Oct/oct 2002 (03.10.2002)
(25) en (26) en
(30) 10/045,120 **26 Oct/oct 2001** US
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SYSTEM AND METHOD FOR PROVIDING ELECTRONIC BULK BUYING
• SYSTEME ET PROCEDURE D'ACHAT EN VRAC PAR VOIE ELECTRONIQUE
- (71) IBIQUITY DIGITAL CORPORATION [US/US]; 20 Independence Boulevard, Warren, NJ 07059 (US).
- (72) SYED, Majid; 97 York Drive, Princeton, NJ 08540 (US).
- (74) HARPER, Blaney et al. / etc.; Jones, Day, Reavis & Pogue, 51 Louisiana Avenue, N.W., Washington, DC 20001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038547 (13) A2
(21) PCT/US02/32339
(22) 9 Oct/oct 2002 (09.10.2002)
(25) en (26) en
(30) 10/021,124 **30 Oct/oct 2001** US
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • RISK MANAGEMENT CLEARING-HOUSE
• CHAMBRE DE COMPENSATION DE LA GESTION DE RISQUES

- (71) **GOLDMAN, SACHS & CO.** [US/US]; One New York Plaza, New York, NY 10004 (US).
- (72) **LAWRENCE, David**; 85 Broad Street, New York, NY 10004 (US).
- (74) **KINCART, Joseph, P.**; Clifford Chance US LLP, 200 Park Avenue, New York, NY 10166 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F**
- (11) **WO 03/038548** (13) A2
- (21) PCT/US02/33218
- (22) **18 Oct/oct 2002 (18.10.2002)**
- (25) en (26) en
- (30) 60/329,765 **18 Oct/oct 2001 US (18.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **MODEL DRIVEN COLLABORATIVE BUSINESS APPLICATION DEVELOPMENT ENVIRONMENT AND COLLABORATIVE APPLICATIONS DEVELOPED THEREWITH**
- **ENVIRONNEMENT DE DEVELOPEMENT D'APPLICATIONS COMMERCIALES COLLABORATIVES GUIDE PAR MODELE ET APPLICATIONS COLLABORATIVES DEVELOPEES AVEC CET ENVIRONNEMENT**
- (71) **VITRIA TECHNOLOGY, INC.** [US/US]; 945 Stewart Drive, Sunnyvale, CA 94085-3913 (US).
- (72) **SKEEN, Marion, Dale**; 292 Valparaiso Avenue, Atherton, CA 94027-5546 (US).
- (74) **KAUFMAN, Marc, S.**; Nixon Peabody LLP, 8180 Greensboro Drive, Suite 800, McLean, VA 22102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F**
- (11) **WO 03/038549** (13) A2
- (21) PCT/US02/33791
- (22) **21 Oct/oct 2002 (21.10.2002)**
- (25) en (26) en
- (30) 10/021,583 **29 Oct/oct 2001 US (29.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **WIRELESS MAILROOM HAVING A GATEWAY SERVER TO ALLOW REMOTE ACCESS**
- **SERVICE DE COURRIER SANS FIL DOTE D'UN SERVEUR PASSERELLE POUR PERMETTRE L'ACCES A DISTANCE**
- (71) **PITNEY BOWES INC.** [US/US]; 1 Elm-croft Road, Stamford, CT 06926 (US).
- (72) **BELL, Easton, F.**; 16 Silvermine Avenue, Norwalk, CT 06850 (US). **COFFY, Jean-Hiram**; 104 Bouton Street, Norwalk, CT 06854-4128 (US). **MILLER, Kenneth, G.**; 9 Cross Hill Road, Bethel, CT 06801 (US). **NORRIS, James, R., Jr.**; 46 Kenosia Avenue #31, Danbury, CT 06810 (US). **TRISKA, Cheryl, Picoult**; 16 Marsh Pond Lane, Monroe, CT 06468 (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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
- (s) for all designations / pour toutes les désignations
-
- (51)⁷ **G06F**
- (11) **WO 03/038550** (13) A2
- (21) PCT/US02/33798
- (22) **23 Oct/oct 2002 (23.10.2002)**
- (25) en (26) en
- (30) 09/983,884 **26 Oct/oct 2001 US (26.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **SYSTEMS AND METHODS FOR TABLE DRIVEN AUTOMATION TESTING OF SOFTWARE PROGRAMS**
- **SYSTEMES ET PROCEDES D'AUTOMATISATION D'ESSAIS DE LOGICIELS GERES PAR TABLES**
- (71) **CAPITAL ONE FINANCIAL CORPORATION** [US/US]; 2980 Fairview Park Drive, Falls Church, VA 22042 (US).
- (72) **SCHAEFER, James, S.**; 1200 Carmon Street, Richmond, VA 23233 (US).
- (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F**
- (11) **WO 03/038552** (13) A2
- (21) PCT/US02/34166
- (22) **25 Oct/oct 2002 (25.10.2002)**
- (25) en (26) en
- (30) 10/015,077 **26 Oct/oct 2001 US (26.10.2001)**
- RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F**
- (11) **WO 03/038551** (13) A2
- (21) PCT/US02/33885
- (22) **22 Oct/oct 2002 (22.10.2002)**
- (25) en (26) en
- (30) 10/021,292 **29 Oct/oct 2001 US (29.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **SUBSCRIPTION-BASED PAYMENT**
- **PAIEMENT REPOSANT SUR UN ABONNEMENT**
- (71) **FIRST DATA CORPORATION** [US/US]; 12500 East Belford Avenue, Englewood, CO 80112-5939 (US).
- (72) **MILBERGER, Susan, M.**; 7599 South Willow Circle, Englewood, CO 80112 (US). **SHERRARD, Jeff, D.**; 14634 West Auburn Court, Lakewood, CO 80228 (US). **DUNKER, Amy, M.**; 1025 Purple Sage Loop, Castle Rock, CO 80138 (US). **MACFARLANE, Jackie, M.**; 12318 Summit Ridge Road, Parker, CO 80138 (US). **PLATTE, Eric, L.**; 1507 Whitetail Drive, Castle Rock, CO 80104 (US). **ABRAHAM, Susan, F.**; 3734 Powers Ferry Road, Atlanta, GA 30342 (US). **NEOFYTIDES, Cheryl, L.**; 319 Tulip Ave, Floral Park, NY 11001 (US). **BAIG, Aamer, Ali**; 111-32 76th Ave., Apt. 3J, Forest Hills, NY 11375 (US). **KARAS, Peter, M.**; 115 Flower St., Lakewood, CO 80226 (US). **COWELL, James, E.**; 2509 W. Long Circle, Littleton, CO 80120 (US). **YODER, James, R.**; 1902 W. Henderson, Chicago, IL 60657 (US). **GOLUB, Matt, F.**; 276 Highwood Avenue, Tera Fly, NJ 07670 (US).
- (74) **FRANKLIN, Thomas, D. et al.** / etc.; Townsend and Townsend and Crew LLP, Eighth Floor, Two Embarcadero Center., San Francisco, CA 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038552** (13) A2
- (21) PCT/US02/34166
- (22) **25 Oct/oct 2002 (25.10.2002)**
- (25) en (26) en
- (30) 10/015,077 **26 Oct/oct 2001 US (26.10.2001)**

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SYSTEM AND METHOD FOR USING AN INSTANT MESSAGING ENVIRONMENT TO ESTABLISH A HOSTED APPLICATION SHARING SESSION
- SYSTEME ET PROCEDE D'UTILISATION D'UN ENVIRONNEMENT DE MESSAGERIE INSTANTANEE DESTINES A ETABLIR UNE SESSION PARTAGEANT UNE APPLICATION HEBERGEE
- (71) LINQWARE, INC. [US/US]; 6161 NE 175th Street, Suite 203, Kenmore, WA 98028 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TURNER, Tod [US/US]; 17347 Beach Drive, NE Bldg., East Lake Forest Park, WA 17347 (US). LANCE, Wade [US/US]; 6521 125th Avenue NE, Kirkland, WA 98033 (US). SCHREMP, Bryan [US/US]; 2102 Timber Trail, Bothell, WA 98012 (US). BEQUETTE, Bruce [US/US]; 628 191st Place SW, Lynnwood, WA 98036 (US).
- (74) HEIDELBERGER, Louis, M. et al. / etc.; Reed Smith LLP, 2500 One Liberty Place, 1650 Market Street, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06F
(11) WO 03/038554 (13) A2
(21) PCT/US02/34509
(22) 28 Oct/oct 2002 (28.10.2002)
(25) en (26) en
(30) 10/015,816 1 Nov/nov 2001 US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND SYSTEM OF FACILITATING ON-LINE SHOPPING USING AN INTERNET BROWSER
- PROCEDE ET SYSTEME FACILITANT LES ACHATS EN LIGNE UTILISANT UN NAVIGATEUR INTERNET
- (71) YAHOO! INC. [US/US]; 701 First Avenue, Sunnyvale, CA 94089 (US).
- (72) SHAFRON, Thomas, Joshua; 1455 Ocean Drive, Apt. 1208, Miami Beach, FL 33139 (US). LU, Qi; 20847 Russell Lane, Saratoga, CA 95070 (US). BALDUA, Ashish; 5308 Canyon Hills Lane, San Jose, CA 95138 (US).
- (74) DECARLO, James, J. et al. / etc.; Stroock & Stroock & Lavan LLP, 180 Maiden Lane, New York, NY 10038 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ G06F
(11) WO 03/038553 (13) A2
(21) PCT/US02/34362
(22) 25 Oct/oct 2002 (25.10.2002)
(25) en (26) en
(30) 10/020,466 29 Oct/oct 2001 US (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND SYSTEM FOR CONDUCTING A COMMERCIAL TRANSACTION BETWEEN A BUYER AND A SELLER
- PROCEDE ET SYSTEME SERVANT A MENER UNE TRANSACTION COMMERCIALE ENTRE UN ACHETEUR ET UN VENDEUR
- (71) VISA INTERNATIONAL SERVICE ASSOCIATION [US/US]; 900 Metro Blvd., Foster City, CA 94404 (US).
- (72) VAUX, Jonathan; 3417 Divisadero St., San Francisco, CA 94183 (US). TRIPLETT, Brian; 2101 Canyon Crest Ave., San Ramon, CA 94583 (US). DREYER, Michael; 1024 Dunhill Court, Danville, CA 94506 (US).
- (74) NG, Horace et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (30) Not furnished / 28 Oct/oct 2002 US non communiqué (28.10.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • COLLABORATION-ENABLED ENTERPRISE
- ENTREPRISE ADAPTEE A LA COLLABORATION
- (71) SCHLUMBERGER OMNES, INC. [US/US]; 5599 San Felipe, Suite 1700, Houston, TX 77056 (US).
- (72) GUICCIARDI, Diego; 2100 Bering Drive, #733, Houston, TX 77057 (US). LUCAS, George, P.; 3902 Panorama Drive, Missouri City, TX 77056-2720 (US). HUJEU, Jean-Claude; c/o Schlumberger Omnes, Inc., 5599 San Felipe Rd., Suite 1700, Houston, TX 77056 (US).
- (74) ROSENTHAL, Alan, D. et al. / etc.; Rosenthal & Osha L.L.P., 1221 McKinney Avenue, Suite 2800, Houston, TX 77010 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G06F
(11) WO 03/038556 (13) A2
(21) PCT/US02/34627
(22) 28 Oct/oct 2002 (28.10.2002)
(25) en (26) en
(30) 60/348,311 29 Oct/oct 2001 US (29.10.2001)
(30) 60/335,261 30 Oct/oct 2001 US (30.10.2001)
(30) 60/379,490 10 May/mai 2002 US (10.05.2002)
(30) 10/281,339 25 Oct/oct 2002 US (25.10.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS AND SYSTEMS FOR CREATING A VIRTUAL WORK ENVIRONMENT WITHIN WHICH TO DEVELOP IDEAS AND PERFORM INTELLECTUAL WORK
- PROCEDES ET SYSTEMES PERMETTANT DE CREER UN ENVIRONNEMENT DE TRAVAIL VIRTUEL DANS LEQUEL DES IDEES SONT ELABOREES ET UN TRAVAIL INTELLECTUEL EST REALISE
- (71) ENGAGE THOUGHTWARE, LLC. [US/US]; 655 East Medical Drive, Bountiful, UT 84010 (US).
- (72) HARRIS, Douglas, O.; 1772 East Mueller Park Road, Bountiful, UT 84010 (US).
- (74) STRINGHAM, John, C.; Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake city, UT 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F

(11) WO 03/038557 (13) A2

(21) PCT/US02/34765

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/330,794 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS AND SYSTEMS FOR ESTABLISHING TRUST OF IDENTITY
• PROCEDES ET SYSTEMES SERVANT A ETABLIR LA VERACITE D'UNE IDENTITE

(71, 72) CANNON, Greg [US/US]; 9135 Indian River Run, Boynton Beach, FL 33437 (US). SCOTT, Walter, Guy [NZ/US]; 11662 Lake Shore Place, North Palm Beach, FL 33408 (US).

(74) KESSLER, Edward, J. et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, DC 20005-3934 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F

(11) WO 03/038558 (13) A2

(21) PCT/US02/34775

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/330,759 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE AND METHODS FOR DIRECTED SYNTHESIS OF CHEMICAL LIBRARIES
• DISPOSITIF ET PROCEDES DE SYNTHÈSE DIRIGÉE DE BIBLIOTHÈQUES CHIMIQUES

(63) US 60/330,759 (CIP)
30 Oct/oct 2001 (30.10.2001)

(71) NANOMICS BIOSYSTEMS PTY, LTD. [AU/AU]; 59 Bunowang Street, Balmoral, QLD 4171 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BATTERSBY, Bronwyn, J. [AU/AU]; 24/32 Tomskins Road, Riverhills, QLD 4074 (AU). MILLER, Christopher, R. [AU/AU]; 5 Skipton Street, MacGregor, QLD 4109 (AU). TRAU, Mathias [AU/AU]; 59 Bunowang Street, Balmoral, QLD 4171 (AU). WAY, Jeffrey, C. [US/US]; 108 Fayerweather Street, Unit 2, Cambridge, MA 02138 (US). JOHNSTON, Angus [AU/AU]; 25 Eighth Avenue, St. Lucia, QLD 4067 (AU).

(74) ELBING, Karen, L.; 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F

(11) WO 03/038559 (13) A2

(21) PCT/US02/34781

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/037,462 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR CONTEMPORANEOUS BILLING AND DOCUMENTING WITH RENDERED SERVICES

• PROCEDE ET DISPOSITIF DE FACTURATION ET DE DOCUMENTATION EN CONCOMITANCE AVEC LA FOURNITURE DE SERVICES

(71, 72) MYERS, Gene, E. [US/US]; 2450 Tamiami Trail, Sarasota, FL 32439 (US).

(74) BUFORD, Kevin, A.; Holland & Knight LLP, Suite 700, 1600 Tysons Boulevard, McLean, VA 22102-4867 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 G06F

(11) WO 03/038560 (13) A2

(21) PCT/US02/34853

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/336,409 31 Oct/oct 2001 US (31.10.2001)

(30) 60/351,207 22 Jan/jan 2002 US (22.01.2002)

(30) 10/142,655 9 May/mai 2002 US (09.05.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SERVICES FOR GENERATION OF ELECTRONIC MARKETPLACE LISTINGS USING PERSONAL PURCHASE HISTORIES OR OTHER INDICIA OF PRODUCT OWNERSHIP

• SERVICES DE GENERATION DE LISTES DE MARCHES ELECTRIQUES A L'AIDE D'HISTORIQUES D'ACHATS PERSONNELS OU D'AUTRES INDICES DE LA PROPRIETE DE PRODUITS

(71) AMAZON.COM, INC. [US/US]; 1200 12th Avenue South, Suite 1200, Seattle, WA 98144 (US).

(72) KOTAS, Paul; 119 Aloha Street, Seattle, WA 98109 (US). ROSEMAN, Neil, C.; 337 25th Avenue East, Seattle, WA 98112 (US). BEZOS, Jeffrey, P.; P.O. Box 81226, Seattle, WA 98108 (US). MOORE, Bruce, C.; 2929 First Avenue #1022, Seattle, WA 98121 (US). DALZELL, Richard, L.; P.O. Box 81226, Seattle, WA 98108 (US). BLACKBURN, Jeffrey, M.; 3810 E. McGivra Street, Seattle, WA 98144 (US).

(74) ALTMAN, Daniel, E.; Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F

(11) WO 03/038561 (13) A2

(21) PCT/US02/34870

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/330,871 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • SYSTEM AND METHOD FOR ESTABLISHING OR MODIFYING AN ACCOUNT WITH USER SELECTABLE TERMS
- SYSTEME ET PROCEDURE POUR ETABLIR OU MODIFIER UN COMPTE AVEC DES TERMES SELECTIONNABLES PAR L'UTILISATEUR
- (71) **FIRST USA BANK, N.A.** [US/US]; Three Christina Centre, 201 North Walnut Street, Wilmington, DE 19801 (US).
- (72) **WARREN, Mary, Carter**; 105 Bellemore Road, Baltimore, MD 21210 (US). **STROCK, Bradley, R.**; 11 Altemus Drive, Landenburg, PA 19350 (US). **WITSIL, Kathleen, H.**; 202 E. Hillendale Road, Kennett Square, PA 19348 (US). **EHEMAN, Karen, R.**; 2 Beacon Lane, Newark, DE 19711 (US). **FREDMAN, Marc, L.**; 441 E. Erie -Apt. 3611, Chicago, IL 60611 (US). **HOECHST, Kim**; 1240 Old Woods Road, West Chester, PA 19382 (US). **STECKART, James, C.**; Apt. 1S - 1745 Orrington Avenue, Evanston, IL 60201-3830 (US). **BLOSSOM, George, W.**; 1191 Shady Grove Way, West Chester, PA 19382 (US). **JACOBS, Ron**; 2311 Hilltop Road, Wilmington, DE 19810 (US). **SCHMITT, Donald, H.**; 10 Pheasants Ridge North, Greenville, DE 19807 (US). **BARRETT, Donna, W.**; 1 Nest Court, Wilmington, DE 19807 (US). **FILAK, Douglas, A.**; 609 Aberdeen Road, Kennett Square, PA 19348 (US).
- (74) **SCOTT, Thomas, J., Jr.** et al. / etc.; Intellectual Property Department, Hunton & Williams, 1900 K Street, N.W., Suite 1200, Washington, DC 20006-1109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038562** (13) A2
- (21) PCT/US02/34915
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) en (26) en
- (30) 60/335,364 **31 Oct/oct 2001** US (31.10.2001)
- (30) 09/992,379 **19 Nov/nov 2001** US (19.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SYSTEM AND METHOD FOR PROVISIONING NETWORK SERVICES
- SYSTEME ET PROCEDURE DE FOURNITURE DE SERVICES DE RESEAU
- (71) **CSG SYSTEMS, INC.** [US/US]; 7887 E. Belleview Avenue, Suite 900, Englewood, CO 80111 (US).
- (72) **BORELLI, Steven, J.**; 9967 S. Blackbird Circle, Highlands Ranch, CO 80130 (US).
- ELSE, Sally, Elizabeth**; 473 S. Williams Street, Denver, CO 80209 (US). **DAVIES, Patrick, C.**; 10477 Dimple Dell Road, Sandy, UT 84092 (US). **CHAWLA, Ranbir**; 8192 S. Emerson Way, Littleton, CO 80122 (US). **CARDINAL, Randall, W.**; 1473 E. 250 North, Bountiful, UT 84108 (US).
- (74) **JAROSIK, Gary, R.**; Altheimer & Gray, 10 South Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038563** (13) A2
- (21) PCT/US02/34941
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) en (26) en
- (30) 60/337,633 **1 Nov/nov 2001** US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SPECIFIC INTERNET USER TARGET ADVERTISING REPLACEMENT METHOD AND SYSTEM
- SYSTEME ET PROCEDURE DE REINSERTION PUBLICITAIRE CIBLEE SPECIFIQUE POUR DES USAGERS INTERNET
- (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) **TRZYBINSKI, Robert, Eugene** [US/US]; 7741 North Sherman Drive, Indianapolis, IN 46240 (US). **DERRENBARGER, Mike, Arthur** [US/US]; 11721 River Ridge Drive, Fishers, IN 46038 (US). **LOCKRIDGE, Terry, Wayne** [US/US]; 10350 Ruckle Street, Indianapolis, IN 46280 (US).
- (74) **TRIPOLI, Joseph, S.** et al. / etc.; 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038564** (13) A2
- (21) PCT/US02/34966
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) en (26) en
- (30) 60/340,098 **1 Nov/nov 2001** US (01.11.2001)
- (30) 60/340,097 **1 Nov/nov 2001** US (01.11.2001)
- (30) 60/340,079 **1 Nov/nov 2001** US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SYSTEM AND METHOD FOR FACILITATING THE EXCHANGE OF HEALTH CARE TRANSACTIONAL INFORMATION
- SYSTEME ET PROCEDURE FACILITANT L'ECHANGE D'INFORMATIONS TRANSACTIONNELLES DE SOINS DE SANTE
- (71) **MEDUNITE, INC.** [US/US]; 11452 El Camino Real, San Diego, CA 92130 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NARAYANAN, Suriya** [US/US]; 13723 Poniente, Poway, CA 92064 (US). **ROOT, Lee** [US/US]; 13025 Harwick Lane, San Diego, CA 92130 (US).
- (74) **ZIMMER, Kevin, J.** et al. / etc.; Cooley Godward LLP, 3000 El Camino Real, Five Palo Alto Square, Palo Alto, CA 94306-2155 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) **WO 03/038565** (13) A2
- (21) PCT/US02/35084
- (22) **1 Nov/nov 2002 (01.11.2002)**
- (25) en (26) en
- (30) 60/330,842 **1 Nov/nov 2001** US (01.11.2001)
- (30) 60/365,169 **19 Mar/mar 2002** US (19.03.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND SYSTEM FOR PROCESSING QUERY MESSAGES OVER A NETWORK
- PROCEDURE ET SYSTEME DE TRAITEMENT DE MESSAGES DE REQUETES SUR UN RESEAU
- (71) **VERISIGN, INC.** [US/US]; 487 East Middlefield Road, Mountain View, CA 94043 (US).
- (72) **BALOGH, Aristotle, Nicholas**; 2779 Marshall Lake Drive, Oakton, VA 22124 (US).

(74) **TREIBER, Adam, M.** et al. / etc.; Kenyon & Kenyon, 1500 K Street, N.W., Suite 700, Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F

(11) WO 03/038566 (13) A2

(21) PCT/US02/35091

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/330,853 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • USER INTERFACE FOR SEDATION AND ANALGESIA DELIVERY SYSTEMS AND METHODS

• INTERFACE D'UTILISATEURS POUR METHODES ET SYSTEMES D'ADMINISTRATION DE L'ANALGESIE ET DE LA SEDATION

(71) **SCOTT LABORATORIES, INC.** [US/US]; 2804 N. Loop 289, Lubbock, TX 79415 (US).

(72) **HICKLE, Randall, S.**; 2404 Topeka Avenue, Lubbock, TX 79410 (US). **ENDSLEY, Mica**; 4731 East Forest Peak, Marietta, GA 30066 (US).

(74) **CROWSON, Celine, Jimenez** et al. / etc.; Hogan & Hartson L.L.P., 555 13th Street, N.W., Washington, DC 20004-1109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F

(11) WO 03/038567 (13) A2

(21) PCT/US02/35254

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/340,616 1 Nov/nov 2001 US (01.11.2001)

(30) 60/337,555 8 Nov/nov 2001 US (08.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DIGITAL AUDIO DEVICE

• DISPOSITIF AUDIO NUMERIQUE

(71) **MATTEL, INC.** [US/US]; 333 Continental Avenue, El Segundo, CA 90245 (US).

(72) **COLLINS, Gary**; 2115 Mathews Avenue #9, Redondo Beach, CA 90278 (US). **NIELSEN, Paul**; 21 Breezy Hill Road, Stanford, CT 06903 (US). **HARMON, Kevin**; 26846 Via Grande, Mission Viejo, CA 92691 (US).

(74) **CREASMAN, Jason, C.**; Kolisch Hartwell, P.C., 520 S.W. Yamhill Street, Suite 200, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 03/038568 (13) A2

(21) PCT/US02/35255

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 10/003,613 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEM AND METHOD FOR IMPLEMENTING EMPLOYEE STOCK PLANS

• SYSTEME ET PROCEDE PERMETTANT DE METTRE EN OEUVRE UN REGIME D'ACTIONNARIAT DE SALARIES

(71) **UBS PAINWEBBER INC.** [US/US]; 1200 Harbor Boulevard, Weehawken, NJ 07087 (US).

(72) **SHIELDS, Lawrence, P.**; 42 West 13th Street #5D, New York, NY 10011 (US). **BREWSTER, George**; 2 Kalman Court, Warren, NJ 07059 (US). **HUMZA, James**; 4 Moselem Springs Court, Skillman, NJ 08558 (US). **MOONEY, James**; 105 Coopers Lane, River Vale, NJ 07675 (US). **BENDRE, Hermant**; 39-41 Wenonah Drive, Fair Lawn, NJ 07410 (US). **BURNS, Julia, K.**; 169 Sixth Street, Verplanck, NY 10576 (US). **DENOLA, Joseph**; 438 Mountain Avenue, Washington Township, NJ 07676 (US). **ENG, Eileen**; 31 Clifton Terrace, Weehawken, NJ 07086 (US). **JONES, Doug**; 821 North Hampton Cove, Franklin, TN 37064 (US). **KELLY, Michael**; 112 Momar Drive, Ramsey, NJ 07446 (US). **KHANNA, Sudhir**; 220 East 74th Street, Apt. 4R, New York, NY 10021 (US). **REBIMBAS, John**; 643 Hoover Street, East Meadow, NY 11554 (US). **TROJAN, Mark**; 117 West 5th Street, Bayonne, NJ 07002 (US). **TURETSKY, Alla**; 598 Lake Avenue, Oradell, NJ 07649 (US). **VANDERHOOF, Heather**; 675 Joralemon Street, Belleville, NJ 07109 (US).

(72) **SHIELDS, Lawrence, P.**; 42 West 13th Street #5D, New York, NY 10011 (US). **BREWSTER, George**; 2 Kalman Court, Warren, NJ 07059 (US). **HUMZA, James**; 4 Moselem Springs Court, Skillman, NJ 08558 (US). **MOONEY, James**; 105 Coopers Lane, River Vale, NJ 07675 (US). **BENDRE, Hermant**; 39-41 Wenonah Drive, Fair Lawn, NJ 07410 (US). **BURNS, Julia, K.**; 169 Sixth Street, Verplanck, NY 10576 (US). **DENOLA, Joseph**; 438 Mountain Avenue, Washington Township, NJ 07676 (US). **ENG, Eileen**; 31 Clifton Terrace, Weehawken, NJ 07086 (US). **JONES, Doug**; 821 North Hampton Cove, Franklin, TN 37064 (US). **KELLY, Michael**; 112 Momar Drive, Ramsey, NJ 07446 (US). **KHANNA, Sudhir**; 220 East 74th Street, Apt. 4R, New York, NY 10021 (US). **REBIMBAS, John**; 643 Hoover Street, East Meadow, NY 11554 (US). **TROJAN, Mark**; 117 West 5th Street, Bayonne, NJ 07002 (US). **TURETSKY, Alla**; 598 Lake Avenue, Oradell, NJ 07649 (US). **VANDERHOOF, Heather**; 675 Joralemon Street, Belleville, NJ 07109 (US).

(72) **SHIELDS, Lawrence, P.**; 42 West 13th Street #5D, New York, NY 10011 (US). **BREWSTER, George**; 2 Kalman Court, Warren, NJ 07059 (US). **HUMZA, James**; 4 Moselem Springs Court, Skillman, NJ 08558 (US). **MOONEY, James**; 105 Coopers Lane, River Vale, NJ 07675 (US). **BENDRE, Hermant**; 39-41 Wenonah Drive, Fair Lawn, NJ 07410 (US). **BURNS, Julia, K.**; 169 Sixth Street, Verplanck, NY 10576 (US). **DENOLA, Joseph**; 438 Mountain Avenue, Washington Township, NJ 07676 (US). **ENG, Eileen**; 31 Clifton Terrace, Weehawken, NJ 07086 (US). **JONES, Doug**; 821 North Hampton Cove, Franklin, TN 37064 (US). **KELLY, Michael**; 112 Momar Drive, Ramsey, NJ 07446 (US). **KHANNA, Sudhir**; 220 East 74th Street, Apt. 4R, New York, NY 10021 (US). **REBIMBAS, John**; 643 Hoover Street, East Meadow, NY 11554 (US). **TROJAN, Mark**; 117 West 5th Street, Bayonne, NJ 07002 (US). **TURETSKY, Alla**; 598 Lake Avenue, Oradell, NJ 07649 (US). **VANDERHOOF, Heather**; 675 Joralemon Street, Belleville, NJ 07109 (US).

(72) **SHIELDS, Lawrence, P.**; 42 West 13th Street #5D, New York, NY 10011 (US). **BREWSTER, George**; 2 Kalman Court, Warren, NJ 07059 (US). **HUMZA, James**; 4 Moselem Springs Court, Skillman, NJ 08558 (US). **MOONEY, James**; 105 Coopers Lane, River Vale, NJ 07675 (US). **BENDRE, Hermant**; 39-41 Wenonah Drive, Fair Lawn, NJ 07410 (US). **BURNS, Julia, K.**; 169 Sixth Street, Verplanck, NY 10576 (US). **DENOLA, Joseph**; 438 Mountain Avenue, Washington Township, NJ 07676 (US). **ENG, Eileen**; 31 Clifton Terrace, Weehawken, NJ 07086 (US). **JONES, Doug**; 821 North Hampton Cove, Franklin, TN 37064 (US). **KELLY, Michael**; 112 Momar Drive, Ramsey, NJ 07446 (US). **KHANNA, Sudhir**; 220 East 74th Street, Apt. 4R, New York, NY 10021 (US). **REBIMBAS, John**; 643 Hoover Street, East Meadow, NY 11554 (US). **TROJAN, Mark**; 117 West 5th Street, Bayonne, NJ 07002 (US). **TURETSKY, Alla**; 598 Lake Avenue, Oradell, NJ 07649 (US). **VANDERHOOF, Heather**; 675 Joralemon Street, Belleville, NJ 07109 (US).

(72) **SHIELDS, Lawrence, P.**; 42 West 13th Street #5D, New York, NY 10011 (US). **BREWSTER, George**; 2 Kalman Court, Warren, NJ 07059 (US). **HUMZA, James**; 4 Moselem Springs Court, Skillman, NJ 08558 (US). **MOONEY, James**; 105 Coopers Lane, River Vale, NJ 07675 (US). **BENDRE, Hermant**; 39-41 Wenonah Drive, Fair Lawn, NJ 07410 (US). **BURNS, Julia, K.**; 169 Sixth Street, Verplanck, NY 10576 (US). **DENOLA, Joseph**; 438 Mountain Avenue, Washington Township, NJ 07676 (US). **ENG, Eileen**; 31 Clifton Terrace, Weehawken, NJ 07086 (US). **JONES, Doug**; 821 North Hampton Cove, Franklin, TN 37064 (US). **KELLY, Michael**; 112 Momar Drive, Ramsey, NJ 07446 (US). **KHANNA, Sudhir**; 220 East 74th Street, Apt. 4R, New York, NY 10021 (US). **REBIMBAS, John**; 643 Hoover Street, East Meadow, NY 11554 (US). **TROJAN, Mark**; 117 West 5th Street, Bayonne, NJ 07002 (US). **TURETSKY, Alla**; 598 Lake Avenue, Oradell, NJ 07649 (US). **VANDERHOOF, Heather**; 675 Joralemon Street, Belleville, NJ 07109 (US).

(72) **SHIELDS, Lawrence, P.**; 42 West 13th Street #5D, New York, NY 10011 (US). **BREWSTER, George**; 2 Kalman Court, Warren, NJ 07059 (US). **HUMZA, James**; 4 Moselem Springs Court, Skillman, NJ 08558 (US). **MOONEY, James**; 105 Coopers Lane, River Vale, NJ 07675 (US). **BENDRE, Hermant**; 39-41 Wenonah Drive, Fair Lawn, NJ 07410 (US). **BURNS, Julia, K.**; 169 Sixth Street, Verplanck, NY 10576 (US). **DENOLA, Joseph**; 438 Mountain Avenue, Washington Township, NJ 07676 (US). **ENG, Eileen**; 31 Clifton Terrace, Weehawken, NJ 07086 (US). **JONES, Doug**; 821 North Hampton Cove, Franklin, TN 37064 (US). **KELLY, Michael**; 112 Momar Drive, Ramsey, NJ 07446 (US). **KHANNA, Sudhir**; 220 East 74th Street, Apt. 4R, New York, NY 10021 (US). **REBIMBAS, John**; 643 Hoover Street, East Meadow, NY 11554 (US). **TROJAN, Mark**; 117 West 5th Street, Bayonne, NJ 07002 (US). **TURETSKY, Alla**; 598 Lake Avenue, Oradell, NJ 07649 (US). **VANDERHOOF, Heather**; 675 Joralemon Street, Belleville, NJ 07109 (US).

(72) **SHIELDS, Lawrence, P.**; 42 West 13th Street #5D, New York, NY 10011 (US). **BREWSTER, George**; 2 Kalman Court, Warren, NJ 07059 (US). **HUMZA, James**; 4 Moselem Springs Court, Skillman, NJ 08558 (US). **MOONEY, James**; 105 Coopers Lane, River Vale, NJ 07675 (US). **BENDRE, Hermant**; 39-41 Wenonah Drive, Fair Lawn, NJ 07410 (US). **BURNS, Julia, K.**; 169 Sixth Street, Verplanck, NY 10576 (US). **DENOLA, Joseph**; 438 Mountain Avenue, Washington Township, NJ 07676 (US). **ENG, Eileen**; 31 Clifton Terrace, Weehawken, NJ 07086 (US). **JONES, Doug**; 821 North Hampton Cove, Franklin, TN 37064 (US). **KELLY, Michael**; 112 Momar Drive, Ramsey, NJ 07446 (US). **KHANNA, Sudhir**; 220 East 74th Street, Apt. 4R, New York, NY 10021 (US). **REBIMBAS, John**; 643 Hoover Street, East Meadow, NY 11554 (US). **TROJAN, Mark**; 117 West 5th Street, Bayonne, NJ 07002 (US). **TURETSKY, Alla**; 598 Lake Avenue, Oradell, NJ 07649 (US). **VANDERHOOF, Heather**; 675 Joralemon Street, Belleville, NJ 07109 (US).

(72) **SHIELDS, Lawrence, P.**; 42 West 13th Street #5D, New York, NY 10011 (US). **BREWSTER, George**; 2 Kalman Court, Warren, NJ 07059 (US). **HUMZA, James**; 4 Moselem Springs Court, Skillman, NJ 08558 (US). **MOONEY, James**; 105 Coopers Lane, River Vale, NJ 07675 (US). **BENDRE, Hermant**; 39-41 Wenonah Drive, Fair Lawn, NJ 07410 (US). **BURNS, Julia, K.**; 169 Sixth Street, Verplanck, NY 10576 (US). **DENOLA, Joseph**; 438 Mountain Avenue, Washington Township, NJ 07676 (US). **ENG, Eileen**; 31 Clifton Terrace, Weehawken, NJ 07086 (US). **JONES, Doug**; 821 North Hampton Cove, Franklin, TN 37064 (US). **KELLY, Michael**; 112 Momar Drive, Ramsey, NJ 07446 (US). **KHANNA, Sudhir**; 220 East 74th Street, Apt. 4R, New York, NY 10021 (US). **REBIMBAS, John**; 643 Hoover Street, East Meadow, NY 11554 (US). **TROJAN, Mark**; 117 West 5th Street, Bayonne, NJ 07002 (US). **TURETSKY, Alla**; 598 Lake Avenue, Oradell, NJ 07649 (US). **VANDERHOOF, Heather**; 675 Joralemon Street, Belleville, NJ 07109 (US).

(74) **RESTAINO, Leslie, Gladstone**; Brown Raysman Millstein Felder & Steiner LLP, 163 Madison Avenue, P.O. Box 1989, Morristown, NJ 07962-1089 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F 1/00, H04L 29/06, G07C 9/00

(11) WO 03/038569 (13) A2

(21) PCT/EP02/12183

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 0125980.3 30 Oct/oct 2001 GB (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR SELECTING A PASSWORD

• PROCEDE ET APPAREIL PERMETTANT DE SELECTIONNER UN MOT DE PASSE

(71) **F-SECURE OYJ** [FI/FI]; Tammasaarankatu 7, PL 24, Helsinki, FIN-00180 Helsinki (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HYPPÖNEN, Ari** [FI/FI]; Joutsenpolku 1, FIN-10160 Degerby (FI).

(74) **MARKS & CLERK** et al. / etc.; 4220 Nash Court, Oxford Business Park South, Oxford, Oxfordshire OX4 2RU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 1/00

(11) WO 03/038570 (13) A2

(21) PCT/EP02/12190

(22) 10 Oct/oct 2002 (10.10.2002)

(25) en (26) en

(30) 01480108.8 30 Oct/oct 2001 EP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A COMPUTER-IMPLEMENTED METHOD AND SYSTEM FOR CONTROLLING USE OF DIGITALLY ENCODED PRODUCTS

• PROCEDE ET SYSTEME INFORMATIQUES PERMETTANT DE REGULER

L'UTILISATION DE PRODUITS A CO-
DAGE NUMERIQUE

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(for all designated States except / pour tous les États désignés sauf MC US)

(74) **COMPAGNIE IBM FRANCE** [FR/FR]; Tour Descartes, 2, avenue Gambetta, F-92066 Paris La Défense Cedex (FR).
(only for / seulement pour MC)

(72, 75) **PASTORELLI, Bernardo** [IT/IT]; Via XX Settembre, 13/A, I-176100 L'Aquila (IT).
DI GIULIO, Domenico [IT/IT]; Via Alessio Baldovinetti, 85, I-00142 Roma (IT).
ROSSI, Riccardo [IT/IT]; Via Leopoldo Ruspoli, 119, I-00149 Roma (IT).

(74) **ZERBI, Guido**; 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 HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 **G06F 1/00, G11B 20/00**

(11) **WO 03/038571** (13) A1

(21) PCT/JP02/11222

(22) **29 Oct/oct 2002 (29.10.2002)**

(25) en (26) en

(30) 2001-332194 **30 Oct/oct 2001 JP (30.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD, SYSTEM, DEVICE AND COMPUTER PROGRAM FOR MUTUAL AUTHENTICATION AND CONTENT PROTECTION

• SYSTEME DE TRAITEMENT DE DONNEES

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka 571-8501 (JP).
INOUE, Shinji [JP/JP]; 9-13-306, Higashikourincho, Neyagawa-shi, Osaka 572-0081 (JP).

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(72, 75) **OCHI, Makoto** [JP/JP]; 3-32-1-301, Nasudukuri, Hirakata-shi, Osaka 573-0071 (JP).

(74) **NAKAJIMA, Shiro**; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).

(81) CN KR US.

(84) EP (DE FR GB).

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(51)⁷ **G06F 1/00**

(11) **WO 03/038572** (13) A2

(21) PCT/US02/15654

(22) **14 May/mai 2002 (14.05.2002)**

(25) en (26) en

(30) 60/348,431 **29 Oct/oct 2001 US (29.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEM AND METHOD FOR PROTECTING A PERIPHERAL DEVICE AGAINST HOT PLUG ATTACKS

• SYSTEME ET PROCEDE PERMETTANT DE PROTEGER UN DISPOSITIF PERIPHERIQUE CONTRE DES ATTAQUES PAR BRANCHEMENT A CHAUD

(71) **SEAGATE TECHNOLOGY LLC** [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).

(72) **XIE, Wenxiang**; Blk 514 #03-30 Jurong, 52 West Street, Singapore 640514 (SG).
NG, WeiLoon; 14 Verd Crescent, Singapore 688369 (SG).

(74) **CESARI, Kirk, A.**; Seagate Technology LLC, 1280 Disc Drive, Shakopee, MN 55379 (US).

(81) CN DE GB JP KR SG.

(51)⁷ **G06F 1/00**

(11) **WO 03/038573** (13) A2

(21) PCT/US02/25401

(22) **9 Aug/août 2002 (09.08.2002)**

(25) en (26) en

(30) 09/999,881 **31 Oct/oct 2001 US (31.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR PHYSICAL ADDRESS-BASED SECURITY TO DETERMINE TARGET SECURITY

• PROCEDE ET APPAREIL DE SECURITE SE BASANT SUR L'ADRESSE PHYSIQUE POUR DETERMINER LA SECURITE D'UNE CIBLE

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

(72) **BARNES, Brian, C.**; 3915 Eagles Nest Street, Round Rock, TX 78664 (US).
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SCHMIDT, Rodney, W.; 203 Thatchers Court, Drippings Springs, TX 78620 (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 SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 1/00**

(11) **WO 03/038574** (13) A2

(21) PCT/US02/34487

(22) **30 Oct/oct 2002 (30.10.2002)**

(25) en (26) en

(30) 10/043,843 **1 Nov/nov 2001 US (01.11.2001)**

(43) 8 May/mai 2003 (08.05.2003)

(54) • AN APPARATUS AND METHOD FOR UNILATERALLY LOADING A SECURE OPERATING SYSTEM WITHIN A MULTIPROCESSOR ENVIRONMENT

• APPAREIL ET PROCEDE DE CHARGEMENT UNILATERALE D'UN SYSTEME D'EXPLOITATION SECURISE AU SEIN D'UN ENVIRONNEMENT A MULTIPROCESSEUR

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **SMITH, Lawrence, III**; 14995 NW Northumbria, Beaverton, OR 97006 (US).
SUTTON, James, II; 20205 NW Paulina Drive, Portland, OR 97229 (US).
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HALL, Clifford; 6940 Eastside Court, Orangevale, CA 95662 (US).
GLEW, Andrew; 13131 NW Mountainview Road, Portland, OR 97231 (US).
NEIGER, Gilbert; 2424 N.E. 11th Avenue, Portland, OR 97212 (US).
UHLIG, Richard; 1564 NE Orenco Station Parkway W, Hillsboro, OR 97124 (US).
KOZUCH, Michael; 3515 Chapel Hill Court, Export, PA 15632 (US).
GEORGE, Robert; 10612 Chestnut Ridge, Austin, TX 78726 (US).
GRAWROCK, David; 8285 Southwest 184th Avenue, Aloha, OR 97007 (US).
BURGESS, Bradley; 21 Sunset Trail, Austin, TX 78745 (US).

(74) **MALLIE, Michael, J.**; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **G06F 1/00**

(11) **WO 03/038575** (13) A2

(21) PCT/US02/34505

(22) **28 Oct/oct 2002 (28.10.2002)**

(25) en (26) en

(30) 10/014,934 **29 Oct/oct 2001 US (29.10.2001)**

(43) 8 May/mai 2003 (08.05.2003)

- (54) • PORTABILITY AND PRIVACY WITH DATA COMMUNICATIONS NETWORK BROWSING
• PORTABILITE ET CONFIDENTIALITE DANS L'EXPLORATION D'UN RESEAU DE COMMUNICATION DE DONNEES
- (71) SUN MICROSYSTEMS, INC. [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).
- (72) DE JONG, Eduard, K.; 522 S. Fremont, San Mateo, CA 94402 (US). LEVY, Moshe; 1512 Klamath Drive, Sunnyvale, CA 94087 (US). LEUNG, Albert, Y.; 4175 Orin Court, San Jose, CA 95110 (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 1/00
(11) WO 03/038576 (13) A2
(21) PCT/US02/34607
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 10/044,055 1 Nov/nov 2001 US (01.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • MODULE AND CONNECTOR HAVING MULTIPLE CONTACT ROWS
• MODULE ET CONNECTEUR A PLUSIEURS RANGEES DE CONTACTS
- (71) SUN MICROSYSTEMS, INC. [US/US]; 4150 Network Circle, Santa Clara, CA 95054 (US).
- (72) SCHULZ, Jurgen; 3439 Virgil Circle, Pleasanton, CA 94588 (US).
- (74) CONLEY, ROSE & TAYON, P.C.; KIVLIN, B. Noel, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 1/00
(11) WO 03/038577 (13) A2
(21) PCT/US02/34709
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 10/033,373 29 Oct/oct 2001 US (29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • PRIVACY AND IDENTIFICATION IN A DATA COMMUNICATION NETWORK
• CONFIDENTIALITE ET IDENTIFICATION AU SEIN D'UN RESEAU DE COMMUNICATION DE DONNEES
- (71) SUN MICROSYSTEMS, INC. [US/US]; 4120 Network Circle, MS SCA 12-203, Santa Clara, CA 95054 (US).
- (72) DE JONG, Eduard, K.; 522 S. Fremont, San Mateo, CA 94402 (US). LEVY, Moshe; 1512 Klamath Drive, Sunnyvale, CA 94087 (US). LEUNG, Albert, Y.; 4175 Orin Court, San Jose, CA (US).
- (74) RITCHIE, David, B. et al. / etc.; Thelen Reid & Priest LLP, P.O. Box 640640, San Jose, CA 95164-0644 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 1/00
(11) WO 03/038578 (13) A2
(21) PCT/US02/34710
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 10/033,373 29 Oct/oct 2001 US (29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • USER ACCESS CONTROL TO DISTRIBUTED RESOURCES ON A DATA COMMUNICATIONS NETWORK
• CONTROLE D'ACCES UTILISATEUR A DES RESSOURCES REPARTIES SUR UN RESEAU DE TRANSMISSION DE DONNEES
- (71) SUN MICROSYSTEMS, INC. [—/US]; 4120 Network Circle, MS SCA 12-203, Santa Clara, CA 95054 (US).
- (72) DE JONG, Eduard, K.; 522 S. Fremont, San Mateo, CA 94402 (US). LEVY, Moshe; 1512 Klamath Drive, Sunnyvale, CA 94087 (US). LEUNG, Albert, Y.; 4175 Orin Court, San Jose, CA (US).
- (74) RITCHIE, David, B. et al. / etc.; Thelen Reid & Priest, LLP, P.O. Box 640640, San Jose, CA (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 1/00, H04L 29/06
(11) WO 03/038579 (13) A1
(21) PCT/US02/34713
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 10/014,823 29 Oct/oct 2001 US (29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • ENHANCED QUALITY OF IDENTIFICATION IN A DATA COMMUNICATIONS NETWORK
• AMELIORATION DE LA QUALITE D'IDENTIFICATION DANS UN RESEAU DE TRANSMISSION DE DONNEES
- (71) SUN MICROSYSTEMS, INC. [US/US]; 4120 Network Circle, Santa Clara, CA 95054 (US).
- (72) DE JONG, Eduard, K.; 522 S. Fremont, San Mateo, CA 94402 (US). LEVY, Moshe; 1512 Klamath Drive, Sunnyvale, CA 94087 (US). LEUNG, Albert, Y.; 4175 Orin Court, San Jose, CA 95110 (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 1/00
(11) WO 03/038580 (13) A2
(21) PCT/US02/34814
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 10/040,270 29 Oct/oct 2001 US (29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • ENHANCED PRIVACY PROTECTION IN IDENTIFICATION IN A DATA COMMUNICATIONS NETWORK
• PROTECTION DE LA CONFIDENTIALITE RENFORCEE LORS DE L'IDENTIFICATION DANS UN RESEAU DE TRANSMISSION DE DONNEES

- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 4120 Network Circle, Santa Clara, CA 95054 (US).
- (72) **DE JONG, Eduard, K.**; 522 S. Fremont, San Mateo, CA 94402 (US). **LEVY, Moshe**; 1512 Klamath Drive, Sunnyvale, CA 94087 (US). **LEUNG, Albert, Y.**; 4175 Orin Court, San Jose, CA 95110 (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F 1/26, 15/16, 17/30, 17/60**
- (11) **WO 03/038581** (13) A1
- (21) PCT/US02/34819
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) en (26) en
- (30) 10/001,253 **1 Nov/nov 2001** US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • INTELLIGENT HOUSEHOLD NETWORKED APPLIANCES
- APPAREILS MENAGERS INTELLIGENTS EN RESEAU
- (71) **SALTON, INC.** [US/US]; 1955 W. Field Court, Lake Forest, IL 60045 (US).
- (72) **WILLIAMSON, Charles, G.**; 1027 Hickory Hill Drive, Columbia, MO 65202 (US).
- (74) **SIGALE, Jordan, A.** et al. / etc.; Sonnenschein Nath & Rosenthal, P.O. Box 061080, Wacker Drive Station, Sears Tower, Chicago, IL 60606-1080 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 1/28**
- (11) **WO 03/038582** (13) A1
- (21) PCT/US02/34830
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) en (26) en
- (30) 10/003,338 **31 Oct/oct 2001** US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SELECTIVE SUSPENSION OF BUS DEVICES
- SUSPENSION SELECTIVE DE DISPOSITIFS A BUS
- (71) **MICROSOFT CORPORATION** [US/US]; One Microsoft Way, Redmond, WA 98052-6399 (US).
- (72) **SOUZA, Joseph, G.**; 1332 Lake Washington Blvd. South, Seattle, WA 98144 (US). **HOLAN, Doron, J.**; 2714 Fairview Ave., Apt. #102, Seattle, WA 98102 (US). **RAY, Kenneth, D.**; 7479 Old Redmond Road, Redmond, WA 98052 (US).
- (74) **BARTA, James, J., Jr.** et al. / etc.; Senniger, Powers, Leavitt & Roedel, 1 Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 3/00**
- (11) **WO 03/038583** (13) A2
- (21) PCT/EP02/13208
- (22) **25 Oct/oct 2002 (25.10.2002)**
- (25) en (26) en
- (30) 10/001,744 **31 Oct/oct 2001** US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CONTEXT MANAGEMENT SUPER TOOLS AND FILTER/SORT MODEL FOR AGGREGATED DISPLAY WEB-PAGES
- SUPER-OUTILS DE GESTION DE CONTEXTE ET MODELE DE FILTRAGE/TRI POUR PAGES WEB D'AFFICHAGE GLOBAL
- (71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, NY 10504 (US). (for all designated States except / pour tous les États désignés sauf MC)
- (71) **COMPAGNIE IBM FRANCE** [FR/FR]; Tour Descartes, La Défense 5, 2, avenue Gambetta, F-92400 Courbevoie (FR). (only for / seulement pour MC)
- (72) **KELLEY, John, F.**; 35 Bonnie Vu Lane, New Milford, CT 06776 (US). **YUEN, Jason, T.**; 27 Rosewood Court, Princeton Junction, NJ 08550 (US). **HECK, Michael, P.**; 704 W. Elm Street, Carbondale, IL 62901 (US). **GARAY, Matthew, D.**; 3450 Golden Ave., #8, Cincinnati, OH 45226 (US).
- (74) **DE PENA, Alain**; 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 HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 3/00**
- (11) **WO 03/038584** (13) A1
- (21) PCT/US02/34696
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) en (26) en
- (30) 09/984,875 **31 Oct/oct 2001** US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • OBJECT ORIENTED EXPLORER TYPE ENVIRONMENT
- ENVIRONNEMENT DE TYPE EXPLORATEUR ORIENTE OBJET
- (71) **DICTAPHONE CORPORATION** [US/US]; 3191 Broadbridge Avenue, Stratford, CT 06614-2559 (US).
- (72) **CYR, James**; 8 Christopher Lane, Clinton, CT 06413 (US). **LAROSA-GREENE, Channell**; 69 Plankton Street, Bridgeport, CT 06606 (US). **HOLD, Martin**; 1 Treefoil Ct., Fairfield, CT 06432 (US). **KUHNNEN, Regina**; 66 Woodhaven Drive, Trumbull, CT 06611 (US). **MACGINITIE, Andrew**; 98 Mallory Road, Roxbury, CT 06783 (US).
- (74) **BELL, Michael, J.** et al. / etc.; Howrey Simon Arnold & White LLP, 1299 Pennsylvania Avenue, N.W., Washington, DC 20004-2402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ **G06F 3/02, G06K 11/16**
- (11) **WO 03/038585** (13) A2
- (21) PCT/GB02/04896
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) en (26) en
- (30) 0125983.7 **30 Oct/oct 2001** GB (30.10.2001)
- (30) 0125976.1 **30 Oct/oct 2001** GB (30.10.2001)
- (30) 0125978.7 **30 Oct/oct 2001** GB (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)

- (54) • DETECTING A DEGREE OF MANUAL INTERACTION WITH A MANUALLY OPERABLE KEY
- DETECTION D'UN DEGRE D'INTERACTION MANUELLE AVEC UNE TOUCHE ACTIONNABLE MANUELLEMENT
- (71) ELEKSEN LIMITED [GB/GB]; Charter Court, Midland Road, Hemel Hempstead, Hertfordshire HP2 5GE (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SANDBACH, David, Lee [GB/GB]; Flat C, 9 Westbourne Road, London N7 8AR (GB). CATTELL, Andrew, Ronald [GB/GB]; 2 St James Close, Ruscombe, Reading, Berkshire RG10 9LJ (GB). CHAPMAN, Christopher [GB/GB]; 2 Spring Lane, Watlington, Oxon OX9 5QL (GB).
- (74) ATKINSON, Ralph; Atkinson Burrington, 25-29 President Buildings, President Way, Sheffield S4 7UR (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06F 3/023, B41J 5/10

(11) WO 03/038586 (13) A1

(21) PCT/SE02/01972

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 0103600-3 30 Oct/oct 2001 SE (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A PORTABLE DATA INPUT DEVICE AND USE OF SUCH A DEVICE

- DISPOSITIF DE SAISIE DE DONNEES PORTATIF ET UTILISATION DE CE DISPOSITIF

(71) DIGITYPER AB [SE/SE]; Prästgårdsgatan 14, S-172 32 Sundbyberg (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MADSEN, Fredrik [SE/SE]; Pontonjergatan 18, S-112 37 Stockholm (SE). HÖGNELID, Kurt [SE/SE]; Ledungsplan 16, S-168 53 Bromma (SE). ÖQUIST, Tomas [SE/SE]; Dalavägen 12, S-194 68 Upplands Väsby (SE). SCHNÜRER, Magnus [SE/SE]; Stenhammarsvägen 28, S-168 58 Bromma (SE). BÄCKMAN, Jonas [SE/SE]; Sätträängsvägen 96, S-182 37 Danderyd (SE).

(74) BERGLUND, Stefan et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsgatan 58, S-114 50 Stockholm (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F 3/033

(11) WO 03/038587 (13) A2

(21) PCT/DE02/04038

(22) 29 Oct/oct 2002 (29.10.2002)

(25) de (26) de

(30) 201 17 645.9 31 Oct/oct 2001 DE (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CONTROL DEVICE

- DISPOSITIF DE COMMANDE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOLLHÖFER, Wilhelm [DE/DE]; Südring 46, 76761 Rülzheim (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)⁷ G06F 3/033

(11) WO 03/038588 (13) A1

(21) PCT/EP02/11015

(22) 1 Oct/oct 2002 (01.10.2002)

(25) de (26) de

(30) 01126051.0 31 Oct/oct 2001 EP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR THE INPUT OF INFORMATION INTO AN ELECTRONIC DEVICE AND ELECTRONIC DEVICE

- PROCÉDE PERMETTANT D'INTRODUIRE DES DONNEES DANS UN DISPOSITIF ELECTRONIQUE ET DISPOSITIF ELECTRONIQUE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ENGL, Walter [DE/DE]; Am Kellerberg 4, 83620 Feldkirchen-Westerham (DE). ANDERT, Markus [DE/DE]; Schellingstr. 43, 80799 München (DE). KELLER, Roland [CH/DE]; Irnfriedstr. 9, 80639 München (DE). HOLZ AUF DER HEIDE, Bernd [DE/DE]; Pennstr. 67, 81549 München (DE). BLAIMBERGER, Frank [DE/DE]; Lechallee 13 A, 86399 Bobingen (DE). JARCZYK, Alexander [DE/DE]; Tuchinger Str. 58 A, 85356 Freising (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 IE IT LU MC NL PT SE 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 IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)⁷ G06F 3/033, H04M 1/247, G06F 3/16

(11) WO 03/038589 (13) A1

(21) PCT/EP02/11224

(22) 7 Oct/oct 2002 (07.10.2002)

(25) en (26) en

(30) 01309196.2 30 Oct/oct 2001 EP (30.10.2001)

(30) 60/337,470 7 Nov/nov 2001 US (07.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DISPLAY SYSTEM

- SYSTEME D'AFFICHAGE

(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) BJÖRKENGREN, Ulf [SE/SE]; Näktergalsvägen 26, S-237 34 Bjärred (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F 3/033

(11) WO 03/038590 (13) A1

(21) PCT/JP02/11015

(22) 23 Oct/oct 2002 (23.10.2002)

(25) ja (26) ja

(30) 2001/333260 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INFORMATION PROCESSING APPARATUS AND PROGRAM
• APPAREIL ET PROGRAMME DE TRAITEMENT DE L'INFORMATION

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKANO, Masayoshi [JP/JP]; c/o Yamato site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP). KAWANO, Seiichi [JP/JP]; c/o Yamato site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP).

(74) SAKAGUCHI, Hiroshi et al. / etc.; c/o Yamato Site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F 3/033

(11) WO 03/038591 (13) A1

(21) PCT/SE02/01985

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 0103652-4 2 Nov/nov 2001 SE (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INPUT OF CHARACTERS INTO A DIGITAL SYSTEM
• SAISIE DE CARACTERES DANS UN SYSTEME NUMERIQUE

(71) DIGITYPER AB [SE/SE]; Prästgårdsgatan 14, S-172 32 Sundbyberg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MADSEN, Fredrik [SE/SE]; Pontonjergatan 18, S-112 37 Stockholm (SE). HÖGNEID, Kurt [SE/SE]; Ledungsplan 16, S-168 53 Bromma (SE). ÖQUIST, Tomas [SE/SE]; Dalavägen 12, S-194 68 Upplands Väsby (SE). SCHNÜRER, Magnus [SE/SE]; Stenhammarsvägen 28, S-168 58 Bromma (SE). BÄCKMAN, Jonas [SE/SE]; Sätträngsvägen 96, S-182 37 Danderyd (SE).

(74) WIHLSSON, Joakim et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsgatan 58, S-114 50 Stockholm (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F 3/033, G06K 11/08, H04Q 7/32

(11) WO 03/038592 (13) A1

(21) PCT/SE02/02000

(22) 4 Nov/nov 2002 (04.11.2002)

(25) sv (26) en

(30) 0103835-5 2 Nov/nov 2001 SE (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ON A SUBSTRATE FORMED OR RESTING DISPLAY ARRANGEMENT
• SYSTEME D'AFFICHAGE FORME SUR UN SUBSTRAT OU REPOSANT SUR UN SUBSTRAT

(71, 72) GOERTZ, Magnus, George [SE/SE]; Engelbrektsgratan 14, S-114 32 Stockholm (SE).

(74) GROTH & CO KB et al. / etc.; Box 6107, S-102 32 Stockholm (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 3/033, 9/44, 3/00, G06T 15/00, 15/20, 15/70

(11) WO 03/038593 (13) A1

(21) PCT/US02/34720

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/021,648 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR INTERACTING WITH A THREE-DIMENSIONAL GRAPHICAL ENVIRONMENT

• PROCEDE D'INTERACTION AVEC UN ENVIRONNEMENT GRAPHIQUE EN TROIS DIMENSIONS

(71) HEWLETT-PACKARD COMPANY [US/US]; 3000 Hanover Street, M/S 1051, Palo Alto, CA 94304-1112 (US).

(72) CHANG, Nelson, Liang, An; 1663 Alma Street, Palo Alto, CA 94301 (US).

(74) HEMINGER, Susan, E.; Hewlett-Packard Company, IP Administration, P. O. Box 272400, Ft. Collins, CO 80527-2400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 3/12, B41J 3/36

(11) WO 03/038594 (13) A1

(21) PCT/FI02/00849

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 20012123 2 Nov/nov 2001 FI (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PRINTING METHOD AND DEVICE

• PROCEDE ET DISPOSITIF D'IMPRESION

(71, 72) KYTÖ, Eero [FI/FI]; Opiskelijankatu 4, FIN-33720 Tampere (FI). LAINE, Ville [FI/FI]; Insinöörikatu 88 A 7, FIN-33720 Tampere (FI). NYBERG, Timo [FI/FI]; Rauduntie 5A, FIN-02130 Espoo (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 7/00

(11) WO 03/038595 (13) A1

(21) PCT/US02/35001

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/335,972 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF MANAGING FEED AND DIET FOR FARM ANIMALS

• PROCEDE DE GESTION D'ALIMENTATION ET DE REGIME ALIMENTAIRE POUR DES ANIMAUX DE FERME

(71) DIGI-STAR, LLC [—/US]; 790 West Rockwell Avenue, Fort Atkinson, WI 53538 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) DOUCETTE, Timothy, Paul [US/US]; 3007 Palmer Drive #29, Janesville, WI 53546 (US). CODDING, Bernard, Natt [US/US]; 10217 State Highway 26 North, Milton, WI 53563 (US).

(74) KEES, Nicholas et al. / etc.; Godfrey & Kahn, S.C., 780 North Water Street, Milwaukee, WI 53232 (US).

(81) CA MX US.

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CA MX

(t) for the following designations / pour les désignations suivantes : CA MX

(u) for / pour US only / seulement

(51)⁷ G06F 7/00

(11) WO 03/038596 (13) A1

(21) PCT/US02/35082

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/330,842 1 Nov/nov 2001 US (01.11.2001)

(30) 60/365,169 19 Mar/mar 2002 US (19.03.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HIGH SPEED NON-CONCURRENCY CONTROLLED DATABASE

• CONSULTATION DE BASES DE DONNEES A GRANDE VITESSE SANS CONTROLE DE CONCURRENCE

(71) VERISIGN, INC. [US/US]; 487 E. Middlefield Road, Mountain View, CA 94043 (US).

(72) BALOGH, Aristotle, Nicholas; 2779 Marshall Lake Drive, Oakton, VA 22124 (US).

(74) TREIBER, Adam, M. et al. / etc.; Kenyon & Kenyon, 1500 K Street, N.W., Suite 700, Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F 7/60, 7/10, 9/45, 9/455

(11) WO 03/038597 (13) A1

(21) PCT/US02/34865

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 09/984,977 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INTEGRATED BUSINESS PROCESS MODELING ENVIRONMENT AND MODELS CREATED THEREBY

• ENVIRONNEMENT DE MODELISATION INTEGREE POUR PROCESUS OPERATIONNELS ET MODELES QU'IL PERMET DE CREER

(71) VITRIA TECHNOLOGY, INC. [US/US]; 945 Stewart Drive, Sunnyvale, CA 94085-3913 (US).

(72) BUDHIRAJA, Navin; 34348 Platinum Terrace, Fremont, CA 94555 (US). SKEEN, Marion, Dale; 292 Valparaiso Avenue, Atherton, CA 94027 (US). WANG, Haiying; 1152 Greenwood Avenue, Palo Alto, CA 94301 (US). RUBIN, Elisa, Jill; 1524 San Antonio, #10, Menlo Park, CA 94025 (US). BANERJEE, Deb; 605 North Garland Terrace, Sunnyvale, CA 94086 (US).

(74) KAUFMAN, Marc, S. et al. / etc.; Nixon Peabody LLP, 8180 Greensboro Drive, Suite 800, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 7/72

(11) WO 03/038598 (13) A1

(21) PCT/GB02/04939

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en

(26) en

(30) 0126317.7 2 Nov/nov 2001 GB (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • IMPROVEMENTS IN AND RELATING TO CRYPTOGRAPHIC METHODS AND APPARATUS IN WHICH AN EXPONENTIATION IS USED

• AMELIORATIONS APPORTEES A DES METHODES CRYPTOGRAPHIQUES ET APPAREIL FAISANT APPEL A UNE EXPONENTIATION

(71) COMODO RESEARCH LAB LIMITED [GB/GB]; 10 Hey Street, Bradford, West Yorkshire BD7 1DQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WALTER, Colin [GB/GB]; 10 Hey Street, Bradford, West Yorkshire BD7 1DQ (GB).

(74) NEILL, Alastair et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 9/00

(11) WO 03/038599 (13) A2

(21) PCT/IB02/04073

(22) 3 Oct/oct 2002 (03.10.2002)

(25) en (26) en

(30) 01204139.8 30 Oct/oct 2001 EP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR CONSTRUCTING DISTRIBUTED SOFTWARE COMPONENTS

• PROCEDE D'ELABORATION DE COMPOSANTES LOGICIELLES REPARTIES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) JONKERS, Henricus, B., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G06F 9/00, 15/16

(11) WO 03/038600 (13) A1

(21) PCT/US02/14404

(22) 6 May/mai 2002 (06.05.2002)

(25) en (26) en

(30) 10/055,404 **26 Oct/oct 2001** US
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPLICATION PROGRAM INTERFACE FOR OPTIMIZATION INTEGRATION MODEL

• INTERFACE DE PROGRAMME D'APPLICATION POUR MODELE D'INTEGRATION D'OPTIMISATION

(71) METILINX [US/US]; 999 Baker Way, Suite 410, San Mateo, CA 94404 (US).

(72) COLLAZO, Carlos, M.; 580 Harbor Colony Court, Redwood Shores, CA 94065 (US).

(74) KULAS, Charles, J. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 9/315, 9/308

(11) WO 03/038601 (13) A1

(21) PCT/US02/34404

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 09/952,891 **29 Oct/oct 2001** US
(29.10.2001)

(30) 10/280,612 **25 Oct/oct 2002** US
(25.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR PARALLEL SHIFT RIGHT MERGE OF DATA

• PROCEDE DE FUSION PARALLELE GAUCHE-DROITE DE DONNEES ET DISPOSITIF A CET EFFET

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) SEBOT, Julien; 2323 NW 188th Street, Apt. 1322, Hillsboro, OR 97124 (US). MACY, William, Jr.; 151 Melville Avenue, Palo Alto, CA 94301 (US). DEBES, Eric; 1365 Lexington Street, Santa Clara, CA 95054 (US). NGUYEN, Huy; 16909 Isle Of Man Road, Pflugerville, TX 78660 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely Sokoloff Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 9/40

(11) WO 03/038602 (13) A2

(21) PCT/CA02/01636

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 2,360,712 **31 Oct/oct 2001** CA
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR THE DATA-DRIVEN SYNCHRONOUS PARALLEL PROCESSING OF DIGITAL DATA

• PROCEDE ET APPAREIL POUR LE TRAITEMENT PARALLELE SYNCHRONISE DIRIGE VERS DES DONNEES DE DONNEES NUMERIQUES

(71) LEITCH TECHNOLOGY INTERNATIONAL INC. [CA/CA]; 150 Ferrand Drive, Suite 700, North York, Ontario M3C 3E5 (CA).

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(72, 75) GUDMUNSON, Daniel [CA/CA]; 200 Jelley Avenue, Newmarket, Ontario L3X 1S6 (CA). KROUGLOV, Alexei [CA/CA]; 96 Caboto Trail, Markham, Ontario L3R 4X1 (CA). COLEMAN, Robert [CA/CA]; 120 Treegrove Circle, Aurora, Ontario L4G 6L9 (CA).

(74) EISEN, Mark, B. et al. / etc.; Dimock Stratton Clarizio LLP, 20 Queen St. W., Suite 3202, Box 102, Toronto, Ontario M5H 3R3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 9/40

(11) WO 03/038603 (13) A2

(21) PCT/US02/34551

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 09/999,894 **31 Oct/oct 2001** US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS AND APPARATUSES FOR HANDLING SINGLE-USER APPLICATIONS IN MULTI-USER COMPUTING ENVIRONMENTS

• PROCEDES ET APPAREILS DE TRAITEMENT D'APPLICATIONS DANS UN ENVIRONNEMENT A UN OU PLUSIEURS UTILISATEURS

(71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052-6399 (US).

(72) EVANS, Christopher, A.; 2828 206th Ter NE, Sammamish, WA 98074 (US). SIERRA, Giampiero, M.; Apartment 406, 2815 Boylston Avenue E., Seattle, WA 98012 (US). REASOR, Sterling, M.; 6238 119th PI SE, Bellevue, WA 98006 (US). YERRACE, Frank, D.; 19092 229th Avenue NE, Woodinville, WA 98072 (US). TAN, Victor; P.O. Box 364, Kirkland, WA 98072 (US). AMADIO, Louis; 6302 327th Terrace Se., Issaquah, WA 98029 (US). ROLLIN, Kelly, E.; 4312 53rd Avenue NE, Seattle, WA 98105 (US).

(74) JOLLY, Thomas, A. et al. / etc.; Suite 500, 421 W. Riverside Avenue, Spokane, WA 99201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F 9/44

(11) WO 03/038604 (13) A1

(21) PCT/DE02/03934

(22) 17 Oct/oct 2002 (17.10.2002)

(25) de (26) de

(30) 101 52 345.9 **24 Oct/oct 2001** DE
(24.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CONTROL PARAMETERIZATION METHOD AND DEVICE

• PROCEDE ET DISPOSITIF DE PARAMETRAGE D'UN DISPOSITIF DE COMMANDE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) DIETZE, Heiko [DE/DE]; Hofer Str. 57, 04317 Leipzig (DE). RUPF, Stephan [DE/DE]; Obere Dorfstr. 17, 09236 Claussnitz (DE). WEINLÄNDER, Markus [DE/DE]; Grabenstrasse 6, 91230 Hap-purg (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(30) 09/984,978 **31 Oct/oct 2001** US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF DEPLOYMENT FOR CONCURRENT EXECUTION OF MULTIPLE VERSIONS OF AN INTEGRATION MODEL ON AN INTEGRATION SERVER

• PROCEDE DE DEPLOIEMENT D'EXECUTION CONCURRENTE DE VERSIONS MULTIPLES D'UN MODELE D'INTEGRATION SUR UN SERVEUR D'INTEGRATION

(71) VITRIA TECHNOLOGY, INC. [US/US]; 945 Stewart Drive, Sunnyvale, CA 94085-3913 (US).

(72) BUDHIRAJA, Navin; 34348 Platinum Terrace, Fremont, CA 94555 (US). COLE, Gregory, M.; 2240 Wallace Avenue, Aptos, CA 95003 (US).

(74) KAUFMAN, Marc, S.; Nixon Peabody LLP, 8180 Greensboro Drive, Suite 800, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 9/445

(11) WO 03/038610 (13) A1

(21) PCT/FR02/03599

(22) 21 Oct/oct 2002 (21.10.2002)

(25) fr (26) fr

(30) 01/14187 **31 Oct/oct 2001** FR
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INSTALLATION OF A COMPILED PROGRAM, PARTICULARLY IN A CHIP CARD

• INSTALLATION DE PROGRAMME COMPILE NOTAMMENT DANS UNE CARTE A PUCE

(71) GEMPLUS [FR/FR]; Avenue du Pic de Bertagne, Parc d'Activités de Gemenos, F-13420 Gemenos (FR).

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(72, 75) BURDY, Lillian [FR/FR]; 6 domaine de Cabri, Palette, F-13100 Le Tholonet (FR). CASSET, Ludovic [FR/FR]; 21 rue Dragon, F-13006 Marseille (FR). DEVILLE, Damien [FR/FR]; 34 rue Voltaire, F-58900 Lille (FR). REQUET, Antoine [FR/FR]; 30 avenue de Toulon, F-13006 Marseille (FR).

(74) BRUN, Philippe; Gemplus, Service brevets, BP 100, F-13881 Gemenos Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 9/445

(11) WO 03/038611 (13) A1

(21) PCT/US02/26646

(22) 20 Aug/août 2002 (20.08.2002)

(25) en (26) en

(30) 09/953,414 **14 Sep/sep 2001** US
(14.09.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR HARDWARE /FIRMWARE TRAP

• PROCEDE ET APPAREIL D'ENTREE DE SERVICE DANS UN MICROLOGICIEL/MATERIEL

(71) MEDTRONIC, INC. [US/US]; LC 340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(72) SPLETT, Vincent, E.; 7905 Lower 139th Court West, Apple valley, MN 55124 (US). SCHU, Carl, A.; 4505 Terrace View Lane, Plymouth, MN 55446 (US). HAERLE, Mark, L.; 7433 West 104th Street, Bloomington, MN 55438 (US). HUELSKAMP, Paul, J.; 1554 North Albert Street, St. Paul, MN 55108 (US).

(74) WOLDE-MICHAEL, Girma et al. / etc.; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5601 (US).

(81) CA JP

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G06F 9/45

(11) WO 03/038612 (13) A2

(21) PCT/DE02/03918

(22) 16 Oct/oct 2002 (16.10.2002)

(25) de (26) de

(30) 101 52 729.2 **25 Oct/oct 2001** DE
(25.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR OPERATING A COMPUTER SYSTEM

• PROCEDE POUR EXPLOITER UN SYSTEME INFORMATIQUE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AMRHEIN, Armin [DE/DE]; Dresdnerstrasse 16, 92245 Kümmersbruck (DE). GÖBEL, Klaus [DE/DE]; Bergstrasse 39, 76646 Bruchsal (DE). GÖDDEMEIER, Ulrich [DE/DE]; Roonstrasse 13, 76137 Karlsruhe (DE). JANY, Bernhard [DE/DE]; Langackerleinsweg 16, 90530 Wendelstein (DE). KUSKE, Werner [DE/DE];

Kniebisstrasse 4, 75305 Neuenburg (DE). OPATERNY, Thilo [DE/DE]; Ortliebstrasse 29, 90453 Nürnberg (DE). PRECHTL, Manfred [DE/DE]; Schwarzacherstrasse 40, 92507 Nabburg (DE). RUPPRECHT, Georg [DE/DE]; Fritz-v.-Roeth-Strasse 31, 90409 Nürnberg (DE). SCHULZ, Dietmar [DE/DE]; Amselschlag 7B, 90574 Rosstal (DE). TRAPP, Lothar [DE/DE]; Ulmenstrasse 73, 90537 Feucht (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)⁷ G06F 9/455, 17/50, G01R 31/28

(11) WO 03/038613 (13) A1

(21) PCT/US02/34690

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/001,070 **30 Oct/oct 2001** US
(30.10.2001)

(30) 10/003,184 **30 Oct/oct 2001** US
(30.10.2001)

(30) 10/003,951 **30 Oct/oct 2001** US
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • EMULATING COMPONENTS AND SYSTEM INCLUDING DISTRIBUTED EMULATION METHODS

• COMPOSANTS D'EMULATION, ET SYSTEME REPOSANT SUR DES PROCEDES D'EMULATION DE TYPE REPARTI

(71) MENTOR GRAPHICS CORPORATION [US/US]; 8005 SW Boeckman Road, Wilsonville, OR 97070-7777 (US).

(72) REBLEWSKI, Frederic; Batiment Azur, 4, rue Rene Razel, F-91400 Saclay (FR).

(74) ACKERMAN, Julie, et al. / etc.; Banner & Witcoff, Ltd., 1001 G Street, NW, 11th floor, Washington, DC 20001-4597 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

- (51)⁷ G06F 9/46
(11) WO 03/038614 (13) A2
(21) PCT/IB02/04095
(22) 4 Oct/oct 2002 (04.10.2002)
(25) en (26) en
(30) 01204140.6 30 Oct/oct 2001 EP
(30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND SYSTEM FOR GUARANTEERING SEQUENTIAL CONSISTENCY IN DISTRIBUTED COMPUTATIONS
• PROCEDE ET SYSTEME PERMETTANT DE GARANTIR LA CONSISTANCE SEQUENTIELLE DANS DES CALCULS REPARTIS
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) JONKERS, Henricus, B., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ G06F 9/46
(11) WO 03/038615 (13) A2
(21) PCT/US02/34403
(22) 28 Oct/oct 2002 (28.10.2002)
(25) en (26) en
(30) 10/032,660 29 Oct/oct 2001 US
(29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • SYSTEM AND METHOD FOR COMMUNICATING USING A FRAMEWORK
• SYSTEME ET PROCEDE DE COMMUNICATION UTILISANT UNE STRUCTURE
- (71) ELECTRONIC DATA SYSTEMS CORPORATION [US/US]; 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).
- (72) HANSES, Philip, C.; 1626 Cahill Drive, East Lansing, MI 48823 (US). WOYAK, Scott, W.; 3776 Mark Drive, Troy, MI 38083 (US). LUNDBERG, Steven, J.; 134 Midland Blvd., Royal Oak, MI 48073 (US). MATHER, Andrew, W.; 40752 Kraft Drive, Sterling Height, MI 48310 (US). VAN EEUWEN, Jeffrey, A.; 29638 Briarton, Farmington Hills, MI 48331 (US). JACKSON, Philip, C., Jr.; 1627 Charlevois Drive, Troy, MI 48084 (US).
- (74) LINEBERRY, Allen, Scott; EDS, 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 11/00
(11) WO 03/038617 (13) A2
(21) PCT/EP02/12029
(22) 28 Oct/oct 2002 (28.10.2002)
(25) de (26) de
(30) 01126134.4 2 Nov/nov 2001 EP
(02.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (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 IE IT LU 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 G06F 9/46
(11) WO 03/038616 (13) A2
(21) PCT/US02/34444
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 10/001,074 31 Oct/oct 2001 US
(31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • A METHOD AND SYSTEM FOR OFFLOADING EXECUTION AND RESOURCES FOR RESOURCE-CONSTRAINED NETWORKED DEVICES
• PROCEDE ET SYSTEME D'EXECUTION DE TELECHARGEMENT ET RESSOURCES POUR DISPOSITIFS EN RESEAU A RESSOURCES LIMITEES
- (71) HEWLETT-PACKARD COMPANY [US/US]; Legal Department, 3000 Hanover Street, M/S 1051, Palo Alto, CA 94304-1112 (US).
- (72) MESSER, Alan; 1055 Manet Drive #26, Sunnyvale, CA 94087 (US). GREENBERG, Ira; 1555 W Middlefield Road, #29, Mountain View, CA 94043 (US). MILOJICIC, Dejan; 3989 La Donna Avenue, Palo Alto, CA 94306 (US). BERNADAT, Philippe; 10 Rue de la Suze, F-38760 Varcès (FR). FU, Guangrui; 3580 South Court, Palo Alto, CA 94306 (US).
- (74) LEE, Denise A.; Hewlett-Packard Company, IP Administration, P O Box 272400, Fort Collins, CO 80527-2400 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51) • ELECTRONIC COMPONENT WITH OUTPUT BUFFER CONTROL
• COMPOSANT ELECTRONIQUE DOTE D'UNE COMMANDE DE TAMPON DE SORTIE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GHAMESHLU, Majid [AT/AT]; Kopalgasse 40/10, A-1110 Wien (AT). KRAUSE, Karlheinz [DE/DE]; Rudolfstr. 92, 82152 Planegg (DE). TAUCHER, Herbert [AT/AT]; Wiener Str. 9/5, A-2340 Mödling (AT).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(u) for / pour US only / seulement
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- (51)⁷ G06F 11/00, G05B 17/00
(11) WO 03/038618 (13) A1
(21) PCT/SE02/01960
(22) 29 Oct/oct 2002 (29.10.2002)
(25) en (26) en
(30) 0103594-8 29 Oct/oct 2001 SE
(29.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • A METHOD, AN APPARATUS AND A COMPUTER PROGRAM PRODUCT FOR MANAGING HIERARCHICAL STRUCTURES
• PROCEDE, DISPOSITIF ET PROLOGiciel PERMETTANT LA GESTION DE STRUCTURES HIERARCHIQUES
- (71) GOALART AB [SE/SE]; Tunavägen 39 C, S-223 63 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LARSSON, Jan, Eric [SE/SE]; Norra Promenaden 3 C, S-222 40 Lund (SE). DAHLSTRAND, Fredrik [SE/SE]; Snorres väg 156, S-224 74 Lund (SE). ÖHMAN,

- Bengt** [SE/SE]; Kollegievägen 95, S-224 73 Lund (SE).
- (74) **DANFELTER, Maria** et al. / etc.; c/o Al-bihns Malmö AB, P.O. Box 4289, S-203 14 Malmö (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ **G06F 11/00, 15/173**
- (11) **WO 03/038619** (13) A1
- (21) PCT/US02/35097
- (22) **1 Nov/nov 2002 (01.11.2002)**
- (25) en (26) en
- (30) 10/034,919 **1 Nov/nov 2001 US (01.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR ARBITRATING TRANSACTIONS BETWEEN DOMAINS IN A COMPUTER SYSTEM
- PROCEDE ET APPAREIL D'ARBITRAGE DE TRANSACTIONS ENTRE DES DOMAINES DANS UN SYSTEME INFORMATIQUE
- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 4150 Network Circle, Santa Clara, CA 95054 (US).
- (72) **PHELPS, Andrew, E.**; 1811 Autumn Place, Encinitas, CA 92024 (US). **VAN WORMER, Thomas, P.**; 4801 Glenhaven Drive, Ocean-side, CA 92056 (US). **RIDDLE, Gary, L.**; 14143 Halper Road, Poway, CA 92064 (US).
- (74) **KIVLIN, B. Noel**; Conley, Rose & Tayon, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 **G06F 11/00**
- (11) **WO 03/038620** (13) A2
- (21) PCT/FR02/03758
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) fr (26) fr
-
- (30) 01/14231 **2 Nov/nov 2001 FR (02.11.2001)**
- (30) 02/08626 **9 Jul/juillet 2002 (09.07.2002)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DATA STORAGE METHOD WITH ERROR CORRECTION
- PROCEDE DE MEMORISATION DE DONNEES AVEC CORRECTION D'ERREUR
- (71) **IROC TECHNOLOGIES** [FR/FR]; 5, place Robert Schuman, F-38000 Grenoble (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NICOLAIDIS, Michaël** [FR/FR]; 15 bis, rue du Vercors, F-38120 Saint Egrève (FR).
- (74) **DE BEAUMONT, Michel**; 1, rue Champollion, F-38000 Grenoble (FR).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ **G06F 11/30, 12/14, 15/16, 15/173, H04L 9/00, 9/32**
- (11) **WO 03/038621** (13) A1
- (21) PCT/US02/16312
- (22) **20 May/mai 2002 (20.05.2002)**
- (25) en (26) en
- (30) 10/001,349 **31 Oct/oct 2001 US (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • REVERSE FIREWALL PACKET TRANSMISSION CONTROL SYSTEM
- SYSTEME DE COMMANDE DE TRANSMISSION DE PAQUETS A PARE-FEU INVERSE
- (71) **COMPUTING SERVICES SUPPORT SOLUTIONS, INC.** [US/US]; 5777 West Olympic Boulevard, Suite 1185, Los Angeles, CA 90230 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **COHEN, Donald, N.** [US/US]; 2815 Haddington Drive, Los Angeles, CA 90064 (US).
- (74) **BELASCO, David, A.**; Belasco Jacobs & Townsley, LLP, Suite 330, 100 Corporate Pointe, Culver City, CA 90230 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 11/30**
- (11) **WO 03/038622** (13) A1
- (21) PCT/US02/33793
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- (22) **21 Oct/oct 2002 (21.10.2002)**
- (25) en (26) en
- (30) 10/021,454 **29 Oct/oct 2001 US (29.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MONITORING SYSTEM FOR A CORPORATE NETWORK
- SYSTEME DE SURVEILLANCE POUR UN RESEAU EN PARALLELE
- (71) **PITNEY BOWES INC.** [US/US]; 1 Elm-croft Road, Stamford, CT 06926 (US).
- (72) **CAMPAGNA, Matthew, J.**; 23 Langstroth Drive, Trumbull, CT 06877 (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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for all designations / pour toutes les désignations
-
- (51)⁷ **G06F 12/00**
- (11) **WO 03/038623** (13) A2
- (21) PCT/DE02/03022
- (22) **19 Aug/août 2002 (19.08.2002)**
- (25) de (26) de
- (30) 101 51 733.5 **19 Oct/oct 2001 DE (19.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PROCESSOR-MEMORY SYSTEM
- SYSTEME MEMOIRE-PROCESSEUR
- (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) **POTT, Rüdiger** [DE/DE]; Niederfeldstr. 14, 46535 Dinslaken (DE).
- (74) **LAMBSDORFF, Matthias**; Dingolfinger Strasse 6, 81673 München (DE).
- (81) CN JP US.
- (84) EP (DE DK FI FR GB IT SE).
-
- (51)⁷ **G06F 12/00**
- (11) **WO 03/038624** (13) A1
- (21) PCT/JP01/09635
- (22) **2 Nov/nov 2001 (02.11.2001)**
- (25) ja (26) ja
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DATA COPYING SYSTEM AND DATA COPYING METHOD

- SYSTEME ET PROCEDE DE COPIE DE DONNEES
- (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) ONO, Miyuki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SHINKAI, Yoshitake [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) ISHIDO, Hisako et al. / etc.; Nos. 317&318, Sanno Urban Life, 1-8, Sanno 2-chome, Ota-ku, Tokyo 143-0023 (JP).
- (81) JP US.
-
- (51)⁷ G06F 12/00, 12/14, 13/00, 15/173, G11C 15/00, H04L 12/56, 12/28
- (11) WO 03/038625 (13) A1
- (21) PCT/US02/28827
- (22) 10 Sep/sep 2002 (10.09.2002)
- (25) en (26) en
- (30) 10/000,158 31 Oct/oct 2001 US (31.10.2001)
- (30) 10/077,829 15 Feb/fév 2002 US (15.02.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • BIT LEVEL PROGRAMMING INTERFACE IN A CONTENT ADDRESSABLE MEMORY
- INTERFACE DE PROGRAMMATION DU NIVEAU DE BIT DANS UNE MEMOIRE ASSOCIATIVE
- (71) NETLOGIC MICROSYSTEMS, INC. [US/US]; 450 National Avenue, Mountain View, CA 94043 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KHANNA, Sandeep [US/US]; 2311 Regina Court, Santa Clara, CA 95054 (US). MADAMALA, Ramagopal, R. [IN/US]; 4100 Weeks Park Lane, #120-1, Wichita Falls, TX 76308 (US). PERIERA, Jose Pio [IN/US]; 10235 Vicksburg Drive, Cupertino, CA 95014 (US). RATHNAVELU, Sunder Raj [IN/US]; 46 Stevenson Drive, Marlboro, New Jersey 07746 (US). JANKOV, Ronald, S. [US/US]; 35 Stillcreek Road, Woodside, CA 94062 (US).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F 12/08
- (11) WO 03/038626 (13) A2
- (21) PCT/US02/34774
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 10/021,492 30 Oct/oct 2001 US (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • RECONFIGURABLE CACHE
- MEMOIRE CACHE RECONFIGURABLE
- (71) SUN MICROSYSTEMS, INC. [US/US]; 4150 Network Circle, Santa Clara, CA 95054 (US).
- (72) PAULRAJ, Dominic; 900 Henderson Avenue, #8A, Sunnyvale, CA 94086 (US).
- (74) ROSENTHAL, Alan, D. et al. / etc.; Rosenthal & Osha L.L.P., 1221 McKinney, Suite 2800, Houston, TX 77010 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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
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- (21) PCT/JP02/11275
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- (30) 2001-335650 31 Oct/oct 2001 JP (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • COMMUNICATION METHOD, DATA PROCESSING APPARATUS, AND PROGRAM
- PROCEDE DE COMMUNICATION, APPAREIL DE TRAITEMENT DE DONNEES ET PROGRAMME CORRESPONDANT
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
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- (72, 75) SUEYOSHI, Masahiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KUBONO, Fumio [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TATENO, Kei [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) CN SG US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (43) 8 May/mai 2003 (08.05.2003)
- (54) • APPARATUS AND METHOD FOR A DISTRIBUTED RAID
- DISPOSITIF ET PROCEDE RAID REPARTI
- (71) EXANET CO. [US/US]; 15th Floor, 410 Park Avenue, New York, NY 10222 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PELEG, Nir [IL/IL]; 24 Ha'anafa Street, 70300 Beer Yaccov (IL).
- (74) MEXIC, Darryl et al. / etc.; Sughrue Mion, PLLC, 2100 Pennsylvania Ave., N.W., Suite 800, Washington, DC 20037-3213 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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, 3/00
- (11) WO 03/038629 (13) A1
- (21) PCT/JP02/11167
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) ja (26) ja
- (30) 2001-336535 1 Nov/nov 2001 JP (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • COMMUNICATION SYSTEM AND METHOD, INFORMATION PROCESSING TERMINAL AND METHOD, AND INFORMATION PROCESSING APPARATUS AND METHOD
- SYSTEME ET PROCEDE DE COMMUNICATION, TERMINAL ET PROCEDE DE TRAITEMENT D'INFORMATIONS ET APPAREIL ET PROCEDE DE TRAITEMENT D'INFORMATIONS
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) **AYATSUKA, Yuji** [JP/JP]; c/o SONY COMPUTER SCIENCE LABORATORY INC., 3-14-13, Higashi-Gotanda, Shinagawa-ku, Tokyo 141-0022 (JP).

(74) **INAMOTO, Yoshio**; 711 Building 4F, 11-18, Nishi-Shinjuku 7-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 IE IT LU MC NL PT SE SK TR).

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(51)⁷ G06F 13/00

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(25) ja (26) ja

(30) 2001-333318 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ELECTRONIC DEVICE MONITORING METHOD, ELECTRONIC DEVICE, COMPUTER, AND PROGRAM THEREOF

• PROCEDE DE CONTROLE D'UN DISPOSITIF ELECTRONIQUE, DISPOSITIF ELECTRONIQUE, ORDINATEUR, ET PROGRAMME ASSOCIE

(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) **IKEDA, Tatsuya** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **SATO, Takahisa**; SOHSHIN INTERNATIONAL PATENT OFFICE, 4F, Miyaki Bldg., 4-2, Yanagibashi 2-chome, Taito-ku, Tokyo 111-0052 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G06F 13/00, G09G 5/00, G06F 17/00, H04N 7/025

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(22) 29 Oct/oct 2002 (29.10.2002)

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(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEM AND METHOD FOR AUTOMATED ACCESS OF A NETWORK PAGE

• SYSTEME ET PROCEDE POUR L'ACCES AUTOMATIQUE A UNE PAGE DE RESEAU

(71) **HEWLETT-PACKARD COMPANY** [US/US]; 3000 Hanover Street, Palo Alto, CA 94304-1112 (US).

(72) **SU, Jason, T.**; 2515 NW Pendleton Place, Corvallis, OR 97330 (US).

(74) **LIMON, Jeff, D.**; 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 13/00

(11) WO 03/038632 (13) A1

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(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS OF MANAGING DATA OVER A NETWORKED SYSTEM OF COMPUTERS

• PROCEDES DE GESTION DE DONNEES SUR UN SYSTEME INFORMATIQUE RESEAUTE

(71, 72) **GEORGE, Nancy, Fox** [US/US]; 2 Southerly Court, #603, Towson, MD 21286 (US).

(74) **ARPIN, James, B.**; Baker & Botts, LLP, The Warner, 1299 Pennsylvania Avenue, NW, Washington, DC 20004-2400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 13/00

(11) WO 03/038633 (13) A1

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(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEM, METHOD, AND DATA STRUCTURE FOR MULTIMEDIA COMMUNICATIONS

• SYSTEME, PROCEDE ET STRUCTURE DE DONNEES POUR COMMUNICATIONS MULTIMEDIA

(71) **MEDIANET SYSTEMS INTERNATIONAL, INC.** [US/US]; 20010 Century Blvd., Floor 3, Germantown, MD 20874 (US).

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(72, 75) **GAO, Henry** [US/US]; 9826 Bald Cypress Dr., Rockville, MD 20850 (US).

(74) **LAURIE, Ronald, S.** et al. / etc.; Skadden, Arps, Slate, Meagher & Flom LLP, 525 University Avenue, Palo Alto, CA 94301 (US).

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(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 15/00, 13/00, 12/00

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(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR CONDUCTING COLLABORATION BETWEEN COMPUTERS ON NETWORK, SYSTEM, AND COMPUTER PROGRAM

• PROCEDE DE COLLABORATION ENTRE ORDINATEURS SUR UN RESEAU, SYSTEME ET PROGRAMME INFORMATIQUE

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; Armonk, NY 10504 (US).

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(72, 75) **SAKAGUCHI, Akira** [JP/JP]; c/o Yamato site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP). **YOSHIDA, Yoichi** [JP/JP]; c/o Yamato site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP). **NAKAMURA, Kohichi** [JP/JP]; c/o Yamato site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP). **KAWASE, Satoshi** [JP/JP]; c/o Yamato site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP).

(74) **SAKAGUCHI, Hiroshi** et al. / etc.; Yamato Site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

- RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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(22) 28 Oct/oct 2002 (28.10.2002)
(25) ja (26) ja
(30) 2001-336619 1 Nov/nov 2001 JP
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(43) 8 May/mai 2003 (08.05.2003)
- (54) • COMMUNICATION SYSTEM AND
METHOD, INFORMATION PROCESS-
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INFORMATION PROCESSING APPA-
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• SYSTEME ET PROCEDE DE COMMU-
NICATION, PROCEDE ET TERMINAL
DE TRAITEMENT D'INFORMATION,
ET APPAREIL ET PROCEDE DE TRAI-
TEMENT D'INFORMATION
- (71) SONY CORPORATION [JP/JP]; 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
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*(for all designated States except / pour tous
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- (72, 75) AYATSUKA, Yuji [JP/JP]; c/o SONY
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- (74) INAMOTO, Yoshio; 711 Building 4F,
11-18, Nishi-Shinjuku 7-chome, Shin-
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FR GB GR IE IT LU MC NL PT SE SK TR).
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- (54) • MULTIMEDIA INSTANT COMMUNI-
CATION SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE COMMU-
NICATION INSTANTANEE DE MULTI-
MEDIAS
- (71) FOLLOWAP INC. [US/US]; 2124 Broad-
way PMB 101, New York, NY 10023 (US).
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- (72, 75) VOLACH, Dotan [IL/IL]; 47 Ester Ra-
bin Street, 34987 Haifa (IL).
- (74) PEARL, Zeev et al. / etc.; Eitan, Pearl,
Latzer & Cohen-Zedek, 2 Gav Yam Center, 7
Shenkar Street, 46725 Herzlia (IL).
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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 VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
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- (51)⁷ G06F 15/16, 17/30
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(22) 3 Oct/oct 2002 (03.10.2002)
(25) en (26) en
(30) 10/032,951 26 Oct/oct 2001 US
(26.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • SYSTEM AND METHOD FOR PROVID-
ING A PUSH OF BACKGROUND DATA
• SYSTEME ET PROCEDE DE DIFFU-
SION CIBLEE DE TYPE «PUSH» DE
DONNEES D'ARRIERE PLAN
- (71) IBIQUITY DIGITAL CORPORATION
[US/US]; 20 Independence Boulevard, War-
ren, NJ 07059 (US).
- (72) SYED, Majid; 97 York Drive, Princeton, NJ
08540 (US).
- (74) HARPER, Blaney et al. / etc.; Jones, Day,
Reavis & Pogue, 51 Louisiana Avenue, N.W.,
Washington, DC 20001 (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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT 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 03/038638 (13) A1
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(22) 3 Oct/oct 2002 (03.10.2002)
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(26.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
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METHOD FOR NATIONAL AND LO-
CAL CONTENT DISTRIBUTION
• SYSTEME ET PROCEDE D'ARBI-
TRAGE POUR UNE DISTRIBUTION
DE CONTENU LOCALE ET NATIONALE
- (71) IBIQUITY DIGITAL CORPORATION
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ren, NJ 07059 (US).
- (72) SYED, Majid; 97 York Drive, Princeton, NJ
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- (74) HARPER, Blaney; Jones, Day, Reavis &
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ton, DC 20001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT 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 03/038639 (13) A2
(21) PCT/US02/32445
(22) 10 Oct/oct 2002 (10.10.2002)
(25) en (26) en
(30) 10/020,646 30 Oct/oct 2001 US
(30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • INFORMATION GATEWAY MANAGER
FOR MULTIPLE DEVICES
• GESTIONNAIRE DE PASSERELLE
D'INFORMATION POUR DES DISPO-
SITIFS MULTIPLES
- (71) BELL SOUTH INTELLECTUAL PROP-
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19801 (US).
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Avenue #12, Atlanta, GA 30306-4350 (US).
- (74) ROCCI, Steven, J. et al. / etc.; Woodcock
Washburn LLP, 46th floor, One Liberty Place,
Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE

- DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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, 15/163**
- (11) **WO 03/038640** (13) A1
- (21) PCT/US02/34510
- (22) **28 Oct/oct 2002 (28.10.2002)**
- (25) en (26) en
- (30) 10/015,816 **1 Nov/nov 2001** US
(01.11.2001)
- (30) 60/331,565 **16 Nov/nov 2001** US
(16.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND SYSTEM OF FACILITATING AUTOMATIC LOGIN TO A WEB SITE USING AN INTERNET BROWSER
- PROCEDE ET SYSTEME FACILITANT L'ACCES AUTOMATIQUE A UN SITE DU WEB A L'AIDE D'UN NAVIGATEUR INTERNET
- (71) **YAHOO! INC.** [US/US]; 701 First Avenue, Sunnyvale, CA 94089 (US).
- (72) **LU, Qi**; 20847 Russell Lane, Saratoga, CA 95070 (US). **BALDUA, Ashish**; 5308 Canyon Hills Lane, San Jose, CA 95138 (US).
- (74) **DECARLO, James, J. et al.** / etc.; Stroock & Stroock & Lavan LLP, 180 Maiden Lane, New York, NY 10038 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 15/173**
- (11) **WO 03/038642** (13) A1
- (21) PCT/US02/14042
- (22) **1 May/mai 2002 (01.05.2002)**
- (25) en (26) en
- (30) 10/040,012 **26 Oct/oct 2001** US
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • AGGREGATE SYSTEM RESOURCE ANALYSIS INCLUDING CORRELATION MATRIX AND METRIC-BASED ANALYSIS
- ANALYSE DES RESSOURCES D'UN SYSTEME D'AGREGATS COMPRENANT UNE MATRICE DE CORRELATIONS ET UNE ANALYSE A BASE DE MESURES
- (71) **METILINX** [US/US]; 999 Baker Way, Suite 410, San Mateo, CA 94404 (US).
- (72) **COLLAZO, Carlos, M.**; 580 Harbor Colony Court, Redwood Shores, CA 94065 (US).
- (74) **KULAS, Charles, J. et al.** / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 15/16, 11/00, G01R 31/08, G08C 15/00, H04J 1/16**
- (11) **WO 03/038641** (13) A1
- (21) PCT/US02/34935
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) en (26) en
- (30) 60/335,511 **31 Oct/oct 2001** US
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ADMISSION CONTROL SYSTEM FOR HOME VIDEO SERVERS
- SYSTEME DE COMMANDE D'ADMISSION POUR SERVEURS VIDEO DOMESTIQUES
- (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) **ASMUTH, Charles, August** [US/US]; 34 Sycamore Road, Princeton, NJ 08540 (US).
- (74) **TRIPOLI, Joseph, S. et al.** / etc.; Thomson multimedia 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ **G06F 15/173**
- (11) **WO 03/038642** (13) A1
- (21) PCT/US02/14042
- (22) **1 May/mai 2002 (01.05.2002)**
- (25) en (26) en
- (30) 10/040,012 **26 Oct/oct 2001** US
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • LOCALIZED READ-ONLY STORAGE DEVICE FOR DISTRUBUTING FILES OVER A NETWORK
- DISPOSITIF DE STOCKAGE LOCALISE, A LECTURE SEULE, DESTINE A DISTRIBUER DES FICHIERS SUR UN RESEAU
- (71, 72) **CHUNG, Keicy, K.** [US/US]; P.O. Box 13906, Torrance, CA 90503 (US).
- (74) **MORSE, David, M.**; Fulbright & Jaworski L.L.P., 865 South Figueroa, Twenty-Ninth Floor, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (b)
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- (51)⁷ **G06F 15/76**
- (11) **WO 03/038644** (13) A2
- (21) PCT/DE02/04019
- (22) **25 Oct/oct 2002 (25.10.2002)**
- (25) de (26) de
- (30) 101 53 349.7 **29 Oct/oct 2001** DE
(29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DIGITAL LOGIC UNIT THAT CAN BE RECONFIGURED
- UNITE LOGIQUE NUMERIQUE RECONFIGURABLE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BANGERT, Joachim** [DE/DE]; Zep-
pelinstr. 43, 91052 Erlangen (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**;
Postfach 22 16 34, 80506 München (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
- (u) for / pour US only / seulement
-
- (51)⁷ **G06F 15/76**
- (11) **WO 03/038645** (13) A2
- (21) PCT/US02/34965
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) en (26) en
- (30) 60/334,764 **31 Oct/oct 2001** US
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • A SCALABLE PROCESSING ARCHITECTURE
- ARCHITECTURE DE TRAITEMENT EVOLUTIVE
- (71) UNIVERSITY OF TEXAS [US/US]; 201 West 7th Street, 7TH Floor, Austin, TX 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) BURGER, Doug [US/US]; 1501 W 6th Street, C-3, Austin, TX 78703 (US). KECKLER, Stephen, W. [US/US]; 5900 Mountainclimb Dr., #4, Austin, TX 78731 (US). SANKARALINGAM, Karthikeyan [IN/US]; 2910 Medical Arts, #105, Austin, TX 78705 (US). NAGARAJAN, Ramadass [IN/US]; 4505 Duval St. #266, Austin, TX 78751 (US).
- (74) STEFFEY, Charles, E. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F 15/78
- (11) WO 03/038646 (13) A2
- (21) PCT/US02/28980
- (22) 12 Sep/sep 2002 (12.09.2002)
- (25) en (26) en
- (30) 10/033,142 1 Nov/nov 2001 US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MICROCOMPUTER BRIDGE ARCHITECTURE WITH AN EMBEDDED MICROCONTROLLER
- ARCHITECTURE DE MICRO-ORDINATEUR EN PONT AVEC MICROCONTROLEUR INTEGRE
- (71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mail Stop 68, P.O. Box 9453, Sunnyvale, CA 94088-3453 (US).
- (72) GULICK, Dale, E.; 11715 Astoria Drive, Austin, TX 78738 (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 SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/00
- (11) WO 03/038648 (13) A2
- (21) PCT/CA02/01675
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 60/330,826 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • A BACKTRACKING RESOURCES PLANNING ALGORITHM
- ALGORITHME DE RETOUR-ARRIERE POUR LA PLANIFICATION DES RESOURCES
- (71) THERMO CRS LTD. [CA/CA]; 5344 John Lucas Drive, Burlington, Ontario L7L 6A6 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEDUC, Blair [CA/CA]; 42 Whiterock Ave., Mount Hope, Ontario L0R 1W0 (CA). PECK, Michael [CA/CA]; 615 King St. West, Toronto, Ontario M5V 1M5 (CA).
- (74) ORANGE, John et al. / etc.; Orange & Chari, Suite 4900, P.O. Box 190, 66 Wellington St. W., Toronto, Ontario M5K 1H6 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/00, A61B 5/0476, 5/048
- (11) WO 03/038649 (13) A1
- (21) PCT/GB02/04874
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 0126286.4 1 Nov/nov 2001 GB (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IMPROVEMENTS IN OR RELATING TO PHYSIOLOGICAL MONITORING
- AMELIORATION D'UN MONITORAGE PHYSIOLOGIQUE
- (71) OXFORD BIOSIGNALS LIMITED [GB/GB]; 30 Upper High Street, Thames, Oxfordshire OX9 3EZ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) POTTER, Charles, David, Ogilvy [GB/GB]; Denham House, Church End, Standlake, Oxon OX29 7SG (GB). McGROGAN, Nicholas [GB/GB]; 13 Wallingford Road, Cholesey, Wallingford, Oxon OX10 9LG (GB).
- (74) NICHOLLS, Michael, John et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
-
- (51)⁷ G06F 17/00
- (11) WO 03/038650 (13) A1
- (21) PCT/US02/24170
- (22) 31 Jul/juil 2002 (31.07.2002)
- (25) en (26) en
- (30) 09/919,300 31 Jul/juil 2001 US (31.07.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • INTERNET GAMING WITH MULTIPLE WEB SITES

- JEU SUR INTERNET AVEC PLUSIEURS SITES WEB
- (71, 72) **KEITH, Christopher** [US/US]; 105 Hudson Street, Apt. 5S, New York, NY 10013 (US).
- (74) **POMERANCE, Brenda**; Law Office of Brenda Pomerance, Suite 27B, 260 West 52 Street, New York, NY 10019 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 17/00
 (11) WO 03/038651 (13) A1
 (21) PCT/US02/31728
 (22) 4 Oct/oct 2002 (04.10.2002)
 (25) en (26) en
 (30) 10/016,674 30 Oct/oct 2001 US (30.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
- (54) • SYSTEMS AND METHOD FOR FACILITATING ACCESS TO DOCUMENTS VIA ASSOCIATED TAGS
 • SYSTEMES ET PROCÉDES DESTINES A FACILITER L'ACCES A DES DOCUMENTS A L'AIDE D'ETIQUETTES ASSOCIEES
- (71) **GOLDMAN, SACHS & CO.** [US/US]; 85 Broad Street, New York, NY 10004 (US).
- (72) **DWECK, Jay, S.**; 14 Patriots Farm Place, Armonk, NY 10504 (US). **ELCI, Reha**; Apt. 22A, 418 East 59th Street, New York, NY 10022 (US). **MOULTON, Wendy, J.**; Apt. 3D, 240 East 79th Street, New York, NY 10021 (US).
- (74) **BUCKLEY, Patrick, J.**; Buckley, Maschoff, Talwalkar & Allison LLC, Five Elm Street, New Canaan, CT 06840 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/00
 (11) WO 03/038652 (13) A1
 (21) PCT/US02/34820
 (22) 30 Oct/oct 2002 (30.10.2002)
 (25) en (26) en
- (30) 10/000,783 1 Nov/nov 2001 US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • INTELLIGENT BREADMARKER APPLIANCE
 • APPAREIL GRILLE-PAIN INTELLIGENT
- (71) **SALTON, INC.** [US/US]; 1955 W. Field Court, Lake Forest, IL 60045 (US).
- (72) **WILLIAMSON, Charles, G.**; 1027 Hickory Hill Drive, Columbia, MO 65202 (US).
- (74) **SIGALE, Jordan, A.** et al. / etc.; Sonnenschein Nath & Rosenthal, P.O. Box 061080, Wacker Drive Station, Sears Tower, Chicago, IL 60606-1080 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 17/00
 (11) WO 03/038653 (13) A1
 (21) PCT/US02/35081
 (22) 1 Nov/nov 2002 (01.11.2002)
 (25) en (26) en
 (30) 60/330,842 1 Nov/nov 2001 US (01.11.2001)
 (30) 60/365,169 19 Mar/mar 2002 US (19.03.2002)
 (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND SYSTEM FOR VALIDATING REMOTE DATABASE
 • PROCÉDE ET SYSTEME DE VALIDATION DE BASES DE DONNEES DISTANTES
- (71) **VERISIGN, INC.** [US/US]; 487 East Middlefield Road, Mountain View, CA 94043 (US).
- (72) **BALOGH, Aristotle, Nicholas**; 2779 Marshall Lake Drive, Oakton, VA 22124 (US). **MCMILLEN, Bradley, Thomas**; 1343 Mayflower Drive, McLean, VA 22101 (US).
- (74) **TREIBER, Adam** et al. / etc.; Kenyon & Kenyon, 1500 K Street, N.W., Suite 700, Washington, DC 20005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 17/00, 17/30, 12/00
 (11) WO 03/038654 (13) A1
 (21) PCT/US02/35083
 (22) 1 Nov/nov 2002 (01.11.2002)
 (25) en (26) en
 (30) 60/330,842 1 Nov/nov 2001 US (01.11.2001)
 (30) 60/365,169 19 Mar/mar 2002 US (19.03.2002)
 (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND SYSTEM FOR UPDATING A REMOTE DATABASE
 • PROCÉDE ET SYSTEME DE MISE A JOUR D'UNE BASE DE DONNEES DISTANTE
- (71) **VERISIGN, INC.** [US/US]; 487 East Middlefield Road, Mountain View, CA 94043 (US).
- (72) **BALOGH, Aristotle, Nicholas**; 2779 Marshall Lake Drive, Oakton, VA 22124 (US). **HAWORTH, William, Frederick, Jr.**; 246 Nottingham Road, Sherwood Forest, MD 21405 (US). **MCMILLEN, Bradley, Thomas**; 1343 Mayflower Drive, McLean, VA 22101 (US).
- (74) **TREIBER, Adam, M.** et al. / etc.; Kenyon & Kenyon, 1500 K Street N.W., Suite 700, Washington, DC 20005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 17/14, G06T 9/00, H04N 7/30, 7/26, 7/50
 (11) WO 03/038655 (13) A1
 (21) PCT/IL02/00864
 (22) 29 Oct/oct 2002 (29.10.2002)
 (25) en (26) en
 (30) 60/330,701 29 Oct/oct 2001 US (29.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR DECOMPRESSION OF COMPRESSED DATA STREAMS
 • PROCÉDE ET DISPOSITIF DE DECOMPRESSION DE TRAINS DE DONNEES COMPRIMEES
- (71) **PARTHUSCEVA LTD.** [IL/IL]; Shenkar Street 5, 46120 Herzlia (IL).
- (72) **SADEH, Yaron, M.**; Jerusalem Street 9, 44446 Kfar Saba (IL).
- (74) **EITAN, PEARL, LATZER & COHEN-ZEDEK** et al. / etc.; 2 Gav Yam Center, Shenkar Street 7, 46725 Herzlia (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/14

(11) WO 03/038656 (13) A2

(21) PCT/IL02/00865

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/330,726 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR PERFORMING SPATIAL-TO-FREQUENCY DOMAIN TRANSFORM

• PROCEDE ET APPAREIL POUR EFFECTUER UNE TRANSFORMEE DU DOMAINE SPATIAL AU DOMAINE FREQUENTIEL

(71) PARTHUSCEVA LTD. [IL/IL]; Shenkar Street 5, 46120 Herzlia (IL).

(72) SADEH, Yaron M.; Jerusalem Street 9, 44446 Kfar Saba (IL).

(74) EITAN, PEARL, LATZER & COHEN-ZEDEK; Gav Yam Center 2, Shenkar Street 7, 46725 Herzlia (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/18

(11) WO 03/038657 (13) A1

(21) PCT/NZ02/00228

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 515188 30 Oct/oct 2001 NZ (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR OBTAINING THE DISTRIBUTION OF A FUNCTION OF MANY RANDOM VARIABLES

• PROCEDE POUR ASSURER LA DISTRIBUTION D'UNE FONCTION DE PLUSIEURS VARIABLES ALEATOIRES

(71) INDUSTRIAL RESEARCH LIMITED [NZ/NZ]; Brooke House, 24 Balfour Road, Parnell, Auckland (NZ).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILLINK, Robin, Daniel [NZ/NZ]; 53 Hathaway Avenue, Karori, Wellington (NZ). HALL, Blair, Durham [NZ/NZ]; 35 Kakariki Grove, Waikanae (NZ).

(74) CALHOUN, Douglas, C. et al. / etc.; A J Park, 6th Floor Huddart Parker Building, 1 Post Office Square, Post Office Square, PO Box 949, 6015 Wellington (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 17/20

(11) WO 03/038658 (13) A2

(21) PCT/GB02/04819

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 0125894.6 27 Oct/oct 2001 GB (27.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • IMPROVEMENTS RELATING TO DOCUMENT GENERATION

• AMELIORATIONS APPORTEES A LA PRODUCTION DE DOCUMENTS

(71) HEWLETT-PACKARD COMPANY [US/US]; 3000 Hanover Street, Palo Alto, CA 93404 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PERRY, Russell [GB/GB]; 23 Cope Park, Almondsbury, Bristol BS32 4EZ (GB).

(74) LAWRENCE, Richard, Anthony; Hewlett-Packard Limited, Intellectual Property Section, Filton Road, Stoke Gifford, Bristol BS34 8QZ (GB).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G06F 17/20

(11) WO 03/038659 (13) A1

(21) PCT/IB02/04762

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/330,861 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR REMOTELY ACTIVATING APPLIANCES OR DEVICES

• PROCEDE ET DISPOSITIF D'ACTIVATION A DISTANCE D'APPAREILS OU MECANISMES

(71, 72) GLUCK, Shlomo [IL/IL]; 79 Herzl St., 44213 Kfar Saba (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 17/20, 17/30

(11) WO 03/038660 (13) A2

(21) PCT/US02/35051

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/336,192 31 Oct/oct 2001 US (31.10.2001)

(30) 60/336,195 31 Oct/oct 2001 US (31.10.2001)

(30) 60/336,204 31 Oct/oct 2001 US (31.10.2001)

(30) 60/336,206 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INTERACTIVE ELECTRONIC REFERENCES SYSTEMS AND METHODS

• SYSTEMES ET PROCEDES DE GENERATION DE REFERENCES ELECTRONIQUES INTERACTIVES

(71) ESSIBUY.com [US/US]; 201 Evans Lane, St. Louis, Missouri (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WATSON, Mike [US/US]; 2508 Christopher Oaks Ct., St. Louis, MO 63129 (US). TRICOMI, Frank [US/US]; 1918 Falling Tree Ct., Chesterfield, MO 63005 (US).

(74) DAMMAN, Kirk, A. et al. / etc.; Lewis, Rice & Fingersh, L.C., 500 North Broadway, Suite 2000, St. Louis, MO 63102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F 17/21

(11) WO 03/038661 (13) A1

(21) PCT/JP02/11185

(22) 28 Oct/oct 2002 (28.10.2002)

- (25) ja (26) ja (25) en (26) en RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (30) 2001-330175 **29 Oct/oct 2001** JP (29.10.2001) (30) 01309152.5 **29 Oct/oct 2001** EP (29.10.2001) (30) 01309153.3 **29 Oct/oct 2001** EP (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003) (30) 01309153.3 **29 Oct/oct 2001** EP (29.10.2001)
- (54) • DOCUMENT DISPLAY DEVICE, WORDING METHOD, AND WORD DISPLAY METHOD
• DISPOSITIF D'AFFICHAGE DE DOCUMENTS, PROCEDE DE MISE EN PAGE ET PROCEDE D'AFFICHAGE DE TEXTE
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 545-0013 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAMARU, Hisashi [JP/JP]; 6878-12, Imuro, Asa-cho, Asakita-ku, Hiroshima-shi, Hiroshima 731-1142 (JP).
- (74) SANO, Shizuo; Tenmabashi-Yachiyo Bldg. Bekkan, 2-6, Tenmabashi-kyomachi, Chuo-ku, Osaka-shi, Osaka 540-0032 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ G06F 17/27
(11) WO 03/038662 (13) A1
(21) PCT/US02/34934
(22) 31 Oct/oct 2002 (31.10.2002)
(25) en (26) en
(30) 60/336,231 **31 Oct/oct 2001** US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CONVERSION OF TEXT DATA INTO A HYPERTEXT MARKUP LANGUAGE
• CONVERSION DE DONNEES TEXTUELLES EN LANGAGE HTML
- (71) UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY [US/US]; 60 Bergen Street, Newark, NJ 07107-3000 (US).
- (72) HAGERTY, Clark, Gregory; 130 Forest Glen Drive, Highland Park, NJ 08904 (US). SONNEBERG, Frank, A.; 2 Pond View Road, Chester, NJ 07930 (US). PICKENS, David, S.; 89 Woodridge Ave., 2nd Floor, Highland Park, NJ 08904 (US). KULIKOWSKI, Casimir, A.; 323 Valentine Street, Highland Park, NJ 08904 (US).
- (74) LEWKOWICZ, Paul, E.; Ropes & Gray, One International Place, Boston, MA 02110-2624 (US).
- (81) AU BR CA JP NZ.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F 17/28
(11) WO 03/038663 (13) A2
(21) PCT/GB02/04893
(22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 01309156.6 **29 Oct/oct 2001** EP (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MACHINE TRANSLATION
• TRADUCTION AUTOMATIQUE
- (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) APPLEBY, Stephen, Clifford [GB/GB]; 23 Richard Avenue, Wivenhoe, Colchester, Essex CO7 9JQ (GB).
- (74) NASH, Roger, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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, 3/16
(11) WO 03/038665 (13) A1
(21) PCT/AU02/01470
(22) 31 Oct/oct 2002 (31.10.2002)
(25) en (26) en
(30) PR 8601 **31 Oct/oct 2001** AU (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • A SYSTEM AND METHOD OF DISSEMINATING RECORDED AUDIO INFORMATION
• SYSTEME ET PROCEDE DESTINES A DIFFUSER DES INFORMATIONS AUDIO ENREGISTREES
- (71) NET-RELEASE PTY LTD [AU/AU]; 71 Thistlewaite Street, South Melbourne, Victoria 3205 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FITZGERALD, Richard [AU/AU]; 3/26 Pearson Street, Brighton, Victoria 3186 (AU).
- (74) EARLY, Martin et al. / etc.; PIPERS Patent and Trade Mark Attorneys HANDLER War Level 18, 500 Collins Street, Melbourne, Victoria 3001 (AU).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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, 17/60 // 157:00
(11) WO 03/038666 (13) A1
(21) PCT/AU02/01472
(22) 1 Nov/nov 2002 (01.11.2002)
(25) en (26) en
(30) PR 8630 **1 Nov/nov 2001** AU (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • WAVELET BASED FRAUD DETECTION SYSTEM
• SYSTEME DE DETECTION DE FRAUDE BASE SUR LES ONDELETTES
- (71) INOVATECH LIMITED [CN/AU]; Level 2, 120 Christie Street, St. Leonards, NSW 2065 (AU).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **JIANG, Rong** [AU/AU]; 38 Dunrossil Ave., Carlingford, NSW 2118 (AU).
- (74) **HODGKINSON OLD MCINNES**; Level 3, 20 Alfred Street, Milsons Point, NSW 2061 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 03/038668** (13) A2
- (21) PCT/GB02/04883
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) en (26) en
- (30) 0126207.0 **31 Oct/oct 2001 (31.10.2001)** GB
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • INTERNET BROWSING SYSTEM
• SYSTEME D'EXPLORATION INTERNET
- (71) **HEWLETT-PACKARD COMPANY** [US/US]; 3000 Hanover Street, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FROHLICH, David, Mark** [GB/GB]; 17 Briarwood, Westbury on Trym, Bristol BS9 3SS (GB). **GROSVENOR, David, Arthur** [GB/GB]; 18 Beaufort Road, Frampton Cotterell, Bristol BS36 2AD (GB).
- (74) **LAWRENCE, Richard, Anthony**; Hewlett-Packard Limited, Intellectual Property Section, Filton Road, Stoke Gifford, Bristol BS34 8QK (GB).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ **G06F 17/30**
- (11) **WO 03/038669** (13) A1
- (21) PCT/IB01/02063
- (22) **1 Nov/nov 2001 (01.11.2001)**
- (25) en (26) en
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DIRECTORY REQUEST CACHING IN DISTRIBUTED COMPUTER SYSTEMS
• ANTEMEMORISATION DE DEMANDE D'ANNUAIRE DANS DES SYSTEMES INFORMATIQUES REPARTIS
- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DULOUTRE, Sylvain** [FR/FR]; 3, Rue George Sand, F-38600 Fontaine (FR). **ARNOU, Jérôme** [FR/FR]; 2, Rue de la Distillerie, F-38400 Saint Martin D'Herès (FR).
- (74) **PLACAIS, Jean-Yves**; Cabinet Netter, 40, rue Vignon, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR 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 CH CY DE DK ES FI FR GB GR IE 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 29/06, H04Q 7/22**
- (11) **WO 03/038670** (13) A1
- (21) PCT/IB01/02732
- (22) **29 Oct/oct 2001 (29.10.2001)**
- (25) en (26) en
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND EQUIPMENT FOR CONTROLLING INFORMATION PROVIDED TO A USER IN A NETWORK
• PROCEDE ET EQUIPEMENT DE CONTROLE D'INFORMATIONS FOURNIES A UN UTILISATEUR DANS UN RESEAU
- (71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-03260 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MAANOJA, Markus** [FI/FI]; Vermopolku 4 C 1, FIN-00370 Helsinki (FI). **KOKKONEN, Petri** [FI/FI]; Kalastajamäki 10 H 113, FIN-02230 Espoo (FI). **KALL, Jan** [FI/FI]; c/o Nokia Corporation, Keilalahdentie 4, FIN-03260 Espoo (FI). **VARONEN, Tomi** [FI/FI]; c/o Nokia Corporation, Keilalahdentie 4, FIN-03260 Espoo (FI). **SAARENPAA, Matti** [FI/FI]; c/o Nokia Corporation, Keilalahdentie 4, FIN-03260 Espoo (FI). **LAMPINEN, Marten** [FI/FI]; Koivikontie 26, FIN-04260 Kerava (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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F 17/30**
- (11) **WO 03/038671** (13) A2
- (21) PCT/IB02/04363
- (22) **18 Oct/oct 2002 (18.10.2002)**
- (25) en (26) en
- (30) 10/004,472 **2 Nov/nov 2001 (02.11.2001)** US
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ADAPTIVE WEB PAGES
• PAGES WEB ADAPTATIVES
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) GUTTA, Srinivas, V., R.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30, 17/50

(11) WO 03/038672 (13) A1

(21) PCT/JP02/11401

(22) 31 Oct/oct 2002 (31.10.2002)

(25) ja (26) ja

(30) 2001-335603 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SCREENING METHOD, SCREENING SYSTEM AND SCREENING PROGRAM

• TECHNIQUE D'ANALYSE, SYSTEME D'ANALYSE ET PROGRAMME D'ANALYSE

(71) SUMITOMO PHARMACEUTICALS COMPANY, LIMITED [JP/JP]; 2-8, Dosho-machi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8510 (JP).

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(72, 75) YAMAZAKI, Kazuto [JP/JP]; 609-12-101, Gakuenasahimotomachi 1-chome, Nara-shi, Nara 631-0015 (JP). KANAOKA, Masaharu [JP/JP]; 5-14-106, Ibukino 3-chome, Izumi-shi, Osaka 594-0041 (JP).

(74) NISHIKAWA, Yoshikiyo et al. / etc.; Hokuto Patent Attorneys Office, Umeda-Dai-chiseimei 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 17/30

(11) WO 03/038673 (13) A2

(21) PCT/NZ02/00232

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 515148 31 Oct/oct 2001 NZ (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INFORMATION ARCHIVING SOFTWARE

• LOGICIEL D'ARCHIVAGE D'INFORMATIONS

(71) GEN-I LIMITED [NZ/NZ]; Level 11, Elders Finance House, 2 Kitchener Street, Auckland 1001 (NZ).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOORE, Alan [NZ/NZ]; 86A Mt Smart Road, Onehunga, Auckland 1006 (NZ).

(74) WILSON, Kathryn, S. et al. / etc.; Level 12, KPMG Centre, 85 Alexandra Street, Private Bag 3140, Hamilton 2001 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F 17/30

(11) WO 03/038674 (13) A1

(21) PCT/US02/31560

(22) 3 Oct/oct 2002 (03.10.2002)

(25) en (26) en

(30) 10/007,338 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEM AND METHOD FOR PROVIDING A PUSH GATEWAY BETWEEN CONSUMER DEVICES AND REMOTE CONTENT PROVIDER CENTERS

• SYSTEME ET PROCEDURE PERMETTANT D'OBTENIR UNE PASSERELLE PUSH ENTRE DES DISPOSITIFS GRAND PUBLIC ET DES CENTRES DE FOURNISSEURS DE CONTENU A DISTANCE

(71) IBIQUITY DIGITAL CORPORATION [US/US]; 20 Independence Boulevard, Warren, NJ 07059 (US).

(72) SYED, Majid; 97 York Drive, Princeton, NJ 08540 (US).

(74) HARPER, Blaney et al. / etc.; Jones, Day, Reavis & Pogue, 51 Louisiana Avenue, N.W., Washington, DC 20001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F 17/30

(11) WO 03/038675 (13) A1

(21) PCT/US02/31729

(22) 4 Oct/oct 2002 (04.10.2002)

(25) en (26) en

(30) 10/016,673 30 Oct/oct 2001 US (30.10.2001)

(30) 10/016,674 30 Oct/oct 2001 US (30.10.2001)

(30) 10/084,824 26 Feb/fév 2002 US (26.02.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEMS AND METHODS FOR FACILITATING ACCESS TO DOCUMENTS VIA AN ENTITLEMENT RULE

• SYSTEMES ET PROCEDURES DESTINEES A FACILITER L'ACCES A DES DOCUMENTS A L'AIDE D'UNE REGLE D'ADMISSIBILITE

(71) GOLDMAN, SACHS & CO. [US/US]; 85 Broad Street, New York, NY 10004 (US).

(72) DWECK, Jay, S.; 14 Patriots Farm Place, Armonk, NY 10504 (US). ELCI, Reha; Apt. 22A, 418 East 59th Street, New York, NY 10022 (US). FINNERTY, Warren, P.; 830 Belvidere Avenue, Plainfield, NJ 07060 (US).

(74) BUCKLEY, Patrick, J.; Buckley, Maschoff, Talwalkar & Allison LLC, Five Elm Street, New Canaan, CT 06840 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 03/038676 (13) A1

(21) PCT/US02/31731

(22) 4 Oct/oct 2002 (04.10.2002)

(25) en (26) en

(30) 10/016,673 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEMS AND METHODS FOR FACILITATING ACCESS TO DOCUMENTS VIA A SET OF CONTENT SELECTION TAGS

• ACCES A DES DOCUMENTS A L'AIDE D'UN ENSEMBLE D'ETIQUETTES DE SELECTION DE CONTENU

(71) GOLDMAN, SACHS & CO. [US/US]; 85 Broad Street, New York, NY 10004 (US).

(72) DWECK, Jay, S.; 14 Patriots Farm Place, Armonk, NY 10504 (US). ELCI, Reha; Apt.

- 22A, 418 East 59th Street, New York, NY 10022 (US).
- (74) **BUCKLEY, Patrick, J.**; Buckley, Maschoff, Talwalkar & Allison LLC, Five Elm Street, New Canaan, CT 06840 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (21) PCT/US02/33792
- (22) 21 Oct/oct 2002 (21.10.2002)
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- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SECURE PRINTING OF A DOCUMENT
- IMPRESSION SECURISEE D'UN DOCUMENT
- (71) **PITNEY BOWES INC.** [US/US]; 1 Elm-croft Road, Stamford, CT 06926 (US).
- (72) **SHARMA, Megha**; 14 Cherry Street, Apt. 14A, Milford, CT 06460 (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 BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Declaration / Déclaration :
- (s) for all designations / pour toutes les désignations
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- (51)⁷ G06F 17/30, 17/60, 11/00, 7/00, 13/00
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- (25) en (26) en
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- (43) 8 May/mai 2003 (08.05.2003)
- (54) • WEB-BASED SEARCH SYSTEM
- SYSTEME DE RECHERCHE ACCESSIBLE SUR INTERNET
- (71) **ADGHOST LLC** [US/US]; 14828 N.E. 75th Street, Redmond, WA 98052 (US).
- (72) **FANNIN, Richard**; 14828 N.E. 75th Street, Redmond, WA 98052 (US).
- (74) **BURTON, Carol, W. et al. / etc.**; Hogan and Hartson, LLP, 1200 17th Street, Suite 1500, Denver, CO 80202 (US).
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ G06F 17/30
- (11) WO 03/038679 (13) A2
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- (43) 8 May/mai 2003 (08.05.2003)
- (54) • AUTOMATICALLY DESIGNED THREE-DIMENSIONAL GRAPHICAL ENVIRONMENTS FOR INFORMATION DISCOVERY AND VISUALIZATION
- ENVIRONNEMENTS GRAPHIQUES EN 3D A ARRANGEMENT AUTOMATIQUE POUR LA DECOUVERTE ET LA VISUALISATION D'INFORMATIONS
- (71) **HEWLETT-PACKARD COMPANY** [US/US]; 3000 Hanover Street, M/S 1051, Palo Alto, CA 94304-1112 (US).
- (72) **CHANG, Nelson Liang An.**; 1663 Alma Street, Palo Alto, CA 94301 (US). **SAID, Amir**; 10380 Stevens Creek, Apt. #208, Cupertino, CA 95014-2272 (US).
- (74) **HEMINGER, Susan, E.**; Hewlett-Packard Company, IP Administration, P. O. Box 272400, Ft. Collins, CO 80527-2400 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) en (26) en
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- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND SYSTEM FOR ACCESSING A COLLECTION OF IMAGES IN A DATABASE
- PROCEDE ET SYSTEME D'ACCES A UN ENSEMBLE D'IMAGES DANS UNE BASE DE DONNEES
- (71) **HEWLETT-PACKARD COMPANY** [US/US]; 3000 Hanover Street, M/S 1051, Palo Alto, CA 94304-1112 (US).
- (72) **CHANG, Nelson Liang An.**; 1663 Alma Street, Palo Alto, CA 94301 (US). **SAID, Amir**; 10380 Stevens Creek, Apt. #208, Cupertino, CA 95014-2272 (US).
- (74) **HEMINGER, Susan, E.**; Hewlett-Packard Company, IP Administration, P. O. Box 272400, Ft. Collins, CO 80527-2400 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT 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 03/038681 (13) A1
- (21) PCT/US02/34857
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- (30) 10/001,911 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS AND SYSTEMS FOR PROVIDING ACCESS TO INFORMATION VIA QUERY APPLICATION AND OUTPUT INTERFACE APPLICATION
- PROCEDES ET SYSTEMES PERMETTANT D'ACCEDE A DES INFORMATIONS PAR L'INTERMEDIAIRE D'UNE APPLICATION DE DEMANDE ET D'UNE APPLICATION D'INTERFACE DE SORTIE
- (71) **SAMBA** [US/US]; 1730 Montano Road, NW, Suite F, Albuquerque, NM 87107-3210 (US).
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- (72, 75) **APPLEWHITE, Jarratt** [US/US]; 300 E. Berger, Santa Fe, NM 87505 (US). **MILLER, Gregory, D.** [US/US]; 6421 Louise Pl. N.E., Albuquerque, NM 87019 (US). **MCKAY, Christopher** [US/US]; 5407 Mt. Bonnel Road, Austin, TX 78731 (US).
- (74) **BAHLER, David, D.**; Fulbright & Jaworski L.L.P., Suite 2400, 600 Congress Avenue, Austin, TX 78701 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

- PT 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 03/038682 (13) A1
 (21) PCT/US02/34863
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- (54) • REAL TIME BUSINESS PROCESS ANALYSIS METHOD AND APPARATUS
 • PROCEDE ET DISPOSITIF D'ANALYSE EN TEMPS REEL DE PROCESSUS OPERATIONNEL
- (71) VITRIA TECHNOLOGY, INC. [US/US]; 945 Stewart Drive, Sunnyvale, CA 94086 (US).
- (72) LI, Hui; 4508 Mackinaw Street, Union City, CA 94587 (US). QIAN, Shelly, Xiaolei; 20643 Greenleaf Drive, Cupertino, CA 95014 (US).
- (74) KAUFMAN, Marc, S.; Nixon Peabody LLP, 8180 Greensboro Drive, Suite 800, McLean, VA 22102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (43) 8 May/mai 2003 (08.05.2003)
- (54) • SPATIAL INTELLIGENCE SYSTEM AND METHOD
 • SYSTEME SPATIAL DE RENSEIGNEMENT ET PROCEDE CORRESPONDANT
- (71) METAEDGE CORPORATION [US/US]; 1257 Tasman Drive, Suite C, Sunnyvale, CA 94089 (US).
- (72) CHEN, Li-Wen; 7725 Oak Meadow Court, Cupertino, CA 95014 (US). LUU, Victor; 2805 Vista Del Valle, Morgan Hill, CA 95037 (US).
- (74) JOSEPHSON, Daryl, C. et al. / etc.; Squire, Sanders & Dempsey L.L.P., 600 Hansen Way, Palo Alto, CA 94304-1043 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (43) 8 May/mai 2003 (08.05.2003)
- (54) • TRANSACTIONAL MEMORY MANAGER
 • GESTIONNAIRE DE MEMOIRE TRANSACTIONNELLE
- (71) VERISIGN, INC. [US/US]; 487 East Middlefield Road, Mountain View, CA 94043 (US).
- (72) BALOGH, Aristotle, Nicholas; 2779 Marshall Lake Drive, Oakton, VA 22124 (US). HAWORTH, William, Frederick, Jr.; 246 Nottingham Road, Sherwood Forest, MD 21405 (US).
- (74) TREIBER, Adam, M. et al. / etc.; Kenyon & Kenyon, Suite 700, 1500 K Street, N.W., Washington, DC 20005 (US).
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- (71) PERLORICA, INC. [US/US]; 10565 Brunswick Road, Suite 9, Grass Valley, CA 95945 (US).
- (72) WOLFE, Thomas, D.; P.O. Box 190, Rough and Ready, CA 97975 (US). ELLIOTT, James, Douglas, III; 72447 Magnesia Falls, Rancho Mirage, CA 92270 (US).
- (74) SLAVIN, Michael, A.; McHale & Slavin, P.A., Suite 402, 4440 PGA Blvd., 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (43) 8 May/mai 2003 (08.05.2003)
- (54) • POSYNOMIAL MODELING, SIZING, OPTIMIZATION AND CONTROL OF PHYSICAL AND NON-PHYSICAL SYSTEMS
 • MODELISATION, CALIBRAGE, OPTIMISATION ET COMMANDE POLYNOMIAUX DE SYSTEMES PHYSIQUES ET NON PHYSIQUES
- (71) K.U.LEUVEN RESEARCH & DEVELOPMENT [BE/BE]; Groot Begijnhof 59, Benedenstraat 59, B-3000 Leuven (BE).
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- (72, 75) DAEMS, Walter [BE/BE]; Kardinaal Cardijnlaan 24, B-2640 Morstel (BE). GIELEN, Georges [BE/BE]; Eugene Vanhoorenbekeleaan 10, B-3010 Kessel-LO (BE). SANSEN, Willy [BE/BE]; Groenstraat 124, B-3001 Heverlee (BE).
- (74) BIRD, William, E. et al. / etc.; Bird Goën & Co, Klein Dalenstraat 42A, B-3020 Winksele (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR MONITORING A PUBLIC WATER TREATMENT SYSTEM
 • PROCEDE DE SURVEILLANCE D'UN SYSTEME DE TRAITEMENT DE L'EAU PUBLIQUE

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 (30) 60/330,856 1 Nov/nov 2001 US (01.11.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • OPTIMIZATION OF THE DESIGN OF A SYNCHRONOUS DIGITAL CIRCUIT
 • OPTIMISATION DE LA CONCEPTION D'UN CIRCUIT NUMERIQUE SYNCHRONISÉ
 (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) LINDKVIST, Hans [SE/SE]; Iliogrändens 5, S-224 72 Lund (SE).
 (74) HOFMAN-BANG ZACCO A/S; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).
 (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (43) 8 May/mai 2003 (08.05.2003)
 (54) • PARTS CATALOGUE CREATION APPARATUS
 • DISPOSITIF DE CREATION D'UN CATALOGUE DE PIECES
 (71) KAWASAKI JUKOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 650-8670 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) TANAKA, Shigetsugu [JP/JP]; 588-11, Nishiwaki, Okubo-cho, Akashi-shi, Hyogo 674-0054 (JP). UEDA, Masami [JP/JP]; 872-11, Inaya, Kakogawa-cho, Kakogawa-shi, Hyogo 675-0034 (JP). NISHI, Koichiro [JP/JP]; 528-8, Noguchi, Noguchi-cho, Kakogawa-shi, Hyogo 675-0012 (JP). OKAMOTO, Kenzo [JP/JP]; 4-14-8, Tsukushigaoka, Kita-ku, Kobe-shi, Hyogo 651-1212 (JP). YASUI, Takao [JP/JP]; 186-16, Takahata, Hiraoka-cho, Kakogawa-shi, Hyogo 675-0103 (JP).
 (74) SUMIDA, Yoshihiro et al. / etc.; Arco Patent Office, 3rd Fl., Bo-eki Bldg., 123-1, Higashimachi, Chuo-ku, Kobe-shi, Hyogo 650-0031 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (30) 10/003,595 30 Oct/oct 2001 US (30.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • SCALABLE, PARTITIONING INTEGRATED CIRCUIT LAYOUT SYSTEM
 • SYSTEME D'IMPLANTATION DE CIRCUIT INTEGRE DE PARTITIONNEMENT, ECHELONNABLE
 (71) SILICON PERSPECTIVE CORPORATION [US/US]; 555 River Oaks Parkway, San Jose, CA 95134 (US).
 (72) DAI, Wei-Jin; 21040 Rainbow Drive, Cupertino, CA 95014 (US). CHEONG, Kit-Lam; 874 San Jude Street, Palo Alto, CA 94306 (US). CHEN, Hsi-Chuan; 45677 Parkmeadow Court, Fremont, CA 94539 (US). KAO, Wei-Lun; 10766 Linda Vista Drive, Cupertino, CA 95014 (US).
 (74) BEDELL, Daniel, J.; Smith-Hill and Bedell, P.C., Suite 104, 12670 N.W. Barnes Road, Portland, OR 97229 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (22) 31 Oct/oct 2002 (31.10.2002)
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 (30) PA 2002 01363 16 Sep/sep 2002 DK (16.09.2002)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • A METHOD AND COMPUTER SYSTEM FOR ADMINISTERING INVESTMENTS MADE BY AN INVESTOR
 • PROCEDE ET SYSTEME INFORMATIQUES DE GESTION DES INVESTISSEMENTS D'UN INVESTISSEUR
 (71) CODAN A/S [DK/DK]; Gammel Kongevej 60, DK-1790 Copenhagen V (DK).
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 (72, 75) NIELSEN, Jens, Perch [DK/DK]; Søndersøvej 52, DK-2820 Gentofte (DK). GUILLEN, Montserrat [ES/ES]; Pasaje Garcini, 3, E-08041 Barcelona (ES). ANDERSEN, Mogens [DK/DK]; Blovstrødvej 16B, DK-3450 Allerød (DK). LAURITZEN, Knud, Bitsch [DK/DK]; Eggersvej 4, DK-2900 Hellerup (DK). BERENTZEN, Klaus [DK/DK]; Hyldevænget 12, DK-3520 Farum (DK).
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(74) PLOUGMANN & VINGTOFT A/S; Sundkrogsvej 9, P.O.Box 831, DK-2100 Copenhagen Ø (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 17/60

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(21) PCT/EP02/11989

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(30) 102 40 672.3 4 Sep/sep 2002 DE (04.09.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND DEVICE FOR PRODUCING AND DISPLAYING AUTOMATICALLY ESTABLISHED RESULTS ON A COMPUTER

• PROCEDE ET DISPOSITIF POUR PRODUIRE ET AFFICHER SUR UN ORDINATEUR DES RESULTATS ETABLIS DE MANIERE AUTOMATIQUE

(71, 72) YIM, Michael [DE/DE]; Bedburger Strasse 80, 41469 Neuss (DE). PUHALA, Vlado [—/DE]; Bedburger Strasse 80, 41469 Neuss (DE).

(74) SCHMIDT, K., M.; Sonnenschein & Porada, Zillertaler Strasse 7, 47249 Duisburg (DE).

(81) CA IN 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 G06F 17/60

(11) WO 03/038693 (13) A2

(21) PCT/GB02/04913

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 0126160.1 31 Oct/oct 2001 GB (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A DATA PROCESSING SYSTEM FOR MANAGING A PAYROLL OPERATION ACROSS A PLURALITY OF JURISDICTIONS

• SYSTEME DE TRAITEMENT DE DONNEES PERMETTANT LA GESTION DU TRAITEMENT DES PAIES DANS UNE PLURALITE DE PAYS

(71) MULTIJURISDICTIONAL PAYROLL LIMITED [GB/GB]; Osbornes Wood, South Road, St. Georges Hill, Weybridge, Surrey KT13 ONA (GB).

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(72, 75) McERLAIN, Andrew, Robert [GB/GB]; Osbornes Wood, South Road, St. George's Hill, Weybridge, Surrey KT13 ONA (GB). DEMPSEY, Peter [GB/GB]; The Coach House, 72 Hardy Road, Blackheath, London SE3 7NN (GB).

(74) PLUCKROSE, Anthony, William et al. / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ G06F 17/60, 9/44, 3/033

(11) WO 03/038694 (13) A1

(21) PCT/IB02/04465

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 10/004,049 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MANAGEMENT OF REAL ESTATE IN GRAPHICAL MENUS

• GESTION DE LA SURFACE OCCUPEE DANS DES MENUS GRAPHIQUES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) EKKEL, Frederik; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SWILLENS,

Peter, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F 17/60

(11) WO 03/038695 (13) A1

(21) PCT/IL02/00268

(22) 31 Mar/mar 2002 (31.03.2002)

(25) en (26) en

(30) 60/279,133 28 Mar/mar 2001 US (28.03.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND SYSTEM FOR CREATION, MANAGEMENT AND ANALYSIS OF DISTRIBUTION SYNDICATES

• PROCEDE ET SYSTEME DE CREATION, GESTION ET ANALYSE DE SYNDICATS DE DISTRIBUTION

(71) VIDUIS INC. [US/US]; 4605 Lankershim Blvd., Suite 500, North Hollywood, CA 91602 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PELED, Ariel [IL/IL]; 22 Almogan Street, 40500 Even Yehuda (IL). TROYAN-SKY, Lidror [IL/IL]; 25 Kanfey-Nesharim Street, 52357 Ramat Gan (IL). LITAI, Assaf [IL/IL]; 5 Fierberg Street, 44347 Kfar Saba (IL). CARNY, Ofir [IL/IL]; 16 Hayam Street, 44864 Kochav Yair (IL). BARATZ, Arik [IL/IL]; 2 HeHadas Street, 38246 Hedera (IL). ROGLIT, Guy [IL/IL]; 5 Szold Street, 47225 Ramat HaSharon (IL). AVISAR, Hila [IL/IL]; 19 HaPodim Street, 52566 Ramat Gan (IL).

(74) G. E. EHRlich (1995) LTD.; 28 Bezalel Street, 52521 Ramat Gan (IL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK EE

FI FR GB GR IE 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 03/038696 (13) A2

(21) PCT/IT01/00553

(22) 31 Oct/oct 2001 (31.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND SYSTEM FOR PROVIDING ASSISTANCE TO VEHICLES WITH DAMAGED WHEEL COMPONENTS

• PROCEDE ET SYSTEME PERMETTANT DE FOURNIR UNE ASSISTANCE A DES VEHICULES POSSEDANT DES COMPOSANTS DE ROUE ENDOMAGES

(71) PIRELLI PNEUMATICI S.p.A. [IT/IT]; Viale Sarca, 222, I-20126 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DASTI, Giovanni [IT/IT]; Via Mariconfi, 14, I-26010 Monte Cremasco (IT).
SCHIAVI, Umberto [IT/IT]; Via Maroncelli, 1/a, I-29017 Fiorenzuola D'Arda (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 03/038697 (13) A1

(21) PCT/JP01/09486

(22) 29 Oct/oct 2001 (29.10.2001)

(25) ja (26) ja

(43) 8 May/mai 2003 (08.05.2003)

(54) • STOLEN CAR SECURING INFORMATION MANAGING DEVICE

• DISPOSITIF DE GESTION D'INFORMATIONS RELATIVES A LA SAISIE D'UNE VOITURE VOLEE

(71, 72) TACHIBANA, Minoru [JP/JP]; 2-3, Nakaasahigaoka 4-chome, Suzuka-shi, Mie 510-0212 (JP).

(72, 75) NAGAI, Haruo [JP/JP]; Nagai Certified Public Accountant Office, 23-10, Minamiejima, Suzuka-shi, Mie 510-0235 (JP).

(74) KUDO, Ichiro; Yurakucho Denki Bldg. South Tower, 7-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-0006 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60, G07G 1/14

(11) WO 03/038698 (13) A1

(21) PCT/JP01/09560

(22) 31 Oct/oct 2001 (31.10.2001)

(25) ja (26) ja

(43) 8 May/mai 2003 (08.05.2003)

(54) • PORTABLE TERMINAL AND POS TERMINAL

• TERMINAL PORTABLE ET TERMINAL POINT DE VENTE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

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(72, 75) NIWA, Takanori [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
URAKAWA, Yasutaka [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 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

(11) WO 03/038699 (13) A1

(21) PCT/JP01/09614

(22) 1 Nov/nov 2001 (01.11.2001)

(25) ja (26) ja

(43) 8 May/mai 2003 (08.05.2003)

(54) • ADVERTISING METHOD

• PROCEDE DE PUBLICITE

(71, 72) SHIROOKA, Kiyoshi [JP/JP]; 16-23, Hikisho kitamachi 1-chome, Sakai-shi, Osaka 599-8111 (JP).
MURAI, Naomi [JP/JP]; 141, Kusido 2-chome, Hatsukaichi-shi, Hiroshima 738-0033 (JP).
ARAKAWA, Ayako [JP/JP]; 351, Asano honmachi 2-chome, Kanazawa-shi, Ishikawa 920-0841 (JP).
TANAKA, Satoko [JP/JP]; 6-204, Murano minamimachi 2-chome, Hirakata-shi, Osaka 573-0043 (JP).

(74) NAKAI, Nobuhiro; NIKKAN KOGYO SHIMBUN.LTD, OSAKA BRANCH OFFICE BLDG.7F, 2-16, Kitahamahigashi, Chuo-ku, Osaka-shi, Osaka 540-0031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 03/038700 (13) A1

(21) PCT/JP01/09636

(22) 2 Nov/nov 2001 (02.11.2001)

(25) ja (26) ja

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR NOTIFYING INFORMATION ON COMMODITY

• PROCEDE DE NOTIFICATION D'INFORMATIONS RELATIVES A UNE MARCHANDISE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

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(72, 75) MATSUNAGA, Tetsuya [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) OSUGA, Yoshiyuki; 3rd Fl., Nibancho Bldg., 8-20, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).

(81) JP US.

(84) EP (DE FR GB).

(51)⁷ G06F 17/60

(11) WO 03/038701 (13) A1

(21) PCT/JP01/09654

(22) 2 Nov/nov 2001 (02.11.2001)

(25) ja (26) ja

(43) 8 May/mai 2003 (08.05.2003)

(54) • COMMODITY SELLING SYSTEM AND COMMODITY SELLING METHOD

• SYSTEME ET PROCEDE DE VENTE DE MARCHANDISE

(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) IJIMA, Junichi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) HAYASHI, Tsunenori et al. / etc.; Hayashi, Doi & Associates, Toshou-Bldg. No. 3, 3-9-5, Shin-yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06F 17/60

(11) WO 03/038702 (13) A1

(21) PCT/JP02/11016

- (22) **23 Oct/oct 2002 (23.10.2002)**
 (25) ja (26) ja
 (30) 2001-334597 **31 Oct/oct 2001 JP (31.10.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • ELECTRONIC SETTLEMENT APPARATUS AND METHOD THEREOF
 • APPAREIL DE REGLEMENT ELECTRONIQUE ET PROCEDE ASSOCIE
 (71, 72) JOGU, Takako [JP/JP]; 8-4, Gakuenkita 1-chome, Nara-shi, Nara 631-0036 (JP).
 (74) UEBA, Hidetoshi; Intelix International, 2nd Fl., Kadono Bldg., 2-1, Tenma 2-chome, Kita-ku, Osaka-shi, Osaka 530-0043 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/60
 (11) WO 03/038703 (13) A2
 (21) PCT/JP02/11201
 (22) **29 Oct/oct 2002 (29.10.2002)**
 (25) ja (26) ja
 (30) 2001-337950 **2 Nov/nov 2001 JP (02.11.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • POINT SALES SERVER AND POINT SALES METHOD
 • SERVEUR DE VENTE DE POINTS ET PROCEDE DE VENTE DE POINTS
 (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) HAGIWARA, Kotaro [JP/JP]; c/o SONY FINANCE INTERNATIONAL, INC., 1-1, Minamiaoyama 1-chome, Minato-ku, Tokyo 107-0062 (JP).
 (74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038703 (13) A1
 (21) PCT/JP02/11216
 (22) **29 Oct/oct 2002 (29.10.2002)**
 (25) ja (26) ja
 (30) 2001-333733 **31 Oct/oct 2001 JP (31.10.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • CONTENT INFORMATION TRANSFERRING DEVICE AND CONTENT INFORMATION RECEIVING DEVICE
 • DISPOSITIF DE TRANSFERT ET RECEPTEUR D'INFORMATIONS DE CONTENU
 (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) SUGIURA, Masataka [JP/JP]; 2-19-8-301, Todoroki, Setagaya-ku, Tokyo 158-0082 (JP).
 (74) KUDO, Ichiro; Yurakucho Denki Bldg. South Tower, 7-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-0006 (JP).
 (81) CN JP KR US.
 (84) EP (DE FR GB IT).
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- (51)⁷ G06F 17/60
 (11) WO 03/038705 (13) A1
 (21) PCT/JP02/11403
 (22) **31 Oct/oct 2002 (31.10.2002)**
 (25) ja (26) ja
 (30) 2001-374996 **1 Nov/nov 2001 JP (01.11.2001)**
 (30) 2002-216358 **25 Jul/juil 2002 JP (25.07.2002)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • BANNER ADVERTISEMENT METHOD AND BANNER ADVERTISEMENT SYSTEM
 • PROCEDE DE PUBLICITE PAR BANDEAU ET SYSTEME DE PUBLICITE PAR BANDEAU
 (71, 72) ONIZUKA, Katsushi [JP/JP]; 13-1403, 4-1Takeshirodai, Sakai-shi, Osaka 590-0105 (JP).
 (74) MORITA, Masahiro; Livecourt-mikunigaoka 304, 1-10, Mozuumekita-cho, Sakai-shi, Osaka 591-8031 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038706 (13) A1
 (21) PCT/JP02/11444
 (22) **1 Nov/nov 2002 (01.11.2002)**
 (25) ja (26) ja
 (30) 2001-337935 **2 Nov/nov 2001 JP (02.11.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • ELECTRONIC TRANSACTION SYSTEM
 • SYSTEME PERMETTANT D'EFFEC-TUER DES TRANSACTIONS ELECTRONIQUES
 (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) KAWASHIMA, Takashi [JP/JP]; c/o SONY FINANCE INTERNATIONAL, INC., 1-1, Minamiaoyama 1-chome, Minato-ku, Tokyo 107-0062 (JP). HASUMI, Yoshitsugu [JP/JP]; c/o SONY FINANCE INTERNATIONAL, INC., 1-1, Minamiaoyama 1-chome, Minato-ku, Tokyo 107-0062 (JP). HAGIWARA, Kotaro [JP/JP]; c/o SONY FINANCE INTERNATIONAL, INC., 1-1, Minamiaoyama 1-chome, Minato-ku, Tokyo 107-0062 (JP). HAYAASHI, Hirofumi [JP/JP]; c/o SONY FINANCE INTERNATIONAL, INC., 1-1, Minamiaoyama 1-chome, Minato-ku, Tokyo 107-0062 (JP).
 (74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/038707 (13) A2
 (21) PCT/JP02/09166
 (22) **9 Sep/sep 2002 (09.09.2002)**
 (25) en (26) en
 (30) 10/002,744 **2 Nov/nov 2001 US (02.11.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • TECHNICAL SUPPORT SYSTEM
 • SYSTEME DE SUPPORT TECHNIQUE
 (71) TOSHIBA TEC KABUSHIKI KAISHA [JP/JP]; 1-1, Kanda Nishiki-cho, Chiyoda-ku, Tokyo 101-8442 (JP).
 (72) UENO, Toshio; 314-17, Kasanui, Hanno-shi, Saitama 357-0045 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP.

(84) EP (DE FR GB IT NL SE).

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(51)⁷ G06F 17/60

(11) WO 03/038708 (13) A2

(21) PCT/JP02/09167

(22) 9 Sep/sep 2002 (09.09.2002)

(25) en (26) en

(30) 10/002,743 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TECHNICAL SUPPORT SYSTEM

• SYSTEME D'ASSISTANCE TECHNIQUE

(71) TOSHIBA TEC KABUSHIKI KAISHA [JP/JP]; 1-1, Kanda Nishiki-cho, Chiyoda-ku, Tokyo 101-8442 (JP).

(72) UENO, Toshio; 314-17, Kasanui, Hanno-shi, Saitama 357-0045 (JP).

(74) SUZUYE, Takehiko et al. / etc.; SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP.

(84) EP (DE FR GB IT NL SE).

(51)⁷ G06F 17/60

(11) WO 03/038709 (13) A2

(21) PCT/JP02/09168

(22) 9 Sep/sep 2002 (09.09.2002)

(25) en (26) en

(30) 10/002,745 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TECHNICAL SUPPORT SYSTEM

• SYSTEME D'ASSISTANCE TECHNIQUE

(71) TOSHIBA TEC KABUSHIKI KAISHA [JP/JP]; 1-1, Kanda Nishiki-cho, Chiyoda-ku, Tokyo 101-8442 (JP).

(72) UENO, Toshio; 314-17, Kasanui, Hanno-shi, Saitama 357-0045 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP.

(84) EP (DE FR GB IT NL SE).

Published / Publiée : (i)

(51)⁷ G06F 17/60

(11) WO 03/038710 (13) A2

(21) PCT/JP02/09169

(22) 9 Sep/sep 2002 (09.09.2002)

(25) en (26) en

(30) 10/002,772 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR COPING WITH THE CHANGES IN HARDWARE

• PROCEDE, SYSTEME ET PRODUIT LOGICIEL RESOLVANT UN CHANGE-MENT DE MATERIEL

(71) TOSHIBA TEC KABUSHIKI KAISHA [JP/JP]; 1-1, Kanda Nishiki-cho, Chiyoda-ku, Tokyo 101-8442 (JP).

(72) UENO, Toshio; 314-17, Kasanui, Hanno-shi, Saitama 357-0045 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP.

(84) EP (DE FR GB IT NL SE).

(51)⁷ G06F 17/60

(11) WO 03/038711 (13) A2

(21) PCT/JP02/09170

(22) 9 Sep/sep 2002 (09.09.2002)

(25) en (26) en

(30) 10/002,771 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND SYSTEM FOR PROVIDING BACKUP DATA FOR USE IN STUDYING CLAIMS

• PROCEDE ET SYSTEME DE MISE EN PLACE DE DONNEES D'ARCHIVAGE DESTINEES A L'ETUDE DE REVENDICATIONS

(71) TOSHIBA TEC KABUSHIKI KAISHA [JP/JP]; 1-1, Kanda Nishiki-cho, Chiyoda-ku, Tokyo 101-8442 (JP).

(72) UENO, Toshio; 314-17, Kasanui, Hanno-shi, Saitama 357-0045 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP.

(84) EP (DE FR GB IT NL SE).

(51)⁷ G06F 17/60

(11) WO 03/038712 (13) A1

(21) PCT/KR02/02009

(22) 28 Oct/oct 2002 (28.10.2002)

(25) ko (26) en

(30) 2001-0068082 2 Nov/nov 2001 KR (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF CONDUCTING AN EMU PAYMENT PROCESS USING IRFM

• PROCEDE DE REALISATION D'UNE OPERATION DE PAIEMENT PAR EMV AU MOYEN D'UNE MESSAGERIE IRFM

(71) SK TELECOM CO., LTD [KR/KR]; 99, Seorin-Dong, Jongro-Ku, 110-110 Seoul (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JUNG, Eun Su [KR/KR]; 808-806, Joogong Apt., Burim-dong, 427-050 Gwachun-si, Kyunggi-do (KR). PARK, Jong Sung [KR/KR]; 301, 316-229, Sadang 1-dong, Dongjak-gu, 156-091 Seoul (KR). SEONG, Kwon Je [KR/KR]; 303-1602, Sinhan Apt., Mugigae Maeul, 201,

Gumi-dong, Boondang-gu, 463-810 Sungnam-si, Kyunggi-do (KR). CHOI, Chang Ho [KR/KR]; 305-303, Geumho Apt., Baikma Maeul, Madu 1-dong, Ilsan-gu, 411-351 Goyang, Kyunggi-do (KR).

(74) PARK, Lae Bong; 1Fl., Dongun Bldg., 413-4, Dogok 2-Dong, Kangnam-gu, 135-272 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 03/038713 (13) A1

(21) PCT/KR02/02018

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ko (26) en

(30) 2001/67071 30 Oct/oct 2001 KR (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INTERNET ADVERTISEMENT SYSTEM AND METHOD OF DESIGN PAGE

• SYSTEME DE PUBLICITE PAR INTERNET ET PROCEDE DE PAGE DE CONCEPTS

(71, 72) LEE, Won-jon [KR/KR]; 744-16HO Yoksam 1-dong Kangnam-gu, 135-924 Seoul (KR).

(74) KIM, Eun-gu; Pedison International Patent And Law Office, 824-28(3f) Yoksam-dong Kangnam-gu, 135-080 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 03/038714 (13) A2

(21) PCT/NL02/00702

(22) 4 Nov/nov 2002 (04.11.2002)

(25) en (26) en

(30) 60/335,298 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SOFTWARE AND SYSTEMS FOR FACILITATING E-BUSINESS

• LOGICIEL ET SYSTEMES DE COMMERCE ELECTRONIQUE

(71) LINKWARE SYSTEMS B.V. [NL/NL]; Kampweg 27, NL-3981 EX Bunnik (NL).
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(72, 75) KLYHN, Henning [NL/NL]; Kampweg 27, NL-3981 EX Bunnik (NL).

(74) de HOOP, Eric; Octrooibureau Vriesendorp & Gaade, P.O. Box 266, NL-2501 AW The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06F 17/60

(11) WO 03/038715 (13) A2

(21) PCT/PL02/00051

(22) 17 Jul/juil 2002 (17.07.2002)

(25) en (26) en

(30) P-349 802 21 Sep/sep 2001 PL (21.09.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A METHOD FOR THE PLANNING OF A COMPANY'S FIXED ASSETS MANAGEMENT PROCESS

- PROCEDE DE PLANIFICATION D'UN PROCESSUS DE GESTION DES IMMOBILISATIONS CORPORELLES D'UNE SOCIETE

(71) ABB Sp. z o. o. [PL/PL]; ul. Bitwy warszawskiej 1920r, nr 18, PL-02-366 Warszawa (PL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WNEK, Maciej [PL/PL]; ul. Królowej Jadwigi 34, PL-30-209 Kraków (PL).
KARANDIKAR, Harsh [DE/DE]; Gaisbergstrasse 40A, 69115 Heidelberg (DE).
SPILLER, John [GB/GB]; 1 Theynes Croft Long Ashton, Bristol BS419NA (GB).

(74) CHOCHOROWSKA-WINIARSKA, Krystyna; ABB Corporate Research, ul. Starowislna 13A, PL-31-038 Kraków (PL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51) G06F 17/60

(11) WO 03/038716 (13) A2

(21) PCT/SE02/01915

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 0103642-5 1 Nov/nov 2001 SE (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A METHOD AND A SYSTEM FOR IMPROVED TRADING DERIVATIVE CONTRACTS AND COMBINATIONS THEREOF

- PROCEDE ET SYSTEME D'AMELIORATION COMMERCIALE DE CONTRATS SUR DERIVES ET COMBINAISONS CORRESPONDANTES

(71) OM TECHNOLOGY AB [SE/SE]; Norrlandsgatan 31, S-105 78 Stockholm (SE).

(72) LUNDBERG, Jonas; Birger Jarlsgatan 105, 4tr, S-113 56 Stockholm (SE).
NEGISHI, Daniel; Furusundsgatan 14, S-115 37 Stockholm (SE).

(74) OM TECHNOLOGY AB; Staffan Sandström et al, Norrlandsgatan 31, S-105 78 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 17/60

(11) WO 03/038717 (13) A1

(21) PCT/US02/29231

(22) 13 Sep/sep 2002 (13.09.2002)

(25) en (26) en

(30) 10/029,355 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INFORMATION MANAGEMENT AND MATERIAL DISTRIBUTION FOR STERILIZATION FACILITIES

- GESTION D'INFORMATION ET DISTRIBUTION DE MATIERE POUR INSTALLATION DE STERILISATION

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) HEHENBERGER, Rodney, K.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
NEES, Terry, S.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) BURTIS, John, A. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G06F 17/60

(11) WO 03/038718 (13) A2

(21) PCT/US02/31191

(22) 30 Sep/sep 2002 (30.09.2002)

(25) en (26) en

(30) 10/021,468 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEM AND METHOD FOR FACILITATING RECIPROCATIVE SMALL BUSINESS FINANCIAL INFORMATION EXCHANGES

- SYSTEME ET PROCEDE FACILITANT LES ECHANGES RECIPROQUES D'INFORMATIONS FINANCIERES CONCERNANT LES PETITES ET MOYENNES ENTREPRISES

(71) EQUIFAX, INC. [US/US]; 1550 Peachtree Street, N.W., Atlanta, GA 30309 (US).

(72) ALIFFI, Patrick, A.; 7250 Wyngate Drive, Cumming, GA 30040 (US).
ELLISON, Barbara, Jo; 845 Stark Road, Jackson, GA 30233-9743 (US).
MIR, Nader; 4175 Bellflower Drive, Alpharetta, GA 30005

(US). BREWER, Frank, D., Jr.; 10425 Turner Road, Roswell, GA 30076 (US).

(74) PRATT, John, S.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309-4530 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 03/038719 (13) A1

(21) PCT/US02/34503

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 10/003,847 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ONE-TIME CREDIT CARD NUMBER GENERATOR AND SINGLE ROUND-TRIP AUTHENTICATION
• GENERATEUR DE NUMERO DE CARTE DE CREDIT UNIQUE ET AUTHENTIFICATION ALLER-RETOUR UNIQUE

(71) ARCOT SYSTEMS, INC. [US/US]; 3200 Patrick Henry Drive, Suite 200, Santa Clara, CA 95054-1816 (US).

(72) RAJASEKARAN, Sanguthevar; 2260 Homestead Court, Apt. 209, Los Altos, CA 94024 (US). VARADARAJAN, Rammo-han; 11674 Seven Springs Drive, Cupertino, CA 95014 (US).

(74) ALBERT, Philip, H. 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 17/60

(11) WO 03/038720 (13) A2

(21) PCT/US02/34584

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/346,077 29 Oct/oct 2001 US (29.10.2001)

(30) 10/281,560 28 Oct/oct 2002 US (28.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PROCESS DEVELOPMENT PROCESS METHODOLOGY

• METHODOLOGIE D'ELABORATION DE PROCEDES

(71) SCHLUMBERGER OMNES, INC. [US/US]; 5599 San Felipe, Suite 1700, Houston, TX 77056 (US).

(72) GUICCIARDI, Diego; 2100 Bering Drive, #733, Houston, TX 77057 (US). LUCAS, George, P.; 3902 Panorama Drive, Missouri City, TX 77056-2720 (US).

(74) ROSENTHAL, Alan, D. et al. / etc.; Rosenthal & Osha L.L.P., 1221 McKinney Avenue, Suite 2800, Houston, TX 77010 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(t) for all designations / pour toutes les désignations

(51)⁷ G06F 17/60, H04L 1/00, H05B 6/68, G05B 19/02

(11) WO 03/038721 (13) A1

(21) PCT/US02/34745

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/003,041 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • REMOTE UPDATING OF INTELLIGENT HOUSEHOLD APPLIANCES

• MISE A JOUR A DISTANCE D'APPAREILS DOMESTIQUES INTELLIGENTS

(71) SALTON, INC. [US/US]; 1955 West Field Court, Lake Forest, IL 60045 (US).

(72) WILLIAMSON, Charles, G.; 1027 Hickory Hill Drive, Columbia, MO 65202 (US).

(74) SIGALE, Jordan, A. et al. / etc.; Sonnenschein Nath & Rosenthal, P.O. Box 061080, Wacker Drive Station, Sears Tower, Chicago, IL 60606-1080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F 17/60

(11) WO 03/038722 (13) A1

(21) PCT/US02/35229

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 09/999,378 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEM AND METHOD EMPLOYING CAPACITY/DEMAND MANAGEMENT IN PREPARED FOOD SERVICE INDUSTRY

• SYSTEME ET PROCEDE DE GESTION DE CAPACITE/DEMANDE MIS EN OEUVRE DANS L'INDUSTRIE DE LA RESTAURATION

(71) GOALASSIST CORPORATION [US/US]; Suite 912, 3131 Excelsior Boulevard, Minneapolis, MN 55416 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAMMANN, Jerald, A. [US/US]; Suite 912, 3131 Excelsior Boulevard, Minneapolis, MN 55416 (US).

(74) BILLIG, Patrick, A.; Dicke, Billig & Czaja, P.A., Suite 1250, 701 Fourth Avenue South, Minneapolis, MN 55415 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06F 17/60

(11) WO 03/038723 (13) A1

(21) PCT/US02/04148

(22) 11 Feb/fév 2002 (11.02.2002)

(25) en (26) en

(30) 09/999,618 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS TO FACILITATE A TRANSACTION WITHIN A NETWORK-BASED AUCTION FACILITY

• PROCEDE ET APPAREIL DESTINES A FACILITER UNE TRANSACTION A L'INTERIEUR D'UNE INSTALLATION DE VENTE AUX ENCHERES EN RESEAU

(71) EBAY, INC. [US/US]; 2125 Hamilton Avenue, San Jose, CA 95125 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) POON, Alex, D. [US/US]; 14300 Saddle Mountain Drive, Los Altos Hills, CA 94022 (US). LEAHY, Scott [US/US]; 1641 Tiffany Way, San Jose, CA 95125 (US). WILSON, Mike [US/US]; 24325 Glenwood Drive, Los Gatos, CA 95030 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 03/038724 (13) A2

(21) PCT/CA02/01632

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 2,360,987 1 Nov/nov 2001 CA (01.11.2001)

(30) 60/349,371 22 Jan/jan 2002 US (22.01.2002)

(30) 60/349,339 22 Jan/jan 2002 US (22.01.2002)

(30) 60/393,385 5 Jul/juil 2002 US (05.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PROTEIN SEQUENCE ANALYSIS APPARATUS, METHODS, COMPUTER-READABLE MEDIA, COMPUTER PROGRAMS, SIGNALS AND DATA STRUCTURES

• APPAREIL D'ANALYSE D'UNE SEQUENCE PROTEIQUE, PROCEDES, SUPPORTS LISIBLES PAR ORDINATEUR, PROGRAMMES INFORMATIQUES, SIGNAUX ET STRUCTURES DE DONNEES

(71) THE UNIVERSITY OF BRITISH COLUMBIA [CA/CA]; University - Industry Liaison Office, IRC Room 331 - 2194 Health Sciences Mall, Vancouver, British Columbia V6T 1Z3 (CA).

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(72, 75) REINER, Neil, E. [CA/CA]; 620 West 17th Avenue, Vancouver, British Columbia V5Z 1T8 (CA). TCHERKASSOV, Artem [RU/CA]; #1006, 550 West 12th Avenue, Vancouver, British Columbia V5Z 1M3 (CA). NANDAN, Devki [CA/CA]; 7657 Prince Edward Street, Vancouver, British Columbia V5X 3R4 (CA).

(74) ROBINSON, J., Christopher et al. / etc.; Smart & Biggar, Vancouver Centre, Box 11560, Suite 2200, 650 West Georgia Street, Vancouver, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F 19/00

(11) WO 03/038725 (13) A2

(21) PCT/DE02/03969

(22) 21 Oct/oct 2002 (21.10.2002)

(25) de (26) de

(30) 101 51 987.7 22 Oct/oct 2001 DE (22.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PREPARATION OF A SELECTION OF CONTROL VARIABLES FOR A DOSE DISTRIBUTION TO BE REGULATED IN A TECHNICAL APPLIANCE

• PREPARATION D'UNE SELECTION DE GRANDEURS DE COMMANDE POUR UNE REPARTITION DES DOSES A REGLER DANS UN APPAREIL INDUSTRIEL

(71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Leonrodstrasse 54, 80636 München (DE).

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(72, 75) TRINKAUS, Hans [DE/DE]; Hammelstrift 9A, 67661 Kaiserslautern (DE). KUEFER, Karl-Heinz [DE/DE]; Ringstrasse 42, 67685 Weilerbach (DE).

(74) 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 G06F 19/00, C12Q 1/68

(11) WO 03/038726 (13) A2

(21) PCT/EP02/11960

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 60/334,708 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A METHOD FOR EPIGENETIC KNOWLEDGE GENERATION

• PROCEDE DE GENERATION DE CONNAISSANCES EPIGENETIQUES

(71) EPIGENOMICS AG [DE/DE]; Kastanienallee 24, 10435 Berlin (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERLIN, Kurt [DE/DE]; Marienkäferweg 4, 14532 Stahnsdorf (DE). BRAUN, Aron [CH/DE]; Christinenstrasse 42, 10119 Berlin (DE). ADORJAN, Peter [DE/DE]; Dunckerstrasse 4, 10437 Berlin (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06F 19/00

(11) WO 03/038727 (13) A2

(21) PCT/EP02/12196

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

- (30) 1019277 **1 Nov/nov 2001** NL
(01.11.2001) / modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW. (for all designated States except / pour tous
les États désignés sauf US)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • EXPERT SYSTEM FOR MEDICAL DI-
AGNOSIS
• SYSTEME EXPERT POUR DIAGNOS-
TICS MEDICAU
- (71) VIVICI B.V. [NL/NL]; Middelstebracht 87
a, 2312 TT Leiden (NL).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) VERLINDEN, Stefan, Federic, Fran-
ciscus [NL/NL]; Hoge Morsweg 91, 2332 H7
Leiden (NL). VERLINGEN, Hendrikus,
Johannes [NL/NL]; Blauwe Vogelweg 7,
2333 VL Leiden (NL).
- (74) DELTAPATENTS B.V.; De Zaale 11, PO
BOX 80, 5600 AB Eindhoven (NL).
- (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 G06F 19/00
(11) WO 03/038728 (13) A2
(21) PCT/IB02/04839
(22) 1 Nov/nov 2002 (01.11.2002)
(25) en (26) en
(30) PA 2001 01616 **1 Nov/nov 2001** DK
(01.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • A COMPUTER SYSTEM AND
METHOD USING MASS SPECTROM-
ETRY DATA AND A PROTEIN DATA-
BASE FOR IDENTIFYING UNKNOWN
PROTEINS
• SYSTEME INFORMATIQUE ET PRO-
CEDE UTILISANT DES DONNEES DE
SPECTROMETRIE DE MASSE ET UNE
BASE DE DONNEES PROTEINE POUR
L'IDENTIFICATION DE PROTEINES
INCONNUES
- (71) BIOBRIDGE COMPUTING AB [SE/SE];
Science Park Ideon, Ole Römers väg 12,
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(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) HÄKKINEN, Jari [SE/SE]; Ejdergatan
17, S-215 67 Malmö (SE). RÖGNVALDS-
SON, Thorsteinn [SE/SE]; Prästvågen 72,
S-302 63 Halmstad (SE). SAMUELSSON,
Jim [SE/SE]; Brogatan 8, S-211 44 Malmö
(SE).
- (74) PLOUGMANN & VINGTOFT A/S; Sund-
krogsgade 9, P.O. Box 831, DK-2100 Copen-
hagen Ø (DK).
- (81) AE AG AL AM AT (Utility model / modèle
d'utilité) 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
- (51)⁷ G06F 19/00
(11) WO 03/038729 (13) A1
(21) PCT/US02/31608
(22) 31 Oct/oct 2002 (31.10.2002)
(25) en (26) en
(30) 60/330,787 **31 Oct/oct 2001** US
(31.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • MAN-MACHINE INTERFACE FOR
MONITORING AND CONTROLLING
A PROCESS
• INTERFACE HOMME-MACHINE PER-
METTANT DE SURVEILLER ET DE
COMMANDER UN PROCEDE
- (71) TOKYO ELECTRON LIMITED [JP/JP];
TBS Broadcast Center, 3-6, Akasaka
5-chome, Minato-ku, Tokyo 107 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) PARSONS, Richard [US/US]; 14853
North 46th Street, Phoenix, AZ 85032 (US).
DELP, Deana, R. [US/US]; 1611 East Laura
Lane, Tempe, AZ 85283 (US).
- (74) CASEY, Michael, R.; Oblon, Spivak, Mc-
Clelland, Maier & Neustadt, P.C., 1940 Duke
Street, Alexandria, VA 22314 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 19/00
(11) WO 03/038730 (13) A1
(21) PCT/US02/34049
(22) 24 Oct/oct 2002 (24.10.2002)
(25) en (26) en
(30) 09/998,863 **1 Nov/nov 2001** US
(01.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • SOIL AND TOPOGRAPHY SURVEY-
ING
• RELEVÉ DES SOLS ET DE LA TOPO-
GRAPHIE
- (63) US 09/998,863 (CON)
1 Nov/nov 2001 (01.11.2001)
- (71) SOIL AND TOPOGRAPHY INFORMA-
TION, LLC [US/US]; 2453 Atwood Avenue,
Madison, WI 53704 (US).
- (72, 75) ROONEY, Daniel, James [US/US];
1435 Morrison Street, Madison, WI 53703
(US). DUDKA, Marek [US/US]; 2369 Eff-
ingham Way, Sun Prairie, WI 53590 (US).
CHEYNE, Mark, Andrew [US/US]; 324 W.
Sugar Lane, Milwaukee, WI 53217 (US).
- (74) BABINEAU, James, W.; Fish & Richardson
P.C., 225 Franklin Street, Boston, MA 02110
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN
YU ZA ZM ZW AP (GH GM KE LS MW MZ SD
SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL PT SE
SK TR) OA (BF BJ CF CG CI CM GA GN GQ
GW ML MR NE SN TD TG)
(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN
YU ZA ZM ZW AP (GH GM KE LS MW MZ SD
SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL PT SE
SK TR) OA (BF BJ CF CG CI CM GA GN GQ
GW ML MR NE SN TD TG)
-
- (51)⁷ G06F 19/00
(11) WO 03/038731 (13) A2
(21) PCT/US02/34884
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 60/335,976 **31 Oct/oct 2001** US
(31.10.2001)
(30) 10/282,644 **29 Oct/oct 2002** US
(29.10.2002)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • A HEALTHCARE SYSTEM AND USER
INTERFACE FOR CONSOLIDATING
PATIENT RELATED INFORMATION
FROM DIFFERENT SOURCES
• SYSTEME DE SANTE ET INTER-
FACE UTILISATEUR PERMETTANT

DE CONSOLIDER DES INFORMATIONS DE PATIENT PROVENANT DE SOURCES DIFFERENTES

- (71) **SIEMENS MEDICAL SOLUTIONS HEALTH SERVICES CORPORATION** [US/US]; 51 Valley Stream Parkway, Malvern, PA 19355 (US).
- (72) **MAUGHAN, Rex, Wendell**; 5926 South Normandy Oaks Circle, Murray, UT 84123 (US). **JACOBSEN, Jeffrey, Brent**; 1465 East 1425 North, Logan, UT 84321 (US).
- (74) **BURKE, Alexander, J. et al.** / etc.; Siemens Corporation, Intellectual Property Dept., 186 Wood Avenue South, Iselin, NJ 08830 (US).
- (81) CA JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G06K

- (11) **WO 03/038732** (13) A2
- (21) PCT/US02/35204
- (22) **1 Nov/nov 2002 (01.11.2002)**
- (25) en (26) en
- (30) 10/001,475 **1 Nov/nov 2001** US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND SYSTEM FOR MANAGING COMMITMENTS, REDUCING MEASUREMENT ERRORS, AND MAKING SAFE DISCLOSURES
- PROCEDE ET SYSTEME DE GESTION DES ENGAGEMENTS, DE REDUCTION DES ERREURS DE MESURE ET DE PRESENTATIONS SURES

- (63) US 10/001,475 (CIP) 1 Nov/nov 2001 (01.11.2001)
- (71, 72) **GROZ, Marc, M.** [US/US]; 244 Madison Avenue, # 377, New York, NY 10016 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06K 7/00, 19/07, 7/08, G01S 13/02, H04B 1/38

- (11) **WO 03/038733** (13) A1
- (21) PCT/DE02/03985
- (22) **22 Oct/oct 2002 (22.10.2002)**
- (25) de (26) de
- (30) 101 51 856.0 **24 Oct/oct 2001** DE (24.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR THE SELF-TRIMMING OF A RESONANCE CIRCUIT
- PROCEDE D'EQUILIBRAGE AUTOMATIQUE D'UN CIRCUIT DE COMMUTATION RESONNANT

- (71) **ZENTRUM MIKROELEKTRONIK DRESDEN AG** [DE/DE]; Grenzstrasse 28, 01109 Dresden (DE).
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- (72, 75) **SYMANZIK, Horst** [DE/DE]; Altenberger Strasse 22, 01277 Dresden (DE). **HOFMANN, Falk** [DE/DE]; Martin-Luther-Strasse 16, 01099 Dresden (DE). **EICHLER, Joerg** [DE/DE]; Sagarder Weg 8, 01109 Dresden (DE). **SCHUBERT, Stefan** [DE/DE]; Lindenallee 64, 09599 Freiberg (DE).
- (74) **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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 G06K 7/00, G07D 11/00, G07B 17/00

- (11) **WO 03/038734** (13) A1
- (21) PCT/IB02/03872
- (22) **18 Sep/sep 2002 (18.09.2002)**
- (25) en (26) en
- (30) 60/335,180 **2 Nov/nov 2001** US (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PACKAGE IDENTIFYING SYSTEM
- SYSTEME D'IDENTIFICATION DE PAQUETS
- (71) **G. HOLDINGS LTD** [BS/BS]; 1A, Star Plaza, Mackey St., P.O. Box SS-19013, Nassau (BS).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GAILLARD, Joel** [FR/BS]; 1A, Star Plaza, Mackey ST., P.O. Box SS-19013, Nassau (BS).
- (74) **GAILLARD, Joel**; 1440, Ste-Catherine St. West, Office 700, Montreal, Québec H3G 1R8 (CA).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ G06K 9/60
- (11) **WO 03/038735** (13) A1
- (21) PCT/US02/35059
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) en (26) en
- (30) 10/003,339 **31 Oct/oct 2001** US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • REMOTE AUTOMATIC REPORTING SYSTEM AND METHOD
- SYSTEME ET PROCEDE DE D'ETABLISSEMENT DE RAPPORTS AUTOMATIQUE A DISTANCE
- (71) **CALL-TELL LLC** [US/US]; 446 Barnegat Lane, Redwood City, CA 94065-1246 (US).
- (72) **TREIBACH-HECK, Varda**; 446 Barnegat Lane, Redwood City, CA 94065-1246 (US). **JOHNSON, Bruce**; 19730 Tuba Street, Chatsworth, CA 91311 (US). **CALDWELL, Byron, G.**; 2350 S. Bentley #18, Los Angeles, CA 90064 (US). **GOLLOM, David, Alan**; 11860 Tennessee Place, Los Angeles, CA 90064 (US).
- (74) **PEARCE, Jeffrey**; 34825 Sultan-Startup Road, Sultan, WA 98294 (US).
- (81) AT AU BR CA CH CN CZ DE DK EE ES FI GB HU IL IN JP KR LT LU LV MX NO NZ PL PT RU SE SG TR UA.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)⁷ G06K 11/00

- (11) **WO 03/038736** (13) A2
- (21) PCT/US02/34295
- (22) **25 Oct/oct 2002 (25.10.2002)**
- (25) en (26) en
- (30) 10/000,422 **31 Oct/oct 2001** US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IMPROVED OPTICAL WINDOW FOR GENERATING WAVEFORMS
- FENETRE OPTIQUE AMELIOREE POUR PRODUIRE DES FORMES D'ONDE
- (71) **INTEL CORPORATION (a Delaware Corporation)** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) **SCHKOLNIK, Daniel**; 3105 SE 51st Avenue, Portland, OR 97206 (US).
- (74) **STEWART, James; Marger, Johnson & McCollom**, 1030 SW Morrison Street, Portland, OR 97205 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06K 11/16

(11) WO 03/038737 (13) A2

(21) PCT/EP02/12005

(22) 28 Oct/oct 2002 (28.10.2002)

(25) de (26) de

(30) 101 53 404.3 1 Nov/nov 2001 DE (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TOUCH AND/OR WRITING PRESSURE DETECTOR

• DISPOSITIF CAPTEUR DE PRESSION DE TOUCHER ET/OU D'ECRITURE

(71, 72) BALTUS, René [DE/DE]; Auf den Steinen 7, 53125 Bonn (DE).

(74) COHAUSZ DAWIDOWICZ HANNIG & PARTNER; Schumannstrasse 97-99, 40237 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX NZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06K 15/00, 7/10, 5/04, G06F 17/60

(11) WO 03/038738 (13) A1

(21) PCT/US02/34232

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 60/348,000 26 Oct/oct 2001 US (26.10.2001)

(30) 10/207,658 29 Jul/juil 2002 US (29.07.2002)

(30) 60/420,549 23 Oct/oct 2002 US (23.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR APPLYING BAR CODE INFORMATION TO PRODUCTS DURING PRODUCTION

• PROCEDE ET APPAREIL PERMETTANT D'APPLIQUER DES INFORMATIONS DE CODE A BARRES SUR DES PRODUITS PENDANT LA PRODUCTION DE CEUX-CI

(71) INTERNATIONAL BARCODE CORPORATION [US/US]; 31st Floor, 489 Fifth Avenue, New York, NY 10017 (US). (for all designated States except / pour tous les États désignés sauf US)

(71, 72) LUBOW, Allen [US/US]; 692 10th Street, Brooklyn, NY 11215-4502 (US). BARENBURG, Ron [US/US]; Apt. 3C, 210 East 15th Street, New York, NY 10003 (US).

(74) HOPPIN, Ralph, F.; c/o Brown Raysman Millstein Felder & Steiner, 900 Third Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06K 17/00, 9/00

(11) WO 03/038739 (13) A1

(21) PCT/GB02/04639

(22) 14 Oct/oct 2002 (14.10.2002)

(25) en (26) en

(30) 0126190.8 31 Oct/oct 2001 GB (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS AND METHOD FOR DETERMINING SELECTION DATA FROM PRE-PRINTED FORMS

• APPAREIL ET PROCEDE DE DETERMINATION DE DONNEES DE SELECTION PROVENANT DE FORMES PRE-IMPRIMEES

(71, 72) AU-YEUNG, James [GB/GB]; 6 Astor Close, Kingston, Surrey KT2 7LT (GB). SACKIN, Stevie [GB/GB]; 6 Astor Close, Kingston, Surrey KT2 7LT (GB).

(74) GILL, David, Alan; W.P. Thompson & Co., Celcon House, 289-293 Hih Holborn, London WC1V 7HU (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 MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06K 17/00, 19/07, G06F 1/00

(11) WO 03/038740 (13) A1

(21) PCT/JP02/10544

(22) 10 Oct/oct 2002 (10.10.2002)

(25) ja (26) ja

(30) 2001/334970 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INFORMATION PROCESSING TERMINAL OR CONTROL METHOD THEREOF

• TERMINAL DE TRAITEMENT D'INFORMATIONS ET SON PROCEDE DE COMMANDE

(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) FUKADA, Akira [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP). TAMAI, Hironobu [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP). SEKIYA, Shuichi [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP). OSHIMA, Takuya [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP).

(74) YAMADA, Eiji et al. / etc.; Sawada, Miyata & Yamada Patent Office, Ginza TK Bldg., 1-7, Shintomi 1-chome, Chuo-ku, Tokyo 104-0041 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ G06K 19/06

(11) WO 03/038741 (13) A1

(21) PCT/SE02/01962

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 0103589-8 29 Oct/oct 2001 SE (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND DEVICE FOR DECODING A POSITION-CODING PATTERN

• PROCEDE ET DISPOSITIF POUR LE DECODAGE D'UN MODELE DE CODAGE DE POSITION

(71) ANOTO AB [SE/SE]; Scheelvägen 19 C, S-223 70 Lund (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PETERSSON, Mats, Petter [SE/SE]; Magistratsvägen 57E:27, S-226 44 Lund (SE).

(74) AWAPATENT AB; Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06K 19/07, 19/077

(11) WO 03/038742 (13) A1

(21) PCT/FR02/03740

(22) 30 Oct/oct 2002 (30.10.2002)

(25) fr (26) fr

(30) 01/14226 2 Nov/nov 2001 FR
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CONTACT-FREE MICROCIRCUIT CARD INCORPORATING A KEYBOARD AND METHOD FOR USING SAME

• CARTE A MICROCIRCUIT SANS CONTACT INCORPORANT UN CLAVIER ET PROCEDE D'UTILISATION D'UNE TELLE CARTE

(71) OBERTHUR CARD SYSTEMS SA [FR/FR]; 102, boulevard Maiesherbes, F-75017 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOUVARD, Jérôme [FR/FR]; 1, rue Fontenelle, Bâtiment F, 1, F-4150 Ouistreham (FR).

(74) CABINET BONNET-THIRION; 12, avenue de la Grande-Armée, B.P. 966, F-75829 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 19/07

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(21) PCT/JP02/10542

(22) 10 Oct/oct 2002 (10.10.2002)

(25) ja (26) ja

(30) 2001-334965 31 Oct/oct 2001 JP
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • IC CHIP AND INFORMATION PROCESSING TERMINAL

• PUCE DE CIRCUIT INTEGRE ET TERMINAL DE TRAITEMENT DE L'INFORMATION

(71) SONY CORPORATION [JP/JP]; 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARISAWA, Shigeru [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP). YAMAGATA, Akihiko [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP).

(74) YAMADA, Eiji et al. / etc.; Sawada, Miyata & Yamada Patent Office, Ginza TK Bldg., 1-7, Shintomi 1-chome, Chuo-ku, Tokyo 104-0041 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G06K 19/07, H04M 11/00, G06F 13/00

(11) WO 03/038744 (13) A1

(21) PCT/JP02/11195

(22) 29 Oct/oct 2002 (29.10.2002)

(25) ja (26) ja

(30) 2001-334966 31 Oct/oct 2001 JP
(31.10.2001)

(30) 2002-288744 1 Oct/oct 2002 JP
(01.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • IC CARD, INFORMATION PROCESSING TERMINAL, TRILATERAL DATA COMMUNICATION SYSTEM, AND METHOD

• CARTE A CIRCUIT INTEGRE, TERMINAL DE TRAITEMENT D'INFORMATION, SYSTEME DE COMMUNICATION DE DONNEES TRILATERAL, ET PROCEDE ASSOCIE

(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) YAMAGATA, Akihiko [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP). FUKADA, Akira [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP).

(74) YAMADA, Eiji et al. / etc.; Sawada, Miyata & Yamada Patent Office, Ginza TK Bldg., 1-7, Shintomi 1-chome, Chuo-ku, Tokyo 104-0041 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G06K 19/077

(11) WO 03/038745 (13) A1

(21) PCT/CH01/00644

(22) 31 Oct/oct 2001 (31.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • TRANSPONDER IC WITH OPTIMIZED DIMENSIONS

• CIRCUIT INTEGRE DE TRANSPONDEUR A DIMENSIONS OPTIMISEES

(71) SOKYMAT S.A [CH/CH]; zone industrielle, CH-1614 Granges (Veveysse) (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BIELMANN, Marc [CH/CH]; 4, Pierre-Nicolas-Chenaux, CH-1635 La Tour-de-Trême (CH). FURTER, Urs [CH/CH]; En Novalette, CH-1845 Noville (CH). MIEHLING, Martin [DE/CH]; ch. de Nanchy, CH-1614 Granges (Veveysse) (CH).

(74) ROLAND, André; Avenue Tissot 15, CP 1255, CH-1001 Lausanne (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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

(11) WO 03/038746 (13) A1

(21) PCT/FR02/03360

(22) 2 Oct/oct 2002 (02.10.2002)

(25) fr (26) fr

(30) 01/14143 31 Oct/oct 2001 FR
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEFORMABLE STRIP WHICH IS INTEGRATED INTO A MODULE FOR CORE ELECTRICAL CONNECTION

• LANGUETTE DEFORMABLE INTEGREE A UN MODULE POUR RACCORDEMENT ELECTRIQUE A COEUR

(71) GEMPLUS [FR/FR]; Parc d'Activités de Gemenos, Avenue du Pic de Bertagne, F-13420 Gemenos (FR).

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(72, 75) CALVAS, Bernard [FR/FR]; Villa 38, 22, rue Thyde Monnier, F-13011 Marseille (FR). PATRICE, Philippe [FR/FR]; 54, bld des Cigales, F-13011 Marseille (FR). ELBAZ, Didier [FR/FR]; 103, Bld de Saint Loup, F-13010 Marseille (FR).

(74) KEMPF, Dominique; Gemplus, Service brevets, BP 100, F-13881 Gemenos Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ G06K 19/077

(11) WO 03/038747 (13) A2

(21) PCT/IB02/05095

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/012,206 29 Oct/oct 2001 US (29.10.2001)

(30) 10/228,180 26 Aug/août 2002 US (26.08.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • WAVE ANTENNA WIRELESS COMMUNICATION DEVICE AND METHOD
• DISPOSITIF DE RADIOCOMMUNICATIONS A ANTENNE BEVERAGE, ET PROCEDE CORRESPONDANT

(71) MARCONI COMMUNICATIONS, INC. [US/US]; 1000 Marconi Drive, Warrendale, PA 15086-7502 (US).

(72) FORSTER, Ian, James; 31 Great Cob, Springfield, Chelmsford, Essex CM1 6LA (GB). HORRELL, Peter, Robert, George; 22 Rothesay Avenue, Chelmsford, Essex CM2 9BU (GB). KING, Patrick, F.; 418 North Park Boulevard, Glen Ellyn, IL 60137 (US). PFEIFFER, Michael, J.; 2745 Bristol Drive, Apt 207, Lisle, IL 60532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G06K 19/077, H05K 3/18

(11) WO 03/038748 (13) A1

(21) PCT/NL02/00688

(22) 29 Oct/oct 2002 (29.10.2002)

(25) nl (26) en

(30) 1019264 31 Oct/oct 2001 NL (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ROTARY SCREEN PRINTING METHOD FOR MANUFACTURING AN ANTENNA

• PROCEDE D'IMPRESSIION AU CADRE ROTATIF POUR PRODUIRE UNE ANTENNE

(71) STORK PRINTS B.V. [NL/NL]; 3, Raamstraat, NL-5831 AT Boxmeer (NL).

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(72, 75) LEERKAMP, Peter [NL/NL]; Braamsluiper 1, NL-5831 PW Boxmeer (NL). BLANKENBORG, Stephanus, Gerardus, Johannes [NL/NL]; Veemarkt 10, NL-6511 ZD Nijmegen (NL).

(74) VOLMER, J.C.; Exter Polak & Charlois B.V., P.O. Box 3241, NL-2280 Ge 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06N 5/02

(11) WO 03/038749 (13) A1

(21) PCT/US02/34571

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 60/335,654 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND SYSTEM FOR IMPLEMENTING EVOLUTIONARY ALGORITHMS

• PROCEDE ET SYSTEME DE MISE EN OEUVRE D'ALGORITHMES EVOLUTIONNAIRES

(71) ICOSYSTEM CORPORATION [US/US]; 545 Concord Avenue, Cambridge MA 02138 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRANKE, Juergen [DE/DE]; Ernststrasse 17, Karlsruhe 76131 (DE). CAMPOS, Michael [US/US]; 3007 Garcia Walk, Los Angeles, CA 90026 (US).

(74) MORRIS, Francis, E. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06T

(11) WO 03/038750 (13) A2

(21) PCT/US02/34422

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/335,038 30 Oct/oct 2001 US (30.10.2001)

(30) 60/343,381 21 Dec/déc 2001 US (21.12.2001)

(30) 60/343,374 21 Dec/déc 2001 US (21.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR UTILIZING REPRESENTATIONAL IMAGES IN ANALYTICAL ACTIVITIES

• PROCEDES ET APPAREIL POUR UTILISER DES IMAGES DE REPRESENTATION DANS DES ACTIVITES ANALYTIQUES

(71) POLYDIMENSION, INC. [US/US]; 1173 E. 29th Street, Brooklyn, NY 11210 (US).

(72) ERICKSON, Ronald, R.; 215 Berkeley Place, Brooklyn, NY 11217 (US). BOCK, Joel, N.; 1321 Hastings Street, Teaneck, NJ 07666 (US). SANDLER, Eliezer, D.; 1173 E. 29th Street, Brooklyn, NY 11210 (US).

(74) SANDLER, Eliezer, D.; PolyDimension, Inc., 1173 E. 29th Street, Brooklyn, NY 11210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06T 1/00, H04N 1/46, 1/60, 9/64, G09G 5/02, 5/04

(11) WO 03/038751 (13) A1

(21) PCT/JP02/11030

(22) 24 Oct/oct 2002 (24.10.2002)

- (25) ja (26) ja
- (30) 2001-338122 **2 Nov/nov 2001** JP
(02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • COLOR REPRODUCTION SYSTEM
• SYSTEME DE REPRODUCTION DES COULEURS
- (71) TELECOMMUNICATIONS ADVANCEMENT ORGANIZATION OF JAPAN [JP/JP]; 31-19, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP). 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) OHSAWA, Kenro [JP/JP]; c/o Telecommunications Advancement, Organization of Japan, 31-19, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP). YAMAGUCHI, Masahiro [JP/JP]; c/o Telecommunications Advancement, Organization of Japan, 31-19, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP). OHYAMA, Nagaaki [JP/JP]; c/o Telecommunications Advancement, Organization of Japan, 31-19, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP).
- (74) ITOH, Susumu; Musashi Bldg., 4-4, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ G06T 3/00, 1/00, 15/00, 17/40, H04N 7/18, 5/91
- (11) WO 03/038752 (13) A1
- (21) PCT/JP02/10541
- (22) 10 Oct/oct 2002 (10.10.2002)
- (25) ja (26) ja
- (30) 2001-331508 **29 Oct/oct 2001** JP
(29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • NON-FLAT IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD, RECORDING MEDIUM, AND COMPUTER PROGRAM
• APPAREIL DE TRAITEMENT D'IMAGES NON PLANES, TECHNIQUE DE TRAITEMENT D'IMAGES ET PROGRAMME INFORMATIQUE
- (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) NIELSEN, Frank [FR/JP]; c/o SONY COMPUTER SCIENCE LABORATORY INC., 3-14-13 HIGASHI-GOTANDA, SHINAGAWA-KU, Tokyo 141-0022 (JP). SUZUKI, Kosuke [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP).
- (74) YAMADA, Eiji et al. / etc.; Sawada, Miyata & Yamada Patent Office, Ginza TK Bldg., 1-7, Shintomi 1-chome, Chuo-ku, Tokyo 104-0041 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ G06T 3/40
- (11) WO 03/038753 (13) A2
- (21) PCT/IB02/04347
- (22) 18 Oct/oct 2002 (18.10.2002)
- (25) en (26) en
- (30) 01204201.6 **1 Nov/nov 2001** EP
(01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IMPROVED SPATIAL RESOLUTION OF VIDEO IMAGES
• RESOLUTION SPATIALE AMELIOREE D'IMAGES VIDEO
- (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) DE HAAN, Gerard [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LODDER, Rogier [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) STEENBEEK, Leonardus, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 7/00
- (11) WO 03/038754 (13) A1
- (21) PCT/KR02/02029
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) ko (26) en
- (30) 2001/67807 **1 Nov/nov 2001** KR
(01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR ANALYZING IMAGE OF BIOCHIP
• PROCEDE PERMETTANT D'ANALYSER L'IMAGE D'UNE PUCE A ADN
- (71) DIACHIP CO., LTD. [KR/KR]; 1510-8 Bongcheon 7-dong, Gwanak-gu, 151-057 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HWANG, Young Min [KR/KR]; Tae-jayon Apt. 102-604, Kwanjeo-dong, Seo-ku, 302-724 Taejon (KR).
- (74) JANG, Seong Ku; 17th Fl., KEC Building, 275-7, Yangjae-dong, Seocho-ku, 137-130 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK
- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06T 11/20
- (11) WO 03/038755 (13) A1
- (21) PCT/US02/34643
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 10/021,223 **30 Oct/oct 2001** US
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • LAYOUT DESIGN APPARATUS AND METHOD FOR THREE-DIMENSIONAL GRAPHICAL ENVIRONMENTS
• DISPOSITIF ET PROCEDE DE CONCEPTION DE MISE EN PAGE POUR ENVIRONNEMENTS GRAPHIQUES 3D
- (71) HEWLETT-PACKARD COMPANY [US/US]; 3000 Hanover Street, M/S 1051, Palo Alto, CA 94304-1112 (US).
- (72) CHANG, Nelson Liang An.; 1663 Alma Street, Palo Alto, CA 94301 (US).
- (74) HEMINGER, Susan E.; Hewlett-Packard Company, IP Administration, P. O. Box 272400, Ft. Collins, CO 80527-2400 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06T 11/80
- (11) WO 03/038756 (13) A1
- (21) PCT/JP02/08852
- (22) 30 Aug/août 2002 (30.08.2002)
- (25) ja (26) ja
- (30) 2001-330337 **29 Oct/oct 2001** JP
(29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • EDITION APPARATUS, EDITION METHOD, EDITION PROGRAM, AND COMPUTER-READABLE RECORDING MEDIUM CONTAINING EDITION PROGRAM
• DISPOSITIF D'EDITION, PROCEDE D'EDITION, PROGRAMME D'EDITION ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR

- CONTENANT CE PROGRAMME D'ÉDITION
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UEDA, Hirotaka [JP/JP]; 3-902-318, Sahodai, Nara-shi, Nara 630-8105 (JP). MINAKUCHI, Mitsuru [JP/JP]; 33-1, Sakakigatsubo, Hosono, Seika-cho, Soraku-gun, Kyoto 619-0241 (JP). SAKAKURA, Kentaro [JP/JP]; Raporu Tenri 535, 2613-1, Ichinomoto-cho, Tenri-shi, Nara 632-0004 (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 11/80, G06F 3/00, H04M 1/00
- (11) WO 03/038758 (13) A1
- (21) PCT/JP02/09177
- (22) 9 Sep/sep 2002 (09.09.2002)
- (25) ja (26) ja
- (30) 2001-334667 31 Oct/oct 2001 JP (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • EDITION APPARATUS, EDITION METHOD, EDITION PROGRAM, AND COMPUTER-READABLE RECORDING MEDIUM CONTAINING THE EDITION PROGRAM
- DISPOSITIF D'ÉDITION, PROCÉDE D'ÉDITION, PROGRAMME D'ÉDITION ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR CONTENANT CE PROGRAMME D'ÉDITION
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UEDA, Hirotaka [JP/JP]; 3-902-318, Sahodai, Nara-shi, Nara 630-8105 (JP). MINAKUCHI, Mitsuru [JP/JP]; 33-1, Sakakigatsubo, Hosono, Seika-cho, Soraku-gun, Kyoto 619-0241 (JP). SAKAKURA, Kentaro [JP/JP]; 535, Raporu Tenri, 2613-1, Ichinomoto-cho, Tenri-shi, Nara 632-0004 (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 JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06T 11/80, G06F 3/00, H04M 1/00
- (11) WO 03/038757 (13) A1
- (21) PCT/JP02/09176
- (22) 9 Sep/sep 2002 (09.09.2002)
- (25) ja (26) ja
- (30) 2001-331032 29 Oct/oct 2001 JP (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • APPARATUS, METHOD, AND PROGRAM FOR SELECTING A DESIRED OBJECT FROM A PLURALITY OF PRESENTED OBJECTS AND A MEDIUM CONTAINING THE PROGRAM
- APPAREIL, PROCÉDE ET PROGRAMME DE SÉLECTION D'UN OBJET RECHERCHE À PARTIR DE PLUSIEURS OBJETS PRÉSENTÉS ET SUPPORT CONTENANT LE PROGRAMME
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UEDA, Hirotaka [JP/JP]; 3-902-318, Sahodai, Nara-shi, Nara 630-8105 (JP). MINAKUCHI, Mitsuru [JP/JP]; 33-1, Sakakigatsubo, Hosono, Seika-cho, Soraku-gun, Kyoto 619-0241 (JP). SAKAKURA, Kentaro [JP/JP]; 535, Raporu Tenri, 2613-1, Ichinomoto-cho, Tenri-shi, Nara 632-0004 (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 15/00
- (11) WO 03/038760 (13) A2
- (21) PCT/US02/34578
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 10/021,186 30 Oct/oct 2001 US (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • APPARATUS AND METHOD FOR DISTRIBUTING REPRESENTATIVE IMAGES IN PARTITIONED AREAS OF A THREE-DIMENSIONAL GRAPHICAL ENVIRONMENT
- APPAREIL ET PROCÉDE DE DISTRIBUTION D'IMAGES REPRESENTATIVES DANS LES ZONES CLOISONNÉES D'UN ENVIRONNEMENT GRAPHIQUE TRIDIMENSIONNEL

(71) HEWLETT-PACKARD COMPANY [US/US]; 3000 Hanover Street, M/S 1051, Palo Alto, CA 94304-1112 (US).

(72) CHANG, Nelson Liang An.; 1663 Alma Street, Palo Alto, CA 94301 (US).

(74) HEMINGER, Susan, E.; Hewlett-Packard Company, IP Administration, P. O. Box 272400, Ft. Collins, CO 80527-2400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06T 17/00

(11) WO 03/038761 (13) A2

(21) PCT/US02/34669

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/000,119 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS FOR AND METHOD OF RENDERING 3D OBJECTS WITH PARAMETRIC TEXTURE MAPS

• APPAREIL ET PROCÉDE DE RENDU D'OBJETS 3D AVEC MAPPAGES DE TEXTURE PARAMÉTRIQUE

(71) HEWLETT-PACKARD COMPANY [US/US]; Legal Department, 3000 Hanover Street, M/S 1051, Palo Alto, CA 94304-1112 (US).

(72) MALZBENDER, Thomas; 4331 Miranda Avenue, Palo Alto, CA 94306 (US). GELB, Daniel, G.; 439 Lassen Street, Apt 2, Los Altos, CA 94022 (US).

(74) LEE, Denise, A.; Hewlett-Packard Company, IP Administration, P O Box 272400, Fort Collins, CO 80527-2400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07B 15/00

(11) WO 03/038762 (13) A2

(21) PCT/DE02/03920

(22) 16 Oct/oct 2002 (16.10.2002)

(25) de (26) de

(30) 1691/2001 24 Oct/oct 2001 AT (24.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AUTOMATIC FUNCTION CONTROL OF AN ANTENNA UNIT OF A VEHICLE-MOUNTED TOLL UNIT OF AN ELECTRONIC TOLL SYSTEM

• CONTRÔLE DE FONCTIONNEMENT AUTOMATIQUE D'UNE UNITÉ D'ANTENNE D'UNE UNITÉ DE PEAGE COTE VÉHICULE DANS UN SYSTÈME DE PEAGE ÉLECTRONIQUE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JANOS, Gila [AT/AT]; Hyrtlstr. 40/1/5, A-2340 Mödling (AT). KONRAD, Wolfgang [AT/AT]; Salurnergasse 11/1, A-2340 Mödling (AT). RENNERT, Alexander [AT/AT]; Ignazgasse 5/9, A-1120 Wien (AT).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) BR CA CN HR HU IN JP PL RU SI US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : BR CA CN HR HU IN JP PL RU SI EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) (u) for / pour US only / seulement

(51)⁷ G07B 15/00, G01C 21/00

(11) WO 03/038763 (13) A1

(21) PCT/DE02/03921

(22) 16 Oct/oct 2002 (16.10.2002)

(25) de (26) de

(30) 1680/2001 22 Oct/oct 2001 AT (22.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE FOR TEMPORARILY OVERCOMING THE LOSS OF A SATELLITE NAVIGATION SIGNAL, FOR SATELLITE NAVIGATION-BASED DUAL TOLL SYSTEMS

• DISPOSITIF PERMETTANT DE SURMONTER TEMPORAIREMENT LA PERTE D'UN SIGNAL DE NAVIGATION PAR SATELLITE, DESTINÉ À DES SYSTÈMES DE PEAGE ALTERNES FONDÉS SUR LA NAVIGATION PAR SATELLITE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JANOS, Gila [AT/AT]; Hyrtlstr. 40/1/5, A-2340 Mödling (AT). KONRAD, Wolfgang [AT/AT]; Salurnergasse 11/1, A-2340 Mödling (AT).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) BR CA CN HR HU IN JP PL RU SI US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : BR CA CN HR HU IN JP PL RU SI EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) (u) for / pour US only / seulement

(51)⁷ G07C 9/00

(11) WO 03/038764 (13) A2

(21) PCT/DE02/03931

(22) 17 Oct/oct 2002 (17.10.2002)

(25) de (26) de

(30) 101 52 349.1 24 Oct/oct 2001 DE (24.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SECURITY DEVICE

• SYSTÈME DE SÉCURITÉ

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHUMACHER, Hartmut [DE/DE]; Heideweg 6, 92263 Ebermannsdorf (DE).

GASSNER, Robert [DE/DE]; Am Kuhberg 4, 92224 Amberg (DE). KLING, André [DE/DE]; Neuenreuther Strasse 4, 95512 Neudrossenfeld (DE). BERGER, Thomas [DE/DE]; Gartenstrasse 8, 92256 Hahnbach (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) (u) for / pour US only / seulement

(51)⁷ G07C 9/00, E05B 47/00, B60R 25/00, H04B 1/16, H01L 41/113

(11) WO 03/038765 (13) A1

(21) PCT/JP02/11239

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 2001-331634 29 Oct/oct 2001 JP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SELF-POWER GENERATION TYPE TRANSMITTER

• ÉMETTEUR DE TYPE GÉNÉRATEUR D'AUTO-ALIMENTATION

(71) USC CORPORATION [JP/JP]; 6-4, Ohsaki 1-Chome, Shinagawa-ku, Tokyo 141-8571 (JP).

(72) SAKAI, Yasuhiro; c/o USC Co., Limited, 6-4 Ohsaki 1-chome, Shinagawa-ku, Tokyo 141-8571 (JP).

(74) PATENT ATTORNEY YAMAGUCHI TETSUO; 2F Maruwa Bldg. 17-10, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL 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); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G07C 13/00, G06F 17/60

(11) WO 03/038766 (13) A1

(21) PCT/EP02/13164

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 01410144.8 31 Oct/oct 2001 EP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SURVEY OF INFORMATION ABOUT A VOTE

• SONDAGE SUR DES INFORMATIONS CONCERNANT UN VOTE

(71) ACCENTURE GLOBAL SERVICES GMBH [CH/CH]; Geschäftshaus Herrenacker 15, CH-8200 Schaffhausen (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ILLSLEY, Martin [GB/FR]; 4, Chemin de Fonterines, F-06520 Magagnosc (FR).
KALDOR, Jonathan [GB/FR]; 225, Route St. Mathieu, F-06130 Grasse (FR).
BERGLUND, David [SE/FR]; Les Lavandes, N°6, Les Hameaux du Soleil, F-06270 Villeneuve Loubet (FR).
FEINBIER, Loïc [DE/FR]; Les Jardins du Lac, 604, Avenue Georges Pompidou, F-06110 Le Cannet (FR).

(74) DE BEAUMONT, Michel; Cabinet Michel de Beaumont, 1, rue Champollion, F-38000 Grenoble (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 G07D 7/00, G07F 7/08, G09F 3/02

(11) WO 03/038767 (13) A1

(21) PCT/FR02/03763

(22) 31 Oct/oct 2002 (31.10.2002)

(25) fr (26) fr

(30) 01/14148 31 Oct/oct 2001 FR (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR PRODUCT TRACEABILITY AND AUTHENTICATION

• PROCEDE DE TRACABILITE ET D'AUTHENTIFICATION DE PRODUITS

(71, 72) BOUTHIAUX, Catherine [FR/FR]; 194, rue Saint Genès, F-33000 Bordeaux (FR).

(74) POUCHUCQ, Bernard; Aquinov, 12, rue Condorcet, F-33150 Cenon (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G07D 9/00

(11) WO 03/038768 (13) A2

(21) PCT/US02/34767

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/002,711 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DUAL CASH BOX NOTE AND TICKET VALIDATOR

• CAISSE D'ARGENT LIQUIDE A DOUBLE SECTION ET ENSEMBLE DE VALIDATION DE BILLET ET DE COUPON

(63) US Not furnished / non communiqué (CIP)
Not furnished / non communiquée

(71) JCM AMERICAN CORPORATION [US/US]; 925 Pilot Road, Las Vegas, NV 89119 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEIDEL, Raymond [US/US]; 328 South Humboldt Drive, Henderson, NV 89074 (US).
ISOI, Akiyoshi [JP/US]; 2205 Menifee Court Las Vegas, NV 89134 (US).

(74) ABEL, David, B. et al. / etc.; Squire, Sanders & Dempsey L.L.P., 14th Floor, 801 South Figueroa Street, Los Angeles, CA 90017-5554 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G07F 7/10

(11) WO 03/038769 (13) A1

(21) PCT/EP02/11890

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 09/985,343 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A SYSTEM AND METHOD FOR GENERATING SYMMETRIC KEYS WITHIN A PERSONAL SECURITY DEVICE HAVING MINIMAL TRUST RELATIONSHIPS

• SYSTEME ET PROCEDE DE GENERATION DE CLES SYMETRIQUES D'UN DISPOSITIF DE SECURITE PERSONNEL (DSP) A RELATIONS DE CONFIANCE MINIMALE

(71) ACTIVCARD [FR/FR]; 24-28, avenue du Général de Gaulle, F-92156 Suresnes Cedex (FR).

(72) AUDEBERT, Yves, Louis, Gabriel; 237 Forrester Road, Los Gatos, CA 95032 (US).
LE SAINT, Eric, F.; 1161 Chopin terrace # 300, Fremont, CA 94538 (US).

(74) CABINET JP COLAS; 37, avenue Franklin D. Roosevelt, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G07F 13/06

(11) WO 03/038770 (13) A2

(21) PCT/US02/34517

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 60/346,010 29 Oct/oct 2001 US (29.10.2001)

(30) 60/330,921 2 Nov/nov 2001 US (02.11.2001)

(30) 60/330,944 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SELF-CONTAINED VENDING MACHINE FOR BEVERAGES

• DISTRIBUTEUR DE BOISSONS AUTONOME

(71, 72) CON, Alfredo [US/US]; 1215 South Castello Avenue, Los Angeles, CA 90035 (US).

(74) HAYES, Dawn, C. et al. / etc.; Katten Muchin Zavis Rosenman, Customer No. 27160, 525 West Monroe Street, Suite 1600, 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 PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07F 17/32

(11) WO 03/038771 (13) A1

(21) PCT/GB02/04907

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 0125991.0 30 Oct/oct 2001 GB
(30.10.2001)

(30) 0218542.9 9 Aug/août 2002 GB
(09.08.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PAY OUT APPARATUS FOR GAMING
MACHINES

• SYSTEME DE VERSEMENT DE GAIN
POUR MACHINES DE JEU

(71, 72) COOK, Steven [GB/GB]; 8 Calveley
Grove, Halewood, Liverpool L26 9YW (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 NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT 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 G07G 1/12, 1/14, G06F 17/60

(11) WO 03/038772 (13) A1

(21) PCT/JP01/09599

(22) 1 Nov/nov 2001 (01.11.2001)

(25) ja (26) ja

(43) 8 May/mai 2003 (08.05.2003)

(54) • POS SYSTEM, POS SERVER, SHOP
TERMINAL, SALES MANAGING
METHOD, AND RECORDING
MEDIUM

• SYSTEME POS, SERVEUR POS, TER-
MINAL DE MAGASIN, PROCEDE DE
GESTION DES VENTES ET SUPPORT
D'ENREGISTREMENT

(71) KABUSHIKI KAISHA VISUAL JAPAN
[JP/JP]; 3-12-3, Kanda Jinbocho, Chiy-
oda-ku, Tokyo 101-0051 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YAMADA, Tokuhiko [JP/JP]; c/o
Kabushiki kaisha VISUAL JAPAN, 3-12-3,

Kanda Jinbocho, Chiyoda-ku, Tokyo
101-0051 (JP).

(74) TAKINO, Hideo et al. / etc.; 4th Floor, Hiroo
SK bldg., 36-13, Ebisu 2-Chome, Shibuya-ku,
Tokyo 150-0013 (JP).

(81) CN 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 G07G 1/12, 1/14, G06F 17/60

(11) WO 03/038773 (13) A1

(21) PCT/JP01/09600

(22) 1 Nov/nov 2001 (01.11.2001)

(25) ja (26) ja

(43) 8 May/mai 2003 (08.05.2003)

(54) • POS SYSTEM, POS SERVER, SHOP
TERMINAL, SALES MANAGING
METHOD, AND RECORDING
MEDIUM

• SYSTEME ET SERVEUR POS, TER-
MINAL DE MAGASIN, PROCEDE DE
GESTION DES VENTES ET SUPPORT
D'ENREGISTREMENT

(71) KABUSHIKI KAISHA VISUAL JAPAN
[JP/JP]; 3-12-3, Kanda Jinbocho, Chiy-
oda-ku, Tokyo 101-0051 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YAMADA, Tokuhiko [JP/JP]; c/o
Kabushiki kaisha VISUAL JAPAN, 3-12-3,
Kanda Jinbocho, Chiyoda-ku, Tokyo
101-0051 (JP).

(74) TAKINO, Hideo et al. / etc.; 4th Floor, Hiroo
SK bldg., 36-13, Ebisu 2-Chome, Shibuya-ku,
Tokyo 150-0013 (JP).

(81) CN 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 G07G 1/14

(11) WO 03/038774 (13) A1

(21) PCT/JP01/09598

(22) 1 Nov/nov 2001 (01.11.2001)

(25) ja (26) ja

(43) 8 May/mai 2003 (08.05.2003)

(54) • POS SYSTEM, POS SERVER, SHOP
TERMINAL, SALE MANAGING
METHOD, AND RECORDED MEDIUM

• SYSTEME POS, SERVEUR POS, TER-
MINAL DE MAGASIN, PROCEDE DE
GESTION DES VENTES ET SUPPORT
D'ENREGISTREMENT

(71) KABUSHIKI KAISHA VISUAL JAPAN
[JP/JP]; 3-12-3, Kanda Jinbocho, Chiy-
oda-ku, Tokyo 101-0051 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YAMADA, Tokuhiko [JP/JP]; c/o
Kabushiki kaisha VISUAL JAPAN, 3-12-3,
Kanda Jinbocho, Chiyoda-ku, Tokyo
101-0051 (JP).

(74) TAKINO, Hideo et al. / etc.; 4th Floor, Hiroo
SK bldg., 36-13, Ebisu 2-Chome, Shibuya-ku,
Tokyo 150-0013 (JP).

(81) CN 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 G07G 1/14, 1/12, G06F 17/60

(11) WO 03/038775 (13) A1

(21) PCT/JP01/09601

(22) 1 Nov/nov 2001 (01.11.2001)

(25) ja (26) ja

(43) 8 May/mai 2003 (08.05.2003)

(54) • POS SYSTEM, POS SERVER, SHOP
TERMINAL, SALES MANAGING
METHOD, AND RECORDING
MEDIUM

• SYSTEME ET SERVEUR POS, TER-
MINAL DE MAGASIN, PROCEDE DE
GESTION DES VENTES ET SUPPORT
D'ENREGISTREMENT

(71) KABUSHIKI KAISHA VISUAL JAPAN
[JP/JP]; 3-12-3, Kanda Jinbocho, Chiy-
oda-ku, Tokyo 101-0051 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YAMADA, Tokuhiko [JP/JP]; c/o
Kabushiki kaisha VISUAL JAPAN, 3-12-3,
Kanda Jinbocho, Chiyoda-ku, Tokyo
101-0051 (JP).

(74) TAKINO, Hideo et al. / etc.; 4th Floor, Hiroo
SK bldg., 36-13, Ebisu 2-Chome, Shibuya-ku,
Tokyo 150-0013 (JP).

(81) CN 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 G08B 5/00

(11) WO 03/038776 (13) A1

(21) PCT/US02/34630

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 09/999,153 30 Oct/oct 2001 US
(30.10.2001)

(30) 10/107,034 27 Mar/mar 2002 US
(27.03.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LIGHT CONTROLLER AND SYSTEM
FOR SENSITIVITY CONTROL

• UNITE DE COMMANDE DE SOURCE
LUMINEUSE ET SYSTEME DE COM-
MANDE DE LA SENSIBILITE ASSO-
CIE

(71) ROADMASTER (USA) CORP. [US/US]; 6
Industrial Way West, Building G, Eatontown,
NJ 07724 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DAYAN, Mervin [US/US]; 251 Park Av-
enue, Oakhurst, NJ 07755 (US).

(74) ZIELINSKI, Robert; Wolf, Block, Schorr
and Solis-Cohen LL, 1650 Arch Street,
Philadelphia, PA 19103-2097 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT 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 G08B 13/10, 25/10

(11) WO 03/038777 (13) A1

(21) PCT/SE02/01864

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) 0103611-0 31 Oct/oct 2001 SE
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SURFACE COVERING UNIT

• UNITE DE RECOUVREMENT DE SURFACE

(71) PERGO AB [SE/SE]; Strandridaregatan 8, S-231 25 Trelleborg (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISSAL, Raimo [SE/SE]; Bellisgatan 9, S-212 32 Malmö (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G08B 13/24, G01V 15/00, G06K 19/07, 7/08

(11) WO 03/038778 (13) A1

(21) PCT/AU02/01432

(22) 21 Oct/oct 2002 (21.10.2002)

(25) en (26) en

(30) PR 8505 29 Oct/oct 2001 AU
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ELECTRONIC LABEL INTERROGATION THROUGH INCIDENTAL ELECTROMAGNETIC RADIATION

• INTERROGATION D'ÉTIQUETTES ÉLECTRONIQUES PAR RAYONNEMENT ÉLECTROMAGNÉTIQUE INCIDENTAL

(71) TAGSYS AUSTRALIA PTY LTD [AU/AU]; Ground Floor, 212 Pirie Street, Adelaide, S.A. 5000 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COLE, Peter, Harold [AU/AU]; 7 Dutton Grove, West Lakes Shore, S.A. 5020 (AU).

(74) PHILLIPS ORMONDE & FITZ-PATRICK; 367 Collins Street, Melbourne, VIC 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08C 19/00, G06F 9/06, 17/60

(11) WO 03/038779 (13) A1

(21) PCT/JP02/11439

(22) 1 Nov/nov 2002 (01.11.2002)

(25) ja (26) ja

(30) 2001-336410 1 Nov/nov 2001 JP
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MEASUREMENT SYSTEM AND MEASUREMENT METHOD

• SYSTEME ET PROCEDE DE MESURE

(71) AGILENT TECHNOLOGIES, INC. [JP/JP]; 9-1, Takakura-cho., Hachioji-shi, Tokyo 192-8510 (JP).

(only for / seulement pour JP)

(71) AGILENT TECHNOLOGIES, INC. [US/US]; 395 Page Mill Road, Palo Alto, CA 94306-0670 (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 DE DK DM DZ EC EE ES FI FR GB GD GE GH GM GR HR HU ID IE IL IN IS IT KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK MN MW MX MZ NL NO NZ OM PH PL PT RO RU SD SE SG SI SK SL SJ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)

(72, 75) HASEBE, Kunio [US/JP]; 3-15-11, Ogikubo, Suginami-ku, Tokyo 167-0051 (JP).

(74) OKUYAMA, Shoichi; 8th Floor, Akasaka NOA Bldg., 2-12, Akasaka 3-chome., Minato-ku., Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08F

(11) WO 03/038780 (13) A2

(21) PCT/US02/34804

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/000,247 29 Oct/oct 2001 US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR PROVIDING VIRTUAL CAPACITY TO A PROVIDER OF SERVICES

• PROCEDE ET APPAREIL FOURNISSEUR UNE CAPACITE VIRTUELLE A UN FOURNISSEUR DE SERVICES

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) WOLFE, Chris, A.; P.O. Box 8030, Rancho Santa Fe, CA 92067 (US). SEGAL, Michael, L.; 1442 Turquoise Drive, Carlsbad, CA 92009 (US).

(74) WADSWORTH, Philip, R. et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G08G 1/096

(11) WO 03/038781 (13) A1

(21) PCT/US01/46784

(22) 26 Nov/nov 2001 (26.11.2001)

(25) en (26) en

(30) PCT/US01/24776 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TRAFFIC CONTROL SIGNAL WITH DISPLAYED "REAL-TIME" ELAPSE

• FEU DE SIGNALISATION ROUTIERE AVEC INDICATION DE TEMPS RESTANT "EN TEMPS REEL"

(71, 72) FIRESTONE, Paul, A. [US/US]; 88 Central Park West, New York, NY 10023 (US).

(74) LUCAS, Donald; Bierman, Muserlian and Lucas, LLP, 600 Third Avenue, New York, NY 10016 (US).

(81) AU CA CN CZ HU IL JP NO NZ.

(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 G08G 1/0962, B60K 37/00

(11) WO 03/038782 (13) A1

(21) PCT/EP02/11149

(22) 4 Oct/oct 2002 (04.10.2002)

(25) de (26) de

(30) 101 53 302.0 31 Oct/oct 2001 DE
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CONTROL OF WARNING AND INFORMATION SYSTEMS

• REGLAGE DE SYSTEMES D'AVERTISSEMENT ET D'INFORMATION

(71) DAIMLERCHRYSLER AG [DE/DE]; Eplestr. 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KINCSES, Wilhelm [DE/DE]; Ina-Rothschild-Weg 42, 73732 Esslingen (DE). ROTHE, Siegfried [DE/DE]; Hohenheimer Str. 56, 73770 Denkendorf (DE). BRAUN, Christoph [DE/DE]; Sieben-Höfe-Str. 129b, 72072 Tübingen (DE). RINKENAUER, Gerhard [DE/DE]; Am Nordring 37, 72147 Nehren (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G09F

(11) WO 03/038783 (13) A2

(21) PCT/US02/34947

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/334,738 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • EXTENDED WRAP LABEL AND METHOD OF MAKING SAME

• ETIQUETTE ENVELOPPANTE ALONGEE ET PROCEDE DE PRODUCTION DE CELLE-CI

(71) NATIONAL LABEL COMPANY [US/US]; 2025 Joshua Road, Lafayette Hill, PA 19444 (US).

(72, 75) SELLARS, Neil, G. [—/US]; 2120 Magnolia Court, Cinnaminson, NJ 08077 (US).

(74) NORTON, Todd, A.; Reed Smith LLP, 2500 One Liberty Place, 1650 Market Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 G09F 3/00

(11) WO 03/038784 (13) A2

(21) PCT/US02/29414

(22) 18 Sep/sep 2002 (18.09.2002)

(25) en (26) en

(30) 60/330,766 30 Oct/oct 2001 US (30.10.2001)

(30) 10/216,197 12 Aug/août 2002 US (12.08.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LABEL HOLDER WITH LOCKING WINDOW

• SUPPORT D'ETIQUETTE A FENETRE DE VERROUILLAGE

(71) FAST INDUSTRIES, LTD. [US/US]; 1850 Spectrum Boulevard, Fort Lauderdale, FL 33309 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOWRY, Michael, G. [US/US]; 19609 Sedgefield Terrace, Boca Raton, FL 33498 (US). FAST, Robert [US/US]; 3200 North Port Royale Drive, #205, Fort Lauderdale, FL 33308 (US).

(74) STERN, Marvin, R. et al. / etc.; Jacobson Holman, PLLC, The Jenifer Building, 400 Seventh Street, NW, Washington, DC 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09F 3/02, B42D 5/00, G09F 3/10

(11) WO 03/038785 (13) A1

(21) PCT/US02/28204

(22) 5 Sep/sep 2002 (05.09.2002)

(25) en (26) en

(30) 09/999,698 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TAPE SHEET PADS AND DISPENSER AND METHOD OF DISPENSING INDIVIDUAL TAPE SHEETS FROM SUCH PADS

• BLOCS DE FEUILLES ADHESIVES, DISTRIBUTEUR ET TECHNIQUE DE DISTRIBUTION DE FEUILLES ADHESIVES INDIVIDUELLES A PARTIR DE TELS BLOCS

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) PEARSON, Scott D.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). SERINO, David F.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) JONAS, George W., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ G09F 3/03

(11) WO 03/038786 (13) A2

(21) PCT/FR02/03749

(22) 31 Oct/oct 2002 (31.10.2002)

(25) fr (26) fr

(30) 01/14181 2 Nov/nov 2001 FR (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TAMPER-PROOF DEVICE FOR TRANSPORT CONTAINERS USING LEAD SEALS OR LIKE MEANS

• DISPOSITIF POUR GARANTIR L'INVOLABILITE DES CONTENEURS DE TRANSPORT UTILISANT DES SCEAUX DE PLOMB OU DES MOYENS EQUIVALENTS

(71) ELAN FINANCES S.A.R.L [FR/FR]; 660, rue François Giraud, F-69400 Villefranche sur Saone (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GAGLIONE, Eric [FR/FR]; 660, rue François Giraud, F-69400 Villefranche sur Saone (FR).

(74) SCHMITT, John; Cabinet John Schmitt, 9, rue Pizay, F-69001 Lyon (FR).

(81) AE AM AU AZ BY CA CN EE GE IL IN JP KG KZ LT LV MA MD NO RU TJ TM TN UA US UZ.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ G09F 9/00, 9/30, F21V 8/00, G02F 1/1335, G02B 5/20, 5/22, 5/30, 1/11, 5/02, 3/00

(11) WO 03/038787 (13) A1

(21) PCT/JP02/11323

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ja (26) ja

(30) 2001/335170 31 Oct/oct 2001 JP (31.10.2001)

(30) 2001/384989 18 Dec/déc 2001 JP (18.12.2001)

(30) 2001/392363 25 Dec/déc 2001 JP (25.12.2001)

- (30) 2002/121235 **23 Apr/avr 2002** JP
(23.04.2002)
- (30) 2002/201606 **10 Jul/juil 2002** JP
(10.07.2002)
- (30) 2002/253103 **30 Aug/août 2002** JP
(30.08.2002)
- (30) 2002/277803 **24 Sep/sep 2002** JP
(24.09.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DISPLAY APPARATUS
• DISPOSITIF D'AFFICHAGE
- (71) MITSUBISHI CHEMICAL CORPORATION [JP/JP]; 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUGA, Yoshinori [JP/JP]; c/o Mitsubishi Chemical Corporation, 1, Toho-cho, Yokkaichi-shi, Mie 510-0848 (JP). OZAWA, Tetsuo [JP/JP]; c/o Mitsubishi Chemical Corporation, 1, Toho-cho, Yokkaichi-shi, Mie 510-0848 (JP). FUJIWARA, Eisuke [JP/JP]; c/o Mitsubishi Chemical Corporation, 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 (JP).
- (74) KAMADA, Bunji et al. / etc.; 18-12, Nipponbashi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0073 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ G09F 11/02
- (11) WO 03/038788 (13) A1
- (21) PCT/GB02/04956
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 0126242.7 1 Nov/nov 2001 GB
(01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DISPLAY DEVICE
• DISPOSITIF D'AFFICHAGE
- (71) EXPOWORKS LIMITED [GB/GB]; Commercial Quay, 80 Commercial Street, Edinburgh EH6 6LX (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MEIJER, Robertus, Christophorus, Maria, Bosco [NL/GB]; 30b High Street, North Berwick EH39 4HQ (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G09F 13/04, 13/00, 21/04, B60Q 1/00, 7/00
- (11) WO 03/038789 (13) A1
- (21) PCT/US01/45042
- (22) 26 Oct/oct 2001 (26.10.2001)
- (25) en (26) en
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • VEHICLE LIGHTED DISPLAY DEVICE
• DISPOSITIF D'AFFICHAGE LUMINEUX POUR VÉHICULE
- (71, 72) HOTTENSTEIN, Thomas, G. [US/US]; 15408 Kutztown Road, Kutztown, PA 19530 (US).
- (74) REAM, Dale, J.; Harshaw Research Incorporated, P.O. Box 418, Ottawa, KS 66067 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declaration / Déclaration :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G09G
- (11) WO 03/038790 (13) A2
- (21) PCT/GB02/04773
- (22) 23 Oct/oct 2002 (23.10.2002)
- (25) en (26) en
- (30) 0126120.5 31 Oct/oct 2001 GB
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DISPLAY DRIVERS
• CIRCUITS D'ATTAQUE D'AFFICHAGE
- (71) CAMBRIDGE DISPLAY TECHNOLOGY LIMITED [GB/GB]; Greenwich House, Madingley Rise, Madingley Road, Cambridge, Cambridgeshire CB3 0TX (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SMITH, Euan, Christopher [GB/GB]; Cambridge Display Technology Limited, Greenwich House, Madingley Rise, Madingley Road, Cambridge, Cambridgeshire CB3 0TX (GB). ROUTLEY, Paul, Richard [GB/GB]; Cambridge Display Technology Limited, Greenwich House, Madingley Rise, Madingley Road, Cambridge, Cambridgeshire CB3 0TX (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (74) MARTIN, Philip, John; Marks & Clerk, Wellington House, East Road, Cambridge, Cambridgeshire CB1 1BH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G09G
- (11) WO 03/038791 (13) A2
- (21) PCT/HU02/00111
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) hu (26) en
- (30) P 0104625 31 Oct/oct 2001 HU
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • OPTICAL DISPLAY DEVICE AND METHOD FOR ADDRESSING THE PIXELS OF THE SAME
• AFFICHEUR OPTIQUE ET PROCÉDE D'ADRESSAGE DE SES PIXELS
- (71, 72) NÉMETH, Zoltán [HU/HU]; Piski u. 43, H-1172 Budapest (HU).
- (74) DR. ASBÓTH DR. BICZI & PARTNER LAW AND PATENT OFFICE; Váralja u. 3, H-1013 Budapest (HU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declarations / Déclarations :
- (s) for all designations / pour toutes les désignations
- (t) for all designations / pour toutes les désignations
- (u) for / pour US only / seulement
-
- (51)⁷ G09G 3/00
- (11) WO 03/038792 (13) A2
- (21) PCT/US02/32986
- (22) 15 Oct/oct 2002 (15.10.2002)
- (25) en (26) en
- (30) 10/016,295 30 Oct/oct 2001 US
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CONTROLLING DATA DEPENDENCE AND CROSS-TALK BETWEEN DISPLAY ELEMENTS
• COMMANDE DE DEPENDANCE DE DONNEES ET D'INTERMODULATION

ENTRE DES ELEMENTS D'AFFI-
CHAGE

(71) **THREE-FIVE SYSTEMS, INC.** [US/US]; 1600 N. Desert Drive, Tempe, AZ 85281-1230 (US).

(72) **MCKNIGHT, Douglas, J.**; 4390 Comanche Drive, Boulder, CO 80303 (US). **DOYLE, Bruce, A.**; 1037 Purdue Drive, Longmont, CO 80503 (US).

(74) **INGRASSIA, Vincent, B.** et al. / etc.; Ingrassia Fisher & Lorenz, P.C., 7150 E. Camelback Rd., Ste. 325, Scottsdale, AZ 85251 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G09G 3/30, 3/20, H05B 33/14**

(11) **WO 03/038793** (13) A1

(21) PCT/JP02/11278

(22) **30 Oct/oct 2002 (30.10.2002)**

(25) ja (26) ja

(30) 2001-333462 **30 Oct/oct 2001** JP
(30.10.2001)

(30) 2002-287997 **30 Sep/sep 2002** JP
(30.09.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SIGNAL LINE DRIVE CIRCUIT, LIGHT EMITTING DEVICE, AND ITS DRIVE METHOD

• CIRCUIT DE COMMANDE DE LIGNE DE SIGNAL, DISPOSITIF ELECTROLUMINESCENT, ET PROCEDE D'EXCITATION

(71) **SEMICONDUCTOR ENERGY LABORATORY CO., LTD.** [JP/JP]; 398, Hase, Atsugi-shi, Kanagawa 243-0036 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIMURA, Hajime** [JP/JP]; c/o SEMI-CONDUCTOR ENERGY LABORATORY CO., LTD., 398, Hase, Atsugi-shi, Kanagawa 243-0036 (JP).

(74) **OSHIMA, Yoichi**; 7th Floor, Kitagawa Bldg., 42, Kagurazaka 6-chome, Shinjuku-ku, Tokyo 162-0825 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ **G09G 3/30, 3/20, H05B 33/14**

(11) **WO 03/038794** (13) A1

(21) PCT/JP02/11279

(22) **30 Oct/oct 2002 (30.10.2002)**

(25) ja (26) ja

(30) 2001-333466 **30 Oct/oct 2001** JP
(30.10.2001)

(30) 2002-288104 **30 Sep/sep 2002** JP
(30.09.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SIGNAL LINE DRIVE CIRCUIT, LIGHT EMITTING DEVICE, AND ITS DRIVE METHOD

• CIRCUIT DE COMMANDE DE LIGNE DE SIGNAL, DISPOSITIF ELECTROLUMINESCENT, ET PROCEDE D'EXCITATION

(71) **SEMICONDUCTOR ENERGY LABORATORY CO., LTD.** [JP/JP]; 398, Hase, Atsugi-shi, Kanagawa 243-0036 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIMURA, Hajime** [JP/JP]; c/o SEMI-CONDUCTOR ENERGY LABORATORY CO., LTD., 398, Hase, Atsugi-shi, Kanagawa 243-0036 (JP).

(74) **OSHIMA, Yoichi**; 7th Floor, Kitagawa Bldg., 42, Kagurazaka 6-chome, Shinjuku-ku, Tokyo 162-0825 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ **G09G 3/30, 3/20, H05B 33/14**

(11) **WO 03/038795** (13) A1

(21) PCT/JP02/11280

(22) **30 Oct/oct 2002 (30.10.2002)**

(25) ja (26) ja

(30) 2001-333470 **30 Oct/oct 2001** JP
(30.10.2001)

(30) 2002-288043 **30 Sep/sep 2002** JP
(30.09.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SIGNAL LINE DRIVE CIRCUIT, LIGHT EMITTING DEVICE, AND ITS DRIVE METHOD

• CIRCUIT DE COMMANDE DE LIGNE DE SIGNAL, DISPOSITIF ELECTROLUMINESCENT, ET PROCEDE D'EXCITATION

(71) **SEMICONDUCTOR ENERGY LABORATORY CO., LTD.** [JP/JP]; 398, Hase, Atsugi-shi, Kanagawa 243-0036 (JP).

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(72, 75) **KIMURA, Hajime** [JP/JP]; c/o SEMI-CONDUCTOR ENERGY LABORATORY CO., LTD., 398, Hase, Atsugi-shi, Kanagawa 243-0036 (JP).

(74) **OSHIMA, Yoichi**; 7th Floor, Kitagawa Bldg., 42, Kagurazaka 6-chome, Shinjuku-ku, Tokyo 162-0825 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ **G09G 3/30, 3/20, G05F 1/10**

(11) **WO 03/038796** (13) A1

(21) PCT/JP02/11354

(22) **31 Oct/oct 2002 (31.10.2002)**

(25) ja (26) ja

(30) 2001-335917 **31 Oct/oct 2001** JP
(31.10.2001)

(30) 2002-287921 **30 Sep/sep 2002** JP
(30.09.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SIGNAL LINE DRIVE CIRCUIT AND LIGHT EMITTING DEVICE

• CIRCUIT DE COMMANDE DE LIGNES DE SIGNAL ET DISPOSITIF ELECTROLUMINESCENT

(71) **SEMICONDUCTOR ENERGY LABORATORY CO., LTD.** [JP/JP]; 398, Hase, Atsugi-shi, Kanagawa 243-0036 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIMURA, Hajime** [JP/JP]; c/o SEMI-CONDUCTOR ENERGY LABORATORY CO., LTD., 398, Hase, Atsugi-shi, Kanagawa 243-0036 (JP).

(74) **OSHIMA, Yoichi**; 7th Floor, Kitagawa Bldg., 42, Kagurazaka 6-chome, Shinjuku-ku, Tokyo 162-0825 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ G09G 3/30, 3/20, G05F 1/10
 (11) WO 03/038797 (13) A1
 (21) PCT/JP02/11355
 (22) 31 Oct/oct 2002 (31.10.2002)
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 (30) 2001-335918 31 Oct/oct 2001 JP
 (31.10.2001)
 (30) 2002-287948 30 Sep/sep 2002 JP
 (30.09.2002)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • SIGNAL LINE DRIVE CIRCUIT AND LIGHT EMITTING DEVICE
 • CIRCUIT DE COMMANDE DE LIGNES DE SIGNAL ET DISPOSITIF ELECTRO-LUMINESCENT
 (71) SEMICONDUCTOR ENERGY LABORATORY CO., LTD. [JP/JP]; 398, Hase, Atsugi-shi, Kanagawa 243-0036 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) KIMURA, Hajime [JP/JP]; c/o SEMI-CONDUCTOR ENERGY LABORATORY CO., LTD., 398, Hase, Atsugi-shi, Kanagawa 243-0036 (JP).
 (74) OSHIMA, Yoichi; 7th Floor, Kitagawa Bldg., 42, Kagurazaka 6-chome, Shinjuku-ku, Tokyo 162-0825 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 Published / Publiée : (c)
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 (11) WO 03/038798 (13) A2
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 (22) 23 Oct/oct 2002 (23.10.2002)
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 (30) 0126122.1 31 Oct/oct 2001 GB
 (31.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • DISPLAY DRIVER CIRCUITS
 • CIRCUITS D'ATTAQUE D'AFFICHAGE
 (71) CAMBRIDGE DISPLAY TECHNOLOGY LIMITED [GB/GB]; Greenwich House, Madingley Rise, Madingley Road, Cambridge, Cambridgeshire CB3 0TX (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) SMITH, Euan, Christopher [GB/GB]; Cambridge Display Technology Limited, Greenwich House, Madingley Rise, Madingley Road, Cambridge, Cambridgeshire CB3 0TX (GB). ROUTLEY, Paul, Richard [GB/GB]; Cambridge Display Technology Limited, Greenwich House, Madingley Rise, Madingley Road, Cambridge, Cambridgeshire CB3 0TX (GB).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (11) WO 03/038800 (13) A1
 (21) PCT/US02/35016
 (22) 1 Nov/nov 2002 (01.11.2002)
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- Rise, Madingley Road, Cambridge, Cambridgeshire CB3 0TX (GB).
 (74) MARTIN, Philip, John; Marks & Clerk, Wellington House, East Road, Cambridge, Cambridgeshire CB1 1BH (GB).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (11) WO 03/038799 (13) A1
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 (22) 21 Oct/oct 2002 (21.10.2002)
 (25) ja (26) ja
 (30) 2001-338154 2 Nov/nov 2001 JP
 (02.11.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • IMAGE DISPLAY APPARATUS
 • DISPOSITIF DE VISUALISATION D'IMAGES
 (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaik-cho, Abeno-ku, Osaka-shi, Osaka 545-0013 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) ITOH, Hiroshi [JP/JP]; 7726-1-608, Makuhari-cho 3-chome, Hanamigawa-ku, Chiba-shi, Chiba 262-0032 (JP).
 (74) TAKANO, Akichika; 9th Floor, Salute Bldg., 72, Yoshida-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0041 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
 Published / Publiée : (c)
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- (51)⁷ G09G 5/28, 5/24
 (11) WO 03/038801 (13) A1
 (21) PCT/EP02/11028
 (22) 2 Oct/oct 2002 (02.10.2002)
 (25) en (26) en
 (30) 01610112.3 2 Nov/nov 2001 EP
 (02.11.2001)
 (30) 60/330,949 5 Nov/nov 2001 US
 (05.11.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • METHOD AND DEVICE PROVIDING ENHANCED CHARACTERS
 • PROCEDE ET DISPOSITIF PERMETTANT D'ETABLIR DES CARACTERES AMELIORES
 (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) SPARRE, Erik [SE/SE]; Vallgatan 1B, S-234 32 Lomma (SE). UNRUH, Erland [SE/SE]; Limhammsv. 6B IV, S-217 59 Malmö (SE).
 (74) HOFMAN-BANG ZACCO A/S; Hans Bekkevoolds Allé 7, DK-2900 Hellerup (DK).
 (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

- MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SI SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G10H**
- (11) **WO 03/038802** (13) A2
- (21) PCT/US02/34593
- (22) **29 Oct/oct 2002 (29.10.2002)**
- (25) en (26) en
- (30) 09/984,818 **31 Oct/oct 2001** US
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MUSIC SEARCH BY INTERACTIVE
GRAPHICAL SPECIFICATION WITH
AUDIO FEEDBACK
- RECHERCHE DE MUSIQUE PAR SPE-
CIFICATION GRAPHIQUE INTERAC-
TIVE AVEC RETOUR D'INFORMA-
TION AUDIO
- (71) **HEWLETT-PACKARD COMPANY**
[US/US]; 3000 Hanover Street, M/S 1051,
Palo Alto, CA 94304-1112 (US).
- (72) **GARGI, Ullas**; 821 E. Dana Street, Moun-
tain View, CA 94041 (US).
- (74) **HEMINGER, Susan E.**; Hewlett-Packard
Company, IP Administration, P. O. Box
272400, Ft. Collins, CO 80527-2400 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G10H 1/057, 1/08, 1/12**
- (11) **WO 03/038803** (13) A2
- (21) PCT/US02/33870
- (22) **23 Oct/oct 2002 (23.10.2002)**
- (25) en (26) en
- (30) 10/012,273 **26 Oct/oct 2001** US
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • GENERATING PERCUSSIVE SOUNDS
IN EMBEDDED DEVICES
- PROCEDE ET DISPOSITIF POUR PRO-
DUIRE DES SONS DE PERCUSSION
DANS DES DISPOSITIFS INCOR-
PORES
- (71) **MOTOROLA, INC., A CORPORA-
TION OF THE STATE OF DELAWARE**
[US/US]; 1303 East Algonquin Road,
Schaumburg, IL 60196 (US).
- (72) **KHAWAND, Jean**; 13552 S.W. 5th Street,
Miami, FL 33184 (US). **FRANGOPOL,**
- Radu**; 9932 N.W. 6th Court, Plantation, FL
33324 (US).
- (74) **GARRETT, Scott, M. et al. / etc.**; 8000
West Blvd., Room 1610, Fort Lauderdale, FL
33322 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G10L**
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- (21) PCT/US02/33137
- (22) **17 Oct/oct 2002 (17.10.2002)**
- (25) en (26) en
- (30) 10/014,300 **26 Oct/oct 2001** US
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • NON-TARGET BARGE-IN DETEC-
TION
- DETECTION D'INTERVENTION NON
VOULUE
- (71) **SPEECHWORKS INTERNATIONAL,
INC.** [US/US]; 695 Atlantic Avenue, Boston,
MA 02111 (US).
- (72) **CRANE, Matthew, D.**; 18 Park Street,
Charlestown, MA 02129 (US). **HOLT-
HOUSE, Mark, Arthur**; 163 Upland Road,
Newtonville, MA 02460 (US). **NGUYEN,
John, Ngoc**; 6 Upland Road West, Arlington,
MA 02476 (US). **SPRINGER, Stephen,
Richard**; 820 Webster Street, Needham, MA
02492 (US).
- (74) **STEINBERG, Donald, R. et al. / etc.**; Hale
and Dorr LLP, 60 State Street, Boston, MA
02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G10L 11/04**
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- (21) PCT/US02/32987
- (22) **16 Oct/oct 2002 (16.10.2002)**
- (25) en (26) en
- (30) 60/348,883 **26 Oct/oct 2001** US
(26.10.2001)
- (30) 10/140,211 **7 May/mai 2002** US
(07.05.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS AND APPARATUS FOR
PITCH DETERMINATION
- PROCEDES ET APPAREIL DE DETER-
MINATION DE LA HAUTEUR TONALE
- (71, 72) **TEREZ, Dmitry, Edward** [US/US];
P.O. Box 345, Millville, NJ 08332 (US).
- (74) **STRAUB, Michael, P.**; Straub & Pokotylo, 1
Bethany Road, Suite 83, Bldg. 6, Hazlet, NJ
07730 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G10L 15/00**
- (11) **WO 03/038807** (13) A1
- (21) PCT/US02/34697
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) en (26) en
- (30) 09/984,874 **31 Oct/oct 2001** US
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS AND APPARATUS FOR
PITCH DETERMINATION
- PROCEDES ET APPAREIL PERMET-
TANT DE DETERMINER UNE HAU-
TEUR TONALE
- (71, 72) **TEREZ, Dmitry, Edward** [US/US];
P.O. Box 345, Millville, NJ 08332 (US).
- (74) **STRAUB, Michael, P.**; Straub & Pokotylo, 1
Bethany Road, Suite 83, Bldg. 6, Hazlet, NJ
07730 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

- (54) • DISTRIBUTED SPEECH RECOGNITION SYSTEM
• SYSTEME DE RECONNAISSANCE VOCALE REPARTI
- (71) DICTAPHONE CORPORATION [US/US]; 3191 Broadbridge Avenue, Stratford, CT 06614-2559 (US).
- (72) CYR, James; 8 Christopher Lane, Clinton, CT 06413 (US). LAROSA-GREENE, Channell; 69 Plankton Street, Bridgeport, CT 06606 (US). HOLD, Martin; 1 Treefoil Ct., Fairfield, CT 06432 (US). KUHNEN, Regina; 66 Woodhaven Drive, Trumbull, CT 06611 (US). MACGINITIE, Andrew; 98 Mallory Road, Roxbury, CT 06783 (US).
- (74) BELL, Michael, J. et al. / etc.; Howrey Simon Arnold & White LLP, 1299 Pennsylvania Avenue, N.W., Washington, DC 20004-2402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G10L 15/10, 15/26
- (11) WO 03/038808 (13) A1
- (21) PCT/IB02/04466
- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) en (26) en
- (30) 01890304.7 31 Oct/oct 2001 EP (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD OF AND SYSTEM FOR TRANSCRIBING DICTATIONS IN TEXT FILES AND FOR REVISING THE TEXTS
• PROCEDE ET SYSTEME DE TRANSCRIPTION DE DICTEES EN FICHIERS TEXTES ET DE REVISION DE CES TEXTES
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) FRIMPONG-ANSAH, Kwaku; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) WEBER, Helmut; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G10L 15/28, 21/00, G06F 9/44, 9/45, 9/445
- (11) WO 03/038810 (13) A1
- (21) PCT/US02/34698
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 09/984,873 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DYNAMIC INSERTION OF A SPEECH RECOGNITION ENGINE WITHIN A DISTRIBUTED SPEECH RECOGNITION SYSTEM
• INSERTION DYNAMIQUE D'UN MODEUR DE RECONNAISSANCE DE LA PAROLE DANS UN SYSTEME DE RECONNAISSANCE DE LA PAROLE REPARTI
- (71) DICTAPHONE CORPORATION [US/US]; 3191 Broadbridge Avenue, Stratford, CT 06614-2559 (US).
- (72) CYR, James; 8 Christopher Lane, Clinton, CT 06413 (US). LAROSA-GREENE, Channell; 69 Plankton Street, Bridgeport, CT 06606 (US). HOLD, Martin; 1 Treefoil Ct., Fairfield, CT 06432 (US). KUHNEN, Regina; 66 Woodhaven Drive, Trumbull, CT 06611 (US). MACGINITIE, Andrew; 98 Mallory Road, Roxbury, CT 06783 (US).
- (74) BELL, Michael, J. et al. / etc.; Howrey Simon Arnold & White LLP, 1299 Pennsylvania Avenue, N.W., Washington, DC 20004-2402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 03/038811 (13) A1
- (21) PCT/US02/35027
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 10/033,537 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • COLOR PALETTE BASED ENCODING OF AUDIO DATA
• CODAGE DE DONNEES AUDIO BASE SUR UNE PALETTE GRAPHIQUE
- (71) ETREPPID TECHNOLOGIES, LLC [US/US]; Suite 18, 9410 Prototype Drive, Reno, NV 89511 (US).
- (72) MONTGOMERY, Dennis, L.; 12720 Buckthorn Lane, Reno, NV 89511 (US).
- (74) JAKOPIN, David, A. et al. / etc.; Pillsbury Winthrop LLP, 1600 Tysons Boulevard, McLean, VA 22102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT 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 03/038812 (13) A1
- (21) PCT/JP02/11254
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(43) 8 May/mai 2003 (08.05.2003)

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• DISPOSITIF DE CODAGE ET DE DECODAGE AUDIO

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(72) NISHIO, Kosuke; Room 339, Syounanryou, 16-22, Kikusuidoori 1-chome, Moriguchi-shi, Osaka 570-0032 (JP). TSUSHIMA, Mineo; 5-302, Myoukenzaka 5-chome, Katano-shi, Osaka 576-0021 (JP). TANAKA, Naoya; 30-23, Miyukihigashi-machi, Neyagawa-shi, Osaka 572-0055 (JP). NORIMATSU, Takeshi; 12-27, Nishiyama 2-chome, Kita-ku, Kobe-shi, Hyogo 651-1301 (JP).

(74) NII, Hiromori; c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suehiro Center Bldg., 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) BR CA CN ID IN KR.

(84) EP (DE FR GB IT NL SE).

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(72) NISHIO, Kosuke; Room 339, Syounanryou, 16-22, Kikusuidori 1-chome, Moriguchi-shi, Osaka 570-0032 (JP). NORIMATSU, Takeshi; 12-27, Nishiyama 2-chome, Kita-ku, Kobe-shi, Hyogo 651-1301 (JP). TSUSHIMA, Mineo; 5-302, Myoukenzaka 5-chome, Katano-shi, Osaka 576-0021 (JP). TANAKA, Naoya; 30-23, Miyukihigashi-machi, Neyagawa-shi, Osaka 572-0055 (JP).

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(22) 29 Oct/oct 2002 (29.10.2002)

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(43) 8 May/mai 2003 (08.05.2003)

(54) • CHANGING A PLAYBACK SPEED FOR VIDEO PRESENTATION RECORDED IN A MODIFIED FILM FORMAT

• CHANGEMENT DE VITESSE DE LECTURE POUR PRESENTATION VIDEO ENREGISTREE DANS UN FORMAT DE FILM MODIFIE

(71) THOMSON, LICENSING, S. A. [FR/FR]; 46, Quai Alphonse Le Gallo, 92648 Boulogne Cedex (FR).

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(72, 75) LIN, Shu [CN/US]; 9339D Notre Dame Drive, Indianapolis, IN 46240 (US). XIE, Jianlei, James [US/US]; 11852 Stoney Bay Circle, Carmel, IN 46033 (US). SCHULTZ, Mark, Alan [US/US]; 4437 Somerset Way S., Carmel, IN 46033 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; Thomson Multimedia Licensing Inc., P. O. Box 5312, Princeton, NJ 08543-5312 (US).

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(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 5/48, 5/60

(11) WO 03/038815 (13) A1

(21) PCT/CA02/01673

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

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(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEM FOR MEASURING AND ADJUSTING PITCH AND ROLL IN A SUSPENSION

• SYSTEME DE MESURE ET DE REGLAGE D'INCLINAISON LONGITUDINALE ET LATERALE DANS UNE SUSPENSION

(71) ATS AUTOMATION TOOLING SYSTEMS INC. [CA/CA]; 250 Royal Oak Road, Cambridge, Ontario N3H 4R6 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LONG, Wong, Sow [MY/SG]; 290 C, #13-356, Bukit Batok East Avenue 3, Singapore 650290 (SG). QIANG, Yang, Yi [CN/CN]; Guang-Yan Rd., Shangai 200072 (CN). HONG, Choong, Wee [—/SG]; ATS

AnA Mechatronics Singapore Pte Ltd., 38A Jalan Pemimpin #04-01, Wisdrom Industrial Building, Singapore 577179 (SG).

(74) KINSMAN, Anne, L. et al. / etc.; Borden Ladner Gervais LLP, World Exchange Plaza, 100 Queen Street, Suite 1100, Ottawa, Ontario K1P 1J9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(43) 8 May/mai 2003 (08.05.2003)

(54) • DISC DRIVE SERVO TRACK WRITER UTILIZING LOW-DENSITY GAS

• DISPOSITIF D'ECRITURE DE PISTE D'ASSERVISSEMENT DE LECTEUR DE DISQUE FAISANT APPEL A UN GAZ DE FAIBLE DENSITE

(71) SEAGATE TECHNOLOGY LLC [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).

(72) FIORVANTI, Louis; 4413 Pali Way, Boulder, CO 80301 (US). SHEERAN, Steve; 1631 South Terry Street, Longmont, CO 80501 (US). OXLEY, Randy; P.O. Box 179, Jamestown, CO 80455 (US). PASI, Jerry; 1713 Dora Street, Fort Collins, CO 80526 (US).

(74) LUCENTE, David, K.; Seagate Technology LLC, Intellectual Property - COL2LGL, 389 Disc Drive, Longmont, CO 80503 (US).

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(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 7/00

(11) WO 03/038817 (13) A1

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(25) en (26) en

- (30) 10/021,475 **30 Oct/oct 2001** US
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR SHAPING OPTICAL STORAGE DISCS AND PRODUCTS THEREOF
• PROCEDE DE FAÇONNAGE DE DISQUES OPTIQUES DE STOCKAGE ET PRODUITS ASSOCIES
- (71) CANADA SHAPED CD LTD. [CA/CA]; 96 River Rock Circle S.E., Calgary, Alberta T2E 4C3 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KISH, Randy [CA/CA]; 96 River Rock Circle S.E., Calgary, Alberta T2E 4C3 (CA).
- (74) KINSMAN, L., Anne et al. / etc.; Borden Ladner Gervais LLP, World Exchange Plaza, 100 Queen Street, Suite 1100, Ottawa, Ontario K1P 1J9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 09/984,369 **30 Oct/oct 2001** US
(30.10.2001)
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- (54) • METHODS AND APPARATUS FOR OPTICAL DISK DRIVES
• PROCEDES ET APPAREIL POUR DES LECTEURS DE DISQUES OPTIQUES
- (63) US 09/984,369 (CON)
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- (71) MMRI PHOTONICS LTD. [IL/IL]; Aliyat Hanoar Street 42, 67450 Tel Aviv (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (71) MCINNIS, Patricia [US/US]; 2325 42nd Street, N.W., Apt. 203, Washington, DC 20007 (US).
(only for / seulement pour SD)
- (72, 75) GLASER-INBARI, Isaia [IL/IL]; Hashnayim Street 24, 53230 Givatayim (IL).
GLASER, Rann [IL/IL]; Hashnayim Street 42, 53230 Givatayim (IL).
- (74) FINKELSTEIN, Jay, M.; Browdy and Neimark, P.L.L.C., 624 Ninth Street N.W., Suite 300, Washington, DC 20001-5303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
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(17.09.2001)
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- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DATA-UPDATE APPARATUS, REPRODUCTION APPARATUS, DATA-ADDITION APPARATUS, DATA-DETECTION APPARATUS AND DATA-REMOVAL APPARATUS
• APPAREILS DE MISE A JOUR, DE REPRODUCTION, D'ADDITION, DE DETECTION ET D'ELIMINATION DE DONNEES
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza kadoma, Kadoma-shi, Osaka 571-0050 (JP).
- (72) KATAYAMA, Taro; Senri Midorigaoka House 911, 1-1, Shouji 2-chome, Toyonaka-shi, Osaka 560-0004 (JP).
OGAWA, Tomoki; 3-28-9, Nishinaniwa-cho, Amagasaki-shi, Hyogo 660-0893 (JP).
HORII, Noriaki; 4-40, Nonakaminami 1-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0022 (JP).
- (74) FUKUI, Toyooki; Room 860, Uchihonmachi Matsuya Bldg. 10th, 1-19, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (21) PCT/JP02/10929
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- (25) ja (26) ja
- (30) 2001/334306 **31 Oct/oct 2001** JP
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- (43) 8 May/mai 2003 (08.05.2003)
- (54) • RECORD MEDIUM, RECORDING METHOD AND APPARATUS FOR RECORD MEDIUM, AND REPRODUCING METHOD AND APPARATUS FOR RECORD MEDIUM
• SUPPORT D'ENREGISTREMENT, PROCEDE ET APPAREIL D'ENREGISTREMENT POUR SUPPORT D'ENREGISTREMENT, ET PROCEDE ET APPAREIL DE LECTURE POUR 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) 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) SUGIURA, Masatomo et al. / etc.; 7th Floor, Ikebukuro Park Bldg., 49-7, Minami Ikebukuro 2-chome, Toshima-ku, Tokyo 171-0022 (JP).
- (81) CN JP KR US.
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- (51)⁷ G11B 20/10, 7/007
- (11) WO 03/038822 (13) A1
- (21) PCT/JP02/11109
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) ja (26) ja
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- (30) 2001-345330 9 Nov/nov 2001 JP (09.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DATA RECORDING METHOD, RECORDER, AND DATA REPRODUCING METHOD AND DEVICE
- PROCEDE D'ENREGISTREMENT DE DONNEES, ENREGISTREUR, ET PROCEDE 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). SAITO, Akiya [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). USUI, Yoshinobu [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KANADA, Yoriaki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). NAKAGAWA, Tomihiro [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). KIHARA, Takashi [JP/JP]; c/o SONY HUMAN CAPITAL CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) KOIKE, Akira et al. / etc.; 11th Floor, Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
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- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (11) WO 03/038823 (13) A1
- (21) PCT/IB02/04592
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- (25) en (26) en
- (30) 09/999,005 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MULTIPLE SESSION DVD STORAGE MEDIA
- SUPPORT DE STOCKAGE DVD POUR SESSIONS MULTIPLES
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) ROSS, Kevin; 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) CN JP KR.
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- Declaration / Déclaration :
- (t) for the following designation / pour la désignation suivante : CN
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- (51)⁷ G11B 23/107
- (11) WO 03/038824 (13) A1
- (21) PCT/JP02/11371
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) ja (26) ja
- (30) 2001-337215 1 Nov/nov 2001 JP (01.11.2001)
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- (30) 2002-183718 24 Jun/juin 2002 JP (24.06.2002)
- (30) 2002-218558 26 Jul/juil 2002 JP (26.07.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • TAPE REEL AND TAPE CARTRIDGE WITH THE TAPE REEL
- BOBINE DE BANDE MAGNETIQUE ET CARTOUCHE DE BANDE MAGNETIQUE COMPRENANT CETTE BOBINE DE BANDE MAGNETIQUE
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
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- (72, 75) SANPEI, Takaaki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KIKUCHI, Shuichi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SASAKI, Kazuo [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SAKURAI, Mitsue [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KUROKAWA, Toshiya [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). MAEKAWA, Katsumi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). CHIBA, Hitomi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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)
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- (51)⁷ G11B 23/107
- (11) WO 03/038825 (13) A1
- (21) PCT/JP02/11372
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) ja (26) ja
- (30) 2001-337215 1 Nov/nov 2001 JP (01.11.2001)
- (30) 2001-337216 1 Nov/nov 2001 JP (01.11.2001)
- (30) 2002-183718 24 Jun/juin 2002 JP (24.06.2002)
- (30) 2002-218558 26 Jul/juil 2002 JP (26.07.2002)
- (30) 2002-292864 4 Oct/oct 2002 JP (04.10.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • TAPE REEL AND TAPE CARTRIDGE HAVING THE SAME
- BOBINE DE BANDE ET CARTOUCHE DE BANDE COMPRENANT CETTE BOBINE
- (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) SANPEI, Takaaki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KIKUCHI, Shuichi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SASAKI, Kazuo [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SAKURAI, Mitsue [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KUROKAWA, Toshiya [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). MAEKAWA, Katsumi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

- [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). CHIBA, Hitomi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 27/034, 27/32, 20/10, 27/10, 20/12, 5/86
- (11) WO 03/038826 (13) A2
- (21) PCT/JP02/10905
- (22) 21 Oct/oct 2002 (21.10.2002)
- (25) en (26) en
- (30) 2001-332193 30 Oct/oct 2001 JP (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • INFORMATION RECORDING MEDIUM, INFORMATION RECORDING APPARATUS, INFORMATION REPRODUCING APPARATUS, AND COPYING APPARATUS
- SUPPORT ET DISPOSITIF D'ENREGISTREMENT D'INFORMATIONS, DISPOSITIF DE REPRODUCTION D'INFORMATIONS ET DUPLICATEUR
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (72) HORII, Noriaki; 1-4-40, Nonakaminami, Yodogawa-ku, Osaka-shi, Osaka 532-0022 (JP). YAMAMOTO, Masaya; 7-41, Higashimakinokocho, Hirakata-shi, Osaka 573-1151 (JP). SHIMBO, Masatoshi; 1-10-2, Maruyamadai, Kawanishi-shi, Hyogo 666-0152 (JP).
- (74) YAMAMOTO, Shusaku et al. / etc.; Fifteenth Floor, Crystal Tower, 2-27, Shiroimi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 33/12, 25/04
- (11) WO 03/038827 (13) A1
- (21) PCT/DE02/03905
- (22) 15 Oct/oct 2002 (15.10.2002)
- (25) de (26) de
- (30) 101 51 939.7 22 Oct/oct 2001 DE (22.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MANIPULATING DEVICE FOR SOLID-STATE MEMORIES HAVING A LOW FORM FACTOR
- DISPOSITIF DE MANIPULATION POUR MEMOIRES A CIRCUITS INTEGRES A FACTEUR DE FORME FAIBLE
- (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) HAMMERSCHMITT, Jürgen [DE/DE]; Schwalbenstr. 25 c, Ottobrunn 85521 (DE). SCHEPERS, Jörg [DE/DE]; Ennemoserstr. 8, Rottach-Egern 83700 (DE).
- (74) EPPING, HERMANN & FISCHER; Rüdlerstrasse 55, 80339 München (DE).
- (81) BR CA CN IL IN JP KR MX RU UA US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
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- (51)⁷ G11C
- (11) WO 03/038828 (13) A2
- (21) PCT/EP02/10973
- (22) 1 Oct/oct 2002 (01.10.2002)
- (25) de (26) de
- (30) 101 53 277.6 29 Oct/oct 2001 DE (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MAGNETIC RECORDING MEDIUM
- SUPPORT D'ENREGISTREMENT MAGNETIQUE
- (71) EMTEC MAGNETICS GMBH [DE/DE]; Kaiser-Wilhelm-Strasse 52, 67059 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHELBLE, Josef [DE/DE]; Wolfbergstrasse 13, 86441 Zumarshausen (DE). TRAUB, Hansjörg [DE/DE]; Narzissenweg 6, 77731 Willstätt-Sand (DE). MÜLLER, Stefan [DE/DE]; Hanauerstrasse 19, 77731 Willstätt-Sand (DE). SANDROCK, Johannes [DE/DE]; Heidengasse 15, 77731 Willstätt-Eckartsweier (DE).
- (74) BECKEWITZ, Friedrich; Patente und Lizenzen, Kistlerhofstrasse 70, 81379 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) (u) for / pour US only / seulement
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- (51)⁷ G11C 5/14, 11/16
- (11) WO 03/038829 (13) A2
- (21) PCT/DE02/03812
- (22) 9 Oct/oct 2002 (09.10.2002)
- (25) de (26) de
- (30) 101 52 034.4 23 Oct/oct 2001 DE (23.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • STORAGE ASSEMBLY
- SYSTEME DE MEMOIRE
- (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) BANGERT, Joachim [DE/DE]; Zepelinstr. 43, 91052 Erlangen (DE).
- (74) KOTTMANN, Dieter; Müller, Hoffmann & Partner, Innere Wiener Str. 17, 81667 München (DE).
- (81) CN JP KR US.
- (84) EP (DE FR GB IE IT NL).
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- (51)⁷ G11C 11/34
- (11) WO 03/038830 (13) A1
- (21) PCT/US02/26672
- (22) 21 Aug/août 2002 (21.08.2002)
- (25) en (26) en
- (30) 10/021,469 30 Oct/oct 2001 US (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • TECHNIQUE AND APPARATUS FOR PERFORMING WRITE OPERATIONS TO A PHASE CHANGE MATERIAL MEMORY DEVICE
- TECHNIQUE ET APPAREIL PERMETTANT D'EFFECTUER DES OPERATIONS D'ECRITURE SUR UN DISPOSITIF MEMOIRE A MATERIAU A CHANGEMENT DE PHASE
- (71) OVONYX, INC. [US/US]; 1090 Boeing Street, Boise, ID 83705 (US).
- (72) LOWREY, Tyler, A.; 516 Mill River Lane, San Jose, CA 95134 (US). PARKINSON, Ward, D.; 1400 Johnson Street, Boise, ID 83705 (US). GILL, Manzur; 10131 Linda Ann Place, Cupertino, CA 95014 (US).
- (74) TROP, Timothy, N. et al. / etc.; TROP, PRUNER & HU, P.C., 8554 Katy Freeway, Suite 100, Houston, TX 77024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11C 11/34

(11) WO 03/038831 (13) A1

(21) PCT/US02/29021

(22) 12 Sep/sep 2002 (12.09.2002)

(25) en (26) en

(30) 09/975,272 11 Oct/oct 2001 US (11.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CARBON-CONTAINING INTERFACIAL LAYER FOR PHASE-CHANGE MEMORY
• COUCHE INTERMEDIAIRE A BASE DE CARBONE POUR MEMOIRE A CHANGEMENT DE PHASE

(71) OVONYX, INC. [US/US]; 1090 Boeving Street, Boise, ID 83705 (US).

(72) XU, Daniel; 930 Rich Avenue, Mountain View, CA 94040 (US).

(74) TROP, Timothy, N. et al. / etc.; Trop, Pruner & Hu, P.C., 8554 Katy Freeway, Suite 100, Houston, TX 77024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11C 11/407

(11) WO 03/038832 (13) A1

(21) PCT/JP02/10764

(22) 16 Oct/oct 2002 (16.10.2002)

(25) ja (26) ja

(30) 2001-318658 16 Oct/oct 2001 JP (16.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SEMICONDUCTOR STORAGE DEVICE
• DISPOSITIF DE STOCKAGE A SEMI-CONDUCTEUR

(71) NEC ELECTRONICS CORPORATION [JP/JP]; 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKAHASHI, Hiroyuki [JP/JP]; c/o NEC Electronics Corporation, 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668 (JP). NAKAGAWA, Atsushi [JP/JP]; c/o NEC Electronics Corporation, 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668 (JP).

(74) HAMADA, Haruo; Wisdom House, 4-12, Minami-Aoyama 3-chome, Minato-ku, Tokyo 107-0062 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)⁷ G11C 13/02

(11) WO 03/038833 (13) A1

(21) PCT/US02/34670

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/016,593 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MOLECULAR CROSSBAR LATCH
• VERROU DE BARRE TRANSVERSALE MOLECULAIRE

(71) HEWLETT-PACKARD COMPANY [US/US]; Legal Department, 3000 Hanover Street, M/S 1051, Palo Alto, CA 94304-1112 (US).

(72) KUEKES, Phillip, J.; 237 Stanford Avenue, Menlo Park, CA 94025 (US).

(74) LEE, Denise, A.; Hewlett-Packard Company, IP Administration, P O Box 272400, Fort Collins, CO 80527-2400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11C 15/00, 29/00

(11) WO 03/038834 (13) A1

(21) PCT/CA02/01486

(22) 1 Oct/oct 2002 (01.10.2002)

(25) en (26) en

(30) 2,360,897 31 Oct/oct 2001 CA (31.10.2001)

(30) 10/173,504 18 Jun/juin 2002 US (18.06.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • COLUMN REDUNDANCY FOR CONTENT ADDRESSABLE MEMORY
• COLONNES REDONDANTES POUR MEMOIRE AUTO-ASSOCIATIVE

(71) MOSAID TECHNOLOGIES INCORPORATED [CA/CA]; 11 Hines Road, Kanata, Ontario K2K 2X1 (CA).

(72) VLASENKO, Peter; 145 Clarkson Crescent, Ottawa, Ontario K2L 3E1 (CA).

(74) KINSMAN, Leslie, Anne et al. / etc.; Borden Ladner Gervais, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11C 16/06

(11) WO 03/038835 (13) A1

(21) PCT/US02/24440

(22) 31 Jul/juil 2002 (31.07.2002)

(25) en (26) en

(30) 10/039,916 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HIGH VOLTAGE BIT/COLUMN LATCH FOR VCC OPERATION
• VERROU BIT/COLONNE HAUTE TENSION POUR FONCTIONNEMENT DU VCC

(71) ATMEL CORPORATION [US/US]; 2325 Orchard Parkway, San Jose, CA 95131 (US).

(72) PATHAK, Saroj; 12998 Robleda Road, Los Altos Hills, CA 94022 (US). BAYNE, James, E.; 214 Crows Nest Drive, Boulder Creek, CA 95005 (US). KUO, Harry, H.; 1845 Bristol Bay Common, San Jose, CA 95131 (US).

(74) SCHNECK, Thomas; Law Offices of Thomas Schneck, P.O. Box 2-E, San Jose, CA 95109-0005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VC VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G21C 19/42

(11) WO 03/038836 (13) A2

(21) PCT/GB02/04875

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

- (30) 0125951.4 **30 Oct/oct 2001** GB
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PROCESS FOR CONTROLLING VALENCE STATES
- PROCEDE PERMETTANT DE CONTROLER DES ETATS DE VALENCE
- (71) **BRITISH NUCLEAR FUELS PLC** [GB/GB]; Risley, Warrinton, Cheshire WA3 6AS (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOXALL, Colin** [GB/GB]; Centre for Materials Science, Department of Physics, Astronomy and Mathematics, University of Central Lancashire, Preston PR1 2HE (GB).
TAYLOR, Robin, John [GB/GB]; British Nuclear Fuels plc, Sellafield, Seascale, Cumbria CA20 1PG (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H01B 1/00, 1/04, 1/20, 1/24, C08K 3/04, 9/00, C08L 67/00, 77/00, B32B 33/00**
- (11) **WO 03/038837** (13) A1
- (21) PCT/US02/34435
- (22) **29 Oct/oct 2002 (29.10.2002)**
- (25) en (26) en
- (30) 60/336,772 **29 Oct/oct 2001** US
(29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • POLYMER CONTAINING FUNCTIONALIZED CARBON NANOTUBES
- POLYMERES CONTENANT DES NANOTUBES DE CARBONE FONCTIONNALISES
- (71) **HYPERION CATALYSIS INTERNATIONAL, INC.** [US/US]; 38 Smith Place, Cambridge, MA 02410 (US).
- (72) **NIU, Chunming**; 81 Fottler Avenue, Lexington, MA 02410 (US). **NGAW, Lein**; 307 Pawtucket Boulevard, No. 24, Lowell, MA 01854-2959 (US).
- (74) **EVANS, Barry et al.** / etc.; Kramer Levin Naftalis & Frankel LLP, 919 Third Avenue, New York, NY 10022 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H01B 1/20, C09D 5/24, C09J 1/00, 9/02**
- (11) **WO 03/038838** (13) A1
- (21) PCT/JP02/11394
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) ja (26) ja
- (30) 2001-335675 **31 Oct/oct 2001** JP
(31.10.2001)
- (30) 2002-111022 **12 Apr/avr 2002** JP
(12.04.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • Ag COMPOUND PASTE
- PATE A COMPOSE AG
- (71) **FUJIKURA KASEI CO., LTD.** [JP/JP]; 20-7, Hasune 3-chome, Itabashi-ku, Tokyo 174-0046 (JP). **FUJIKURA LTD.** [JP/JP]; 5-1, Kiba 1-chome, Kohtoh-ku, Tokyo 135-8512 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HONDA, Toshiyuki** [JP/JP]; c/o Fujikura Kasei Co., Ltd., R & D Center, 13-1, Sakurada 5-chome, Washimiya-machi, Kitakatsushika-gun, Saitama 340-0203 (JP). **OKAMOTO, Kouji** [JP/JP]; c/o Fujikura Kasei Co., Ltd., R & D Center, 13-1, Sakurada 5-chome, Washimiya-machi, Kitakatsushika-gun, Saitama 340-0203 (JP). **ITO, Masafumi** [JP/JP]; c/o Fujikura Kasei Co., Ltd., R & D Center, 13-1, Sakurada 5-chome, Washimiya-machi, Kitakatsushika-gun, Saitama 340-0203 (JP). **ENDO, Masanori** [JP/JP]; c/o Fujikura Ltd., 5-1, Kiba 1-chome, Kohtoh-ku, Tokyo 135-8512 (JP). **TAKAHASHI, Katsuhiko** [JP/JP]; c/o Fujikura Ltd., Sakura Works, 1440, Mutsuzaki, Sakura-shi, Chiba 285-0812 (JP).
- (74) **SHIGA, Masatake et al.** / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ **H01B 7/04, 7/32**
- (11) **WO 03/038839** (13) A1
- (21) PCT/US02/34780
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) en (26) en
- (30) 60/335,423 **31 Oct/oct 2001** US
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR FIBER OPTIC MONITORING OF DOWNHOLE POWER AND COMMUNICATION CONDUITS
- PROCEDE ET DISPOSITIF DE CONTROLE PAR FIBRES OPTIQUES DE CONDUITS ELECTRIQUES ET DE CONDUITS DE COMMUNICATION D'UN Puits DE FORAGE
- (71) **BAKER HUGHES INCORPORATED** [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).
- (72) **BUSSEAR, Terry, R.**; 3422 Ashmere Cove, Round Rock, TX 78681 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H01B 12/02, 13/00**
- (11) **WO 03/038840** (13) A1
- (21) PCT/JP02/10562
- (22) **10 Oct/oct 2002 (10.10.2002)**
- (25) ja (26) ja
- (30) 2001/338470 **2 Nov/nov 2001** JP
(02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SUPERCONDUCTING CABLE AND SUPERCONDUCTING CABLE LINE
- CABLE SUPRACONDUCTEUR ET LIGNE EN CABLE SUPRACONDUCTEUR
- (71) **SUMITOMO ELECTRIC INDUSTRIES, LTD.** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OHMATSU, Kazuya** [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP).
- (74) **NAKANO, Minoru et al.** / etc.; c/o Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H01C 17/06, H05B 3/28**
- (11) **WO 03/038841** (13) A1
- (21) PCT/DE02/03556
- (22) **21 Sep/sep 2002 (21.09.2002)**
- (25) de (26) de
- (30) 101 51 298.8 **17 Oct/oct 2001** DE
(17.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HEATING FILM CONSISTING OF A PLURALITY OF LAYERS AND METHOD FOR PRODUCING THE SAME

- FILM CHAUFFANT CONSTITUE DE PLUSIEURS COUCHES ET PROCEDE DE PRODUCTION DE CE FILM

(71, 72) RUNG-RANNOV, Jörg [DE/DE]; Urbanusweg 3, 97729 Ramsthal (DE).

(74) PÖHNER, Wilfried; Röntgenring 4, Postfach 63 23, 97070 Würzburg (DE).

(81) CA CN RU US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)⁷ H01F 1/00, 1/36, B03C 1/01, G01N 33/543

(11) WO 03/038842 (13) A1

(21) PCT/EP02/12118

(22) 30 Oct/oct 2002 (30.10.2002)

(25) de (26) de

(30) 101 53 639.9 31 Oct/oct 2001 DE (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • COMPOSITE PARTICLE CONTAINING SUPERPARAMAGNETIC IRON OXIDE
• PARTICULE COMPOSITE CONTENANT UN OXYDE DE FER SUPERPARAMAGNETIQUE

(71) INSTITUT FÜR NEUE MATERIALIEN GEM. GMBH [DE/DE]; Im Stadtwald, Gebäude 43, 66123 Saarbrücken (DE).

(for all designated States except / pour tous les États désignés sauf US)(72, 75) HOLZER, Susanne [DE/DE]; Am Hochbehälter 5, 66564 Ottweiler (DE).
KRAUSE, Wolfgang [DE/DE]; Zum Schwimmbad 2, 66459 Kirkel-Limbach (DE).
LESNIAK, Christoph [DE/DE]; Dr. Jörg-Funk-Str. 1, 87474 Buchenberg (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H01F 1/26, 1/33

(11) WO 03/038843 (13) A1

(21) PCT/JP02/11180

(22) 28 Oct/oct 2002 (28.10.2002)

(25) ja (26) ja

(30) 2001-330744 29 Oct/oct 2001 JP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • COMPOSITE MAGNETIC MATERIAL PRODUCING METHOD

- PROCEDE DE PRODUCTION D'UN MATERIAU MAGNETIQUE COMPOSITE

(71) SUMITOMO ELECTRIC INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
DENSO CORPORATION [JP/JP]; 1, Showa-cho 1-chome, Kariya-shi, Aichi-ken 448-8661 (JP).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) SHIMADA, Yoshiyuki [JP/JP]; c/o Itami Works of SUMITOMO ELECTRIC INDUSTRIES, LTD., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-8611 (JP).
OYAMA, Hitoshi [JP/JP]; c/o Itami Works of SUMITOMO ELECTRIC INDUSTRIES, LTD., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-8611 (JP).
NISHIOKA, Takao [JP/JP]; c/o Itami Works of SUMITOMO ELECTRIC INDUSTRIES, LTD., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-8611 (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 JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01F 5/04, 5/02, 7/06, 7/128

(11) WO 03/038844 (13) A1

(21) PCT/DE02/02580

(22) 13 Jul/juil 2002 (13.07.2002)

(25) de (26) de

(30) 101 51 955.9 22 Oct/oct 2001 DE (22.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SIZE-REDUCED MAGNET COIL CARRIER

- SUPPORT DE BOBINE MAGNETIQUE DE MASSE REDUITE

(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) JUST, Bernhard [DE/DE]; Rotenbergstrasse 18/1, 71394 Kernern (DE).
RODRIGUEZ-AMAYA, Nestor [DE/DE]; Dennerstrasse 70, 70372 Stuttgart (DE).
SCHMIDT, Uwe [DE/DE]; Ritterstrasse 15, 71665 Vaihingen/Ensing (DE).
JUNKER, Ramon [DE/DE]; Goethestrasse 56, 66459 Kirkel (DE).
CHRISTMANN, Thomas [DE/DE]; Steinfelder Strasse 5, 97816 Lohr Am Main (DE).

(81) HU JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H01F 41/02

(11) WO 03/038845 (13) A1

(21) PCT/JP02/10861

(22) 18 Oct/oct 2002 (18.10.2002)

(25) ja (26) ja

(30) 2001-335510 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PERMANENT MAGNET MANUFACTURING METHOD AND PRESS APPARATUS

- PRESSE ET PROCEDE DE FABRICATION D'UN AIMANT PERMANENT

(71) SUMITOMO SPECIAL METALS CO., LTD. [JP/JP]; 7-19, 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) MINO, Shuji [JP/JP]; 8-0-505, Aobaokaminami, Suita-shi, Osaka 565-0802 (JP).
NAKAMOTO, Noboru [JP/JP]; 4-208-303, Otokoyamayumioka, Yawata-shi, Kyoto 614-8375 (JP).

(74) OKUDA, Seiji; OKUDA & ASSOCIATES, 2nd Floor, Kataoka Bldg., 3-6, Uchiawajimachi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0038 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 H01G 9/00

(11) WO 03/038846 (13) A1

(21) PCT/US02/35208

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 10/004,109 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ELECTROCHEMICAL DOUBLE LAYER CAPACITOR HAVING CARBON POWDER ELECTRODES

- CONDENSATEUR ELECTROCHIMIQUE DOUBLE COUCHE A ELECTRODES A POUDRE DE CHARBON

(71) MAXWELL TECHNOLOGIES, INC. [US/US]; 9244 Balboa Avenue, San Diego, CA 92123 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENDALE, Priya** [US]; 12264 Banty Court, San Diego, CA 92129 (US). **MALAY, Manuel, R.** [US]; 6466 Ambrosia Drive, #5105, San Diego, CA 92124 (US). **DISPENNETTE, John** [US]; 7881 Gloria Lake Avenue, San Diego, CA 92119 (US). **NANJUNDIAH, Chenniah** [US]; 14309 Dalhousie Road, San Diego, CA 92129 (US). **CHANEY, Earl** [US]; 7606 Hidden Acres Drive, Medina, Ohio 44256 (US).

(74) **SAMPLES, Kenneth, H. et al.** / etc.; Fitch, Even, Tabin & Flannery, Suite 1600, 120 South LaSalle Street, Chicago, IL 60603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 H01H 13/14, G01D 11/00, B60K 35/00

(11) WO 03/038847 (13) A1

(21) PCT/JP02/07187

(22) 15 Jul/juillet 2002 (15.07.2002)

(25) ja (26) ja

(30) 2001-334538 31 Oct/oct 2001 JP (31.10.2001)

(30) 2001-366469 30 Nov/nov 2001 JP (30.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • VEHICLE METER
• COMPTEUR DE VEHICULE

(71) **NIPPON SEIKI CO., LTD** [JP/JP]; 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 940-8580 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BABA, Hideto** [JP/JP]; c/o Nippon Seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 940-8580 (JP). **FUJITA, Atsushi** [JP/JP]; c/o Nippon Seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 940-8580 (JP). **OGAWA, Norihiro** [JP/JP]; c/o Nippon Seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 940-8580 (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 H01H 13/70

(11) WO 03/038848 (13) A1

(21) PCT/US02/32393

(22) 10 Oct/oct 2002 (10.10.2002)

(25) en (26) en

(30) 60/346,006 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • KEYBOARD WITH VARIABLE-SIZED KEYS

• CLAVIERS A TOUCHES DE TAILLE VARIABLE

(71) **OQO, INC.** [US/US]; 1800 Illinois Street, San Francisco, CA 94124 (US).

(72) **BETTS-LACROIX, Jonathan**; 9800-D Topanga Cyn. Boulevard #500, Chatsworth, CA 91311 (US).

(74) **WEBER, Michael**; Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA 94306 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01H 37/48

(11) WO 03/038849 (13) A1

(21) PCT/IB02/04172

(22) 10 Oct/oct 2002 (10.10.2002)

(25) en (26) en

(30) AN2001A000046 29 Oct/oct 2001 IT (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SAFETY THERMO-PROTECTOR DESIGNED IN PARTICULAR FOR ELECTRIC WATER BOILERS

• PROTECTEUR THERMIQUE DE SECURITE DESTINE NOTAMMENT AUX BOUILLOIRES ELECTRIQUES

(71) **THERMOWATT S.P.A.** [IT/IT]; 21, Via San Giovanni Battista, I-60011 Arcevia (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FIORONI, Fausto** [IT/IT]; Thermowatt S.p.a., 21, San Giovanni Battista, I-60011 Arcevia (IT).

(74) **GENTILI, Enrico**; Mar. Bre S.r.l., Viale Aristide Merloni, 1, I-60044 Fabriano (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01J

(11) WO 03/038850 (13) A2

(21) PCT/US02/34005

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 09/999,477 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE FOR PLASMA INCISION OF MATTER WITH A SPECIFICALLY TUNED RADIOFREQUENCY ELECTROMAGNETIC FIELD GENERATOR

• DISPOSITIF D'INCISION PAR PLASMA D'UNE MATIERE COMPRENANT UN GENERATEUR DE CHAMPS ELECTROMAGNETIQUES DE RADIOFREQUENCES SYNTONISEES DE MANIERE SPECIFIQUE

(71, 72) **FUGO, Richard, J.** [US/US]; 1507 Plymouth Boulevard, Plymouth Meeting, PA 19462 (US). **COCCIO, Damian** [US/US]; 2139 Yarnall Road, Pottstown, PA 19464 (US).

(74) **GAMBINO, Darius, C.**; Duane Morris LLP, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H01J 1/304, 9/02

(11) WO 03/038851 (13) A1

(21) PCT/US02/34858

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/336,520 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ORGANIC FIELD EMISSION DEVICE
• COMPOSANT ORGANIQUE A EMISSION DE CHAMP

(71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

(72) **KYMISSIS, Ioannis**; 500 Memorial Drive #217, Cambridge, MA 02139 (US). **AKIN-WANDE, Akintunde, Ibitayo**; 203 Country Club Road, Newton, MA 02459-3118 (US).

(74) **DALY, Christopher, S. et al.** / etc.; Daly, Crowley & Mofford, LLP, Suite 101, 275 Turnpike Street, Canton, MA 02021 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H01J 9/14, C25F 3/14, B23H 3/04

(11) WO 03/038852 (13) A1

(21) PCT/FR02/03586

(22) 21 Oct/oct 2002 (21.10.2002)

(25) fr (26) fr

(30) 01/13953 29 Oct/oct 2001 FR
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND DEVICE FOR ETCHING A THIN CONDUCTIVE LAYER WHICH IS DISPOSED ON AN INSULATING PLATE SUCH AS TO FORM AN ELECTRODE NETWORK THEREON

• PROCEDE ET DISPOSITIF POUR DECAPER UNE COUCHE MINCE CONDUCTRICE DEPOSEE SUR UNE PLAQUE ISOLANTE, DE MANIERE A Y FORMER UN RESEAU D'ELECTRODES.

(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) BETTINELLI, Armand [FR/FR]; 58, avenue d'Haussez, F-38500 Voiron (FR). CREUSOT, Jean-Pierre [FR/FR]; 8, allée du Gerbier, F-38320 Eybens (FR). MARTINEZ, Jean-Claude [FR/FR]; 2, allée des Chênes, F-35131 Chartres de Bretagne (FR).

(74) BROWAEYS, Jean-Philippe; 46, quai Alphonse Le Gallo, F-92648 Boulogne cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01J 17/04, 17/49

(11) WO 03/038853 (13) A1

(21) PCT/FR02/03587

(22) 21 Oct/oct 2002 (21.10.2002)

(25) fr (26) fr

(30) 01/13954 29 Oct/oct 2001 FR
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PLASMA PANEL FACEPLATE COMPRISING UV RADIATION RE-SCATTERING MEANS

• DALLE DE PANNEAU A PLASMA COMPRENANT DES MOYENS POUR RE-DIF FUSER LES RAYONNEMENTS UV

(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) CREUSOT, Jean-Pierre [FR/FR]; 8 Allée du Gerbier, F-38320 EYBENS (FR). RAVERDY, Yvan [FR/FR]; 149 Chemin des Casernes, F-38190 BERNIN (FR).

(74) BROWAEYS, Jean-Philippe; 46 Quai Alphonse Le Gallo, F-92648 Boulogne cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01J 23/36, H01P 7/06, H01J 23/16

(11) WO 03/038854 (13) A1

(21) PCT/GB02/04929

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 0126263.3 1 Nov/nov 2001 GB
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ELECTRON BEAM TUBE APPARATUS
• SYSTEME DE TUBES A FAISCEAUX ELECTRONIQUES

(71) E2V TECHNOLOGIES LIMITED [GB/GB]; 106 Waterhouse Lane, Chelmsford, Essex CM1 2QU (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEPPINSTALL, Roy [GB/GB]; 8 Wakelin Way, Witham, Essex CM8 2TX (GB). WILCOX, David, Mark [GB/GB]; "Maric" Banters Lane, Great Leights, Chelmsford, Essex CM3 1NT (GB).

(74) REDDIE & GROSE; 16 Theobalds Road, London WC1X 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H01J 29/76

(11) WO 03/038855 (13) A1

(21) PCT/JP02/11212

(22) 29 Oct/oct 2002 (29.10.2002)

(25) ja (26) ja

(30) 2001-333188 30 Oct/oct 2001 JP
(30.10.2001)

(30) 2001-333189 30 Oct/oct 2001 JP
(30.10.2001)

(30) 2002-311454 25 Oct/oct 2002 JP
(25.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEFLECTION YOKE AND CATHODE RAY TUBE APPARATUS COMPRISING DEFLECTION YOKE

• COLLET DE DEVIATION ET APPAREIL TUBE CATHODIQUE COMPORTANT UN COLLET DE DEVIATION

(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) OGAWA, Masaru [JP/JP]; H101, Sanbian, 3784, Oaza Higashigata, Fukaya-shi, Saitama 366-0041 (JP). SEKIGUCHI, Sadami [JP/JP]; 202, Banberu-S, 3-5-29, Nakatanishi, Izumi-ku, Yokohama-shi, Kanagawa 245-0015 (JP). KOJIMA, Tadahiro [JP/JP]; C-201, Five-Angel, 786-6, Jurokken, Kumagaya-shi, Saitama 360-0846 (JP). MURAI, Takashi [JP/JP]; 77-3, Tokiwacho, Fukaya-shi, Saitama 366-0034 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigasaki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN KR US.

(84) EP (DE FR GB).

(51)⁷ H01J 31/20, H04N 9/24

(11) WO 03/038856 (13) A1

(21) PCT/IB02/03994

(22) 26 Sep/sep 2002 (26.09.2002)

(25) en (26) en

(30) 01204127.3 29 Oct/oct 2001 EP
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A METHOD OF REDUCING DEFLECTION ERRORS FOR FLAT INTELLIGENT TRACKING (FIT) CRTS

• PROCEDE POUR REDUIRE LES ERREURS DE DEVIATION DANS DES TUBES CATHODIQUES PLATS INTELLIGENTS A CREATION DE PISTES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) IJZERMAN, Willem, L.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KRIJN, Marcellinus, P., C., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HULSHOF, Jozef, J., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). TEULING, Dirk, J., A.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DEGUELLE, Wilhelmus, H., G.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H01J 35/10

(11) WO 03/038857 (13) A1

(21) PCT/US02/20899

(22) 2 Jul/juil 2002 (02.07.2002)

(25) en (26) en

(30) 09/900,252 6 Jul/juil 2001 US (06.07.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • REACTION BRAZING OF TUNGSTEN OR MOLYBDENUM BODY TO CARBONACEOUS SUPPORT

• BRASAGE PAR REACTION D'UN CORPS DE TUNGSTENE OU DE MOLYBDENE AVEC UN SUPPORT CARBONE

(71) GENERAL ATOMICS [US/US]; 3550 General Atomics Court, San Diego, CA 92124-1194 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HORNER, Mervyn, H. [US/US]; 704 Kalamath Drive, dEL mAR, ca 92014 (US). TRESTER, Paul, w. [US/US]; 2312 - 9th Street, Encinitas, CA 92024 (US). VALENTINE, Peter, G. [US/US]; 104 Valley Head Court, Huntsville, AL 35811-7822 (US).

(74) SAMPLES, Kenneth, H.; Fitch, Even, Tabin & Flannery, 120 South LaSalle Street, Suite 1600, Chicago, IL 60603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 H01L

(11) WO 03/038858 (13) A2

(21) PCT/JP02/11450

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 2001-337602 2 Nov/nov 2001 JP (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A SEMICONDUCTOR MANUFACTURING APPARATUS HAVING A BUILT-IN INSPECTION APPARATUS AND A DEVICE MANUFACTURING METHOD USING SAID MANUFACTURING APPARATUS

• APPAREIL DE FABRICATION DE SEMI-CONDUCTEUR PRESENTANT UN APPAREIL DE CONTROLE INTEGRÉ ET PROCEDE DE FABRICATION DE DISPOSITIF FAISANT APPEL AUDIT APPAREIL DE FABRICATION

(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) SATAKE, Tohru [JP/JP]; 2-14-47, Higashikaigankita, Chigasaki-shi, Kanagawa 253-0053 (JP). NOJI, Nobuharu [JP/JP]; 8-2-7, Hisagi, Zushi-shi, Kanagawa 249-0001 (JP).

(74) KANDA, Fujihiro; YUASA AND HARA, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) CN JP KR US.

(84) EP (DE FR GB NL).

(51)⁷ H01L

(11) WO 03/038859 (13) A2

(21) PCT/US02/22921

(22) 19 Jul/juil 2002 (19.07.2002)

(25) en (26) en

(30) 60/306,463 20 Jul/juil 2001 US (20.07.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS AND METHOD OF PRODUCTION OF THIN FILM PHOTOVOLTAIC MODULES

• APPAREIL ET PROCEDE DE PRODUCTION DE MODULES PHOTOVOLTAIQUES A FILM MINCE

(71) ITN ENERGY SYSTEMS, INC. [US/US]; 8130 Shaffer Parkway, Littleton, CO 80127 (US).

(72) FABICK, Leon; 425 S. Corona Street, Denver, CO 80209 (US). YEHLER, Alan; 11215 W. Center Avenue, Lakewood, CO 80226 (US).

(74) SCHWARTZ, Jeff et al. / etc.; McKenna Long & Aldridge, LLP, 1900 K Street NW, Washington, DC 20006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L

(11) WO 03/038860 (13) A2

(21) PCT/US02/33950

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 60/339,447 26 Oct/oct 2001 US (26.10.2001)

(30) Not furnished / 22 Oct/oct 2002 US non communiqué (22.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • QUICK PUNCH THROUGH IGBT HAVING GATE-CONTROLLABLE *di/dt* AND REDUCED EMI DURING INDUCTIVE TURN OFF

• TRANSISTOR IGBT A PERCEMENT RAPIDE COMPRENANT DES VALEURS DI/DT COMMANDEES PAR LA GRILLE ET DES INTERFERENCES ELECTROMAGNETIQUES REDUITES PENDANT LA COUPURE INDUCTIVE

(71) FAIRCHILD SEMICONDUCTOR CORPORATION [US/US]; 82 Running Hill Road, MS 35-4E, South Portland, ME 04106 (US).

(72) YEDINAK, Joseph, A.; 114 Ash Lane, Mountaintop, PA 18707 (US). GLADISH, Jon; 17 Cayuga Street, Forty Fort, PA 18704 (US). SHEKHAWAT, Sampat; 16 Revel Hill Road, Mountaintop, PA 18707 (US). DOLNY, Gary, M.; 633 South Main Road, Mountaintop, PA 18707 (US). SHENOY, Praveen, Muraleedharan; 18-B Wilkeswood Drive, Wilkes-Barre, PA 18702 (US). LANGE, Douglas, J.; 25 Beech Street, Mountaintop, PA 18707 (US). RINEHIMER, Mark, L.; 15 Dunn street, Forty Fort, PA 18704 (US).

(74) FITZGERALD, Thomas, R.; Suite 210, 16 E. Main Street, Rochester, NY 14614-1803 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H01L

(11) WO 03/038861 (13) A2

(21) PCT/US02/34339

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 09/938,686 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • STACKABLE LAYERS CONTAINING ENCAPSULATED INTEGRATED CIRCUIT CHIPS WITH ONE OR MORE OVERLYING INTERCONNECT LAYERS AND A METHOD OF MAKING THE SAME

- COUCHES EMPILABLES ENCAPSULANT DES MICROCIRCUITS, AVEC COUCHES D'INTERCONNEXION EN CHEVAUCHEMENT ET PROCEDE DE FABRICATION
- (71) **IRVINE SENSORS CORPORATION** [US/US]; 3001 Redhill Avenue, Suite 4-109, Costa Mesa, CA 92626-4573 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PEPE, Angel, Antonio** [US/US]; 13 Banyan Tree Lane, Irvine, CA 92612 (US).
YAMAGUCHI, James, Satsuo [US/US]; 29462 Castle Road, Laguna Niguel, CA 92677 (US).
- (74) **ANDRAS, Joseph, Andras, C.**; Myers Dawes & Andras 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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
(11) **WO 03/038862** (13) A2
(21) PCT/US02/34617
(22) **29 Oct/oct 2002 (29.10.2002)**
(25) en (26) en
(30) 60/340,819 **29 Oct/oct 2001** US
(29.10.2001)
(30) 10/020,082 **11 Dec/déc 2001** US
(11.12.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • PADS FOR CMP AND POLISHING SUBSTRATES
• TAMPONS POUR PLANARISATION CHEMICO-MECANIQUE ET POLISSAGE DE SUBSTRATS
- (71) **THOMAS WEST, INC** [US/US]; 470 Mercury Drive, Sunnyvale, CA 94085 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **WEST, Thomas** [US/US]; 187 Goya Road, Portolla Valley, CA 94028 (US).
- (74) **WILLIAMS, Larry**; 122 Calistoga Road, PMB-301, Santa Rosa, CA 95409-3702 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H01L
(11) **WO 03/038863** (13) A2
(21) PCT/US02/34826
(22) **30 Oct/oct 2002 (30.10.2002)**
(25) en (26) en
(30) 10/021,419 **30 Oct/oct 2001** US
(30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • TRENCH DMOS DEVICE WITH IMPROVED DRAIN CONTACT
• DISPOSITIF DMOS A TRANCHEE PRESENTANT UNE BORNE DE DRAIN AMELIOREE
- (71) **GENERAL SEMICONDUCTOR, INC.** [US/US]; 10 Melville Park Road, Melville, NY 11747-3113 (US).
- (72) **HSHIEH, Fwu-luan**; 20768 Sevilla Lane, Saratoga, CA 95070 (US). **SO, Koon Chong**; 591 Woodview Terrace, Fremont, CA 94539 (US). **NELSON, William, John**; 3655 Country Club Terrace, Danville, CA 94506 (US). **AMATO, John, E.**; 585 Pacheco Drive, Tracy, CA 95376 (US).
- (74) **WILLIAMS, Karin, L.**; Mayer, Fortkort & Williams, PC, 2nd Floor, 251 North Avenue West, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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
(11) **WO 03/038864** (13) A2
(21) PCT/US02/34914
(22) **29 Oct/oct 2002 (29.10.2002)**
(25) en (26) en
(30) 09/999,684 **30 Oct/oct 2001** US
(30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • MAGNETO-RESISTIVE BIT STRUCTURE AND METHOD OF MANUFACTURING THEREFOR
• STRUCTURE BINAIRE MAGNETORESISTIVE ET PROCEDE DE FABRICATION ASSOCIE
- (71) **MICRON TECHNOLOGY, INC.** [US/US]; 8000 South Federal Way, P.O. Box 6, Boise, ID 83707-0006 (US).
- (72) **LIU, Harry**; 18915 39th Avenue, Plymouth, MN 55446 (US). **LARSON, William**; 11719 Eden Prairie, Minneapolis, MN 55347 (US). **BERG, Lonny**; 19402 Lander Street NW, Elk River, MN 55330 (US). **ZHU, Theodore**; 6257 Quantico Lane, Maple Grove, MN 55311 (US). **LI, Shaoping**; 3641 Lancaster Lane N. #205, Plymouth, MN 55441 (US).
- KATTI, Romney, R.**; 8636 Terraceview Lane N., Maple Grove, MN 55447 (US). **LI, Yong**; 3301 Hwy 169 N. #311, Plymouth, MN 55441 (US). **ARROTT, Anthony**; 5026 Reno Road, Washington, DC 20008 (US).
- (74) **HUNT, Dale, C.**; KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L
(11) **WO 03/038865** (13) A2
(21) PCT/US02/34923
(22) **31 Oct/oct 2002 (31.10.2002)**
(25) en (26) en
(30) 10/032,908 **1 Nov/nov 2001** US
(01.11.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • STACKING MULTIPLE DEVICES USING DIRECT SOLDERING
• EMPILEMENT DE MULTIPLES DISPOSITIFS PAR SOUDAGE DIRECT
- (71) **VIRTUUM TECHNOLOGY, INC.** [US/US]; 51 Parker, Irvine, CA 92618 (US).
- (72) **NGUYEN, Chinh**; 34 Montclair, Irvine, CA 92602 (US). **HOANG, Phu**; 14 Pastora, Foothill Ranch, CA 92610 (US). **HOANG, Phan**; 23411 Via Linda Unit B, Mission Viejo, CA 92691 (US). **LE, Andy**; 11092 Wasco Road, Garden Grove, CA 92841 (US).
- (74) **NGUYEN, Thinh, V. et al.** / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025-1026 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/00
(11) **WO 03/038866** (13) A2
(21) PCT/EP02/11986

- (22) **26 Oct/oct 2002 (26.10.2002)**
- (25) de (26) de
- (30) 101 53 225.3 **31 Oct/oct 2001 DE (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND DEVICE FOR DRYING FLAT OBJECTS, IN PARTICULAR GALLIUM OR SILICON WAFERS OR OTHER LIKE SUBSTRATES
- PROCEDE ET DISPOSITIF POUR SECHER DES OBJETS PLATS, NOTAMMENT DES TRANCHES DE GALLIUM OU DE SILICIUM OU BIEN DES SUBSTRATS ANALOGUES
- (71) SEMAX PROZESS TECHNIK GMBH [DE/DE]; Raitenauergasse 3, 78462 Konstanz (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RIETMANN, Werner [CH/CH]; Fraun- gartenstrasse 14, CH-8273 Triboltingen (CH).
- (74) HIEBSCH, Gerhard, F. et al. / etc.; Hieb- sch Peege 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 H01L 21/00, 51/20, G06K 19/07, 19/077, H01L 27/00
- (11) WO 03/038867 (13) A1
- (21) PCT/IB02/04356
- (22) **18 Oct/oct 2002 (18.10.2002)**
- (25) en (26) en
- (30) 01890303.9 **31 Oct/oct 2001 EP (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD OF MANUFACTURING MODULES WITH AN ORGANIC INTEGRATED CIRCUIT
- PROCEDE DE REALISATION DE MO- DULES COMPRENANT UN CIRCUIT INTEGRE ORGANIQUE
- (71) KONINKLIJKE PHILIPS ELECTRON- ICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) BRUGGER, Christian; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). FRITZ, Reinhard; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LANGE, Anthonie, A.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). ROOSMALEN, Johannes, H., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WEEKAMP, Jonannus, W.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
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- (22) **28 Oct/oct 2002 (28.10.2002)**
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- (54) • HIGH RESISTIVITY SILICON CAR- BIDE SINGLE CRYSTAL
- MONOCRISTAL DE CARBURE DE SI- LICIUM A RESISTIVITE ELEVEE
- (71) OKMETIC OYJ [FI/FI]; P.O. Box 44, FIN- 01301 Vantaa (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ELLISON, Alexandre [FR/SE]; Dra- bantgatan 45, S-582 14 Linköping (SE). SON, Nguyen, Tien [VN/SE]; Rydsvägen 214B, S-584 32 Linköping (SE). MAGNUSSON, Björn [SE/SE]; Konsistoriegatan 20, S-582 34 Linköping (SE). JANZÉN, Erik [SE/SE]; Igelkottsvägen 6, S-590 31 Borensberg (SE).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (22) **3 Sep/sep 2002 (03.09.2002)**
- (25) en (26) en
- (30) 60/316,722 **31 Aug/août 2001 US (31.08.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • UNIVERSAL MODULAR WAFER TRANSPORT SYSTEM
- SYSTEME DE TRANSPORT MO- DULAIRE UNIVERSEL POUR PLA- QUETTES
- (71) ASYST TECHNOLOGIES, INC. [US/US]; 48761 Kato Road, Fremont, CA 94538 (US).
- (72) BONORA, Anthony, C.; 270 Family Farm Road, Woodside, CA 94062 (US). GOULD,
- Richard, H.; 35630 Dee Place, Fremont, CA 95066 (US). HINE, Roger, G.; 129 Dolton Avenue, San Carlos, CA 94070 (US). KRO- LAK, Michael; 5 Spring Street, Los Gatos, CA 95030 (US). SPEASL, Jerry; 4172 Grant Court, Pleasanton, CA 94566 (US).
- (74) MILLER, Mark, E. et al. / etc.; O'Melveny & Myers LLP, 275 Battery Street, San Fran- cisco, 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 IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CONFIGURABLE SINGLE SUB- STRATE WET-DRY INTEGRATED CLUSTER CLEANER
- APPAREIL DE NETTOYAGE D'UN SEUL SUBSTRAT CONFIGURABLE, A FONCTION DE LAVAGE ET DE SECHAGE INTEGREES ET A EFFET BERNOULLI
- (71) APPLIED MATERIALS, INC. [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).
- (72) LUSCHER, Paul, E.; 1365 Flicker Way, Sunnyvale, CA 94087 (US). CARDUCCI, James, D.; 731 Gail Avenue, Sunnyvale, CA 94086 (US). SALIMIAN, Siamak; 958 Gerber Court, Sunnyvale, CA 94087 (US). WELCH, Michael, D.; 1169 Pineto Place, Pleasanton, CA 94566 (US).
- (74) PATTERSON, B., Todd et al. / etc.; Moser, Patterson & Sheridan, L.L.P., 3040 Post Oak Blvd., Suite 1500, Houston, TX 77056 (US).
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- (30) 10/021,218 **29 Oct/oct 2001 US (29.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • NON-CONTACTING DEPOSITION CONTROL OF CHALCOPYRITE THIN FILMS

- COMMANDE DE DEPOT SANS CONTACT DE COUCHES MINCES DE CHALCOPYRITE
- (71) ENERGY PHOTOVOLTAICS [US/US]; P.O. Box 7456, Princeton, NJ 07543 (US).
- (72) DELAHOY, Alan, E.; 33 Washington Street, Rocky Hill, NJ 08553 (US).
- (74) FALLOW, Charles, W.; Shoemaker and Mattare, P.O. Box 2286, Arlington, VA 22202-0286 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) en (26) en
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- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND SYSTEM FOR MONITORING A SEMICONDUCTOR WAFER PLASMA ETCH PROCESS
- PROCEDE ET SYSTEME DE CONTROLE D'UN PROCESSUS DE GRAVURE PAR PLASMA D'UNE PLAQUETTE SEMI-CONDUCTRICE
- (71) MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) PETRUCCI, Joseph.; 15 Saddle Ridge Road, New Milford, CT 06776 (US). MALTABES, John.; 4512 Eagle Feather Drive, Austin, TX 78735 (US). MAUTZ, Karl; 2306 Woodway North, Round Rock, TX 78681 (US).
- (74) KOCH, William, E.; Corporate Law Department, Intellectual Property Section, 7700 West Parmer Lane, MD: TX32/PL02, Austin, TX 78729 (US) et al. / etc.
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/00, 29/06, 27/15, 33/00
- (11) WO 03/038874 (13) A1
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- (22) 21 Oct/oct 2002 (21.10.2002)
- (25) en (26) en
- (30) 09/983,994 26 Oct/oct 2001 US (26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DIODE HAVING VERTICAL STRUCTURE AND METHOD OF MANUFACTURING THE SAME
- DIODE A STRUCTURE VERTICALE ET PROCEDE DE FABRICATION ASSOCIE
- (71) ORIOL, INC. [US/US]; 3390 Viso Court, Santa Clara, CA 95054 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YOO, Myung, Cheol [KR/US]; 6321 Camino Del Lago, Pleasanton, CA 94566 (US).
- (74) ARROYO, Teresa, M., et al. / etc.; McKenna Long & Aldridge LLP, 1900 K Street, N.W., Washington, DC 20006 (US).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 21/027, C23C 16/26, H01L 21/314, C23C 16/27, G03F 7/09, 7/11
- (11) WO 03/038875 (13) A2
- (21) PCT/DE02/04034
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) de (26) de
- (30) 101 53 310.1 29 Oct/oct 2001 DE (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR PHOTOLITHOGRAPHIC STRUCTURING BY MEANS OF A CARBON HARD MASK LAYER WHICH HAS A DIAMOND-LIKE HARDNESS AND IS PRODUCED BY MEANS OF A PLASMA-ENHANCED DEPOSITION METHOD
- PROCEDE DE STRUCTURATION PHOTOLITHOGRAPHIQUE AU MOYEN D'UNE COUCHE MASQUE DURE, DE DURETE ANALOGUE AU DIAMANT, OBTENUE PAR DEPOT ASSISTE AU PLASMA
- (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) CZECH, Guenther [DE/DE]; Seeligstrasse 17, 01465 Langebrück (DE). FUELBBER, Carsten [DE/DE]; Bachstrasse 15, 01099 Dresden (DE). KIRCHHOFF, Markus [DE/DE]; Steinstrasse 9, 01458 Ottendorf-Okrilla (DE). STEGEMANN, Maik [DE/DE]; Schunckstrasse 3, 01157 Dresden (DE). VOGT, Mirko [DE/DE]; Burekhardstrasse 9, 01307 Dresden (DE). WEGE, Stephan [DE/DE]; Hauptstrasse 7 A, 01474 Weissing (DE).
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- (81) JP KR US.
- (84) EP (DE FR GB IE IT).
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- (30) 10/046,346 26 Oct/oct 2001 US (26.10.2001)

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- (54) • SIC BIPOLAR SEMICONDUCTOR DEVICES WITH FEW CRYSTAL DEFECTS
- DISPOSITIFS A SEMI-CONDUCTEURS BIPOLAIRES SIC PRESENTANT QUELQUES DEFAUTS CRISTALLINS
- (63) US 10/046,346 (CON)
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- (72, 75) SUMAKERIS, Joseph, J. [US/US]; 4412 Surry Ridge Circle, Apex, NC 27502 (US). SINGH, Ranbir [IN/US]; 403 Burgwin Wright Way, Cary, NC 27519 (US). PAISLEY, Michael, James [US/US]; 1903 Ford Gates Drive, Garner, NC 27529 (US). MUELLER, Stephan, Georg [DE/US]; 100-123 Laurel Springs Drive, Durham, NC 27713 (US). HOBGOOD, Hudson, M. [US/US]; 501 Fearington Post, Pittsboro, NC 27312 (US). CARTER, Calvin, H., Jr. [US/US]; 114 N. Drawbridge Lane, Cary, NC 27513 (US). BURK, Albert, Augustus, Jr. [US/US]; 105 Marigold Court, Chapel Hill, NC 27516 (US).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT 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 03/038878 (13) A2
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(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR FABRICATING SEMICONDUCTOR STRUCTURES
- PROCEDE DE FABRICATION DE STRUCTURES SEMI-CONDUCTRICES
- (71) MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) YU, Zhiyi; 449 W. Merrill Avenue, Gilbert, AZ 85233 (US). DROOPAD, Ravindranath; 4515 W. Tyson Street, Chandler, AZ 85226 (US). OVERGAARD, Corey; 2034 W. Mulberry Drive, Phoenix, AZ 85015 (US).
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- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) en (26) en
- (30) 10/007,530 26 Oct/oct 2001 US
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS AND APPARATUS FOR PLASMA DOPING AND ION IMPLANTATION IN AN INTEGRATED PROCESSING SYSTEM
- PROCEDES ET APPAREILS DE DOPAGE PAR PLASMA ET D'IMPLANTATION IONIQUE DANS UN SYSTEME DE TRAITEMENT INTEGRE
- (71) VARIAN SEMICONDUCTOR EQUIPMENT ASSOCIATES, INC. [US/US]; 35 Dory Road, Gloucester, MA 01930 (US).
- (72) WALTHER, Steven, R.; 83 Morton Street, Andover, MA 01810 (US).
- (74) MCCLELLAN, William, R.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).
- (81) CN JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ H01L 21/301, B28D 5/00, B23K 26/00
- (11) WO 03/038880 (13) A1
- (21) PCT/JP02/11177
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) ja (26) ja
- (30) 2001-335149 31 Oct/oct 2001 JP
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- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD OF FORMING SCRIBE LINE ON SEMICONDUCTOR WAFER, AND SCRIBE LINE FORMING DEVICE
- PROCEDE DE FORMATION DE CHEMIN DE DECOUPE SUR UNE TRANCHE DE SEMI-CONDUCTEUR, ET DISPOSITIF POUR FORMER UN CHEMIN DE DECOUPE
- (71) MITSUBOSHI DIAMOND INDUSTRIAL CO., LTD. [JP/JP]; 12-12, Minamikaneden 2-chome, Suita-shi, Osaka 564-0044 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WAKAYAMA, Haruo [JP/JP]; c/o MITSUBOSHI DIAMOND INDUSTRIAL CO., LTD., 12-12, Minamikaneden 2-chome, Suita-shi, Osaka 564-0044 (JP).
- (74) YAMAMOTO, Shusaku et al. / etc.; Fifteenth Floor, Crystal Tower, 2-27, Shiro-1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(26.10.2001)
- (30) 10/255,926 **25 Sep/sep 2002** US
(25.09.2002)
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- (54) • DIRECT BONDING OF ARTICLES CONTAINING SILICON
• COLLAGE DIRECT D'ARTICLES CONTENANT DU SILICIUM
- (71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
- (72) SABIA, Robert; 133 Olcott Road, Big Flats, NY 14814 (US).
- (74) SCHAEFERLE, Timothy, M.; 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 UZ VC VN YU ZA ZM ZW.
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- (11) WO 03/038882 (13) A1
- (21) PCT/JP02/11094
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) ja (26) ja
- (30) 2001-333233 **30 Oct/oct 2001** JP
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND PAD FOR POLISHING WAFER
• PROCEDE ET PATIN DE POLISSAGE DE PLAQUETTE
- (71) SHIN-ETSU HANDOTAI CO.,LTD. [JP/JP]; 4-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). RODEL NITTA COMPANY [JP/JP]; 4-26, Sakuragawa 4-chome, Naniwa-ku, Osaka-shi, Osaka 556-0022 (JP).
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- (72, 75) MASUMURA, Hisashi [JP/JP]; c/o SHIN-ETSU HANDOTAI CO., LTD. Shirakawa R & D Center, 150, Aza Ohira, Oaza Odakura, Nishigo-mura, Nishishirakawa-gun, Fukushima 961-8061 (JP). TOMII, Kazuya [JP/JP]; c/o SHIN-ETSU HANDOTAI CO., LTD., 4-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). ITO, Shigenao [JP/JP]; c/o RODEL NITTA COMPANY Nara Factory, 172, Ikezawa-cho, Yamatokohriyama-shi, Nara 639-1032 (JP). ANZAI, Kenichi [JP/JP]; c/o RODEL NITTA COMPANY Nara Factory, 172, Ikezawa-cho, Yamatokohriyama-shi, Nara 639-1032 (JP). INOUE, Kenichi [JP/JP]; c/o RODEL NITTA COMPANY Nara Factory, 172, Ikezawa-cho, Yamatokohriyama-shi, Nara 639-1032 (JP).
- (74) ISHIHARA, Shoiji; No.302, Wakai Bldg., 7-8, Higashi-Ikebukuro 3-chome, Toshima-ku, Tokyo 170-0013 (JP).

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- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- (51)⁷ H01L 21/304
- (11) WO 03/038883 (13) A1
- (21) PCT/JP02/11370
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) ja (26) ja
- (30) 2001-334376 **31 Oct/oct 2001** JP
(31.10.2001)
- (30) 2002-10280 **18 Jan/jan 2002** JP
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- (30) 2002-160181 **31 May/mai 2002** JP
(31.05.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • POLISHING FLUID AND POLISHING METHOD
• FLUIDE ET PROCEDE DE POLISSAGE
- (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) AMANOKURA, Jin [JP/JP]; c/o HITACHI CHEMICAL CO., LTD., Yamazaki Works, 13-1, Higashi-cho 4-chome, Hitachi-shi, Ibaraki 317-0061 (JP). SAKURADA, Takafumi [JP/JP]; c/o HITACHI CHEMICAL CO., LTD., Yamazaki Works, 13-1, Higashi-cho 4-chome, Hitachi-shi, Ibaraki 317-0061 (JP). ANZAI, Sou [JP/JP]; c/o HITACHI CHEMICAL CO., LTD., Yamazaki Works, 13-1, Higashi-cho 4-chome, Hitachi-shi, Ibaraki 317-0061 (JP). FUKASAWA, Masato [JP/JP]; c/o HITACHI CHEMICAL CO., LTD., Research & Development Center, 13-1, Higashi-cho 4-chome, Hitachi-shi, Ibaraki 317-0061 (JP). SASAKI, Shouichi [JP/JP]; c/o HITACHI CHEMICAL CO., LTD., Research & Development Center, 13-1, Higashi-cho 4-chome, Hitachi-shi, Ibaraki 317-0061 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H01L 21/304
- (11) WO 03/038882 (13) A1
- (21) PCT/JP02/11094
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) ja (26) ja
- (30) 2001-333233 **30 Oct/oct 2001** JP
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND PAD FOR POLISHING WAFER
• PROCEDE ET PATIN DE POLISSAGE DE PLAQUETTE
- (71) SHIN-ETSU HANDOTAI CO.,LTD. [JP/JP]; 4-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). RODEL NITTA COMPANY [JP/JP]; 4-26, Sakuragawa 4-chome, Naniwa-ku, Osaka-shi, Osaka 556-0022 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MASUMURA, Hisashi [JP/JP]; c/o SHIN-ETSU HANDOTAI CO., LTD. Shirakawa R & D Center, 150, Aza Ohira, Oaza Odakura, Nishigo-mura, Nishishirakawa-gun, Fukushima 961-8061 (JP). TOMII, Kazuya [JP/JP]; c/o SHIN-ETSU HANDOTAI CO., LTD., 4-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). ITO, Shigenao [JP/JP]; c/o RODEL NITTA COMPANY Nara Factory, 172, Ikezawa-cho, Yamatokohriyama-shi, Nara 639-1032 (JP). ANZAI, Kenichi [JP/JP]; c/o RODEL NITTA COMPANY Nara Factory, 172, Ikezawa-cho, Yamatokohriyama-shi, Nara 639-1032 (JP). INOUE, Kenichi [JP/JP]; c/o RODEL NITTA COMPANY Nara Factory, 172, Ikezawa-cho, Yamatokohriyama-shi, Nara 639-1032 (JP).
- (74) ISHIHARA, Shoiji; No.302, Wakai Bldg., 7-8, Higashi-Ikebukuro 3-chome, Toshima-ku, Tokyo 170-0013 (JP).

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • A METHOD FOR BONDING A PAIR OF SILICON WAFERS TOGETHER AND A SEMICONDUCTOR WAFER
• PROCEDE DE LIAISON D'UNE PAIRE DE PLAQUETTES DE SILICIUM ET PLAQUETTE DE SEMI-CONDUCTEUR
- (71) ANALOG DEVICES INC. [US/US]; One Technology Way, Norwood, MA 02062 (US).
- (72) NEVIN, William, Andrew; 9 Old Gilford Road, County Armagh, Northern Ireland (GB). McCANN, Paul, Damien; Site 30, Lynda Meadows, Jordanstown, County Armagh, Northern Ireland (GB). O'NEILL, Garry, Patrick; 1 Drumconvis Road, Coagh, County Tyrone, Northern Ireland (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (11) WO 03/038885 (13) A1
- (21) PCT/EP02/11691
- (22) 18 Oct/oct 2002 (18.10.2002)
- (25) de (26) de
- (30) 101 53 288.1 **31 Oct/oct 2001** DE
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR MAKING A SEMICONDUCTOR COMPONENT
• PROCEDE DE FABRICATION D'UN COMPOSANT SEMI-CONDUCTEUR
- (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) HECHT, Thomas [DE/DE]; Zittauer Str. 22, 01099 Dresden (DE). SEIDL, Harald [DE/DE]; Bodmerstrasse 5, 85622 Feldkirchen (DE).
- (74) BARTH, Stephan et al. / etc.; Reinhard, Skuhra, Weise & Partner GbR, Friedrichstrasse 31, 80801 München (DE).
- (81) JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ H01L 21/3205, 21/4763
- (11) WO 03/038886 (13) A1
- (21) PCT/US02/33045
- (22) 14 Oct/oct 2002 (14.10.2002)
- (25) en (26) en

- (30) 10/040,059 **26 Oct/oct 2001** US
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • FORMATION OF SELF-ASSEMBLED MONOLAYERS ON SILICON SUBSTRATES
• FORMATION DE MONOCOUCHEES AUTO-ASSEMBLEES SUR DES SUBSTRATS DE SILICIUM
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 5th Floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).
- (72) **BOCIAN, David, F.**; 6308 Glen Air Avenue, Riverside, CA 92506 (US). **KUHR, Werner, G.**; 7075 Coriander Drive, Oak Hills, CA 92345 (US). **LINDSEY, Jonathan, S.**; 3300-301 Cotton Mill Drive, Raleigh, NC 27612 (US). **DABKE, Rajeeve, Balkrishna**; 7175 Moon Road #402, Columbus, OH 31909 (US). **LIU, Zhiming**; Apartment 20, 5200 Canyon Crest Drive, Riverside, CA 92507 (US).
- (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ H01L 21/4763
- (11) WO 03/038887 (13) A1
- (21) PCT/US02/34594
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 60/335,811 **31 Oct/oct 2001** US
(31.10.2001)
- (30) 10/282,542 **28 Oct/oct 2002** US
(28.10.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CONTACT PLANARIZATION MATERIALS THAT GENERATE NO VOLATILE BYPRODUCTS OR RESIDUE DURING CURING
• DES MATERIAUX DE PLANARISATION PAR CONTACT QUI NE GENERENT PAS DE SOUS-PRODUITS OU DE RESIDUS VOLATILES PENDANT LE DURCISSEMENT
- (71) BREWER SCIENCE, INC. [US/US]; 2401 Brewer Drive, Rolla, MO 65401-9926 (US).
- (72) **WU-SHENG, Shih**; Apt. A, 1202 La Jolla Ct., Rolla, MO 65401-9926 (US). **Lamb, James, E., III**; 1511 Science Drive, Rolla, MO 65401-9926 (US).
- (74) **BORNMAN, Tracy**; Hovey Williams LLP, Suite 400, 2405 Grand Boulevard, Kansas City, MO 64108-2519 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (b)
- (51)⁷ H01L 21/66
- (11) WO 03/038888 (13) A2
- (21) PCT/US02/25402
- (22) 9 Aug/août 2002 (09.08.2002)
- (25) en (26) en
- (30) 10/020,551 **30 Oct/oct 2001** US
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR CASCADE CONTROL USING INTEGRATED METROLOGY
• PROCEDE ET APPAREIL DE REGULATION EN CASCADE AU MOYEN DE METROLOGIE INTEGREE
- (71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).
- (72) **PASADYN, Alexander, J.**; 8717 Dandelion Trail, Austin, TX 78745 (US). **BODE, Christopher, A.**; 4700 Staggerbrush Road #738, Austin, TX 78749 (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 SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H01L 21/66
- (11) WO 03/038889 (13) A2
- (21) PCT/US02/34140
- (22) 23 Oct/oct 2002 (23.10.2002)
- (25) en (26) en
- (30) 09/998,858 **31 Oct/oct 2001** US
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR NITRIDE SPACER ETCH PROCESS IMPLEMENTING IN SITU INTERFEROMETRY ENDPOINT DETECTION AND NON-INTERFEROMETRY ENDPOINT MONITORING
• PROCEDE ET APPAREIL DE MISE EN OEUVRE IN SITU DE LA DETECTION INTERFEROMETRIQUE D'UN POINT EXTREME ET DE LA SURVEILLANCE NON INTERFEROMETRIQUE D'UN POINT EXTREME PAR TRAITEMENT D'ATTAQUE CHIMIQUE D'UN INTERCALAIRE AU NITRURE
- (71) LAM RESEARCH CORPORATION [US/US]; 4650 Cushing Parkway, Fremont, CA 94538 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHOU, Wen-Ben** [US/US]; 3208 Kipling Street, Palo Alto, CA 94306 (US). **CHENG, Shih-Yuan** [—/US]; 160 Mira Street, Foster City, CA 94404 (US). **TU, Wayne** [—/US]; 42252 Camiro Santa Barbara, Fremont, CA 94539 (US).
- (74) **PENILLA, Albert, S.**; Martine & Penilla, LLP, 710 Lakeway Drive, Suite 170, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H01L 21/66, 21/321
- (11) WO 03/038890 (13) A2
- (21) PCT/US02/35058
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 10/002,676 **31 Oct/oct 2001** US
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR PLANARIZATION ETCH WITH IN-SITU MONITORING BY INTERFEROMETRY PRIOR TO RECESS ETCH
• PROCEDE DE GRAVURE DE PLANARISATION A REGULATION <I>IN SITU</I> PAR INTERFEROMETRIE AVANT GRAVURE D'EVIDEMENTS
- (71) LAM RESEARCH CORPORATION [US/US]; 4650 Cushing Parkway, Fremont, CA 94538 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRALY, Linda** [US/US]; 1208 Marin Avenue, Albany, CA 94706 (US). **VAHEDI, Vahid** [US/US]; 1503 Posen Avenue, Albany, CA 94706 (US). **EDELBERG, Erik** [US/US]; 2027 18th Street, San Francisco, CA 94107 (US). **MILLER, Alan** [US/US]; 265 Corliss Drive, Moraga, Ca 94556 (US).
- (74) **MIZUMOTO, Edmund, H.** et al. / etc.; Martine & Penilla, LLP, 710 Lakeway Drive, Suite 170, 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 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 BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 H01L 21/68, H01J 37/32
(11) WO 03/038891 (13) A1
(21) PCT/DE02/03930
(22) 17 Oct/oct 2002 (17.10.2002)
(25) de (26) de
(30) 101 52 101.4 23 Oct/oct 2001 DE
(23.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • ELECTROSTATIC WAFER HOLDER
DEVICE
• DISPOSITIF ELECTROSTATIQUE DE
RETENUE DE TRANCHES
- (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) GAUTSCH, Jürgen [DE/DE];
Karl-Wähmann-Strasse 20, 83512 Wasser-
burg (DE). KÖPPING, Andreas [DE/DE];
Mövenstrasse 27, 85652 Pliening (DE).
PÖSL, Christian [DE/DE]; Dembler
Strasse 22, 81549 München (DE). BOCHE,
Bernhard [DE/DE]; Im Gefilde 69, 81739
München (DE).
- (74) VIERING, Hans-Martin; Viering,
Jentschura & Partner, Steinsdorfstrasse 6,
80538 München (DE).
- (81) CN SG US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
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- (51)⁷ H01L 21/768
(11) WO 03/038892 (13) A2
(21) PCT/US02/34277
(22) 25 Oct/oct 2002 (25.10.2002)
(25) en (26) en
(30) 60/346,086 26 Oct/oct 2001 US
(26.10.2001)
(30) 10/193,333 10 Jul/juil 2002 US
(10.07.2002)
(30) 10/199,415 18 Jul/juil 2002 US
(18.07.2002)
(43) 8 May/mai 2003 (08.05.2003)
(54) • INTEGRATION OF ALD TANTALUM
NITRIDE AND ALPHA-PHASE TAN-
TALUM FOR COPPER METALLIZA-
TION APPLICATION
• INTEGRATION DE NITRURE DE
TANTALE OBTENU PAR DEPOT
EN COUCHES ATOMIQUES ET DE
TANTALE PHASE ALPHA, POUR AP-
PLICATION DE METALLISATION
CUIVRE
- (71) APPLIED MATERIALS, INC. [US/US];
3050 Bowers Avenue, Santa Clara, CA 95054
(US).
(72) CHEN, Ling; 784 Dartshire Way, Sun-
nyvale, CA 94087 (US). CHUNG, Hua;
4645 Piper Drive, San Jose, CA 95129 (US).
SEUTTER, Sean, M.; 4261 Stevenson Blvd.,
No. 227, Fremont, CA 94538 (US). YANG,
Michael, X.; 793 Cereza Drive, Palo Alto,
CA 94306 (US). YI, Ming; 138 Beaumere
Way, Milpitas, CA 95035 (US). KU, Vin-
cent; 1830 Daltrey Way, San Jose, CA 95132
(US). WU, Dien-Yeh; 3625 Rowley Drive,
San Jose, CA 95132 (US). OUYE, Alan; 716
North Idaho Street, San Mateo, CA 94401
(US). NAKASHIMA, Norman; 841 Lincoln
Avenue, Sunnyvale, CA 94086 (US). CHIN,
Barry; 13174 Cumberland Drive, Saratoga,
CA 95070 (US). ZHANG, Hong; 45020
Pawnee Drive, Fremont, CA 94539 (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 KR SG.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ H01L 21/8249
(11) WO 03/038893 (13) A2
(21) PCT/EP02/11853
(22) 23 Oct/oct 2002 (23.10.2002)
(25) de (26) de
(30) 101 52 915.5 26 Oct/oct 2001 DE
(26.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • SEMICONDUCTOR STRUCTURE AND
METHOD FOR THE PRODUCTION
THEREOF
• STRUCTURE A SEMI-CONDUCTEUR
ET PROCEDE DE FABRICATION DE
LADITE STRUCTURE
- (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) GRATZ, Achim [DE/DE]; Am Brauhaus
10, 01099 Dresden (DE). KRIZ, Jakob
[DE/DE]; Wasastrasse 10, 01689 Weinböhla
(DE).
- (74) SCHOPPE, Fritz et al. / etc.; Schoppe, Zim-
mermann, Stöckeler & Zinkler, Postfach 71
08 67, 81458 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 OMPH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK 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 23/12, 23/31
(11) WO 03/038894 (13) A2
(21) PCT/DE02/03425
- (22) 13 Sep/sep 2002 (13.09.2002)
(25) de (26) de
(30) 101 51 151.5 19 Oct/oct 2001 DE
(19.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • CHIP MODULE
• MODULE DE PUCE
- (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) KARL, Andreas [DE/DE]; Wassergasse
3, 93105 Tegernheim (DE). KOCZWARA,
Norbert [DE/DE]; Talstrasse 42, 58553
Halver (DE). MAYERHOFER, Boris
[DE/DE]; Prinzenweg 20, 93047 Re-
gensburg (DE). MENSCH, Hans-Georg
[DE/DE]; Hofenstetten 1, 92431 Neun-
burg (DE). SPOETTL, Thomas [DE/DE];
Bischof-Wittmann-Strasse 38, 93051 Re-
gensburg (DE).
- (74) EPPING HERMANN & FISCHER; Ri-
dlerstrasse 55, 80339 München (DE).
- (81) BR CA CN IL IN JP KR MX RU UA US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ H01L 23/544
(11) WO 03/038895 (13) A1
(21) PCT/US02/31903
(22) 4 Oct/oct 2002 (04.10.2002)
(25) en (26) en
(30) 10/016,633 30 Oct/oct 2001 US
(30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
(54) • WAFER SCRIBING METHOD AND
WAFER SCRIBING DEVICE
• PROCEDE ET DISPOSITIF DE RAINU-
RAGE DE PLAQUETTES
- (71) MOTOROLA, INC. [US/US]; 1303 East
Algonquin Road, Schaumburg, IL 60196
(US).
(72) PEITER, Martin; Schanzen Street 17,
01097 Dresden (DE). MARX, Eckhard;
Birkenweg 2, 01471 Radeburg (DE).
MAUTZ, Karl, E.; 2306 Woodway North,
Round Rock, TX 78681 (US).
(74) KOCH, William, E.; Motorola Labs, Co-
porate Law Department, Intellectual Property
Section, 7700 West Parmer Lane, MD:
TX32/PL02, Austin, TX 78729 (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 OMPH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 H01L 23/544
 (11) WO 03/038896 (13) A2
 (21) PCT/US02/34809
 (22) 29 Oct/oct 2002 (29.10.2002)
 (25) en (26) en
 (30) 10/016,288 30 Oct/oct 2001 US
 (30.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • BALL GRID ARRAY X-RAY ORIENTATION MARK
 • MARQUEUR VISIBLE AUX RAYONS X DE L'ORIENTATION DE GRILLES MATRICIELLES A BILLES
 (71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).
 (72) PRIMROSE, Paul W.; 11318 Matinal Circle, San Diego, CA 92127 (US).
 (74) WADSWORTH, Philip R. et al. / etc.; 5775 Morehouse Drive, San Diego, CA 92121 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H01L 25/16
 (11) WO 03/038897 (13) A2
 (21) PCT/DE02/03296
 (22) 6 Sep/sep 2002 (06.09.2002)
 (25) de (26) de
 (30) 101 51 440.9 18 Oct/oct 2001 DE
 (18.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • ELECTRONIC UNIT, CIRCUIT DESIGN FOR THE SAME, AND PRODUCTION METHOD
 • UNITE ELECTRONIQUE, CONCEPT DE CIRCUIT POUR CETTE UNITE ET PROCEDE DE PRODUCTION
 (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) CLEMENS, Wolfgang [DE/DE]; Kornstr. 5, 90617 Puschendorf (DE). FIX, Walter [DE/DE]; Mühlstr. 20A, 90762 Fürth (DE). ZAPF, Jörg [DE/DE]; Dalandstr. 1, 81927 München (DE).
 (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
 (81) JP US.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : JP EP (AT BE BG CH

CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
 (u) for / pour US only / seulement

- (51)⁷ H01L 27/00
 (11) WO 03/038898 (13) A2
 (21) PCT/DE02/03843
 (22) 11 Oct/oct 2002 (11.10.2002)
 (25) de (26) de
 (30) 101 52 919.8 26 Oct/oct 2001 DE
 (26.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • ORGANIC ELECTROLUMINESCENT DISPLAY
 • SYSTEME D'AFFICHAGE ELECTROLUMINESCENT ORGANIQUE
 (71) OSRAM OPTO SEMICONDUCTORS GMBH [DE/DE]; Wernerwerkstrasse 2, 93049 Regensburg (DE).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) BIRSTOCK, Jan [DE/DE]; Johannsplatz 3/440, 04103 Leipzig (DE). BLÄSSING, Jörg [DE/DE]; Kopernikusstrasse 97, 73447 Oberkochen (DE). HEUSER, Karsten [DE/DE]; Eifelweg 3, 91056 Erlangen (DE). STÖSSEL, Matthias [DE/DE]; Paul-Martin-Ufer 52, 68163 Mannheim (DE). WITTMANN, Georg [DE/DE]; Erlenstrasse 10 A, 91074 Herzogenaurach (DE).
 (74) EPPING, HERMANN & FISCHER; Rüdlerstrasse 55, 80339 München (DE).
 (81) CN JP US.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)⁷ H01L 27/08, 21/02
 (11) WO 03/038899 (13) A2
 (21) PCT/EP02/11756
 (22) 21 Oct/oct 2002 (21.10.2002)
 (25) de (26) de
 (30) 101 52 914.7 26 Oct/oct 2001 DE
 (26.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • SEMICONDUCTOR STRUCTURE WITH A COIL UNDERNEATH THE FIRST WIRING LAYER OR BETWEEN TWO WIRING LAYERS
 • STRUCTURE A SEMI-CONDUCTEUR DOTEÉ D'UNE BOBINE PLACEÉ SOUS LA PREMIÈRE COUCHE DE CABLAGE OU ENTRE DEUX COUCHES DE CABLAGE
 (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) GOLLER, Klaus [DE/DE]; Helmholtzstrasse 3 B, 01069 Dresden (DE).
 (74) SCHOPPE, Fritz et al. / etc.; Schoppe, Zimmermann, Stöckeler & Zinkler, Postfach 71 08 67, 81458 München (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H01L 27/105, G11C 11/15
 (11) WO 03/038900 (13) A1
 (21) PCT/JP02/11248
 (22) 29 Oct/oct 2002 (29.10.2002)
 (25) ja (26) ja
 (30) 2001-334801 31 Oct/oct 2001 JP
 (31.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • IMAGE DISPLAYING METHOD AND IMAGE DISPLAYING DEVICE
 • PROCEDE ET DISPOSITIF D'AFFICHAGE D'IMAGES
 (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) KIRAMURA, Kohji [JP/JP]; c/o Yasu site, IBM Japan Ltd., 800, Ohaza Ichimiya, Yasu-cho, Yasu-gun, Shiga 520-2362 (JP). SUNAGA, Toshio [JP/JP]; c/o Yasu site, IBM Japan Ltd., 800, Ohaza Ichimiya, Yasu-cho, Yasu-gun, Shiga 520-2362 (JP). MIYATAKE, Hisatada [JP/JP]; c/o Yasu site, IBM Japan Ltd., 800, Ohaza Ichimiya, Yasu-cho, Yasu-gun, Shiga 520-2362 (JP).
 (74) SAKAGUCHI, Hiroshi et al. / etc.; c/o Yamato Site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H01L 27/146, 31/0216, 31/0376
 (11) WO 03/038901 (13) A1
 (21) PCT/DE02/03964
 (22) 21 Oct/oct 2002 (21.10.2002)
 (25) de (26) de
 (30) 101 52 325.4 26 Oct/oct 2001 DE
 (26.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • METHOD FOR PRODUCING A TFA IMAGE SENSOR AND ONE SUCH TFA IMAGE SENSOR
 • PROCEDE DE PRODUCTION D'UN CAPTEUR D'IMAGE TFA, ET CAPTEUR D'IMAGE TFA Y RELATIF

(71) **SILICON VISION AG** [DE/DE]; Ringstrasse 12, 01468 Moritzburg/Boxdorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHOLZ, Markus** [DE/DE]; Hauptstrasse 28, 01445 Radebeul (DE). **RIEVE, Peter** [DE/DE]; Hauptstrasse 142, D-51570 Windeck-Dattenfeld (DE). **WAGNER, Michael** [DE/DE]; Am Birkenwäldchen 11, 01900 Bretnig-Hauswalde (DE). **LULÉ, Tarek** [DE/DE]; Kurzer Weg 3, 01109 Dresden (DE). **SEIBEL, Konstantin** [DE/DE]; Frankfurter Strasse 102, 57074 Siegen (DE). **PRIMA, Jens** [DE/DE]; Ludwig-Kenter-Strasse 14, 57078 Siegen (DE). **BENTHIE, Stephan** [DE/DE]; Bischofsweg 64, 01099 Dresden (DE). **SOMMER, Michael** [DE/DE]; Marienallee 2, 01099 Dresden (DE).

(74) **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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 H01L 27/15

(11) WO 03/038902 (13) A2

(21) PCT/US02/34484

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 60/335,649 31 Oct/oct 2001 US (31.10.2001)

(30) 10/267,093 4 Oct/oct 2002 US (04.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BROAD SPECTRUM LIGHT EMITTING DEVICES AND METHODS AND SYSTEMS FOR FABRICATING THE SAME

• DISPOSITIFS ELECTROLUMINESCENTS A LARGE SPECTRE ET LEURS PROCEDES ET SYSTEMES DE FABRICATION

(71) **CREE, INC.** [US/US]; 4600 Silicon Drive, Durham, NC 27703 (US). **CREE LIGHTING COMPANY** [US/US]; 340 Storke Road, Goleta, CA 93117-2993 (US).

(72) **HILLER, Norbert**; 538 Beaver Dam Run, Durham, NC 27703 (US). **SCHWAB, Scott**; 4711 Hope Valley Road, No. 315, Durham, NC 27707 (US). **NEGLEY, Gerald, H.**; 3512 NC 86 South, Hillsborough, NC 27278 (US).

(74) **MYERS, BIGEL, SIBLEY & SAJOVEC**; P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H01L 29/739

(11) WO 03/038903 (13) A1

(21) PCT/IB02/04425

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 01204204.0 1 Nov/nov 2001 EP (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LATERAL ISOLATED GATE BIPOLAR TRANSISTOR DEVICE

• DISPOSITIF DE TRANSISTOR BIPOLAIRE A PORTE LATERALE ISOLEE

(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) **ZINGG, Rene, P.** [CH/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN ZWOL, Johannes** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **EMMERIK, Arnoldus, J., M.** [NL/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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 H01L 29/78, 29/10, 21/336 // 29/786

(11) WO 03/038904 (13) A2

(21) PCT/IB02/04369

(22) 21 Oct/oct 2002 (21.10.2002)

(25) en (26) en

(30) 0126215.3 1 Nov/nov 2001 GB (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FIELD EFFECT TRANSISTOR ON INSULATING LAYER AND MANUFACTURING METHOD

• TRANSISTOR A EFFET DE CHAMP SUR UNE COUCHE ISOLANTE ET SON PROCEDE DE FABRICATION

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **PEAKE, Steven, T.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **STEVENS, Brian, T.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 29/78, 29/08, 29/423 // 29/786

(11) WO 03/038905 (13) A2

(21) PCT/IB02/04412

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 01204203.2 1 Nov/nov 2001 EP (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • THIN FILM LATERAL SOI DEVICE

• DISPOSITIF LATERAL SILICIUM SUR OXYDE A FILM MINCE

(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) **ZINGG, Rene, P.** [CH/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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H01L 29/78, 29/36, 29/08, 21/336 // 29/786

(11) WO 03/038906 (13) A2

(21) PCT/IB02/04458

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 01204205.7 1 Nov/nov 2001 EP (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • THIN FILM LATERAL SOI POWER DEVICE
• DISPOSITIF DE PUISSANCE SOI LATERAL A COUCHES MINCES
- (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) ZINGG, Rene, P. [CH/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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 29/792
- (11) WO 03/038907 (13) A1
- (21) PCT/US02/35132
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 10/002,696 31 Oct/oct 2001 US (31.10.2001)
- (30) 10/161,235 31 May/mai 2002 US (31.05.2002)
- (30) 10/280,352 25 Oct/oct 2002 US (25.10.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MULTI-STATE NON-VOLATILE INTEGRATED CIRCUIT MEMORY SYSTEMS THAT EMPLOY DIELECTRIC STORAGE ELEMENTS
• SYSTEMES DE MEMOIRE A CIRCUIT INTEGRE NON VOLATILE ET A MULTIPLES ETATS QUI UTILISENT DES ELEMENTS DE MEMORISATION DIELECTRIQUE
- (71) SANDISK CORPORATION [US/US]; 140 Caspian Court, Sunnyvale, CA 94089 (US).
- (72) HARARI, Eliyahou; 104 Auzerais Court, Los Gatos, CA 95030 (US). SAMACHISA, George; 6858 Castlerock Drive, San Jose, CA 95120 (US). YUAN, Jack, H.; 10325 Tula Lane, Los Gatos, CA 95030 (US). GUTERMAN, Daniel, C.; 305 Jacaranda Drive, Fremont, CA 94539 (US).
- (74) PARSONS, Gerald, P.; Skjerven Morrill LLP, Three Embarcadero Center, 28th Floor, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 31/04
- (11) WO 03/038909 (13) A1
- (21) PCT/JP01/09538
- (22) 31 Oct/oct 2001 (31.10.2001)
- (25) ja (26) ja
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR FABRICATING PHOTOELECTRIC CONVERSION ELEMENT AND PHOTOELECTRIC CONVERSION ELEMENT
• ELEMENT DE CONVERSION PHOTOELECTRIQUE ET SON PROCEDE DE FABRICATION
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SONY INTERNATIONAL
- (EUROPE) G.M.B.H. [DE/DE]; Kemperplatz 1, 10785 Berlin (DE).
- (72) IWABUCHI, Kietsu; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo 141-0001 (JP). KONDO, Hirofumi; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo 141-0001 (JP). YASUDA, Akio; c/o Advanced Technology Center Stuttgart SONY INTERNATIONAL (Europe) GmbH, HEINRICH-HERTZ-STR.1, 70327 Stuttgart (DE). NELLES, Gabriele; c/o Advanced Technology Center Stuttgart SONY INTERNATIONAL (Europe) GmbH, HEINRICH-HERTZ-STR.1, 70327 Stuttgart (DE).
- (74) SATOH, Takahisa; SOHSHIN INTERNATIONAL PATENT OFFICE, 4F Miyaki Bldg., 4-2, Yanagibashi 2-chome, Taito-ku, Tokyo 111-0052 (JP).
- (81) DE JP.
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- (51)⁷ H01L 31/042
- (11) WO 03/038910 (13) A2
- (21) PCT/GB02/04861
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) en (26) en
- (30) 01500258.7 29 Oct/oct 2001 EP (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • LOW BALLAST MOUNTING SYSTEM
• SYSTEME DE MONTAGE A QUANTITE DE BALLAST REDUITE
- (71) BP SOLAR LIMITED [GB/GB]; BP House, Breakspear Way, Hemel Hempstead, Hertfordshire HP2 4UL (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DIAZ, Emilio, Mera [ES/ES]; Tva. Alvarfanez de Minaya, 2, P-7, E-19001 Guadalajara (ES). WILDMAN, Eric [GB/ES]; C/Melendes Valdez 29, Ext 1 Izq, E-28004 Madrid (ES).
- (74) SMITH, Julian, Philip; 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 IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD

RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ H01L 31/048, 31/05

(11) WO 03/038911 (13) A1

(21) PCT/FR02/03124

(22) 13 Sep/sep 2002 (13.09.2002)

(25) fr (26) fr

(30) 01/14017 30 Oct/oct 2001 FR (30.10.2001)

(30) 02/04209 4 Apr/avr 2002 FR (04.04.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PHOTOVOLTAIC CELL ASSEMBLY AND THE METHOD OF PRODUCING ONE SUCH ASSEMBLY

• ASSEMBLAGE DE CELLULES PHOTOVOLTAIQUES ET PROCEDE DE FABRICATION D'UN TEL ASSEMBLAGE

(71) DGTEC [FR/FR]; 304, rue de Corporat, F-38430 Moirans (FR). SOLAR, Appolon [FR/FR]; 2, Rue Dulong, F-75017 Paris (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARET, Guy [FR/FR]; 21, rue Jules Ferry, F-38500 Voiron (FR). LAUVRAY, Hubert [FR/FR]; 22, Chemin de Mordant, F-38370 St Clair du Rhône (FR).

(74) HECKÉ, Gerard et al. / etc.; Cabinet Hecké, WTC Europole, 5, place Robert Schuman, Boîte postale 1537, F-38025 Grenoble Cedex 1 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 33/00

(11) WO 03/038912 (13) A2

(21) PCT/DE02/04025

(22) 28 Oct/oct 2002 (28.10.2002)

(25) de (26) de

(30) 101 53 259.8 31 Oct/oct 2001 DE (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • OPTOELECTRONIC COMPONENT

• COMPOSANT OPTOELECTRONIQUE

(71) OSRAM OPTO SEMICONDUCTORS GMBH [DE/DE]; Wernerwerkstrasse 2, 93049 Regensburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOGNER, Georg [DE/DE]; Am Sandhügel 12, 93138 Lappersdorf (DE). BRUNNER, Herbert [DE/DE]; Winklergasse 16, 93049 Regensburg (DE). KRÄUTER, Gertrud [DE/DE]; Landshuter Strasse 41, 93053 Regensburg (DE). WAITL, Günter [DE/DE]; Praschweg 3, 93049 Regensburg (DE).

(74) EPPING, HERMANN & FISCHER; Rüdlerstrasse 55, 80339 München (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H01L 33/00

(11) WO 03/038913 (13) A2

(21) PCT/DE02/04026

(22) 28 Oct/oct 2002 (28.10.2002)

(25) de (26) de

(30) 101 52 922.8 26 Oct/oct 2001 DE (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NITRIDE-BASED SEMICONDUCTOR COMPONENT

• COMPOSANT A SEMI-CONDUCTEUR A BASE DE NITRURE

(71) OSRAM OPTO SEMICONDUCTORS GMBH [DE/DE]; Wernerwerkstrasse 2, 93049 Regensburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STRAUSS, Uwe [DE/DE]; Erich-Kästner-Strasse 32, 93077 Bad Abbach (DE). WEIMAR, Andreas [DE/DE]; Rilkestrasse 32, 93049 Regensburg (DE).

(74) EPPING, HERMANN & FISCHER; Rüdlerstrasse 55, 80339 München (DE).

(81) JP US.

(51)⁷ H01L 33/00, 51/20

(11) WO 03/038914 (13) A2

(21) PCT/IL02/00867

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 146226 29 Oct/oct 2001 IL (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NEAR INFRA-RED COMPOSITE POLYMER-NANOCRYSTAL MATERIALS AND ELECTRO-OPTICAL DEVICES PRODUCED THEREFROM

• MATIERES COMPOSITES EN NANOCRISTAUX POLYMERES EN INFRA-ROUGE PROCHE ET DISPOSITIFS ELECTRO-OPTIQUES FABRIQUES A PARTIR DE CELLES-CI

(71) YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM [IL/IL]; Hi Tech Park, The Hebrew University of Jerusalem, Edmond J Safra Campus, Givat Ram, P.O. Box 39135, 91390 Jerusalem (IL). TECHNION R & D FOUNDATION LTD. [IL/IL]; Kiryat Ha'Technion, Neve Sha'anana, 32000 Haifa (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BANIN, Uri [IL/IL]; 37 Yasmin Street, 90805 Mevasseret Zion (IL). TESSLER, Nir [IL/IL]; 5 Bialik Street, 30900 Zichron Yaakov (IL).

(74) LUZZATTO, Kfir et al. / etc.; Luzzatto & Luzzatto, P.O. Box 5352, 84152 Beersheva (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 33/00, C09K 11/06, C08L 63/00

(11) WO 03/038915 (13) A1

(21) PCT/JP02/11334

(22) 31 Oct/oct 2002 (31.10.2002)

(25) ja (26) ja

(30) 2001/334361 31 Oct/oct 2001 JP (31.10.2001)

(30) 2002/177508 18 Jun/juin 2002 JP (18.06.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LIGHT EMITTING DIODE

• DIODE ELECTROLUMINESCENTE

(71) SANYU REC CO., LTD. [JP/JP]; 5-1, Dou-cho 3-chome, Takatsuki-shi, Osaka 569-0011 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OKUNO, Atsushi [JP/JP]; 39-10, Nanpeidai 5-chome, Takatsuki-shi, Osaka 569-1042 (JP). MIYAWAKI, Yoshiteru [JP/JP]; Padeshion Ujikhata 424, 31-1, Nishiura, Kohata, Uji-shi, Kyoto 611-0002 (JP). OYAMA, Noritaka [JP/JP]; Sharumankopo Settsutonda 301, 21-1, Ohata-cho, Takatsuki-shi, Osaka 569-1144 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H01L 39/00, 39/22

(11) WO 03/038916 (13) A1

(21) PCT/JP02/10533

(22) 10 Oct/oct 2002 (10.10.2002)

- (25) ja (26) ja
- (30) 2001-337020 1 Nov/nov 2001 JP
(01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • INFORMATION RECORDING METHOD USING SUPERCONDUCTION HAVING BANDS, CALCULATING METHOD, INFORMATION TRANSMITTING METHOD, ENERGY STORING METHOD, MAGNETIC FLUX MEASURING METHOD, AND QUANTUM BIT CONSTRUCTING METHOD
- PROCEDE D'ENREGISTREMENT D'INFORMATIONS FAISANT APPEL A UN SUPRACONDUCTEUR A BANDES, PROCEDE DE CALCUL, PROCEDE DE TRANSMISSION D'INFORMATIONS, PROCEDE DE STOCKAGE D'ENERGIE, PROCEDE DE MESURE DE FLUX MAGNETIQUE, ET PROCEDE DE CONSTRUCTION DE BITS QUANTIQUES
- (71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TANAKA, Yasumoto [JP/JP]; c/o National Institute of Advanced, Industrial Science and Technology, (AIST) Tsukuba Central 2, 1-1-1, Umezono, Tsukuba-shi, Ibaraki 305-8568 (JP). IYO, Akira [JP/JP]; c/o National Institute of Advanced, Industrial Science and Technology, (AIST) Tsukuba Central 2, 1-1-1, Umezono, Tsukuba-shi, Ibaraki 305-8568 (JP). TOKIWA, Kazuyasu [JP/JP]; c/o National Institute of Advanced, Industrial Science and Technology, (AIST) Tsukuba Central 5, 1-1-1, Higashi, Tsukuba-shi, Ibaraki 305-8565 (JP).
- (74) FUKUDA, Kenzo et al. / etc.; Kashiwaya Bldg. 2F, 6-13, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01L 41/04
- (11) WO 03/038917 (13) A2
- (21) PCT/DE02/03448
- (22) 14 Sep/sep 2002 (14.09.2002)
- (25) de (26) de
- (30) 101 52 271.1 20 Oct/oct 2001 DE
(20.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND DEVICE FOR CHARGING AND DISCHARGING A PIEZO-ELECTRIC ELEMENT
- PROCEDE ET DISPOSITIF PERMETTANT DE CHARGER ET DECHARGER UN ELEMENT PIEZOELECTRIQUE
- (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) SCHEMPP, Stefan; Lange Str. 30, 73249 Wernau (DE).
- (72, 75) ZIMMERMANN, Klaus [DE/AT]; Wallrisstrasse 12a/17, A-1180 Wien (AT).
- (81) BR IN JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ H01L 41/04
- (11) WO 03/038918 (13) A2
- (21) PCT/FR02/03735
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) fr (26) fr
- (30) 01/14023 30 Oct/oct 2001 FR
(30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DEVICE FOR DRIVING AN ELECTRONICALLY MONITORED ULTRASONIC PIEZOELECTRIC ACTUATOR AND METHOD FOR USING SAME
- DISPOSITIF DE COMMANDE D'UN ACTUATEUR PIEZO-ELECTRIQUE ULTRASONORE PILOTE ELECTRONIQUÉMENT, ET SON PROCEDE DE MISE EN OEUVRE
- (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) DAL, Arnaud [FR/FR]; 76, avenue De Paris, Bâtiment Lebrun-Entrée A, F-7800 Versailles (FR). MUGUET, Jean-Michel [FR/FR]; " Denis ", F-42670 Belmont De La Loire (FR).
- (74) CEMELLI, Eric; Renault Technocentre, SCE 0267 TCR AVA 0 56, 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 IE IT LU MC NL PT SE SK TR).
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- (51)⁷ H01L 41/09
- (11) WO 03/038919 (13) A1
- (21) PCT/GB02/04855
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) en (26) en
- (30) 0126029.8 30 Oct/oct 2001 GB
(30.10.2001)
- (30) 0203267.0 12 Feb/fév 2002 GB
(12.02.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PIEZOELECTRIC DEVICES
- DISPOSITIF PIEZO-ELECTRIQUE
- (71) 1... LIMITED [GB/GB]; St. John's Innovation Centre, Cowley Road, Cambridge CB4 0WS (GB).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ALLAN, James [GB/GB]; Netherpton, 7 South Street, Risby, Bury St. Edmunds, Suffolk IP28 6QU (GB). MCKEVITT, Gareth [CA/GB]; 12 Fen Road, Chesterton, Cambridge CB4 1TX (GB). SHEPHERD, Mark, Richard [GB/GB]; Clare House, 124 High Street, Meldreth, Royston, Herts SG8 6BL (GB). TOPLISS, Richard [GB/GB]; 43 Bishops Road, Trumpington, Cambridge CB2 2NQ (GB). PEARCE, David, Henry [GB/GB]; 4 Ingoldsby Court, 68 Wake Green Road, Moseley, Birmingham B13 9PT (GB).
- (74) MERRYWEATHER, Colin, Henry et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H01L 41/09
- (11) WO 03/038920 (13) A2
- (21) PCT/GB02/04877
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 0126372.2 2 Nov/nov 2001 GB
(02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CURVED ELECTRO-ACTIVE ACTUATORS
- ACTIONNEURS ELECTRO-ACTIFS COURBES
- (71) 1...LIMITED [GB/GB]; St John's Innovation Centre, Cowley Road, Cambridge, CB4 0WS (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TOPLISS, Richard [GB/GB]; 43 Bishops Road, Trumpington, Cambridge CB2 2NQ (GB). BHALSOD, Neel [GB/GB]; 114 Hazelwood Close, Cambridge CB4 3SP (GB). SHEPHERD, Mark, Richard [GB/GB]; Clare House, 124 High Street, Meldreth, Royston, Hertfordshire SG8 6BL (GB).
- (74) MERRYWEATHER, Colin, Henry et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 51/20, C08L 101/12, H01B 3/18

(11) WO 03/038921 (13) A1

(21) PCT/DE02/03292

(22) 5 Sep/sep 2002 (05.09.2002)

(25) de (26) de

(30) 101 51 036.5 16 Oct/oct 2001 DE
(16.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INSULATOR FOR AN ORGANIC ELECTRONIC COMPONENT

• ISOLANT POUR UN COMPOSANT ELECTRONIQUE ORGANIQUE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUILLET, Erwann [FR/FR]; Vern sur Seiche, F-35770 Vaugon (FR). BONZANI, Peter [US/US]; 50 Bedford Ave., East Hartford, CT 06118 (US). FIX, Walter [DE/DE]; Mühlstr. 20 A, 90762 Fürth (DE). ROST, Henning [DE/DE]; Heinrich-Kirchner-Str. 24, 91056 Erlangen (DE). ULLMANN, Andreas [DE/DE]; Kronstädter Strasse 16a, 90765 Fürth (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(s) for the following designations / pour les désignations suivantes : JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)⁷ H01L 51/40

(11) WO 03/038922 (13) A1

(21) PCT/DE02/03842

(22) 11 Oct/oct 2002 (11.10.2002)

(25) de (26) de

(30) 101 52 920.1 26 Oct/oct 2001 DE
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR APPLYING MECHANICALLY SENSITIVE LAYERS TO A SUBSTRATE OVER A LARGE AREA

• PROCEDE POUR APPLIQUER DES COUCHES DE GRANDE SURFACE, MECANIQUEMENT SENSIBLES, SUR UN SUBSTRAT

(71) OSRAM OPTO SEMICONDUCTORS GMBH [DE/DE]; Wernerwerkstrasse 2, 93049 Regensburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BIRNSTOCK, Jan [DE/DE]; Johannsplatz 3/440, 04103 Leipzig (DE). BLÄSSING, Jörg [DE/DE]; Kopernikusstrasse 97, 73447 Oberkochen (DE). HEUSER,

Karsten [DE/DE]; Eifelweg 3, 91056 Erlangen (DE). STÖSSEL, Matthias [DE/DE]; Paul-Martin-Ufer 52, 68163 Mannheim (DE). WITTMANN, Georg [DE/DE]; Erlenstrasse 10 A, 91074 Herzogenaurach (DE).

(74) EPPING, HERMANN & FISCHER; Rüdlerstrasse 55, 80339 München (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ H01L 51/40

(11) WO 03/038923 (13) A1

(21) PCT/EP02/11941

(22) 25 Oct/oct 2002 (25.10.2002)

(25) de (26) de

(30) 101 53 445.0 30 Oct/oct 2001 DE
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR DRYING LAYERS OF ORGANIC SEMICONDUCTORS, CONDUCTORS OR COLOR FILTERS USING IR AND NIR RADIATION

• PROCEDE POUR SECHER DES COUCHES DE SEMICONDUCTEURS, CONDUCTEURS OU FILTRES COLORES ORGANIQUES AU MOYEN D'UN RAYONNEMENT INFRAROUGE OU PROCHE INFRAROUGE

(71) COVION ORGANIC SEMICONDUCTORS GMBH [DE/DE]; 65926 Frankfurt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEIGER, Jürgen [DE/DE]; Am Alten See 16, 60489 Frankfurt (DE). HEUN, Susanne [DE/DE]; Am Carlusbaum 23, 65812 Bad Soden (DE). VESTWEBER, Horst [DE/DE]; Denkmalstrasse 6, 34830 Gilserberg-Winterscheid (DE). WIENER, Manfred [DE/DE]; Rhönstrasse 11a, 65719 Hofheim (DE). MATTHÄUS, Andreas [DE/DE]; Platz an der Linde 2, 65843 Sulzbach (DE).

(74) DÖRR, Klaus et al. / etc.; Dörr, Luderschmidt, Mai, Oppermann, Rupprecht, Greiber, Schultheiss, Industriepark Höchst, Gebäude F 821, 65926 Frankfurt (DE).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H01M

(11) WO 03/038924 (13) A2

(21) PCT/US02/33871

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 09/999,124 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FUEL CELL USING VARIABLE POROSITY GAS DIFFUSION MATERIAL AND METHOD OF OPERATION

• PILE A COMBUSTIBLE UTILISANT UN MATERIAU DE DIFFUSION GAZEUSE A POROSITE VARIABLE ET PROCEDE D'EXPLOITATION

(71) MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) MUTHUSWAMY, Sivakumar; 9648 N.W. 7th Circle, Apt.#19-37, Plantation, FL 33324 (US). PRATT, Steven, D.; 9718 N.W. 7th Circle, Apt.#9-23, Plantation, FL 33324 (US). KELLEY, Ronald, J.; 8305 N.W. 36th Street, Coral Springs, FL 33065 (US).

(74) CRILLY, Daniel, C. et al. / etc.; 8000 West Blvd., Room 1610, Fort Lauderdale, FL 33322 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) WO 03/038925 (13) A2

(21) PCT/US02/34648

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/340,697 29 Oct/oct 2001 US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METAL AIR ELECTROCHEMICAL CELL AND ANODE MATERIAL FOR ELECTROCHEMICAL CELLS

• CELLULE ELECTROCHIMIQUE METAL AIR ET MATERIAU D'ANODE POUR CELLULES ELECTROCHIMIQUES

(71) EVIONYX, INC. [—/—]; 85 Executive Blvd., Elmsford, NY 10523 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILSON, James, D. [US/US]; 280 Warren Street, Apt. 4L, Brooklyn, NY 11201 (US). CHEN, Muguo [CN/US]; 2 North Lark Circle, South Salem, NY 10590 (US).

(74) CRISPINO, Ralph, J.; Reveo, Inc., 85 Executive Blvd., Elmsford, NY 10523 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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

(11) WO 03/038926 (13) A2

(21) PCT/US02/34671

- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 09/999,393 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ACTIVE MATERIAL FOR FUEL CELL ANODES INCORPORATING AN ADDITIVE FOR PRECHARGING/ACTIVATION THEREOF
- MATERIAU ACTIF POUR ANODES DE PILE A COMBUSTIBLE CONTENANT UN ADDITIF POUR PRECHARGER/ACTIVER CETTE DERNIERE
- (71) ENERGY CONVERSION DEVICES, INC. [US/US]; 2956 Waterview Drive, Rochester Hills, MI 48309 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OVSHINSKY, Stanford, R. [US/US]; 2700 Squirrel Road, Bloomfield Hills, MI 48304 (US). ALADJOV, Boyko [BG/US]; 1410 Ternbury, Rochester Hills, MI 48307 (US). VENKATESAN, Srinivasan [US/US]; 30115 Woodgate Drive, Southfield, MI 48013 (US). HOPPER, Thomas [US/US]; 902 Hendrickson, Clawson, MI 48017 (US). FOK, Kevin [US/US]; 2377 Duke, Troy, MI 48098 (US). DHAR, Subhash, K. [US/US]; 1978 Long Lake Shores, Bloomfield Hills, MI 48302 (US).
- (74) SCHUMAKER, David, W. et al. / etc.; Energy Conversion Devices, Inc., 2956 Waterview Drive, Rochester Hills, MI 48309 (US).
- (81) AU BR CA CN IN JP KR MX NO RU SG UA US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H01M 2/04, 2/06, 2/30, 10/40
- (11) WO 03/038927 (13) A1
- (21) PCT/JP02/11249
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) ja (26) ja
- (30) 2001-335871 31 Oct/oct 2001 JP (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • BATTERY
- PILE
- (71) JAPAN STORAGE BATTERY CO., LTD. [JP/JP]; 1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8520 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOJIMA, Tetsuzo [JP/JP]; c/o JAPAN STORAGE BATTERY CO., LTD., 1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8520 (JP). MATSUBARA, Takehito [JP/JP]; c/o JAPAN STORAGE BATTERY CO., LTD., 1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8520 (JP).
- (74) GORO, Kazuo et al. / etc.; Akatsuki Union Patent Firm, Midori Nagoya Bldg. 8th Floor, 22-4, Meieki 3-chome, Nakamura-ku, Nagoya-shi, Aichi 450-0002 (JP).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H01M 2/14, 10/28
- (11) WO 03/038928 (13) A1
- (21) PCT/US02/32830
- (22) 15 Oct/oct 2002 (15.10.2002)
- (25) en (26) en
- (30) 10/002,577 26 Oct/oct 2001 US (26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ELECTROCHEMICAL CELL WITH REINFORCED SEPARATOR
- CELLULE ELECTROCHIMIQUE COMPRENANT UN SEPARATEUR RENFORCE
- (71) EVEREADY BATTERY COMPANY, INC. [US/US]; P.O. Box 450777, 25225 Detroit Road, Westlake, OH 44145 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JANMEY, Robert, M. [US/US]; 5825 Ridgeview Boulevard, North Ridgeville, OH 44039 (US).
- (74) FRASER, Stewart, A.; Eveready Battery Company, Inc., 25225 Detroit Road, P.O. Box 450777, Westlake, OH 44145 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 2/34
- (11) WO 03/038929 (13) A2
- (21) PCT/US02/34549
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) en (26) en
- (30) 10/021,731 29 Oct/oct 2001 US (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • BATTERY SYSTEM
- SYSTEME DE BATTERIE
- (71) JOHNSON CONTROLS TECHNOLOGY COMPANY [US/US]; 49200 Halyard Drive, Plymouth, MI 48170 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MROTEK, Edward, N. [US/US]; 2076 Chateau Court, #212, Grafton, WI 53024 (US). TAGHIKHANI, Majid [US/US]; 8731 Lake Pointe Drive, Franklin, WI 53132 (US). WRUCK, William, J. [US/US]; 5725 N. Kent Ave., Whitefish Bay, WI 53217 (US). MUHAMMAD, Jason, E. [US/US]; 9617 W. Hampton, Suite 109, Milwaukee, WI 53225 (US).
- (74) SPROW, Marcus, W.; Foley & Lardner, 777 East Wisconsin Avenue, 33rd Floor, Milwaukee, WI 53202-5367 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations
-
- (51)⁷ H01M 4/00
- (11) WO 03/038930 (13) A2
- (21) PCT/US02/33510
- (22) 18 Oct/oct 2002 (18.10.2002)
- (25) en (26) en
- (30) 10/014,822 26 Oct/oct 2001 US (26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ALKALI/TRANSITION METAL HALO-AND HYDROXY-PHOSPHATES AND RELATED ELECTRODE ACTIVE MATERIALS
- HALO- ET HYDROXY-PHOSPHATES DE METAL ALCALIN/METAL DE TRANSITION ET MATERIAUX ACTIFS CONNEXES D'ELECTRODE
- (71) VALENCE TECHNOLOGY, INC. [US/US]; 301 Conestoga Way, Henderson, NV 89135 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARKER, Jeremy [—/GB]; 10 Home Farm Close, Shipton-Under-Wynchwood, Oxfordshire OX76EH (GB). SAIDI, M., Yazid [US/US]; 16 Daisy Meadow Ter., Henderson, NV 89074 (US). SWOYER, Jeffrey [US/US]; 1900 Nuevo Road, Henderson, NV 89014 (US).
- (74) WILLIAMS, Roger, A. et al. / etc.; Valence Technology, Inc., 301 Conestoga Way, Henderson, Nevada 89015 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW

MX MZ NO NZ OM PH PL PT RO RU SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU
ZA ZM ZW AP (GH GM KE LS MW MZ SD SL
SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H01M 4/58, 4/62, 10/40, 4/02

(11) WO 03/038931 (13) A1

(21) PCT/JP02/10893

(22) 21 Oct/oct 2002 (21.10.2002)

(25) ja (26) ja

(30) 2001-330970 29 Oct/oct 2001 JP
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LITHIUM ION SECONDARY BATTERY
• ACCUMULATEUR A IONS LITHIUM

(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) OKOCHI, Masaya [JP/JP]; 3-13-10-201, Furuichi, Joto-ku, Osaka-shi, Osaka 536-0001 (JP). NAGAYAMA, Masatoshi [JP/JP]; 3-27, Ikaganishimachi, Hirakata-shi, Osaka 573-0066 (JP). KAWATATE, Yutaka [JP/JP]; 46-1-106, Yamadaikehigashimachi, Hirakata-shi, Osaka 573-0165 (JP). TANAKA, Ryoichi [JP/JP]; 1-2-25, Higashisukematsucho, Izumiotsu-shi, Osaka 595-0006 (JP). ASANO, Hideya [JP/JP]; 1-12-14, Kuzuhaoka, Hirakata-shi, Osaka 573-1104 (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 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 H01M 4/62, 4/06, 6/06

(11) WO 03/038932 (13) A1

(21) PCT/JP02/10807

(22) 17 Oct/oct 2002 (17.10.2002)

(25) ja (26) ja

(30) 2001-336580 1 Nov/nov 2001 JP
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ALKALINE DRY CELL
• PILE SÈCHE ALCALINE

(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, Mitsuji [JP/JP]; 37-28, Katayamacho 3-chome, Suita-shi, Osaka 564-0082 (JP). UMEBAYASHI, Takayuki [JP/JP]; Room 238, Shofu-ryo, 3-14, Miyukihigashimachi, Neyagawa-shi, Osaka 572-0055 (JP). SHOJI, Yasuhiko [JP/JP]; Room 204, Melody-haimu Excel-Ishikiri,

1-1-53, Kusakacho, Higashiosaka-shi, Osaka 579-8003 (JP).

(74) ISHII, Kazuo et al. / etc.; Kitahama-Yamamoto Building, 3-6, Kitahama 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(81) AU BR CA CN ID IN KR SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H01M 4/73

(11) WO 03/038933 (13) A2

(21) PCT/HU02/00083

(22) 16 Aug/août 2002 (16.08.2002)

(25) en (26) en

(30) P0104546 27 Oct/oct 2001 HU
(27.10.2001)

(30) P0105249 4 Dec/déc 2001 HU
(04.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • GRID FOR LEAD BATTERY, METHOD OF MANUFACTURING, AND BATTERY PLATE

• GRILLE POUR BATTERIE AU PLOMB, PROCEDE DE FABRICATION ET PLAQUE DE BATTERIE

(71, 72) SÁROSI, György András [HU/HU]; Erdökerülő u. 27., H-1157 Budapest (HU).

(74) SBG AND K PATENT AND LAW OFFICES; Andrassy út. 113, H-1062 Budapest (HU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DM EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 8/00, 8/04, 8/06

(11) WO 03/038934 (13) A1

(21) PCT/JP02/11191

(22) 29 Oct/oct 2002 (29.10.2002)

(25) ja (26) ja

(30) 2001-336121 1 Nov/nov 2001 JP
(01.11.2001)

(30) 2002-11070 21 Jan/jan 2002 JP
(21.01.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FUEL CELL SYSTEM

• SYSTEME DE PILE A COMBUSTIBLE

(71) OSAKA GAS CO., LTD. [JP/JP]; 1-2, Hirano-machi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUZUKI, Minoru [JP/JP]; 4-28-5-901, Hara-machi, Suita-shi, Osaka 564-0004 (JP). MABUCHI, Akihiro [JP/JP]; 2-18-13, Daiwanishi, Kawanishi-shi, Hyogo 666-0112

(JP). UMEHARA, Takeshi [JP/JP]; 4-13-23, Kuwazu, Higashiumiyoshi-ku, Osaka-shi, Osaka 546-0041 (JP).

(74) KISHIMOTO, Tadaaki; Cesar Otsu Morita Bldg. 6F, 2-1, Chuo 3-chome, Otsu-shi, Shiga 520-0043 (JP).

(81) CA JP US.

Declarations / Déclarations :

(u) for / pour US only / seulement; (u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ H01M 8/02, 2/18, 8/10, 8/24

(11) WO 03/038935 (13) A1

(21) PCT/EP02/12173

(22) 31 Oct/oct 2002 (31.10.2002)

(25) de (26) de

(30) 101 55 349.8 2 Nov/nov 2001 DE
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MICRO FUEL CELL SYSTEM

• SYSTEME DE MICROPILES A COMBUSTIBLE

(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) HAHN, Robert [DE/DE]; Güllweg 10c, 13355 Berlin (DE). SCHMITZ, Andreas [DE/DE]; Dunantstrasse 7, 79110 Freiburg (DE). HEBLING, Christopher [DE/DE]; Kirchstrasse 49, 79100 Freiburg (DE).

(74) PFENNING, MEINIG & PARTNER GBR; Joachimstaler Strasse 10-12, 10719 Berlin (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ H01M 8/02, 8/04

(11) WO 03/038936 (13) A1

(21) PCT/US02/33927

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 09/999,387 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FUEL CELL USING NON-LINEAR POSITIVE TEMPERATURE COEFFICIENT MATERIAL AND ASSOCIATED METHOD OF OPERATION

• PILE A COMBUSTIBLE UTILISANT UN MATERIAU A COEFFICIENT DE TEMPERATURE POSITIF NON LINEAIRE ET PROCEDE ASSOCIE DE FONCTIONNEMENT

(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) MUTHUSWAMY, Sivakumar; 9648 N.W. 7th Circle, Apt. #19-37, Plantation, FL 33324 (US). PRATT, Steven, D.; 9718 N.W. 7th

Circle, Apt. #9-23, Plantation, FL 33324 (US). **KELLEY, Ronald, J.**; 8305 N.W. 36th Street, Coral Springs, FL 33065 (US).

(74) **CRILLY, Daniel, C.** et al. / etc.; 8000 West Blvd., Room 1610, Fort Lauderdale, FL 33322 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01M 8/06

(11) WO 03/038937 (13) A1

(21) PCT/US02/30396

(22) 25 Sep/sep 2002 (25.09.2002)

(25) en (26) en

(30) 09/967,278 1 Oct/oct 2001 US (01.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF DELIVERING FUEL AND AIR TO A FUEL CELL SYSTEM

• PROCEDE DE DISTRIBUTION DE COMBUSTIBLE ET D'AIR DANS UN SYSTEME DE 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) **GITTLEMAN, Craig, S.**; 25 Varinna Drive, Rochester, NY 14618 (US).

(74) **BROOKS, Cary, W.**; General Motors Corporation Legal Staff, Mail Code 482-C23-B21, P.O. Box 300, Detroit, MI 48165-3000 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK 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 SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 8/06

(11) WO 03/038938 (13) A1

(21) PCT/US02/32583

(22) 11 Oct/oct 2002 (11.10.2002)

(25) en (26) en

(30) 10/014,155 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEM FOR FUEL CELL REFORMER START-UP

• SYSTEME DE DEMARRAGE D'UN REFORMEUR DE PILE A COMBUSTIBLE

(71) **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(72) **BERLOWITZ, Paul, Joseph**; 4 Nicole Terrace, Glen Gardner, NJ 08826 (US). **VARADARAJ, Ramesh**; 18 Aberdeen Circle, Flemington, NJ 08822 (US). **HERSHKOWITZ, Frank**; 509 Lyons Road, P.O. Box 172, Liberty Corner, NJ 07938 (US).

(74) **HANTMAN, Ronald, D.** et al. / etc.; Exxon-Mobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 10/40, 4/48

(11) WO 03/038939 (13) A2

(21) PCT/DE02/03955

(22) 19 Oct/oct 2002 (19.10.2002)

(25) de (26) de

(30) 101 52 220.7 23 Oct/oct 2001 DE (23.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LITHIUM ION BATTERY

• BATTERIE AUX IONS DE LITHIUM

(71, 72) **HESEL, Reinhard** [DE/DE]; Brügelweg 6, 42579 Heiligenhaus (DE).

(72, 75) **MICOV, Miroslav** [SK/SK]; Karol Adler 24, 841 03 Bratislava (SK). **GRIGORTSCHAK, Ivan, Ivanovitsch** [UA/UA]; Pidvalna 11, Zabolotiv, 78315 (UA).

(81) AU BR CA CN HU IL IN JP KR MX PH PL RO SG UA 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 IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AU BR CA CN HU IL IN JP KR MX PH PL RO SG UA EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)⁷ H01M 10/42, 10/48

(11) WO 03/038940 (13) A1

(21) PCT/JP02/11157

(22) 28 Oct/oct 2002 (28.10.2002)

(25) ja

(26) ja

(30) 2001-331228 29 Oct/oct 2001 JP (29.10.2001)

(30) 2002-132226 8 May/mai 2002 JP (08.05.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ON-VEHICLE BATTERY

• BATTERIE EMBARQUEE SUR VEHICULE

(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) **YAMAUCHI, Kenji** [JP/JP]; c/o YUASA CORPORATION, 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 569-1115 (JP). **IMAMURA, Tomohiro** [JP/JP]; c/o YUASA CORPORATION, 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 569-1115 (JP).

KAWADA, Hiroyasu [JP/JP]; c/o YUASA CORPORATION, 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 569-1115 (JP).

TSUNODA, Hiroshi [JP/JP]; c/o YUASA CORPORATION, 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 569-1115 (JP).

KAWAKITA, Kenzou [JP/JP]; c/o YUASA CORPORATION, 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 569-1115 (JP).

INAKURA, Masamichi [JP/JP]; c/o YUASA CORPORATION, 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 569-1115 (JP).

TANAKA, Susumu [JP/JP]; c/o YUASA CORPORATION, 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 569-1115 (JP).

(74) **ITOH, Tadahiko**; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) AU CN GB ID IN KR US.

(51)⁷ H01M 10/50, 2/10, B60K 1/04

(11) WO 03/038941 (13) A1

(21) PCT/JP02/11010

(22) 23 Oct/oct 2002 (23.10.2002)

(25) ja (26) ja

(30) 2001/336825 1 Nov/nov 2001 JP (01.11.2001)

(30) 2001/391188 25 Dec/déc 2001 JP (25.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BATTERY-DRIVEN POWER SOURCE APPARATUS

• APPAREIL A SOURCE D'ENERGIE ENTRAINE PAR BATTERIE

(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) **WATANABE, Kenji** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

SATO, Noboru [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

KIKUCHI, Junichi [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

NAGANUMA, Atsuhiko [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo

1-chome, Wako-shi, Saitama 351-0193 (JP).

(74) **WATANABE, Kenji**; 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

(81) AU CN GB ID IN KR US.

(51)⁷ H01M 10/42, 10/48

(11) WO 03/038940 (13) A1

(21) PCT/JP02/11157

(22) 28 Oct/oct 2002 (28.10.2002)

(25) ja (26) ja

(30) 2001-331228 29 Oct/oct 2001 JP (29.10.2001)

(30) 2002-132226 8 May/mai 2002 JP (08.05.2002)

- 1-chome, Wako-shi, Saitama 351-0193 (JP). OHYA, Satoyoshi [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).
- (74) OCHIAI, Takeshi et al. / etc.; TO Building, 6-3, Taito 2-chome, Taito-ku, Tokyo 110-0016 (JP).
- (81) CA US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H01P 1/207, 1/208
- (11) WO 03/038942 (13) A1
- (21) PCT/US02/33877
- (22) 23 Oct/oct 2002 (23.10.2002)
- (25) en (26) en
- (30) 10/061,842 26 Oct/oct 2001 US (26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • TUNING A CAVITY FILTERBASED ON POSITIONAL DATA FOR TUNING MEMBERS
- ACCORD D'UN FILTRE A CAVITE SUR LA BASE DES DONNEES DE POSITION DES ELEMENTS D'ACCORD
- (71) ADC TELECOMMUNICATIONS, INC. [US/US]; 13625 Technology Drive, Eden Prairie, MN 55344-2252 (US).
- (72) IMPIO, Hannu K.; Iinakkotie 11, Oulu 90310 (FI).
- (74) FOGG, David N.; FOGG AND ASSOCIATES, LLC, P.O.Box 581339, Minneapolis, MN 55458-1339 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
-
- (51)⁷ H01P 7/06
- (11) WO 03/038943 (13) A1
- (21) PCT/AU02/01466
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) PR 8538 30 Oct/oct 2001 AU (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • TEMPERATURE COMPENSATED OSCILLATOR
- OSCILLATEUR COMPENSE EN TEMPERATURE
- (71) POSEIDON SCIENTIFIC INSTRUMENTS PTY LTD [AU/AU]; Unit 1, 95 Queen Victoria Street, Fremantle, W.A. 6160 (AU). UNIVERSITY OF WESTERN AUSTRALIA [AU/AU]; Stirling Highway, Nedlands, W.A. 6907 (AU).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IVANOV, Eugene, Nikolay [AU/AU]; Department of Physics, University of Western Australia, Mounts Bay Road, Crawley, W.A. 6907 (AU). TOBAR, Michael, Edmund [AU/AU]; The University of Western Australia, Department of Physics, Mounts Bay Road, Crawley, W.A. 6907 (AU). HARTNETT, John, Gideon [AU/AU]; The University of Western Australia, Department of Physics, Mounts Bay Road, Crawley, W.A. 6907 (AU).
- (74) WRAY & ASSOCIATES; Level 4, The Quadrant, 1 William Street, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01Q 1/24
- (11) WO 03/038944 (13) A1
- (21) PCT/KR02/00885
- (22) 13 May/mai 2002 (13.05.2002)
- (25) ko (26) en
- (30) 2001/0067318 31 Oct/oct 2001 KR (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • NX ANTENNA FOR WIRELESS COMMUNICATION
- ANTENNE NX DESTINEE A LA COMMUNICATION MOBILE
- (71, 72) KIM, Young Joon [KR/KR]; 101-803 Anam Apt., 2-4 Myungriun-Dong, Chongro-Ku, 110-522 Seoul (KR).
- (74) LEE, Hwa Ik; Young International Patent & Law Firm, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01Q 1/24, 1/36, 1/38, 11/04
- (11) WO 03/038945 (13) A1
- (21) PCT/US02/34016
- (22) 23 Oct/oct 2002 (23.10.2002)
- (25) en (26) en
- (30) 60/347,406 26 Oct/oct 2001 US (26.10.2001)
- (30) 10/269,777 11 Oct/oct 2002 US (11.10.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • INTEGRATED ANTENNA FOR MOBILE TELEPHONE
- ANTENNE INTEGRE POUR TELEPHONE MOBILE
- (71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (72) CHEN, Fu-Chiarng; 5476 Foxhound Way, San Diego, CA 92130 (US). TRAN, Allen, M., T.; 10925 Corte Mejillones, San Diego, CA 92130 (US).
- (74) WADSWORTH, Philip, R. et al. / etc.; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01Q 1/28, 1/36, 1/38, 11/12, 21/00
- (11) WO 03/038946 (13) A1
- (21) PCT/US02/34866
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 60/330,834 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • BROADBAND STARFISH ANTENNA AND ARRAY THEREOF
- ANTENNE RESEAU A BANDE LARGE EN CONFIGURATION ETOILEE
- (71) LOCKHEED MARTIN CORPORATION [US/US]; 6801 Rockledge Drive, Bethesda, MD 20817 (US).
- (72) VOLMAN, Vladimir; 11 Caldwell Circle, Newton, PA 18940 (US). TALLEY, Eric; 2 Old York Road, Hamilton, NJ 08620 (US).
- (74) HILYARD, Chad, S.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).
- (81) JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- Published / Publiée : (c)
-
- (51)⁷ H01Q 1/38
- (11) WO 03/038947 (13) A1
- (21) PCT/US02/34126
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) en (26) en

- (30) 09/983,852 **26 Oct/oct 2001** US
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PLANAR BAND GAP MATERIALS
• MATERIAUX PLANS DE BANDE INTERDITE
- (71) THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY [CN/CN]; Clear Water Bay, Kowloon, Hong Kong (HK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WEN, Weijia [CN/CN]; Flat 6C, Tower D, Senior Staff Quarters, HKUST, Clear Water Bay, Kowloon, Hong Kong (HK). SHENG, Ping [US/CN]; Flat 6A, Tower 17, Senior Staff Quarters, HKUST, Clear Water Bay, Kowloon, Hong Kong (HK). CHAN, Che, Ting [US/CN]; Block 2, Flat 1B, Greenview Garden, 31 Razor Hill Road, Sai Kung, New Territories, Hong Kong (HK). GE, Weikun [CN/CN]; 15D, Block 7, Oscar by the Sea, Tseung Kwan O, New Territories, Hong Kong (HK). ZHOU, Lei [CN/CN]; 29A, Block 2, Finery Park, Tseung Kwan O, Kowloon, Hong Kong (HK). LI, Jensen [CN/CN]; Flat 5, 7/F, Block c, Winner Centre, Chai Wan, Hong Kong (HK).
- (74) LABARRE, James, A.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations
- (51)⁷ H01Q 1/38, 1/28
(11) WO 03/038948 (13) A1
(21) PCT/US02/34132
(22) 25 Oct/oct 2002 (25.10.2002)
(25) en (26) en
(30) 60/330,653 **26 Oct/oct 2001** US
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • COATING APPLIED ANTENNA AND METHOD OF MAKING SAME
• ANTENNE A REVETEMENT APPLIQUÉ ET PROCÉDE DE FABRICATION ASSOCIÉ
- (71) UNITECH, LLC. [US/US]; 1209 Chilmark, Suite - Lower Level, Wake Forest, NC 27587 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOYD, Robert, C. [US/US]; 1911 Moonwind Place, Richmond, VA 23233 (US). LEGRANDE, Wayne, B. [US/US]; 2848 Greenwood Drive, Chesapeake, VA 23321 (US).
- (74) JACOBSON, Harvey, B., Jr. et al. / etc.; Jacobson Holman, PLLC, 400 Seventh Street N.W., Washington, DC 20004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 H01Q 3/24, 9/04
(11) WO 03/038949 (13) A1
(21) PCT/GB02/04949
(22) 1 Nov/nov 2002 (01.11.2002)
(25) en (26) en
(30) 0126256.7 **1 Nov/nov 2001** GB
(01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ADAPTIVE RADIO ANTENNAS
• ANTENNES RADIO ADAPTATIVES
- (71) ANTENOVA LIMITED [GB/GB]; Far Field House, Bury Farm, Stoke-cum-Quy, Cambridge CB5 9AR (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RIBTON, Colin, Nigel [GB/GB]; 72 London Road, Stapleford, Cambridge CB2 5DR (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ H01R 13/514, 13/518
(11) WO 03/038950 (13) A1
(21) PCT/US02/33946
(22) 23 Oct/oct 2002 (23.10.2002)
(25) en (26) en
(30) 09/999,357 **1 Nov/nov 2001** US
(01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MODULAR SYSTEM FOR STACKING ELECTRICAL CONNECTOR ASSEMBLIES
• SYSTEME MODULAIRE D'EMPILEMENT D'ENSEMBLES DE CONNEXEURS ELECTRIQUES
- (71) MOLEX INCORPORATED [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US).
- (72) ZADEREJ, Victor; 35W822 Park Lane, St. Charles, IL 60175 (US). LaMIRAND, Gregory, R.; 834 Sterling Avenue, Geneva, IL 60134 (US). SMITH, Eric, C.; 3802 Greenwood Lane, St. Charles, IL 60175 (US).
- (74) CALDWELL, Stacey, E.; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).
- (81) JP.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)
- (51)⁷ H01R 13/66, 13/514, 24/04
(11) WO 03/038951 (13) A1
(21) PCT/EP02/11842
(22) 23 Oct/oct 2002 (23.10.2002)
(25) de (26) de
(30) 01125756.5 **29 Oct/oct 2001** EP
(29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SOCKET AND CONNECTOR FOR THE PRODUCTION OF A HIGH POWER DATA LINE LINK
• PRISE FEMELLE ET PRISE DE COURANT POUR LA FABRICATION D'UNE LIAISON DE LIGNES DE DONNEES A HAUT DEBIT
- (71) SETEC NETZWERKE AG [LI/LI]; Rietacker 26, FL-9494 Schaan (LI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EBERLE, Andreas [LI/LI]; Hampfländer 42, FL-9496 Balzers (LI). NEFF, Franz [LI/LI]; Brül 1, FL-9496 Balzers (LI). DAUBA, Herbert [DE/DE]; Schiffmannstrasse 6, 82166 Gräfelfing (DE).
- (74) SCHAAD BALASS MENZL & PARTNER AG; Dufourstrasse 101 / Postfach, CH-8034 Zürich (CH).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model /

modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01S 3/00, H04B 10/17, G02B 6/00, 6/26, 6/28, 6/36

(11) WO 03/038952 (13) A1

(21) PCT/US02/31448

(22) 3 Oct/oct 2002 (03.10.2002)

(25) en (26) en

(30) 09/969,142 3 Oct/oct 2001 US (03.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BALANCED COUPLER FOR RADIATION SOURCES

• COUPLEUR EQUILIBRE POUR SOURCES DE RAYONNEMENT

(71) DORSAL NETWORKS, INC. [US/US]; 9212 Berger Road, Columbia, MD 21046 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIEH, William [US/US]; 12290 Green Meadow Drive #308, Columbia, MD 21044 (US). CLARK, Thomas, R., Jr. [US/US]; 6174 Commodore Court, Columbia, MD 21045 (US). PETRICEVIC, Vladimir [US/US]; 6128 Honeycomb Gate, Columbia, MD 21045 (US).

(74) KUMAR, Johnny, A. et al. / etc.; Foley & Lardner, Washington Harbour, 3000 K Street, N.W., Suite 500, Washington, D.C. 20007-5143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 H01S 3/10, 3/13, 3/13, 5/00, G02B 6/12

(11) WO 03/038953 (13) A1

(21) PCT/US02/33796

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 09/983,999 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEM AND METHOD FOR MEASURING STIMULI USING VCSEL

• SYSTEME ET PROCEDURE DE MESURE DE STIMULI AU MOYEN D'UN VCSEL

(71) LAKE SHORE CRYOTRONICS, INC. [US/US]; 575 McCorkle Boulevard, Westerville, OH 43082 (US).

(72) KOCHERGIN, Vladimir; Lake Shore Cryotronics, Inc., 575 McCorkle Boulevard, Westerville, OH 43082 (US). SWINEHART, Philip, R.; Lake Shore Cryotronics, Inc., 575 McCorkle Boulevard, Westerville, OH 43082 (US).

(74) FARIS, Robert, W.; Nixon & Vanderhye P.C., 1100 North Glebe Road, Suite 800, Arlington, VA 22201-4714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01S 5/00

(11) WO 03/038954 (13) A2

(21) PCT/IB02/00787

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(30) S010954 30 Oct/oct 2001 IE (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • STABILITY FACTORS FOR TUNEABLE MULTI-SECTION SEMICONDUCTOR LASERS

• FACTEURS DE STABILITE DE LASERS A SEMI-CONDUCTEURS MULTISECTIONS ACCORDABLES

(71) TSUNAMI PHOTONICS LIMITED [IE/IE]; B & D Century Court, 100 Upper George Street, Dun Laoghaire, Co. Dublin (IE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) O'GORMAN, Neal [IE/IE]; Tsunami Photonics Limited, Blocks & D Century Court, 100 Upper George Street, Dun Laoghaire, Co. Dublin (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 SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01S 5/026

(11) WO 03/038955 (13) A1

(21) PCT/DE01/03948

(22) 15 Oct/oct 2001 (15.10.2001)

(25) de (26) de

(43) 8 May/mai 2003 (08.05.2003)

(54) • LASER DIODE ASSEMBLY AND DEVICE FOR OPERATING A LASER DIODE

• ENSEMBLE DIODE LASER ET DISPOSITIF POUR FAIRE FONCTIONNER UNE DIODE LASER

(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) SCHROEDINGER, Karl [DE/DE]; Setheweg 12, 14089 Berlin (DE). OHEIM, Toralf [DE/DE]; Am Oberjägerweg 55, 16761 Henningsdorf (DE).

(74) MÜLLER, Wolfram H.; Maikowski & Ninnemann, Kurfürstendamm 54-55, 10707 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY 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 H01S 5/16, 5/323

(11) WO 03/038956 (13) A1

(21) PCT/JP02/11225

(22) 29 Oct/oct 2002 (29.10.2002)

(25) ja (26) ja

(30) 2001-330437 29 Oct/oct 2001 JP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PRODUCTION METHOD FOR SEMICONDUCTOR LIGHT EMITTING ELEMENT

• PROCEDURE DE PRODUCTION D'UN ELEMENT EMETTEUR DE LUMIERE

(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) HASEGAWA, Yoshiaki [JP/JP]; 4-9-401, Ikuno, Katano-shi, Osaka 576-0054 (JP). SHIMAMOTO, Toshitaka [JP/JP]; 2-328, Amamigado, Matsubara-shi, Osaka 580-0026 (JP). SUGAHARA, Gaku [JP/JP]; 5-1-1-68-101, Suzaku, Nara-shi, Nara 631-0806 (JP).

(74) SUMIDA, Yoshihiro et al. / etc.; Arco Patent Office, 3rd Fl., Bo-eki Bldg., 123-1, Higashi-machi, Chuo-ku, Kobe-shi, Hyogo 650-0031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01S 5/323

(11) WO 03/038957 (13) A1

(21) PCT/JP02/11186

(22) 28 Oct/oct 2002 (28.10.2002)

(25) ja (26) ja

(30) 2001-330068 29 Oct/oct 2001 JP (29.10.2001)

(30) 2001-330181 29 Oct/oct 2001 JP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • NITRIDE SEMICONDUCTOR DEVICE, ITS MANUFACTURING METHOD, AND SEMICONDUCTOR OPTICAL APPARATUS

• DISPOSITIF A SEMI-CONDUCTEUR AU NITRURE, SON PROCEDE DE FABRICATION ET APPAREIL OPTIQUE A SEMI-CONDUCTEUR

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 545-0013 (JP). SUMITOMO ELECTRIC INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ITO, Shigetoshi [JP/JP]; 950-1-313, Tawaraguchi-cho, Ikoma-shi, Nara 630-0243 (JP). YUASA, Takayuki [JP/JP]; 2-9-6, Hattori, Ikaruga-cho, Ikoma-gun, Nara 636-0131 (JP). UETA, Yoshihiro [JP/JP]; 38-1, Sennichi-cho, Yamatokoriyama-shi, Nara 639-1053 (JP). TANEYA, Mototaka [JP/JP]; 1-12-5, Kitatomigaoka, Nara-shi, Nara 631-0001 (JP). TANI, Zenpei [JP/JP]; 2-8-33, Kishi-cho, Tondabayashi-shi, Osaka 584-0005 (JP). MOTOKI, Kensaku [JP/JP]; 5-21-41, Niina, Minoo-shi, Osaka 562-0005 (JP).

(74) SANO, Shizuo; Tenmabashi-Yachiyo Bldg. Bekkan, 2-6, Tenmabashi-kyomachi, Chuo-ku, Osaka-shi, Osaka 540-0032 (JP).

(81) CN KR US.

(51)⁷ H01T 13/04, 13/44, 13/06

(11) WO 03/038958 (13) A1

(21) PCT/DE02/03961

(22) 21 Oct/oct 2002 (21.10.2002)

(25) de (26) de

(30) 101 52 085.9 23 Oct/oct 2001 DE (23.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CONNECTING DEVICE FOR IGNITION SYSTEMS OF INTERNAL COMBUSTION ENGINES

• ORGANE DE RACCORDEMENT DE SYSTEMES D'ALLUMAGE DE 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)

(72, 75) RAFF, Dieter [DE/DE]; Hermann-Essig-Str. 106, 71701 Schwieberdingen (DE). SCHUMACHER, Bernd [DE/DE]; Römerstrasse 67, 71665 Vaihingen (DE). BETZ, Dieter [DE/DE]; Goethestr. 23/4, 71665 Vaihingen (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ H01T 13/44, H01F 38/12

(11) WO 03/038959 (13) A1

(21) PCT/DE02/03963

(22) 21 Oct/oct 2002 (21.10.2002)

(25) de (26) de

(30) 10152177.4 23 Oct/oct 2001 DE (23.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ROD COIL FOR IGNITION SYSTEMS

• BOBINE A BARREAU POUR SYSTEME D'ALLUMAGE

(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) BETZ, Dieter [DE/DE]; Goethestr. 23/4, 71665 Vaihingen (DE). SCHOELLIG, Wolfram [DE/DE]; Hornbergstr. 52, 70188 Stuttgart (DE). LERCHMUELLER, kLAUS [DE/DE]; Freibrechts 7, 87509 Immenstadt (DE). GAEDE, Wolfgang [DE/DE]; Steigackerstr. 60/1, 71672 Marbach (DE). HAUER, Christian [DE/DE]; Hirschgasse 25/1, 73630 Remshalden (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ H02B 1/20, 1/36, 11/04, 11/173

(11) WO 03/038960 (13) A1

(21) PCT/JP02/02206

(22) 8 Mar/mar 2002 (08.03.2002)

(25) ja (26) ja

(30) 2001-332097 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CONTROL CENTER

• CENTRE DE COMMANDE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(72) HAYASHI, Kazufumi; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). AKIYAMA, Yukihiko; c/o UEMORI ELECTRIC Co., Ltd., 23, Oaza Kamitakano, Toyonaka-cho, Mitoyo-gun, Kagawa 769-1504 (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) BR CN ID IN JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H02B 1/20, 1/36, 11/04, 11/173

(11) WO 03/038961 (13) A1

(21) PCT/JP02/02209

(22) 8 Mar/mar 2002 (08.03.2002)

(25) ja (26) ja

(30) 2001-332260 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • POWER DISTRIBUTOR AND CONTROL CENTER

• DISTRIBUTEUR DE PUISSANCE ET CENTRE DE COMMANDE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(72) HAYASHI, Kazufumi; 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) BR CN ID IN JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H02B 1/32, 1/36, H02N 11/04, 11/17

(11) WO 03/038962 (13) A1

(21) PCT/JP02/02207

(22) 8 Mar/mar 2002 (08.03.2002)

(25) ja (26) ja

(30) 2001-332102 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CONTROL CENTER

• CENTRE DE COMMANDE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(72) HAYASHI, Kazufumi; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). AKIYAMA, Yukihiko; c/o UEMORI ELECTRIC Co., Ltd., 23, Oaza Kamitakano, Toyonaka-cho, Mitoyo-gun, Kagawa 769-1504 (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) BR CN ID IN JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H02B 11/02

(11) WO 03/038963 (13) A2

(21) PCT/DE02/04004

(22) 18 Oct/oct 2002 (18.10.2002)

(25) de (26) de

(30) 101 54 980.6 31 Oct/oct 2001 DE
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ELECTRIC POWER CIRCUIT BREAKER COMPRISING A CONNECTION DEVICE FOR AUXILIARY CURRENT CIRCUITS

• DISJONCTEUR ELECTRIQUE DOTE D'UN DISPOSITIF DE RACCORDEMENT DESTINE A DES CIRCUITS ELECTRIQUES AUXILIAIRES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ETTE, Bernd [DE/DE]; Am Walde 9, 15528 Mönchwinkel (DE). HOCHGRAEF, Holger [DE/DE]; Dorfstrasse 18, 16845 Ganzer/Wusterhausen (DE). MIZENER, Jeffery, C. [US/US]; 223 Bon Air Drive, Sidney, OH 45365 (US). MUSIOL, Aron-Ernst [DE/DE]; Lichtenrader Damm 246, 12305 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 IE IT LU MC NL PT SE 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 IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)⁷ H02B 11/02

(11) WO 03/038964 (13) A2

(21) PCT/DE02/04020

(22) 22 Oct/oct 2002 (22.10.2002)

(25) de (26) de

(30) 101 53 108.7 22 Oct/oct 2001 DE
(22.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR CONTROLLING AN ELECTRICAL SWITCHING MODULE WHICH CAN BE DISPLACED BETWEEN AN ENTRY POSITION AND AN EXIT POSITION

• PROCÉDE POUR LA COMMANDE D'UN MODULE COMMUTEUR ELECTRIQUE DEPLAÇABLE ENTRE UNE POSITION ≤ RENTRÉ ≥ ET UNE POSITION ≤ SORTI ≥

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANGER, Nils [DE/DE]; Michaelkirchstrasse 4, 10179 Berlin (DE). FLECK, Karsten [DE/DE]; Eichelberge 3, 16727 Marwitz (DE). LÖSER, Ralph [DE/DE]; Mittelstrasse 25a, 15366 Birkenstein

(DE). RUDOLPH, Dietrich [DE/DE]; Sakrower Kirchweg 105B, 14089 Berlin (DE). SCHUMANN, Holger [DE/DE]; Ernst-Häckel-Strasse 55B, 12621 Berlin (DE). SCHWARTZ, Jay [US/US]; 4757-B Countney Lane, Raleigh, NC 27616 (US).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)⁷ H02B 11/127

(11) WO 03/038965 (13) A2

(21) PCT/DE02/03848

(22) 4 Oct/oct 2002 (04.10.2002)

(25) de (26) de

(30) 101 53 109.5 22 Oct/oct 2001 DE
(22.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MOUNTING STRUCTURE FOR AN ELECTRIC SWITCH

• CADRE PORTEUR POUR COMMUTEUR 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) ANGER, Nils [DE/DE]; Michaelkirchstrasse 4, 10179 Berlin (DE). STELZER, Andreas [DE/DE]; Linienstrasse 107, 10115 Berlin (DE). RAUTMANN, Stefan [DE/DE]; Kärntener Strasse 1, 10827 Berlin (DE). BIENER, Matthias [DE/DE]; Bergstrasse 48, 15366 Neuenhagen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(u) for / pour US only / seulement

(51)⁷ H02G 3/30

(11) WO 03/038966 (13) A1

(21) PCT/IB02/04559

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 2001/9085 2 Nov/nov 2001 ZA
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SECURING ELECTRICAL ITEMS

• ARTICLE ELECTRIQUE A FIXATION

(71, 72) LEVIN, Selwyn [ZA/ZA]; 204 Tempest Road, Dagbreek, 9459 Welkom, Free State Province (ZA).

(74) LEWIS, Alan; Adams & Adams (Johannesburg Office), 23 Wellington Road, 3rd Floor, Parktown 2193 Johannesburg, Gauteng Province (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H02H 1/04, H01B 17/14, 17/16

(11) WO 03/038967 (13) A1

(21) PCT/US02/29727

(22) 20 Sep/sep 2002 (20.09.2002)

(25) en (26) en

(30) 09/984,175 29 Oct/oct 2001 US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • UNITARY ARRESTER HOUSING AND SUPPORT BRACKET

• BOITIER UNITAIRE DE PARAFONDRE ET CONSOLE DE SUPPORT

(71) HUBBELL INCORPORATED [US/US]; 584 Derby Milford Road, Orange, CT 06477 (US).

(72) KRAUSE, John, A.; 1004 Lancaster Drive, Medina, OH 44256 (US). NIEDERMIER, Randall, K.; 2968 House Drive, Akron, OH 44319 (US).

(74) BICKS, Mark, S. et al. / etc.; 1300 19th Street, Suite 600, Washington, DC 20036 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H02H 7/085

(11) WO 03/038968 (13) A1

(21) PCT/DE02/02880

(22) 6 Aug/août 2002 (06.08.2002)

(25) de (26) de

(30) 101 51 184.1 17 Oct/oct 2001 DE
(17.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • METHOD FOR MONITORING THE REVERSING PROCESS OF ELECTRICALLY ACTUATABLE UNITS
- PROCEDE DE CONTROLE D'UN PROCESSUS REVERSIBLE DE GROUPE COMMANDES ELECTRIQUEMENT
- (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) **KNAB, Norbert** [DE/DE]; Hauptstrasse 10a, 77767 Appenweier (DE). **KAHLES, Patric** [DE/DE]; Kastanienbuechweg 10, 77815 Buehl (DE).
- (81) KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ **H02J**
- (11) **WO 03/038969** (13) A2
- (21) PCT/US02/34162
- (22) **24 Oct/oct 2002 (24.10.2002)**
- (25) en (26) en
- (30) 60/338,163 **26 Oct/oct 2001** US
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • AN ELECTROSTATIC BASED POWER SOURCE AND METHODS THEREOF
- SOURCE DE PUISSANCE ELECTROSTATIQUE ET PROCEDES CORRESPONDANTS
- (71, 72) **POTTER, Michael, D.** [US/US]; 1759 Beulah Road, Churchville, NY 14428 (US).
- (74) **LEINBERG, Gunnar, G.** et al. / etc.; Nixon Peabody LLP, Clinton Square, P.O. Box 31051, Rochester, NY 14603-1051 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR 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 SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 **H02J**
- (11) **WO 03/038970** (13) A2
- (21) PCT/US02/34250
- (22) **25 Oct/oct 2002 (25.10.2002)**
- (25) en (26) en
- (30) 60/337,351 **26 Oct/oct 2001** US
(26.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ANTI-ISLANDING TECHNIQUES FOR DISTRIBUTED POWER GENERATION
- TECHNIQUES ANTI-ILOTAGE POUR UNE PRODUCTION D'ENERGIE REPARTIE
- (71) **YOUTILITY, INC.** [US/US]; 11 Executive Drive, P.O. Box 66, Hudson, NH 03051 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEROW, Kevin, E.** [US/US]; 275 Andover Street, Lowell, MA 01852 (US). **WELCHES, Richard, Shaun** [US/US]; 14 Hickory Drive, Amherst, NH 03031 (US).
- (74) **MAINE, Vernon, C.** et al. / etc.; Maine & Asmus, PO Box 3445, Nashua, NH 03061-3445 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H02J 7/00**
- (11) **WO 03/038971** (13) A2
- (21) PCT/DE02/04027
- (22) **28 Oct/oct 2002 (28.10.2002)**
- (25) de (26) de
- (30) 101 53 741.7 **31 Oct/oct 2001** DE
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DEVICE FOR ADAPTING BATTERY VOLTAGE
- DISPOSITIF POUR ADAPTER LA TENSION D'UNE BATTERIE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NEUHAUS, Hans-Jürgen** [DE/DE]; Wilhelmshöher Str. 10, 12161 Berlin (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
- (u) for / pour US only / seulement
-
- (51)⁷ **H02K 1/17, 5/128**
- (11) **WO 03/038972** (13) A1
- (21) PCT/DE02/02211
- (22) **18 Jun/juin 2002 (18.06.2002)**
- (25) de (26) de
- (30) 101 52 502.8 **24 Oct/oct 2001** DE
(24.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ELECTRIC MACHINE ENERGIZED WITH PERMANENT MAGNETS
- MACHINE ELECTRIQUE EXCITEE PAR AIMANTS PERMANENTS
- (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) **TARHAN, Recep** [DE/DE]; Hauptstrasse 99, 77830 Buehlertal (DE). **DILGER, Werner** [DE/DE]; Hoefnermattenstrasse 21, 77815 Buehl (DE). **PIERENKEMPER, Rolf** [DE/DE]; Gertelbachstrasse 1, 77830 Buehlertal (DE).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **H02K 7/09, F16C 39/02**
- (11) **WO 03/038973** (13) A1
- (21) PCT/FI02/00842
- (22) **30 Oct/oct 2002 (30.10.2002)**
- (25) fi (26) en
- (30) 20012105 **31 Oct/oct 2001** FI
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • A METHOD FOR ARRANGING AN ELECTRIC MACHINE ON BEARINGS, AND A BEARING ASSEMBLY OF AN ELECTRIC MACHINE
- PROCEDE PERMETTANT D'AGENCER UNE MACHINE ELECTRIQUE SUR DES PALIERS ET ASSEMBLAGE DE PALIERS D'UNE MACHINE ELECTRIQUE
- (71) **HIGH SPEED TECH OY LTD** [FI/FI]; Teknikantie 4 D, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LIKKANEN, Matti** [FI/FI]; Kurjentie 64 A, FIN-53650 Lappeenranta (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 SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **H02K 23/18, H01H 9/06**
- (11) **WO 03/038974** (13) A1
- (21) PCT/DE02/02680
- (22) **20 Jul/juil 2002 (20.07.2002)**
- (25) de (26) de
- (30) 101 52 963.5 **26 Oct/oct 2001** DE
(26.10.2001)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ELECTRIC MACHINE AND MANUAL MACHINE TOOL COMPRISING THE SAME
- MACHINE ELECTRIQUE ET MACHINE PORTABLE EQUIPEE DE CELLE-CI
- (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) **BUCK, Manfred** [DE/DE]; Erlenweg 4, 72622 Nürtingen (DE). **BAUMANN, Otto** [DE/DE]; Weingartenstrasse 24, 70771 Leinfelden-Echterdingen (DE). **FEHRLE, Siegfried** [DE/DE]; Moltkestrasse 42, 70771 Leinfelden-Echterdingen (DE). **SAUR, Dietmar** [DE/DE]; Heinrich-Heine-Strasse 16, 72810 Gomaringen (DE). **ULLRICH, Andre** [DE/DE]; Muehlenstrasse 29, 70794 Filderstadt-Bernhausen (DE). **WEISS, Michael** [DE/DE]; Spittastrasse 8, 70193 Stuttgart (DE).
- (81) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H02K 33/18
- (11) **WO 03/038975** (13) A2
- (21) PCT/EP02/09226
- (22) 17 Aug/août 2002 (17.08.2002)
- (25) de (26) de
- (30) 101 53 870.7 2 Nov/nov 2001 DE (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DRIVE FOR THE PISTON OF A LIN-EAR COOLER
- MECANISME DE COMMANDE D'UN PISTON D'UN REFROIDISSEUR LINEAIRE
- (71) **LEYBOLD VAKUUM GMBH** [DE/DE]; Bonner Strasse 498, 50968 Köln (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FIEDLER, Andreas** [DE/DE]; Lublarweg 4, 50374 Erftstadt (DE). **FLICK, Gerd** [DE/DE]; Weiherhofstrasse 9, 50321 Brühl (DE). **BERGERT, Klaus** [DE/DE]; Kurt-Schumacher-Str. 41, 53840 Troisdorf (DE).
- (74) **LEINWEBER, Jürgen**; Aggerstrasse 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H02M
- (11) **WO 03/038976** (13) A2
- (21) PCT/EP02/11641
- (22) 17 Oct/oct 2002 (17.10.2002)
- (25) de (26) de
- (30) 101 52 901.5 26 Oct/oct 2001 DE (26.10.2001)
- (30) 102 32 424.7 17 Jul/juil 2002 DE (17.07.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SYNCHRONOUS RECTIFIER CIRCUIT
- CIRCUIT REDRESSEUR SYNCHRONE
- (71) **MINEBEA CO., LTD.** [JP/JP]; 18F Arco Tower, 1-8-1, Shimo-Meguro, Meguro-ku, Tokyo 153-0064 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MÜLLER, Helmut** [DE/DE]; Ulrichplatz 9, 86150 Augsburg (DE).
- (74) **LIESEGANG, Eva, et al.** / etc.; 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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H02M 1/00
- (11) **WO 03/038977** (13) A2
- (21) PCT/DE02/04021
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) de (26) de
- (30) 101 53 158.3 27 Oct/oct 2001 DE (27.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CONSTANT-VOLTAGE SUPPLY CIRCUIT FOR CONSUMERS CONNECTED TO AT LEAST ONE LINE
- CIRCUIT D'ALIMENTATION EN TENSION CONTINUE POUR DES CONSOMMATEURS RACCORDES A AU MOINS UNE LIGNE
- (71) **CONTI TEMIC MICROELECTRONIC GMBH** [DE/DE]; Sieboldstr. 19, 90411 Nürnberg (DE). **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) **BÜHRING, Heiko** [DE/DE]; Mühlenhofweg 157b, 26125 Oldenburg (DE). **MAURITZ, Ewald** [DE/DE]; Falkenweg 19, 71287 Weissach (DE). **MEIER, Klaus-Dieter** [DE/DE]; Einsteinstr. 35, 71229 Leonberg (DE). **BOGENRIEDER, Hans-Georg** [DE/DE]; Aventinstr. 35, 85051 Ingolstadt (DE). **WULFF, Holger** [DE/DE]; Habsburgerstr. 7, 85051 Ingolstadt (DE).
- (74) **CONTI TEMIC MICROELECTRONIC GMBH**; Patente & Lizenzen, Sieboldstrasse 19, 90411 Nürnberg (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H02M 1/10
- (11) **WO 03/038978** (13) A1
- (21) PCT/US02/34748
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 60/335,785 31 Oct/oct 2001 US (31.10.2001)
- (30) 10/005,961 3 Dec/déc 2001 US (03.12.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DUAL INPUT AC/DC TO PROGRAMMABLE DC OUTPUT CONVERTER
- ENTREE DOUBLE C.A./C.C. POUR CONVERTISSEUR A SORTIE C.C. PROGRAMMABLE
- (71) **MOBILITY ELECTRONICS INC.** [US/US]; 7955 E. Redfield Rd., Scottsdale, AZ 85260 (US).
- (72) **MACDONALD, Gilbert**; 19376 E. Silver Creek Lane, Queen Creek, AZ 85242 (US). **LORD, Charles**; 14162 East Desert Cove Avenue, Scottsdale, AZ 85259 (US). **SMITH, Scott**; 3220 E. Hazelwood Street, Phoenix, AZ 85018 (US). **DUBOSE, Garry**; 5741 E. Sylvia St., Scottsdale, AZ 85254 (US).
- (74) **KLINGER, Robert, C.**; Jackson Walker L.L.P., 2435 N. Central Expressway, #600, Richardson, TX 75080 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
-
- (51)⁷ H02M 1/10, 3/335
- (11) **WO 03/038979** (13) A1
- (21) PCT/US02/34749
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 60/335,785 31 Oct/oct 2001 US (31.10.2001)
- (30) 10/005,961 3 Dec/déc 2001 US (03.12.2001)
- (30) 10/072,074 8 Feb/fév 2002 US (08.02.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DUAL INPUT AC AND DC POWER SUPPLY HAVING A PROGRAMMABLE DC OUTPUT UTILIZING SINGLE-LOOP OPTICAL FEEDBACK
- ALIMENTATION ELECTRIQUE CA ET CC A DOUBLE ENTREE PRESENTANT

UNE SORTIE CC PROGRAMMABLE
UTILISANT UNE RETROACTION OP-
TIQUE A BOUCLE UNIQUE

(71) **MOBILITY ELECTRONICS INC.**
[US/US]; 7955 E. Redfield Rd., Scotts-
dale, AZ 85260 (US).

(72) **MACDONALD, Gilbert**; 19376 E. Silver
Creek Lane, Queen Creek, AZ 85242 (US).
DUBOSE, Garry; 5741 E. Sylvia St., Scotts-
dale, AZ 85254 (US). **WANG, Chia, Hua**;
2F, No. 25, Wu-Gong 6th, Wu-Ku, Industrial
Park, Taipei Hsien (TW).

(74) **KLINGER, Robert, C.**; Jackson Walker,
L.L.P., 2435 N. Central Expressway, #600,
Richardson, TX 75080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PH PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT 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 H02M 1/10, H02J 9/06

(11) WO 03/038980 (13) A1

(21) PCT/US02/34766

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/335,785 31 Oct/oct 2001 US
(31.10.2001)

(30) 10/005,961 3 Dec/déc 2001 US
(03.12.2001)

(30) 10/159,910 31 May/mai 2002 US
(31.05.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DUAL INPUT AC/DC/BATTERY OPER-
ATED POWER SUPPLY

• ALIMENTATION ELECTRIQUE EN
COURANT ALTERNATIF ET CONTINU
PAR BATTERIE A DOUBLE ENTREE

(71) **MOBILITY ELECTRONICS INC.**
[US/US]; 7955 E. Redfield Rd., Scotts-
dale, AZ 85260 (US).

(72) **DOSS, Jeffery, S.**; 12304 E. Ponssettia
Dr., Scottsdale, AZ 85259 (US). **DUBOSE,**
Richard, Garrison; 5741 E. Sylvia St.,
Scottsdale, AZ 85254 (US). **PIATETSKY,**
Alexei, A.; AM Wald 6, 84437 Reicheztsheim
(DE). **MACDONALD, Gilbert**; 19376 E.
Silver Creek Ln., Queen Creek, AZ 85242
(US). **LORD, Charles**; 14162 East Desert
Cove Avenue, Scottsdale, AZ 85259 (US).
SMITH, Scott; 3220 E. Hazelwood Street,
Phoenix, AZ 85018 (US).

(74) **KLINGER, Robert, C.**; Jackson Walker
L.L.P., 2435 North Central Expressway #600,
Richardson, TX 75080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN

MW MX MZ NO NZ PH PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UZ
VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H02M 1/10, 3/335

(11) WO 03/038981 (13) A1

(21) PCT/US02/03542

(22) 8 Feb/fév 2002 (08.02.2002)

(25) en (26) en

(30) 60/335,785 31 Oct/oct 2001 US
(31.10.2001)

(30) 10/005,961 3 Dec/déc 2001 US
(03.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DUAL INPUT AC AND DC
POWER SUPPLY HAVING A PRO-
GRAMMABLE DC OUTPUT UTILIZ-
ING A SECONDARY BUCK CON-
VERTER

• ALIMENTATION ELECTRIQUE
A DOUBLE ENTREE COURANT
CONTINU ET COURANT ALTERNATIF
ET A SORTIE COURANT CONTINU
PROGRAMMABLE, UTILISANT UN
CONVERTISSEUR ABAISSEUR DE
TENSION SECONDAIRE

(71) **MOBILITY ELECTRONICS INC.**
[US/US]; 7955 E. Redfield Road, Scotts-
dale, AZ 85260 (US).

(72) **MACDONALD, Gilbert**; 19376 E. Silver
Creek Lane, Queen Creek, AZ 85242 (US).
SMITH, Scott; 3220 E. Hazelwood Street,
Phoenix, AZ 85018 (US).

(74) **KLINGER, Robert, C.**; Jackson Walker
L.L.P., 2435 N. Central Expressway, # 600,
Richardson, TX 75080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PH PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 H02M 7/5387, 7/521, 7/48

(11) WO 03/038982 (13) A1

(21) PCT/CA02/01680

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 2,360,652 31 Oct/oct 2001 CA
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TRANSFORMERLESS TWO-PHASE
INVERTER

• REDRESSEUR BIPHASE SANS
TRANSFORMATEUR

(71) **GLOBAL THERMOELECTRIC INC.**
[CA/CA]; 4908 - 52 Street S.E., Calgary,
Alberta T2B 3R2 (CA).

(72) **ZUBIETA, Luis**; c/o 4908 - 52 Street S.E.,
Calgary, Alberta T2B 3R2 (CA).

(74) **BENNETT JONES LLP**; 1000 ATCO Cen-
tre, 10035 - 105 Street, Edmonton, Alberta
T2B 3R2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02M 7/5387

(11) WO 03/038983 (13) A2

(21) PCT/DE02/03478

(22) 18 Sep/sep 2002 (18.09.2002)

(25) de (26) de

(30) 101 51 326.7 17 Oct/oct 2001 DE
(17.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR INTERLOCK-FREE
COMMUTATION IN HALF-BRIDGES

• PROCEDE POUR EFFECTUER
UNE COMMUTATION SANS VER-
ROUILLAGE DANS DES DEMI-PONTS

(71, 72) **ZIEGLER, Marcus** [DE/DE]; Am
Wellerbach 6, 36088 Hünfeld (DE).

(81) AU BR CA CN IN SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ H02M 9/00

(11) WO 03/038984 (13) A1

(21) PCT/AU02/01489

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) PR 8628 1 Nov/nov 2001 AU
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • POWER SUPPLY

• ALIMENTATION ELECTRIQUE

(71) **INOVATECH LIMITED** [CN/AU]; Level
2, 120 Christie Street, St Leonards, NSW
2065 (AU).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **LACHSZ, Andrei** [AU/AU]; 10 Bogan
Place, Wahroonga, NSW 2076 (AU).

(74) **HODGKINSON OLD MCINNES**; Level 3,
20 Alfred Street, Milsons Point, NSW 2061
(AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 H02P

(11) WO 03/038985 (13) A2

(21) PCT/US02/33485

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 10/000,662 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CURRENT CONTROLLED MOTOR
AMPLIFIER SYSTEM

• SYSTEME D'AMPLIFICATEUR DE
MOTEUR COMMANDE EN COURANT

(71) IMMERSION CORPORATION [US/US];
801 Fox Lane, San Jose, CA 95131 (US).

(72) TIERLING, Kollin; 622 Costigan Circle,
Milpitas, CA 95035 (US).

(74) HUTTER, Christopher, R.; Cooley God-
ward LLP, Attn: Patent Group, One Freedom
Square-Reston Town Center, 11951 Freedom
Drive, Reston, VA 20190-5656 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02P 1/18

(11) WO 03/038986 (13) A1

(21) PCT/DE02/03880

(22) 14 Oct/oct 2002 (14.10.2002)

(25) de (26) de

(30) 101 52 170.7 23 Oct/oct 2001 DE
(23.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CIRCUIT FOR OPERATING AN ELEC-
TRIC MOTOR

• CIRCUIT POUR FAIRE FONCTION-
NER UN MOTEUR ELECTRIQUE

(71) ROBERT BOSCH GMBH [DE/DE]; Post-
fach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KNAB, Norbert [DE/DE]; Haupt-
strasse 10a, 77767 Appenweier (DE). ASAL,
Thomas [DE/DE]; Dorfstrasse 83, 79289
Horben (DE). HABERL, Nikolas [DE/DE];
Glockelsberg 6a, 77886 Lauf (DE).

(81) JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H02P 1/26, 7/628, H02M 1/00

(11) WO 03/038987 (13) A1

(21) PCT/EP02/11992

(22) 26 Oct/oct 2002 (26.10.2002)

(25) de (26) de

(30) 101 53 920.7 2 Nov/nov 2001 DE
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR OPERATING A CON-
TROL DEVICE

• PROCEDE POUR FAIRE FONCTION-
NER UN APPAREIL DE COMMANDE

(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) BARTLING, Ralf [DE/DE]; Ramhofstr.
27, 44287 Dortmund (DE).

(74) LEOPOLD KOSTAL GMBH & CO. KG;
Patentabteilung, Wiesenstr. 47, 58507 Lüden-
scheid (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 SI 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 IE IT LU MC NL PT SE SK).

(51)⁷ H02P 7/63

(11) WO 03/038988 (13) A1

(21) PCT/IL02/00799

(22) 2 Oct/oct 2002 (02.10.2002)

(25) en (26) en

(30) 60/326,770 2 Oct/oct 2001 US
(02.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SPEED AND DIRECTION CONTROL
FOR CAPACITOR MOTORS

• COMMANDE DE VITESSE ET DE
DIRECTION POUR MOTEURS A
CONDENSATEUR

(71, 72) NAIMAN, Arthur [IL/IL]; Brazil Street
28/6, 96784 Jerusalem (IL). BARNEA, Eli
[IL/IL]; Pinkas Street 27, 55610 Kiryat Uno
(IL).

(74) SANFORD T. COLB & CO. et al. / etc.;
P.O. Box 2273, 76122 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H02P 9/14

(11) WO 03/038989 (13) A1

(21) PCT/FI02/00793

(22) 9 Oct/oct 2002 (09.10.2002)

(25) fi (26) en

(30) 20011964 9 Oct/oct 2001 FI
(09.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR
MAGNETIZING A SYNCHRONOUS
GENERATOR

• PROCEDE ET APPAREIL PERMET-
TANT DE MAGNETISER UN GENERA-
TEUR SYNCHRON

(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) SILANDER, Eino [FI/FI]; Suvitie 13,
FIN-01820 Klaukkala (FI).

(74) KORPELAINEN, Seppo; ABB Oy, Legal
Affairs/Patents, B.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 SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 H02P 9/30, 9/36, H02K 19/26, F03D 9/00

(11) WO 03/038990 (13) A1

(21) PCT/EP02/09864

(22) 4 Sep/sep 2002 (04.09.2002)

(25) de (26) de

(30) 101 53 644.5 31 Oct/oct 2001 DE
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • WIND POWER STATION WITH CON-
TACTLESS POWER TRANSMITTING
MEANS IN THE ROTOR

• EOLIENNE COMPORTANT DES
MOYENS POUR LA TRANSMISSION
D'ENERGIE SANS CONTACT AU RO-
TOR

(71, 72) WOBLEN, Aloys [DE/DE]; Argestrasse
19, 26607 Aurich (DE).

(74) KECK, Stephan; Eisenführ, Speiser & Part-
ner, Martinistrasse 24, 28195 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 SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 H03D 1/18
- (11) WO 03/038991 (13) A1
- (21) PCT/JP01/09559
- (22) 31 Oct/oct 2001 (31.10.2001)
- (25) ja (26) ja
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • POWER DETECTING CIRCUIT AND
DEMULATOR COMPRISING IT
• CIRCUIT DE DETECTION DE PUIS-
SANCE ET DEMODULATEUR REN-
FERMANT LEDIT CIRCUIT
- (71) SONY CORPORATION [JP/JP]; 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
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(EUROPE) G.M.B.H. [DE/DE]; Kemper-
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les États désignés sauf US)*
- (72, 75) ABE, Masayoshi [JP/JP]; c/o SONY
CORPORATION, 7-35, Kitashinagawa
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CORPORATION, 7-35, Kitashinagawa
6-chome, Shinagawa-ku, Tokyo 141-0001
(JP). KRUPZEVIC, Dragan [YU/DE];
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(DE). BRANKOVIC, Veselin [YU/DE];
c/o SONY INTERNATIONAL (EUROPE)
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(DE). RATNI, Mohamed [DZ/DE]; c/o
SONY INTERNATIONAL (EUROPE)
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(DE).
- (74) SATOH, Takahisa; SOHSHIN INTER-
NATIONAL PATENT OFFICE, 4F Miyaki
Bldg., 4-2, Yanagibashi 2-chome, Taito-ku,
Tokyo 111-0052 (JP).
- (81) CA JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).
-
- (51)⁷ H03D 9/06, 7/00
- (11) WO 03/038992 (13) A1
- (21) PCT/JP02/11098
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) ja (26) ja
- (30) 2001-336573 1 Nov/nov 2001 JP
(01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • FILTER-INTEGRATED EVEN-HAR-
MONIC MIXER AND HIGH-FRE-
QUENCY RADIO COMMUNICATION
APPARATUS USING THE SAME
• MELANGEUR D'HARMONIQUES
D'ORDRE PAIR A FILTRE INTEGRE
ET APPAREIL DE COMMUNICATION
RADIO HAUTE FREQUENCE L'UTILI-
SANT
- (71) SHARP KABUSHIKI KAISHA [JP/JP];
22-22, Nagaik-cho, Abeno-ku, Osaka-shi,
Osaka 545-8522 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) YAMADA, Atsushi [JP/JP]; 281-3,
Sugimoto-cho, Tenri-shi, Nara 632-0078
(JP). AMANO, Yoshihisa [JP/JP]; 1-24-2,
Saidaijishinmachi 1-chome, Nara-shi, Nara
631-0815 (JP). MOTOUCHI, Yoshinori
[JP/JP]; 933, Rapouru-tenri, 2613-1, Ichi-
nomoto-cho, Tenri-shi, Nara 632-0004 (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 JP KE KG KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H03F
- (11) WO 03/038993 (13) A2
- (21) PCT/IB02/03961
- (22) 25 Sep/sep 2002 (25.09.2002)
- (25) en (26) en
- (30) 10/002,276 2 Nov/nov 2001 US
(02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR
AUTOMATED CURRENT BALANCE
ADJUSTMENT FOR PARALLEL COM-
BINED AMPLIFICATION ELEMENTS
• PROCEDE ET APPAREIL POUR RE-
GLER AUTOMATIQUEMENT L'EQUI-
LIBRE DE COURANT DANS DES
ELEMENTS D'AMPLIFICATION COM-
BINES PARALLELES
- (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) HIRVILAMPI, Mika; 1428 Clear Drive,
Lewisville, TX 75067 (US). MAATTA,
Juha; 620 N. Coppel Road, #2704, Coppel,
TX 75019 (US). NIEMINEN, Mikko; Apt.
#2121, 2932 W. Royal Lane, Irving, TX
75063 (US).
- (74) STUART, Michael, C.; Cohen, Pontani,
Lieberman & Pavane, 551 Fifth Avenue,
Suite 1210, New York, NY 10176 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM 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 NO
NZ OM PH PL PT RO RU SD SE SG SI SK
SL TJ TM TN TR TT TZ UA UG UZ VN YU
ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H03F 3/45
- (11) WO 03/038994 (13) A1
- (21) PCT/IB02/03882
- (22) 20 Sep/sep 2002 (20.09.2002)
- (25) en (26) en
- (30) 0125827.6 27 Oct/oct 2001 GB
(27.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • BALANCED TRANSCONDUCTOR
AND ELECTRONIC DEVICE
• TRANSDUCTEUR D'EQUILIBRAGE
ET DISPOSITIF ELECTRONIQUE
- (71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
- (72) HUGHES, John , B.; Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).
- (74) WHITE, Andrew, G.; Internationaal Oc-
trooibureau B.V., Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).
- (81) CN JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H03F 3/72, 3/60
- (11) WO 03/038995 (13) A1
- (21) PCT/US02/34803
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 10/039,936 31 Oct/oct 2001 US
(31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • BALANCED POWER AMPLIFIER
WITH A BYPASS STRUCTURE
• AMPLIFICATEUR DE PUISSANCE SY-
METRIQUE A STRUCTURE EN DERI-
VATION
- (71) QUALCOMM INCORPORATED
[US/US]; 5775 Morehouse Drive, San Diego,
CA 92121 (US).
- (72) KLAREN, Jonathan; 12062 Sepia Court,
San Diego, CA 92128 (US). PERSICO,
Charles, J.; P.O. Box 7159, Rancho Santa
Fe, CA 92067 (US). WALTER, Scott; 11815
Arbor Lake Way, San Diego, CA 92131 (US).
CHAN, Paul, L.; 814 Nardo Road, Encinitas,
CA 92024 (US).
- (74) WADSWORTH, Philip, R. et al. / etc.;
Qualcomm Incorporated, 5775 Morehouse
Drive, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H03H 7/00

(11) WO 03/038996 (13) A2

(21) PCT/US02/34978

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/335,191 31 Oct/oct 2001 US (31.10.2001)

(30) 10/211,765 1 Aug/août 2002 US (01.08.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CIRCUIT CONFIGURATION FOR DC-BIASED CAPACITORS

• CONFIGURATION DE CIRCUITS POUR CONDENSATEURS A POLARISATION EN COURANT CONTINU

(71) AGILE MATERIALS AND TECHNOLOGIES INC. [US/US]; 93 Castilian Drive, Goleta, CA 93117 (US).

(72) YORK, Robert, A.; 5523 Somerset Drive, Santa Barbara, CA 93111 (US).

(74) FARN, Michael, W. et al. / etc.; Fenwick & West LLP, Two Palo Alto Square, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03H 9/145

(11) WO 03/038997 (13) A1

(21) PCT/IL01/00931

(22) 7 Oct/oct 2001 (07.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS UTILIZING THE SAW VELOCITY DISPERSION EFFECT

• PROCEDE ET APPAREIL FAISANT APPEL A LA DISPERSION DE VITESSE SAW

(71, 72) ABRAMOV, Yuri [IL/IL]; 24/4 Har Hatzofim St., 58492 Holon (IL).

(74) CHIRNOMAS, Mordechai; Shibolet Yisraeli Roberts Zisman & Co., Montefiore St. 46, 65201 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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

(u) for / pour US only / seulement

(51)⁷ H03H 11/18

(11) WO 03/038998 (13) A1

(21) PCT/US02/32643

(22) 11 Oct/oct 2002 (11.10.2002)

(25) en (26) en

(30) 10/021,231 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • COMPACT 180 DEGREE PHASE SHIFTER

• DEPHASEUR 180 DEGRES COMPACT

(71) RAYTHON COMPANY [US/US]; 141 Spring Street, Lexington, MA 02421 (US).

(72) LAMPEN, James; 13 Spruce Road, Medway, MA 02053 (US). PARK, Jaiyong; 138 Bowden Street, #208, Lowell, MA 01852 (US).

(74) MOFFORD, Donald, F. et al. / etc.; Daly, Crowley & Mofford, LLP, Suite 101, 275 Turnpike Street, Canton, MA 02021 (US).

(81) JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for the following designations / pour les désignations suivantes : JP KR EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

(t) for all designations / pour toutes les désignations

(51)⁷ H03J 3/20, 1/00

(11) WO 03/038999 (13) A1

(21) PCT/IB02/04397

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 0126219.5 1 Nov/nov 2001 GB (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TUNEABLE FILTER

• FILTRE ACCORDABLE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) SPENCER, Adrian, G.; 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03K 19/094, 19/173, 19/177

(11) WO 03/039000 (13) A1

(21) PCT/IB02/04287

(22) 17 Oct/oct 2002 (17.10.2002)

(25) en (26) en

(30) 10/005,766 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MULTI-MODE I/O CIRCUITRY SUPPORTING LOW INTERFERENCE SIGNALING SCHEMES FOR HIGH SPEED DIGITAL INTERFACES

• CIRCUIT D'ENTREE/SORTIE A MODES MULTIPLES PRENANT EN CHARGE DES SCHEMAS DE SIGNALISATION A FAIBLE INTERFERENCE, DESTINE AUX INTERFACES NUMERIQUES HAUT DEBIT

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo+ (FI). (for all designated States except / pour tous les États désignés sauf BB)

(71) NOKIA INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US). (only for / seulement pour BB)

(72) RUHA, Antti; Uistintie 21 A, FIN-90550 Oulu (FI). RUOTSALAINEN, Tarmo; Matilaisentie 5 A 1, FIN-90570 Oulu (FI). TERVALUOTO, Jussi-Pekka; Tuulikintie 6 B 2, FIN-90570 Oulu (FI).

(74) SMITH, Harry, F.; Harrington & Smith, LLP, 4 Research 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H03K 19/177

(11) WO 03/039001 (13) A1

(21) PCT/US02/34634

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/345,115 29 Oct/oct 2001 US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PROGRAMMABLE INTERFACE FOR
FIELD PROGRAMMABLE GATE AR-
RAY CORES

• INTERFACE PROGRAMMABLE POUR
NOYAUX DE MATRICES PREDIFFU-
SEES PROGRAMMABLES

(71) LEOPARD LOGIC, INC. [US/US]; 6 Re-
sults Way, Cupertino, CA 95014 (US).

(72) WONG, Dale; 855 35th Avenue, San Fran-
cisco, CA 94121 (US).

(74) LAW OFFICES OF GARY T. AKA; 12930
Saratoga Avenue, Suite D1, Saratoga, CA
95070 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H03L

(11) WO 03/039002 (13) A2

(21) PCT/US02/34891

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/335,678 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FRACTIONAL-R- FREQUENCY
SYNTHESIZER

• SYNTHETISEUR DE FREQUENCE
R-FRACTIONNEL

(71) SIRF TECHNOLOGIES, INC. [US/US];
148 E. Brokaw Road, San Jose, CA 95112
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DUBASH, Noshir, Behli [US/US]; 862
West Basin Street, San Pedro, CA 90731
(US). TSO, Robert [US/US]; 8034 Linwalt
St., Rosemead, CA 91770 (US).

(74) RUBIO-CAMPOS, Francisco, A. et al. /
etc.; The Eclipse Group, 26895 Aliso Creek

Road Suite B-104, Aliso Viejo, CA 92656-
5301 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU
ZA ZM ZW AP (GH GM KE LS MW MZ SD SL
SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
OA (BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG)

(51)⁷ H03L 7/06

(11) WO 03/039003 (13) A1

(21) PCT/US02/34665

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/074,737 29 Oct/oct 2001 US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND ARCHITECTURE FOR
SELF-CLOCKING DIGITAL DELAY
LOCKED LOOP

• PROCEDE ET ARCHITECTURE DES-
TINES A UNE BOUCLE D'ASSERVIS-
SEMENT DE RETARD NUMERIQUE
AUTOSYNCHRONISANTE

(71) CYPRESS SEMICONDUCTOR CORP.
[US/US]; 3901 N. First Street, San Jose, CA
95134 (US).

(72) FISCUS, Timothy, E.; 20 Fox Run Lane,
South Burlington, VT 05403 (US).

(74) MAIORANA, Christopher, P.; Christopher
P. Maiorana, P.C., Suite 200, 24025 Greater
Mack, St. Clair Shores, MI 48080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H03L 7/107, 7/093

(11) WO 03/039004 (13) A1

(21) PCT/US02/34316

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 10/001,649 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TIMING JITTER FREQUENCY DETEC-
TOR FOR TIMING RECOVERY SYS-
TEMS

• DETECTEUR DE FREQUENCE DE
GIGUE DE SYNCHRONISATION POUR
SYSTEMES DE RETABLISSEMENT DE
SYNCHRONISATION

(71) INTEL CORPORATION [US/US]; (a
Delaware Corporation), 2200 Mission Col-
lege Boulevard, Santa Clara, CA 95052 (US).

(72) TAKATORI, Hiroshi; 932 South Beach
Drive, Sacramento, CA 95831 (US). LIT-
TLE, James; 1912 H Street, Apt. B, Sacra-
mento, CA 95814 (US). CHIU, Scott; 109
Burrill Drive, Folsom, CA 95630 (US).

(74) WISE, Roger, R. et al. / etc.; Pillsbury
Winthrop, 725 South Figueroa Street, Suite
2800, Los Angeles, CA 90017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H03M 1/00

(11) WO 03/039005 (13) A2

(21) PCT/DE02/02652

(22) 18 Jul/juil 2002 (18.07.2002)

(25) de (26) de

(30) 101 53 309.8 29 Oct/oct 2001 DE
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HIGH-RESOLUTION DIGITAL-TO-
ANALOG CONVERTER

• DISPOSITIF DE CONVERSION NU-
MERIQUE/ANALOGIQUE A RESOLU-
TION ELEVEE

(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) ROGER, Frédéric [FR/DE]; Seyboth-
str. 62, 81545 München (DE). SCHLEDZ,
Ralf-Rainer [DE/DE]; Wiesenweg 4b, 85406
Zolling (DE).

(74) LAMBSORFF, Matthias; Dingolfinger
Strasse 6, 81673 München (DE).

(81) CN JP US.

(84) EP (DE DK FI FR GB IT SE).

(51)⁷ H03M 3/02

(11) WO 03/039006 (13) A2

(21) PCT/EP02/11845

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 01402821.1 31 Oct/oct 2001 EP
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INCREMENTAL-DELTA ANALOGUE-TO-DIGITAL CONVERSION
• CONVERSION ANALOGIQUE-NUMERIQUE DELTA INCREMENTIELLE(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) OLIAEI, Omid [FR/FR]; Motorola Centre De Recherche, Parc Technologique De St Aubin, Route de L'arme Au Merisier, Immeuble Columbia 91190, F-91190 Gif-Sur-Yvette (FR). LEMEN, Berengere [FR/FR]; Motorola Centre De Recherche, Parc Technologique De St Aubin, Route de L'arme Au Merisier, Immeuble Columbia 91190, F-91190 Gif-Sur-Yvette (FR).

(74) WHARMBY, Martin; Motorola Centre De Recherche, Parc Technologique De St Aubin, Route de L'arme Au Merisier, Immeuble Columbia 91190, F-91190 Gif-Sur-Yvette (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03M 3/02

(11) WO 03/039007 (13) A1

(21) PCT/JP02/11014

(22) 23 Oct/oct 2002 (23.10.2002)

(25) ja (26) ja

(30) 2001-330557 29 Oct/oct 2001 JP
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • D/A CONVERTER AND OUTPUT AMPLIFYING CIRCUIT
• CONVERTISSEUR N/A ET CIRCUIT D'AMPLIFICATION DE SORTIE(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
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(72, 75) OHKURI, Kazunobu [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). MASUDA, Toshihiko [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 IE IT LU MC NL PT SE SK TR).

(51)⁷ H03M 13/45

(11) WO 03/039008 (13) A2

(21) PCT/IB02/04491

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/046,590 29 Oct/oct 2001 US
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR DECODING LATTICE CODES AND MULTILEVEL COSET CODES

• PROCEDE ET APPAREIL POUR DECODER DES CODES EN TREILLIS ET DES CODES COSET A PLUSIEURS NIVEAUX

(71) D.S.P.C. TECHNOLOGIES LTD. [IL/IL]; Azorim Park, Derech Em Hamoshavot 94, 49527 Pethach Tikva (IL).

(72) SUTSKOVER, Ilan; Mivtza Danny St. 10d, 38376 Hadera (IL). SHANY, Yaron; Sirkin 25b/5, 44421 Kfar Saba (IL). BEN-ELI, David; Nahal Hayarkon 11, 71700 Modiin (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B

(11) WO 03/039009 (13) A2

(21) PCT/IB02/04436

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 09/985,193 1 Nov/nov 2001 US
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LOCAL SERVICE HANDOVER
• TRANSFERT INTERCELLULAIRE DE SERVICE LOCAL

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). NOKIA INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).

(72) HEINONEN, Tomi; Tähkäniitykatu 6F, FIN-33610 Tampere (FI). LAITINEN, Timo, M.; Juhlalatonkatu 2E 69, FIN-33100 Tampere (FI). LAMPIO, Jarkko; Antinkatu 1B, FIN-37100 Nokia (FI).

(74) HOEL, John; 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 MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 1/04, H03G 3/20, 3/30

(11) WO 03/039010 (13) A1

(21) PCT/JP02/09681

(22) 20 Sep/sep 2002 (20.09.2002)

(25) ja (26) ja

(30) 2001-330986 29 Oct/oct 2001 JP
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TRANSMISSION APPARATUS AND AUTOMATIC GAIN CONTROL METHOD THEREOF

• APPAREIL D'EMISSION ET PROCEDE DE COMMANDE AUTOMATIQUE DE GAIN

(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) TAKENO, Nobuyuki [JP/JP]; c/o SAITAMA NEC CORPORATION, 300-18, Aza Toyohara, Oaza Motohara, Kamikawamachi, Kodama-gun, Saitama 367-0241 (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) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H04B 1/06

(11) WO 03/039011 (13) A1

(21) PCT/US02/31557

(22) 3 Oct/oct 2002 (03.10.2002)

(25) en (26) en

(30) 10/033,420 26 Oct/oct 2001 US
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DIGITAL AUDIO BROADCAST RECEIVER

• RECEPTEUR DE RADIODIFFUSION AUDIO NUMERIQUE

(71) IBIQUITY DIGITAL CORPORATION [US/US]; 20 Independence Boulevard, Warren, NJ 07059 (US).

(72) SYED, Majid; 97 York Drive, Princeton, NJ 08540 (US).

(74) HARPER, Blaney et al. / etc.; Jones, Day, Reavis & Pogue, 51 Louisiana Avenue, N.W., Washington, DC 20001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H04B 1/10

(11) WO 03/039012 (13) A1

(21) PCT/DE02/02750

(22) 26 Jul/juil 2002 (26.07.2002)

(25) de (26) de

(30) 101 52 628.8 25 Oct/oct 2001 DE (25.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ADAPTIVE CHANNEL FILTER FOR A MOBILE RADIO RECEIVER, AND METHOD FOR ADAPTIVE CHANNEL FILTERING

• FILTRE DE CANAL ADAPTATIF POUR RECEPTEUR RADIO MOBILE, ET PROCEDE DE FILTRAGE DE CANAL ADAPTATIF

(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) YANG, Bin [CN/DE]; Karl-Marx-Ring 39, 81735 München (DE). WU, Xiaofeng [CN/DE]; Karl-Marx-Ring 37, 81735 München (DE).

(74) LANGE, Thomas; Dingolfinger Strasse 6, 81673 München (DE).

(81) CN JP US.

(84) EP (DE DK FI FR GB IT SE).

(51)⁷ H04B 1/18, 1/06, H05K 11/00

(11) WO 03/039013 (13) A1

(21) PCT/US02/34733

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/001,260 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • REMOTE PROGRAMMING OF RADIO PRESET STATIONS OVER A NETWORK

• PROGRAMMATION A DISTANCE DE STATIONS RADIO PREREGLÉES SUR UN RESEAU

(71) SALTON, INC. [US/US]; 1955 W. Field Court, Lake Forest, IL 60045 (US).

(72) WILLIAMSON, Charles, G.; 1027 Hickory Hill Drive, Columbia, MO 65202 (US).

(74) SIGALE, Jordan, A. et al. / etc.; Sonnenschein Nath & Rosenthal, P.O. Box 061080, Wacker Drive Station, Sears Tower, Chicago, IL 60606-1080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 H04B 1/38

(11) WO 03/039014 (13) A1

(21) PCT/DE02/02945

(22) 9 Aug/août 2002 (09.08.2002)

(25) de (26) de

(30) 101 53 312.8 29 Oct/oct 2001 DE (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • GARMENT WITH AN ELECTRONIC CIRCUIT

• VETEMENT COMPORTANT UN CIRCUIT ELECTRONIQUE

(71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURCHARD, Bernd [DE/DE]; Steinhagen 3, 45276 Essen (DE). JUNG, Stefan [DE/DE]; Holzstrasse 15d, 80469 München (DE).

(74) 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 IE IT LU MC NL PT SE SK TR).

(51)⁷ H04B 1/38

(11) WO 03/039015 (13) A1

(21) PCT/US02/13580

(22) 29 Apr/avr 2002 (29.04.2002)

(25) en (26) en

(30) 10/016,631 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FACILITY AND METHOD FOR WIRELESS TRANSMISSION OF DATA

• INSTALLATION ET PROCEDE DE TRANSMISSION DE DONNEE SANS FIL

(71) AIRBIQUITY INC. [US/US]; 945 Hildebrand Lane NE, Bainbridge Island, WA 98110 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FOURNIER, André, F. A. [CA/US]; 23618 Dunbar Place NW, Poulsbo, WA 98370 (US). JAHANI, Allen, A. [CA/US]; 7422 Madrona Drive, Bainbridge, WA 98110 (US). SAWYER, Michael, S. [CA/US]; 8214 Grand Ave., Bainbridge Island, WA 98110

(US). GRANT, Stephen, M. [US/US]; 10260 North East Winther Road, Bainbridge Island, WA 98110 (US).

(74) STOLOWITZ, Micah, D.; Stoel Rives LLP, 900 SW Fifth Avenue, Suite 2600, Portland, OR 97204-1268 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H04B 1/38

(11) WO 03/039016 (13) A1

(21) PCT/US02/32706

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) 09/999,212 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ELECTROMAGNETIC SHIELD FOR A WIRELESS COMMUNICATIONS DEVICE

• ECRAN ELECTROMAGNETIQUE POUR DISPOSITIF DE COMMUNICATIONS SANS FIL

(71) ERICSSON, INC. [US/US]; 511 Davis Drive, Research Triangle Park, NC 27709 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SADLER, Robert, A. [US/US]; 8905 Blakehurst Drive, Raleigh, NC 27617 (US). HAYES, Gerard, James [US/US]; 209 Liliput Lane, Wake Forest, NC 27587 (US). STEWART, William, P. [US/US]; 502 North Third Street, Mebane, NC 27302 (US). DOUGLAS, Mark [CA/US]; 327 Bond Lake Drive, Cary, NC 27513 (US).

(74) MYERS, BIGEL, SIBLEY & SAJOVEC; P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 1/38, 1/06

(11) WO 03/039017 (13) A1

(21) PCT/US02/34610

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

- (30) 10/004,346 **1 Nov/nov 2001** US
(01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • GEOGRAPHIC MANAGEMENT SYSTEM
• SYSTEME DE GESTION GEOGRAPHIQUE
- (71) CELERITASWORKS, L.L.C. [US/US]; 7101 College Boulevard, Suite 620, Overland Park, KS 66210 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COSSINS, Robert, N. [US/US]; 18950 West 215th Street, Spring Hill, KS 66083 (US). EVANS, Scott, A. [US/US]; 8616 Greenway Lane, Lenexa, KS 66215 (US).
- (74) STIPEK, James, M.; Lathrop & Gage, LC, 2345 Grand Boulevard, Suite 2400, Kansas City, MO 64108 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04B 1/40

(11) WO 03/039018 (13) A1

(21) PCT/KR02/01867

(22) 7 Oct/oct 2002 (07.10.2002)

(25) ko (26) en

(30) 2001/61749 **8 Oct/oct 2001** KR
(08.10.2001)(30) 2002/52445 **2 Sep/sep 2002** KR
(02.09.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MESSAGE CREATING APPARATUS AND METHOD FOR MOBILE PHONE

• SYSTEME ET PROCEDE DE CREATION DE MESSAGES SUR TELEPHONE MOBILE

(71) MBRIDGE SYSTEMS, INC. [KR/KR]; Tacwang Bldg. 7F, 719-6 Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KWON, Hyuk [KR/KR]; 301-1301 Hanil Apartment, Hansol-Maul, Jeongja-Dong, Bundang-Gu, Gyunggi, Seongnam 463-010 (KR). LEE, Jae-Yeong [KR/KR]; 103-103 Sungyung Apartment, 1345 Sa2-Dong, Gyunggi, Ansan 425-172 (KR).

(74) CHO, Tarm; Dong Won Patent & Trademark Law Firm, Hyundai Jeonwon Officetel, 12th floor, 1589-7, Socho-dong, Socho-gu, 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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H04B 1/707

(11) WO 03/039019 (13) A1

(21) PCT/JP02/11457

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 0126381.3 **2 Nov/nov 2001** GB
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FLEXIBLE RAKE RECEIVER ARCHITECTURE

• ARCHITECTURE DE RECEPTEUR A RATEAU FLEXIBLE

(71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

(72) DOLWIN, Anthony Craig; c/o Toshiba Research Europe Limited, 32, Queens Square, Bristol, Avon BS1 4ND (GB).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP

Published / Publiée : (c)

(51)⁷ H04B 1/707, G01S 5/14

(11) WO 03/039020 (13) A1

(21) PCT/US02/34326

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 60/336,187 **29 Oct/oct 2001** US
(29.10.2001)(30) 10/056,877 **24 Jan/jan 2002** US
(24.01.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PARAMETER ESTIMATOR FOR A CDMA RECEIVER WITH A SEARCH WINDOW OF VARIABLE SIZE AND/OR PLACEMENT

• ESTIMATEUR DE PARAMETRES DESTINE A UN RECEPTEUR CDMA A FENETRE DE RECHERCHE DE DIMENSIONS ET/OU A PLACEMENT VARIABLES

(71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) RICK, Roland, R.; 11456 Northwick Way, San Diego, CA 92131 (US). RISTIC, Borislav; 7981 Playmor Terrace, San Diego, CA 92122 (US). AMERGA, Messay; 8929 Lombard Place, #119, San Diego, CA 92122 (US). STEIN, Jeremy, M.; Na'amat Street 19, 34670 Haifa (IL). FERNANDEZ-CORBATON, Ivan Jesus; 1134 Felspar Street, Apt. 2, San Diego, CA 92109 (US). BHATTIA, Ashok; 1714 Grove Street, Apt. #8, San Diego, CA 92102 (US).

(74) WADSWORTH, Philip, R. et al. / etc.; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H04B 1/707, G01S 5/14

(11) WO 03/039021 (13) A1

(21) PCT/US02/35271

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/340,100 **1 Nov/nov 2001** US
(01.11.2001)(30) 10/060,885 **29 Jan/jan 2002** US
(29.01.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PARAMETER ESTIMATOR CONFIGURED TO DISTINGUISH BETWEEN PEAKS AND SIDELOBES OF CORRELATION FUNCTION

• ESTIMATEUR DE PARAMETRES CONFIGURE POUR DISTINGUER LES CRETES DES LOBES LATERAUX D'UNE FONCTION DE CORRELATION

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) RICK, Roland, R.; 11456 Northwick Way, San Diego, CA 92131 (US). AMERGA, Messay; 8929 Lombard Place #119, San Diego, CA 92122 (US). STEIN, Jeremy,

- M.; 19 Na'amat Street, 34670 Haifa (IL). **FERNANDEZ-CORBATON, Ivan**; 1134 Felspar Street, San Diego, CA 92109 (US).
- (74) **WADSWORTH, Philip, R.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **H04B 3/56**
- (11) **WO 03/039022** (13) A1
- (21) PCT/AU02/01490
- (22) **1 Nov/nov 2002 (01.11.2002)**
- (25) en (26) en
- (30) PR 8626 **1 Nov/nov 2001 AU (01.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • POWERLINE COMMUNICATION SYSTEM
- SYSTEME DE TRANSMISSION SUR COURANT PORTEUR
- (71) **INOVATECH LIMITED [CN/AU]**; Level 2, 120 Christie Street, St Leonards, NSW 2065 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAVID, John [AU/CN]**; Po Shan Road, Middle Levels, Hong Kong (CN). **TAGARIS, Harry [AU/PH]**; 2911 Megaplaza, ADB Avenue, Ortigas (PH). **LACHSZ, Andrei [AU/AU]**; 10 Bogan Place, Wahroonga, NSW 2076 (AU). **WATTS, Ronald, Stafford [AU/AU]**; 14 Beresford Ave, Chatswood, NSW 2067 (AU).
- (74) **HODGKINSON OLD MCINNES**; Level 3, 20 Alfred Street, Milsons Point, NSW 2061 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 5/00, 7/00**
- (11) **WO 03/039023** (13) A1
- (21) PCT/US02/33317
- (22) **18 Oct/oct 2002 (18.10.2002)**
- (25) en (26) en
- (30) 10/014,721 **26 Oct/oct 2001 US (26.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DEVICE AND METHOD FOR PROVIDING STATUS INFORMATION OF DEVICES IN A SHORT RANGE WIRELESS NETWORK
- DISPOSITIF ET PROCEDE DE FOURNITURE D'INFORMATIONS D'ETAT DE DISPOSITIFS D'UN RESEAU SANS FIL DE COURTE PORTEE
- (71) **IXI MOBILE, INC. [US/US]**; 990 Commercial Street, Suite 111, Palo Alto, CA 94303 (US).
- (72) **HALLER, Amit**; 2208 Bettina Avenue, Belmont, CA 94002 (US). **FORNELL, Peter**; 1355 Hoodview Lane, Lake Oswego, OR 97034 (US). **ITZCHAK, Avraham**; Havered 19 Street, Ra'anana 43523 (IL). **HAPARNAS, Ziv**; 3 Bergson Street, 69106 Tel Aviv (IL). **GLICK, Amir**; Tahkemoni 2 Street, 65151 Tel Aviv (IL).
- (74) **DENIRO, Kirk, J.**; Vierra Magen Marcus Harmon & DeNiro LLP, Suite 540, 685 Market Street, San Francisco, CA 94105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 7/00**
- (11) **WO 03/039024** (13) A2
- (21) PCT/EP01/12609
- (22) **31 Oct/oct 2001 (31.10.2001)**
- (25) en (26) en
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DOWNLINK POWER CONTROL
- REGULATION DE PUISSANCE DE LIAISON DESCENDANTE
- (71) **NOKIA CORPORATION [FI/FI]**; Keilalahdentie 4, FIN-02150 Espo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RODRIGUEZ GIL, Regina [ES/ES]**; C/Sánchez Albarrán N°22 5°C, E-29014 Málaga (ES). **ROMERO GARCIA, Javier [ES/ES]**; C/Miguel Lafuente N°9, E-29013 Málaga (ES).
- (74) **COHAUSZ & FLORACK**; Kanzlerstrasse 8a, 40472 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 7/00**
- (11) **WO 03/039025** (13) A2
- (21) PCT/IB02/04253
- (22) **15 Oct/oct 2002 (15.10.2002)**
- (25) en (26) en
- (30) 0124952.3 **17 Oct/oct 2001 GB (17.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • A RECEIVER AND A RECEIVING METHOD
- RECEPTEUR ET PROCEDE DE RECEPTION
- (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) **SUNDARALINGAM, Sathiaselalan [GB/GB]**; 9 Eskdale Way, Heatherside, Camberley, Surrey GU15 1RW (GB).
- (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 7/00, H04L 12/28**
- (11) **WO 03/039026** (13) A1
- (21) PCT/RU02/00488
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) ru (26) ru
- (30) 2001130433 **1 Nov/nov 2001 RU (01.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • RADIO COMMUNICATION METHOD FOR A WIRELESS LOCAL NETWORK, A WIRELESS LOCAL NETWORK AND A TRANSCIVING DEVICE
- PROCEDE DE COMMUNICATION RADIO DANS UN RESEAU LOCAL SANS FIL, RESEAU LOCAL SANS FIL ET DISPOSITIF EMETTEUR / RECEPTEUR
- (71) **OBSHESTVO S OGRANICHENNOY OTVETSTVENOSTJU "ALGORITM" [RU/RU]**; ul. Ruzovskaya, 16, St. Petersburg, 198013 (RU).
(for all designated States except / pour tous les États désignés sauf US)

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H04B 7/00, H04Q 7/20, 1/30, 7/00, G08B 5/22

(11) WO 03/039029 (13) A1

(21) PCT/US02/31857

(22) 4 Oct/oct 2002 (04.10.2002)

(25) en (26) en

(30) 10/012,823 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • SYSTEMS AND METHODS FOR IMPLEMENTING CALLS USING PRE-ESTABLISHED MULTICAST GROUPS IN A MULTICAST IP NETWORK

- SYSTEMES ET PROCÉDES PERMETTANT DE METTRE EN OEUVRE DES APPELS AU MOYEN DE GROUPES DE MULTIDIFFUSION PREÉTABLIS DANS UN RESEAU IP MULTIDIFFUSION

(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) EKL, Randy L.; 930 Lancaster Lane, Lake Zurich, IL 60047 (US). KORUS, Michael, F.; 4210 Crimson Drive, Hoffman Estates, IL 60195 (US).

(74) HUGHES, Terri, S. et al. / etc.; MOTOROLA, INC., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H04B 7/005

(11) WO 03/039030 (13) A1

(21) PCT/IB02/04415

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 0126073.6 31 Oct/oct 2001 GB (31.10.2001)

(30) 0126423.3 5 Nov/nov 2001 GB (05.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • RADIO COMMUNICATION SYSTEM
• SYSTEME DE RADIOCOMMUNICATION

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) MOULSLEY, Timothy, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BAKER, Matthew, P., J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) SCOTT, Kevin, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 7/06

(11) WO 03/039031 (13) A1

(21) PCT/JP02/11251

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ja (26) ja

(30) 2001-334392 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • RADIO TRANSMISSION APPARATUS AND RADIO COMMUNICATION METHOD

- DISPOSITIF D'EMISSION RADIO ET PROCÉDE DE COMMUNICATION RADIO

(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) ISHIKAWA, Kimihiko [JP/JP]; 1-21-1-207, Kamiookahigashi, Konan-ku, Yokohama-shi, Kanagawa 233-0001 (JP).

(74) WASHIDA, Kimihito; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ H04B 7/08

(11) WO 03/039032 (13) A1

(21) PCT/CA02/01637

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 2,361,186 2 Nov/nov 2001 CA (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • SYSTEM AND METHOD FOR MITIGATING FADING OF A SIGNAL AT A RADIO RECEIVER

- SYSTEME ET PROCÉDE D'ATTENUATION D'EVANOUISSEMENT D'UN SIGNAL AU NIVEAU D'UN RECEPTEUR RADIO

(71) SOMA NETWORKS, INC. [US/US]; 185 Berry St., Suite 2000, San Francisco, CA 94107 (US).

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(72, 75) MANTHA, Ramesh [CA/CA]; c/o SOMA Networks, Inc., 312 Adelaide Street West, Suite 700, Toronto, Ontario M5V 1R2 (CA). CASTURA, Jeffery, P. [CA/CA]; c/o

SOMA Networks, Inc., 312 Adelaide Street West, Suite 700, Toronto, Ontario M5V 1R2 (CA).

(74) **DAINES, Jeffrey, T.**; c/o SOMA Networks, Inc., 312 Adelaide Street West, Suite 700, Toronto, Ontario M5V 1R2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 7/08

(11) WO 03/039033 (13) A1

(21) PCT/JP02/11273

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ja (26) ja

(30) 2001-331759 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SPACE DIVERSITY RECEIVER, OPERATION CONTROL METHOD THEREOF, AND PROGRAM

• RECEPTEUR A DIVERSITE SPATIALE, PROCEDE DE COMMANDE DE CE RECEPTEUR ET PROGRAMME ASSOCIE

(71) **NEC CORPORATION** [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).
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(72, 75) **SONODA, Hideaki** [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 KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)⁷ H04B 7/212, H04Q 7/00

(11) WO 03/039034 (13) A1

(21) PCT/US02/32293

(22) 15 Oct/oct 2002 (15.10.2002)

(25) en (26) en

(30) 10/011,669 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS AND SYSTEMS FOR COMMUNICATING DATA AT RADIO BASE STATION NODES THAT PROVIDE EFFICIENT ALLOCATION OF CONTROL TIMESLOTS

• PROCEDES ET SYSTEMES DE TRANSMISSION DE DONNEES AU NIVEAU DE NOEUDS DE STATION DE BASE RADIO POUR OBTENIR

UNE MEILLEURE AFFECTATION DES CRENEAUX TEMPORELS DE GESTION

(71) **ERICSSON, INC.** [US/US]; 511 Davis Drive, Research Triangle Park, NC 27709 (US).

(72) **SHEPHERD, Johnny**; 6503 Schley Road, Hillsborough, NC 27278 (US). **REPICE, Joseph**; 111 Milley Brook Court, Apex, NC 27502 (US). **WILCOX, John**; 101 Leacroft Way, Morrisville, NC 27560 (US).

(74) **MYERS, BIGEL, SIBLEY & SAJOVEC**; P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04B 7/212

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(21) PCT/US02/36424

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/335,504 31 Oct/oct 2001 US (31.10.2001)

(30) 10/230,116 29 Aug/août 2002 US (29.08.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND SYSTEM FOR OPTIMALLY SERVING STATIONS ON WIRELESS LANS USING A CONTROLLED CONTENTION/RESOURCE RESERVATION PROTOCOL OF THE IEEE 802.11E STANDARD

• PROCEDE ET SYSTEME POUR SERVIR DE FAÇON OPTIMALE DES STATIONS SUR DES RESEAUX LOCAUX SANS FIL AU MOYEN D'UN PROTOCOLE DE RESERVATION CONTROLE DE CONFLIT/RESSOURCE DE LA NORME IEEE 802.11E

(71) **AT & T CORPORATION** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

(72) **SHERMAN, Matthew, J.**; 4 Atlantis Drive, Succasunna, NJ 07876 (US).

(74) **CANAVAN, Robert, T. et al.** / etc.; AT & T Corporation, P.O. Box 4110, Middletown, NJ 07748-4110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H04B 7/216, 7/00

(11) WO 03/039036 (13) A1

(21) PCT/US02/35118

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/335,928 1 Nov/nov 2001 US (01.11.2001)

(30) 10/172,777 14 Jun/juin 2002 US (14.06.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MULTI-CHANNEL BROADBAND CONTENT DISTRIBUTION SYSTEM
• SYSTEME DE DISTRIBUTION DE CONTENU MULTI-CANAU A LARGE BANDE

(71) **BROADLOGIC NETWORK TECHNOLOGIES, INC.** [US/US]; 1740 Technology Drive, Suite 500, San Jose, CA 95110 (US).

(72) **FRANCESCA, Anthony**; 3407 Ashton Court, Pleasanton, CA 94588 (US). **ZHANG, Weimin**; 2047 Mandelay Place, San Jose, CA 95138 (US).

(74) **NG, Horace, H. et al.** / etc.; Townsend And Townsend And Crew Llp, 2 Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H04B 7/26, H04Q 7/38, H04B 17/00

(11) WO 03/039037 (13) A1

(21) PCT/IB02/04590

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 0126267.4 1 Nov/nov 2001 GB (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A METHOD AND A SYSTEM FOR DETECTING COMMUNICATION RELAYING NETWORK ELEMENTS

• PROCEDE ET SYSTEME DE DETECTION D'ELEMENTS DE RESEAU ASSURANT LE RELAIS DES COMMUNICATIONS

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
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(72, 75) **SPIRITO, Maurizio** [IT/FI]; Apollonkatu 4 A 19, FIN-00100 Helsinki (FI).

- WECKSTRÖM, Mikko [FI/FI]; Ida Ekmanin Tie 2 K 91, FIN-00400 Helsinki (FI). RUUTU, Ville [FI/FI]; Illansuu 2 D 4, FIN-02210 Espoo (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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
(11) WO 03/039038 (13) A1
(21) PCT/KR01/02176
(22) 14 Dec/déc 2001 (14.12.2001)
(25) ko (26) en
(30) 2001/0062383 10 Oct/oct 2001 KR (10.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • SYSTEM AND METHOD FOR CONTROLLING THE DISPLAY OF WIRELESS TERMINAL USING LOCKING TECHNIQUE
• SYSTEME ET PROCEDE DE COMMANDE DE L'AFFICHEUR DE TERMINAL SANS FIL AU MOYEN D'UNE TECHNIQUE DE BLOCAGE
- (71) INFOBANK CO.,LTD [KR/KR]; Poonglim Bldg, 823, Yeoksam-1-dong, Gangnam-gu, Seoul 135-784 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JANG, Jun-Ho [KR/KR]; Dawon village #102, 287 Gumi-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-500 (KR).
- (74) KIM, Seong-Nam et al. / etc.; 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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04B 7/26
(11) WO 03/039039 (13) A1
(21) PCT/KR02/01798
(22) 24 Sep/sep 2002 (24.09.2002)
(25) ko (26) en
- (30) 2001-0067107 30 Oct/oct 2001 KR (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR INCREASING STANDBY TIME USING ACCESS HISTORY TO 1X EV-DO NETWORK WITH ACCESS TERMINAL AND DEVICE THEREOF
• PROCEDE D'AUGMENTATION DU TEMPS D'ATTENTE UTILISANT UN HISTORIQUE D'ACCES A UN RESEAU 1X EV-DO AVEC UN TERMINAL D'ACCES ET SON DISPOSITIF
- (71) KTFREETEL CO. LTD. [KR/KR]; 890-20 Daechi-dong, Gangnam-gu, 135-280 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AHN, Byung-Ik [KR/KR]; 202-801 Munchonlife, Juyeop 2-dong, Ilsan-gu, Goyang-si, 411-372 Gyeonggi-do (KR). KIM, Ki-Hong [KR/KR]; 205-1903 Hangaram APT., Yichon 1-dong, Yongsan-gu, 140-031 Seoul (KR).
- (74) LEE, Kyeong-Ran; 502 BYC Bldg., 648-1 Yeoksam 1-dong, Kangnam-ku, 135-081 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04B 7/26
(11) WO 03/039040 (13) A1
(21) PCT/KR02/01896
(22) 10 Oct/oct 2002 (10.10.2002)
(25) ko (26) en
(30) 2001-0062514 10 Oct/oct 2001 KR (10.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR PROCESSING A PARKING REGISTRATION AND PARKING INFORMATION INQUIRY
• PROCEDE ET DISPOSITIF DE TRAITEMENT D'UN ENREGISTREMENT DE STATIONNEMENT ET D'UNE DEMANDE D'INFORMATIONS DE STATIONNEMENT
- (71, 72) SONG, Jai-young [KR/KR]; 301, 457, Doon-chon 2 Dong, Kang-dong Gu, 134-822 Seoul (KR). KIM, dong-il [KR/KR]; 202, 180-6, Cheon-ho 3 Dong, Kang-dong Gu, 134-864 Seoul (KR).
- (74) LEE, byul-sup; 9th Fl., Star Tower, 737 Yeoksam 1-dong, Gangnam-gu, Seoul 135-984 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM
- HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04B 7/26
(11) WO 03/039042 (13) A1
(21) PCT/KR02/02072
(22) 30 Oct/oct 2002 (30.10.2002)
(25) en (26) en
(30) 2001/67274 30 Oct/oct 2001 KR (30.10.2001)
(43) 8 May/mai 2003 (08.05.2003)
- (54) • APPARATUS AND METHOD FOR CONTROLLING POWER OF REVERSE CHANNELS IN A MOBILE COMMUNICATION SYSTEM
• APPAREIL ET PROCEDE DE REGLAGE DE LA PUISSANCE DE LA VOIE DE RETOUR DANS UN SYSTEME MOBILE DE TELECOMMUNICATIONS
- (71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, 442-370 Kyungki-do (KR).

(72) **KIM, Youn-sun**; 63, Tacchi 3-dong, Kangnam-gu, 135-834 Seoul (KR). **KIM, Dae-Gyun**; #228-1703, Sibom Woosung APT., Sohyun-dong, Pundang-gu, Songnam-shi, 463-773 Kyonggi-do (KR). **CHOI, Ho-Kyu**; #1204-303, Mujigae-maoul, Kumi-dong, Pundang-gu, Songnam-shi, 463-500 Kyonggi-do (KR). **KWON, Hwan-Joon**; #1-203, Midomansion, Tunchon 2-dong, Kangdong-gu, 134-062 Seoul (KR). **HUH, Hoon**; #328-1411, Hanyang APT., Sohyun-dong, Pundang-gu, Songnam-shi, 463-776 Kyonggi-do (KR). **YUN, Yu-Suk**; 954-21, Tacchi-dong, Kangnam-gu, 135-280 Seoul (KR). **KIM, Dong-Hee**; 565, Shindaebang-dong, Tongjak-gu, 156-010 Seoul (KR).

(74) **LEE, Keon-Joo**; Mihwa Bldg. 110-2, Myongryun-dong 4-ga, Chongro-gu, 110-524 Seoul (KR).

(81) AU CA CN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H04B 7/26

(11) WO 03/039043 (13) A1

(21) PCT/NL01/00762

(22) 16 Oct/oct 2001 (16.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYNCHRONISATION OF MOBILE EQUIPMENT IN TIME DIVISION DUPLEX CDMA SYSTEM

• SYNCHRONISATION D'UN EQUIPEMENT MOBILE DANS UN SYSTEME CDMA DUPLEX A REPARTITION DANS LE TEMPS

(71) TELEFONAKTIEBOLAGET LM ERICSSON [SE/SE]; S-126 25 Stockholm (SE).

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(72, 75) **VAN DER WAL, Arnaud** [NL/NZ]; 36 Whiting Crescent, Napier (NZ). **STOTER, Jan** [NL/NL]; Fie Carelsenstraat 49, NL-7558 WB Hengelo (NL). **VAN DE HEE, Johan** [NL/NL]; Sparrendaal 43, NL-7544 NN Enschede (NL).

(74) **JORRITSMA, Ruurd**; Nederlandsch Oecrooibureau, Scheveningsweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 10/17

(11) WO 03/039044 (13) A2

(21) PCT/US02/33700

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 10/003,766 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND SYSTEM FOR CONTROLLING THE OUTPUT OF AN OPTICAL PUMP ENERGY SOURCE

• PROCEDE ET SYSTEME DE COMMANDE DE LA SORTIE D'UNE SOURCE D'ENERGIE DE POMPE OPTIQUE

(71) GENERAL INSTRUMENT CORPORATION [US/US]; 101 Tournament Drive, Horscham, PA 19044 (US).

(72) **RAITI, Peter, A.**; 119 Summit Avenue, Fort Washington, PA 19034 (US).

(74) **JABLON, Clark, A. et al.** / etc.; Akin, Gump, Strauss, Hauer & Feld, LLP, Suite 2200, One Commerce Square, 2005 Market Street, Philadelphia, PA 19103-7086 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 15/00, H04K 1/00, H04L 27/30

(11) WO 03/039045 (13) A2

(21) PCT/US02/33035

(22) 14 Oct/oct 2002 (14.10.2002)

(25) en (26) en

(30) 10/004,734 26 Oct/oct 2001 US (26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR PROVIDING MULTIPLE SPREAD SPECTRUM CLOCK GENERATOR CIRCUITS WITH OVERLAPPING OUTPUT FREQUENCIES

• PROCEDE ET APPAREIL PERMETTANT DE DOTER DE MULTIPLES CIRCUITS GENERATEURS D'HORLOGE A SPECTRE ETALE DE FREQUENCES DE SORTIE A RECOUVREMENT

(71) LEXMARK INTERNATIONAL, INC. [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).

(72) **HARDIN, Keith, Bryan**; 2404 Shady Oak Place, Lexington, KY 40515 (US). **OGLESBEE, Robert, Aaron**; 2067 Rambler Road, Lexington, KY 40503 (US). **OWENS, Brian, Keith**; 1952 Westmeath Place, Lexington, KY 40503 (US).

(74) **BRADY, John, A.**; Lexmark International, Inc., Intellectual Property Law Dept., 740 West New Circle Road, Lexington, KY 40550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04B 17/00 // H03B 29/00

(11) WO 03/039046 (13) A1

(21) PCT/FI02/00843

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 20012108 31 Oct/oct 2001 FI (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR SIMULATING RADIO CHANNEL

• PROCEDE ET DISPOSITIF DE SIMULATION D'UN CANAL RADIO

(71) ELEKTROBIT OY [FI/FI]; Tutkijantie 8, FIN-90570 Oulu (FI).

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(72, 75) **SÄRKELÄ, Ville** [FI/FI]; Kankaanpääntie 36, FIN-91980 Lumijoki (FI). **SARKKINEN, Timo** [FI/FI]; Kokkokaarto 6, FIN-90450 Kempele (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) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H04H

(11) WO 03/039047 (13) A2

(21) PCT/IB02/05817

(22) 11 Apr/avr 2002 (11.04.2002)

(25) en (26) en

(30) 09/832,691 11 Apr/avr 2001 US
(11.04.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • POLARIZATION AND SPATIAL DIVERSITY ANTENNA ASSEMBLY FOR WIRELESS COMMUNICATION DEVICES

• ENSEMBLE ANTENNE A POLARISATION ET DIVERSITE SPATIALE POUR DISPOSITIFS DE RADIOCOMMUNICATIONS

(71) TYCO ELECTRONICS LOGISTICS AG [CH/CH]; Amperestrasse 3, CH-9323 Steinach SG (CH).

(72) HILL, Robert; 8711 Lilac Court, Salinas, CA 93907 (US). TRUMBULL, Thomas, R.; P.O. Box 456, Redwood Estates, CA 95004 (US).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H04H

(11) WO 03/039048 (13) A2

(21) PCT/US02/35246

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/335,561 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • EVENT LISTENING DEVICE AND SYSTEM

• DISPOSITIF ET SYSTEME D'ECOUTE D'EVENEMENTS

(71, 72) SINCLAIR, Anthony, J. [US/US]; 15414 35th Avenue W., Lynnwood, WA 98037 (US).

(74) COOK, Dale, R. et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H04J 11/00

(11) WO 03/039049 (13) A1

(21) PCT/JP02/11119

(22) 25 Oct/oct 2002 (25.10.2002)

(25) ja (26) ja

(30) 2001/332910 30 Oct/oct 2001 JP
(30.10.2001)(30) 2001/332911 30 Oct/oct 2001 JP
(30.10.2001)(30) 2001/332912 30 Oct/oct 2001 JP
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DIRECT CONVERSION RECEIVER

• RECEPTEUR A CONVERSION DIRECTE

(71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi City, Osaka 570-8677 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YUASA, Masatoshi [JP/JP]; c/o Sanyo Electric Co., Ltd., 5-5, Keihanondori 2-chome, Moriguchi City, Osaka 570-8677 (JP). HIRAMATSU, Tatsuo [JP/JP]; c/o Sanyo Electric Co., Ltd., 5-5, Keihanondori 2-chome, Moriguchi City, Osaka 570-8677 (JP). HANAFUSA, Sumio [JP/JP]; c/o Sanyo Electric Co., Ltd., 5-5, Keihanondori 2-chome, Moriguchi City, Osaka 570-8677 (JP).

(74) KAYAMA, Hideyuki; 9F, Shin-Osaka Maru Bldg. Annex, 18-27, Higashinakajima 1-chome, Higashiyodogawa-ku, Osaka City, Osaka 533-0033 (JP).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (b)

(51)⁷ H04J 13/00

(11) WO 03/039050 (13) A1

(21) PCT/JP02/11422

(22) 1 Nov/nov 2002 (01.11.2002)

(25) ja (26) ja

(30) 2001/336997 1 Nov/nov 2001 JP
(01.11.2001)(30) 2002/59140 5 Mar/mar 2002 JP
(05.03.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TRANSMISSION APPARATUS, TRANSMISSION METHOD, TRANSMISSION CONTROL PROGRAM, MEDIUM CONTAINING TRANSMISSION CONTROL PROGRAM, RECEPTION APPARATUS, RECEPTION METHOD, RECEPTION CONTROL PROGRAM, AND MEDIUM CONTAINING RECEPTION CONTROL PROGRAM

• APPAREIL ET PROCEDE D'EMISSIION, PROGRAMME DE COMMANDE D'EMISSIION ET SON SUPPORT ; APPAREIL ET PROCEDE DE RECEPTION, PROGRAMME DE COMMANDE DE RECEPTION ET SON SUPPORT

(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) TAKANO, Hiroaki [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TAKAMURA, Kazuhisa [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). IWASAKI, Jun [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) TANABE, Shigemoto; Green-Fantasia Building 5th Floor, 11-11-508, Jingumae 1-chome, Shibuya-ku, Tokyo 150-0001 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (a)

(51)⁷ H04K

(11) WO 03/039051 (13) A2

(21) PCT/US01/28483

(22) 11 Sep/sep 2001 (11.09.2001)

(25) en (26) en

(30) 60/231,614 11 Sep/sep 2000 US
(11.09.2000)(30) Not furnished / 10 Sep/sep 2001 US
non communiqué (10.09.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • VERIFYING DIGITAL SIGNATURES USING A POSTAL SECURITY DEVICE

• VERIFICATION DE SIGNATURES NUMERIQUES AU MOYEN D'UN DISPOSITIF DE SECURITE POSTALE

(71) ASCOM HASLER MAILING SYSTEMS, INC. [US/US]; 19 Forest Parkway, Shelton, CT 06484-0903 (US).

(72) BYSTRAK, Eugene, Robert; 8 Margaret Terrace, Wolcott, CT 06716 (US). DUTTA, Rana; 367 Waverly Road, Shelton, CT 06484 (US). MATTERN, James, Michael; 755 South Brooksvale Road, Cheshire, CT 06410 (US).

(74) GREEN, Clarence, A. et al. / etc.; Perman & Green, LLP, 435 Post Road, Fairfield, CT 06430 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L

(11) WO 03/039052 (13) A2

(21) PCT/US02/33949

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 10/047,638 26 Oct/oct 2001 US
(26.10.2001)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • AGGREGATE FAIR QUEUING TECHNIQUE IN A COMMUNICATIONS SYSTEM USING A CLASS BASED QUEUING ARCHITECTURE
- PROCEDE GLOBAL PERMETTANT DE FORMER DES FILES D'ATTENTES EQUITABLES DANS UN SYSTEME DE COMMUNICATION FAISANT APPEL A UNE ARCHITECTURE DE FILE D'ATTENTE A PRIORITES PAR CLASSES.
- (71) LUMINOUS NETWORKS, INC. [US/US]; 10460 Bubb Road, Cupertino, CA 95014 (US).
- (72) AGRAWAL, Sanjay, K.; 3071 Marston Way, San Jose, CA 95148 (US). MAMMEN, Neil, N.; 360 Auburn Way, Suite 17, San Jose, CA 95129 (US). NINAN, Ajit; 5708 Rudy Drive, San Jose, CA 95124 (US). FAN, Jason, C.; 371 Snyder Lane, Mountain View, CA 94043 (US).
- (74) LIU, Michele et al. / etc.; Sawyer Law Group LLP, P.O. Box 51418, Palo Alto, CA 94303 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04L
- (11) WO 03/039053 (13) A2
- (21) PCT/US02/35285
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) en (26) en
- (30) 60/335,174 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DATA TRANSMISSION PROCESS AND SYSTEM
- SYSTEME ET PROCEDE DE TRANSMISSION DE DONNEES
- (71) BLUE FALCON NETWORKS, INC. [US/US]; The Bradbury Building, 304 S. Broadway, Suite 596, Los Angeles, CA 90013 (US).
- (72) SAGULA, Rafael, Linden; 11669 Chenault St., Apt. #7, Los Angeles, CA 90049 (US). STOLARZ, Damien P.; 6620 Glade Ave., Canoga Park, CA 91303 (US). STRAGNELL, Benjamin, R.; 435 Redlands St., Playa Del Rey, CA 90293 (US). FIELDING, Marc; 861 1A eADENA aVE., Acardia CA 91007 (US).
- (74) ZHOU, Ziye, Joseph; Manatt, Phelps & Phillips, LLP, 1001 Page Mill Road., Building 2, Palo Alto, CA 9430 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L
- (11) WO 03/039054 (13) A2
- (21) PCT/US02/36425
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) en (26) en
- (30) 60/330,930 2 Nov/nov 2001 US (02.11.2001)
- (30) 09/985,257 2 Nov/nov 2001 US (02.11.2001)
- (30) 60/331,030 7 Nov/nov 2001 US (07.11.2001)
- (30) 60/331,211 13 Nov/nov 2001 US (13.11.2001)
- (30) 60/342,343 21 Dec/déc 2001 US (21.12.2001)
- (30) 10/187,132 28 Jun/juin 2002 US (28.06.2002)
- (30) 10/256,299 27 Sep/sep 2002 US (27.09.2002)
- (30) 10/256,309 27 Sep/sep 2002 US (27.09.2002)
- (30) 10/256,305 27 Sep/sep 2002 US (27.09.2002)
- (30) 10/256,516 27 Sep/sep 2002 US (27.09.2002)
- (30) 10/256,471 27 Sep/sep 2002 US (27.09.2002)
- (30) 10/256,384 27 Sep/sep 2002 US (27.09.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • WIRELESS LANS AND NEIGHBORHOOD CAPTURE
- RESEAUX LOCAUX SANS FIL ET CAPTURE DE VOISINAGE
- (71) AT & T CORP. [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).
- (72) BENVENISTE, Mathilde; 76 Harding Drive, South Orange, NJ 07079 (US).
- (74) SZWERC, Christine, M. et al. / etc.; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748-4110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 1/00
- (11) WO 03/039055 (13) A1
- (21) PCT/DE01/04105
- (22) 30 Oct/oct 2001 (30.10.2001)
- (25) de (26) de
- (30) 101 50 839.5 15 Oct/oct 2001 DE (15.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND DEVICE FOR REPRESENTING THE INITIAL BASE OF AN ENCODER IN THE SIGNAL SPACE OF A QAM OR PSK MODULATION
- PROCEDE ET DISPOSITIF POUR REPRESENTER LA BASE DE DEPART D'UN CODEUR DANS L'ESPACE SIGNAL D'UNE MODULATION QAM OU PSK
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RAAF, Bernhard [DE/DE]; Maxhofstrasse 62, München 81475 (DE). DÖTTLING, Martin [DE/DE]; Hauptstrasse 56, 85579 Neubiberg (DE). MICHEL, Jürgen [DE/DE]; Sebastian-Bauer-Strasse 35, 81737 München (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : CN JP KR 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 H04L 1/00
- (11) WO 03/039056 (13) A1
- (21) PCT/KR02/01999
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) en (26) en
- (30) 2001/66904 29 Oct/oct 2001 KR (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • APPARATUS AND METHOD FOR TRANSMITTING/RECEIVING ERROR DETECTION INFORMATION IN A COMMUNICATION SYSTEM
- APPAREIL ET PROCEDE DE TRANSMISSION/RECEPTION DE DONNEES DE DETECTION D'ERREUR DANS UN SYSTEME DE COMMUNICATION
- (71) SAMSUNG ELECTRONICS CO., LTD [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, 442-370 Kyungki-do (KR).
- (72) KIM, Dong-Hee; 565, Shindaebang-dong, Tongjak-gu, 156-010 Seoul (KR). CHOI, Ho-Kyu; Mujigae maecul, Jugong Apt., #1201-303, Kumi-dong, Pundang-gu, Sungnam-shi, 463-714 Kyonggi-do (KR). KIM, Youn-Sun; 63, Taechi 3-dong, Kangnam-gu, 135-283 Seoul (KR). KWON, Hwan-Joon;

- Mido Mansion, #1-203, Tunchon 2-dong, Kangdong-gu, 134-062 Seoul (KR).
- (74) LEE, Keon-Joo; Mihwa Bldg. 110-2, Myongryun-dong 4-ga, Chongro-gu, 110-524 Seoul (KR).
- (81) AU BR CA CN IN JP RU.
-
- (51)⁷ H04L 1/00
- (11) WO 03/039057 (13) A2
- (21) PCT/US02/35274
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 60/335,492 1 Nov/nov 2001 US (01.11.2001)
- (30) 10/238,951 9 Sep/sep 2002 US (09.09.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • INNER CODING OF HIGHER PRIORITY DATA WITHIN A DIGITAL MESSAGE
- CODAGE INTERNE DE DONNEES A PRIORITE ELEVEE A L'INTERIEUR D'UN MESSAGE NUMERIQUE
- (71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (72) ZHAO, Lijun; 12486 Caminito Brioso, San Diego, CA 92131 (US). CASACCIA, Lorenzo; 1501-8 Reed Avenue, San Diego, CA 92109 (US).
- (74) WADSWORTH, Philip, R. et al. / etc.; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 1/20
- (11) WO 03/039058 (13) A2
- (21) PCT/GB02/04801
- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) en (26) en
- (30) 0126156.9 31 Oct/oct 2001 GB (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ASSESSING CHANNELS IN COMMUNICATIONS SYSTEMS
- EVALUATION DE VOIES DANS DES SYSTEMES DE COMMUNICATION
- (71) UBINETICS LIMITED [GB/GB]; Cambridge Technology Centre, Melbourn, Hertfordshire SG8 6DP (GB).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FISHER-JEFFES, Timothy [ZA/GB]; Flat 1, The Maltings, 99 North End Road, Meldreth, Hertfordshire SG8 6NX (GB).
- (74) HOGG, Jeffery, Keith et al. / etc.; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 5/16, H04J 3/00
- (11) WO 03/039059 (13) A1
- (21) PCT/JP01/09472
- (22) 29 Oct/oct 2001 (29.10.2001)
- (25) ja (26) ja
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ASYMMETRIC TRANSMISSION METHOD BY TDMA-TDD TYPE WIRELESS CIRCUIT
- PROCEDE DE TRANSMISSION ASYMETRIQUE AU MOYEN D'UN CIRCUIT SANS FIL DU TYPE TDMA-TDD
- (71) YOZAN INC. [JP/JP]; 3-5-18, Kitazawa, Setagaya-ku, Tokyo 155-0031 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ISHII, Yoshiyuki [JP/JP]; c/o YOZAN INC., 3-5-18, Kitazawa, Setagaya-ku, Tokyo 155-0031 (JP).
- (74) WATANABE, Hideharu et al. / etc.; Room No.213, Shinjuku Saint Villa Nagatani, 32-11, Nishi-shinjuku 4-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VC VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE 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 7/00
- (11) WO 03/039060 (13) A2
- (21) PCT/US02/34481
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 10/003,340 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • APPARATUS AND METHOD TO GENERATE AN ADAPTIVE SLICER THRESHOLD FOR BINARY DATA
- APPAREIL ET PROCEDE DESTINES A GENERER UN SEUIL D'EMINCEUR
- ADAPTATIF POUR DONNEES BINAIRES
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) LITTLE, James; 1912 H Street, Apt. B, Sacramento, CA 95814 (US).
- (74) WISE, Roger, R.; Pillsbury Winthrop, 725 South Figueroa Street, Suite 2800, Los Angeles, CA 90017 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 7/02, G06F 5/06, 1/04
- (11) WO 03/039061 (13) A2
- (21) PCT/IB02/04076
- (22) 2 Oct/oct 2002 (02.10.2002)
- (25) en (26) en
- (30) 09/999,007 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CLOCK DOMAIN CROSSING FIFO
- TRANSMISSION DE DONNEES ENTRE DES DOMAINES D'HORLOGE PAR TECHNIQUE PEPS
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) PONTIUS, Timothy, A.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). PAYNE, Robert, L.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). EVOY, David, R.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) CHARPAIL, François; Internationaal Oecroibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ H04L 7/02, 7/033
- (11) WO 03/039062 (13) A1
- (21) PCT/US02/34293
- (22) 25 Oct/oct 2002 (25.10.2002)
- (25) en (26) en
- (30) 10/001,656 31 Oct/oct 2001 US (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR TIMING RECOVERY BASED ON THE DIFFERENCE BETWEEN THE EXPECTED AND THE MEASURED VALUE OF THE RECEIVED SIGNAL IN A POINT BETWEEN THE STROBE POINTS
- PROCEDE ET APPAREIL DE RECUPERATION DU RYTHME FONDEE SUR

LA DIFFERENCE ENTRE LA VALEUR ATTENDUE ET CELLE MESUREE DU SIGNAL REÇU DANS UN POINT SITUE ENTRE LES POINTS STROBO-SCOPIQUES

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) TAKATORI, Hiroshi; 932 South Beach Drive, Sacramento, CA 95831 (US). LITTLE, James; 1912 H Street, Apt. B, Sacramento, CA 95814 (US).

(74) WISE, Roger, R.; Pillsbury Winthrop, 725 South Figueroa Street, Suite 2800, Los Angeles, CA 90017 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 7/033, H03L 7/08, 7/093

(11) WO 03/039063 (13) A2

(21) PCT/US02/34489

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/003,330 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TIMING RECOVERY WITH VARIABLE BANDWIDTH PHASE LOCKED LOOP AND NON-LINEAR CONTROL PATHS
• RECUPERATION DU RYTHME DE BOUCLE A PHASE ASSERVIE DE LARGEUR BANDE VARIABLE ET VOIES DE CONTROLE NON-LINEAIRES

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) TAKATORI, Hiroshi; 932 South Beach Drive, Sacramento, CA 95831 (US). LITTLE, James; 1912 H Street, Apt. B, Sacramento, CA 95814 (US). CHIU, Scott; 109 Burrill Drive, Folsom, CA 95630 (US).

(74) WISE, Roger, R. et al. / etc.; Pillsbury Winthrop, 725 South Figueroa Street, Suite 2800, Los Angeles, CA 90017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 9/00

(11) WO 03/039064 (13) A1

(21) PCT/US02/29851

(22) 10 Oct/oct 2002 (10.10.2002)

(25) en (26) en

(30) 60/330,721 29 Oct/oct 2001 US (29.10.2001)

(30) 60/339,163 13 Dec/déc 2001 US (13.12.2001)

(30) 10/252,511 24 Sep/sep 2002 US (24.09.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AUTHENTICATING RESOURCE REQUESTS IN A COMPUTER SYSTEM
• AUTHENTIFICATION DES DEMANDES DE RESSOURCES DANS UN SYSTEME D'ORDINATEUR

(71) SEVENTH KNIGHT [US/US]; P.O. Box 820808, Vicksburg, MI 39182 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOESTLER, Luke [US/US]; 1905 Mission 66, Suite D, Vicksburg, MI 39180 (US).

(74) GARRETT, Arthur, S.; Finnegan, Henderson, Farrahaw Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 9/06

(11) WO 03/039065 (13) A2

(21) PCT/FR02/03756

(22) 31 Oct/oct 2002 (31.10.2002)

(25) fr (26) fr

(30) 01/14132 31 Oct/oct 2001 FR (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR SECURE OPERATION OF A FUNCTIONAL MODULE IN AN ELECTRONIC COMPONENT AND CORRESPONDING COMPONENT
• PROCEDE DE MISE EN OEUVRE SECURISEE D'UN MODULE FONCTIONNEL, DANS UN COMPOSANT ELECTRONIQUE ET COMPOSANT CORRESPONDANT

(71) GEMPLUS [FR/FR]; Avenue du Pic de Bertagne, Parc d'activités de Gémenos, F-13420 Gemenos (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUTERMAN, Pascal [FR/FR]; Chemin de l'Ouert, Lascours, F-13360 Roquevaire (FR). FEYT, Nathalie [FR/FR]; 8, chemin

de Raphèle, 7 lotissement de l'olivieraie, F-13780 Cuges Les Pins (FR). CLAVIER, Christophe [FR/FR]; 5, rue de la République, F-13420 Gemenos (FR). PETIT, Sébastien [FR/FR]; 3, boulevard Chamzy, F-83330 Le Beausset (FR). PROUST, Philippe [FR/FR]; Campagne St Jean, F-04300 Sigonce (FR).

(74) BRUYERE, Pierre; C/o Gemplus, BP 100, F-13881 Gemenos Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ H04L 9/14, 9/10

(11) WO 03/039066 (13) A1

(21) PCT/JP02/11050

(22) 24 Oct/oct 2002 (24.10.2002)

(25) ja (26) ja

(30) 2001-330190 29 Oct/oct 2001 JP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ENCRYPTED COMMUNICATION APPARATUS
• APPAREIL DE COMMUNICATION CHIFFREE

(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) YAMADA, Keiki [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi

- 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **SATO, Tsuneo** [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) CA US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ **H04L 9/18**
- (11) **WO 03/039067** (13) A1
- (21) PCT/SE02/01830
- (22) **9 Oct/oct 2002 (09.10.2002)**
- (25) en (26) en
- (30) 0103623-5 **1 Nov/nov 2001** SE
(01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR ENCRYPTING MEDIA STREAM PACKETS EITHER DYNAMICALLY OR STATICALLY BY A PROXY AND A PRE-PROCESSOR
- PROCEDE ET APPAREIL POUR LE CHIFFREMENT DE PAQUETS DE TRAINS DE DONNEES MULTIMEDIA, DYNAMIQUEMENT OU STATIQUEMENT AU MOYEN D'UN MANDATAIRE ET D'UN PRE-PROCESSEUR
- (71) **KREATEL COMMUNICATIONS AB** [SE/SE]; Teknikringen 4C, S-58330 Linköping (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CARLSSON, Henrik** [SE/SE]; Vasavägen 30, S-58233 Linköping (SE). **HELSTAD, Dag** [SE/SE]; Hjälmgatan 16B, S-58217 Linköping (SE). **ÖSTERLIND, Christer** [SE/SE]; Spjutvägen 13, S-19532 Märsta (SE). **SPARR, Tomas** [SE/SE]; Handskerydsvägen 9A, S-57140 Nässjö (SE).
- (74) **WILLQUIST & PARTNERS PATENT-BYRÅ AB**; Platensgatan 9C, S-58220 Linköping (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 12/18**
- (11) **WO 03/039068** (13) A1
- (21) PCT/EP01/12490
- (22) **29 Oct/oct 2001 (29.10.2001)**
- (25) en (26) en
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD FOR PROVIDING MULTICAST AND/OR BROADCAST SERVICES TO USER TERMINALS
- PROCEDE PERMETTANT DE FOURNIR DES SERVICES MULTIDESTINATION ET/OU D'EMISSION A DES TERMINAUX D'UTILISATEUR
- (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) **KALL, Jan** [FI/FI]; Jupperinmetsä 2B, FIN-02730 Espoo (FI). **FLYKT, Patrik** [FI/FI]; Hirsipadontie 7 K 97, FIN-00640 Helsinki (FI). **MUHONEN, Ahti** [FI/FI]; Holperintie 39, FIN-04680 Hirvihaara (FI).
- (74) **COHAUSZ & FLORACK**; Kanzlerstrasse 8a, 40472 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04L 12/18**
- (11) **WO 03/039069** (13) A1
- (21) PCT/EP02/11768
- (22) **21 Oct/oct 2002 (21.10.2002)**
- (25) en (26) en
- (30) 0126349.0 **2 Nov/nov 2001** GB
(02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • COMMUNICATION SYSTEM, USER EQUIPMENT AND METHOD OF PERFORMING A CONFERENCE CALL THEREOF
- SYSTEME DE COMMUNICATION, EQUIPEMENT D'UTILISATEUR ET PROCEDE PERMETTANT LE DEROULEMENT D'UNE CONFERENCE TELEPHONIQUE
- (71) **MOTOROLA INC** [US/US]; 1303 E. Algonquin Road, Schuamburg, IL 60196 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **THOMAS, Howard** [GB/GB]; Motorola Limited, 16 Euro-Way, Blagrove, Swindon, Wiltshire SN5 8YQ (GB). **FOSTER, Gerry** [GB/GB]; Motorola Limited, 16 Euro-Way, Blagrove, Swindon, Wiltshire SN5 8YQ (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 03/039070** (13) A2
- (21) PCT/GB02/05029
- (22) **1 Nov/nov 2002 (01.11.2002)**
- (25) en (26) en
- (30) 01309304.2 **1 Nov/nov 2001** EP
(01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR ANALYSING NETWORK ROBUSTNESS
- PROCEDE ET DISPOSITIF D'ANALYSE DE LA ROBUSTESSE D'UN RESEAU
- (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) **SAFFRE, Fabrice, Tristan, Pierre** [BE/GB]; 24 Wilkes Court, Grange Farm, Kesgrave, Suffolk IP5 2EQ (GB). **GHANEA-HERCOCK, Robert, Alan** [GB/GB]; 140 Dover Road, Ipswich, Suffolk IP3 8JJ (GB).
- (74) **ROBINSON, Simon, Benjamin**; BT Group Legal, Intellectual Property Department, Holborn Centre, 8th Floor, 120 Holborn, London EC1N 2TE (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04L 12/24, G06F 9/46**
- (11) **WO 03/039071** (13) A1
- (21) PCT/IB01/02020
- (22) **29 Oct/oct 2001 (29.10.2001)**
- (25) en (26) en
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD TO MANAGE HIGH AVAILABILITY EQUIPMENTS
- METHODE DE GESTION D'EQUIPEMENT A GRANDE DISPONIBILITE
- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BLANC, Florence** [FR/FR]; 16, rue Genissieu, F-38000 Grenoble **COLAS, Isabelle** [FR/FR]; 4, rue Marceau, F-38000

Grenoble VIGOUROUX, Xavier [FR/FR];
4, place Lionel Terray, F-38320 Eybens

(74) PLACAIS, Jean-Yves; Cabinet Netter, 40,
rue Vignon, 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 NO NZ PL PT RO RU SD
SE SG SI SK SL TJ TM TR TT TZ UA UG
US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GQ GW ML
MR NE SN TD TG).

(51)⁷ H04L 12/24, 12/46

(11) WO 03/039072 (13) A2

(21) PCT/US02/34794

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 09/682,883 29 Oct/oct 2001 US
(29.10.2001)

(30) 10/066,532 31 Jan/jan 2002 US
(31.01.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ETHERNET SWITCH AND SYSTEM
• COMMUTATEUR ET SYSTEME
ETHERNET

(71) GE CISCO INDUSTRIAL NETWORKS,
INC. [US/US]; Route 29 North & Route 606,
Charlottesville, VA 22911 (US).

(72) DANNER, Phillip, A.; 4980 Summer Lane,
Earlsville, VA 22936 (US). RUCINSKI,
Robert, A.; 2746 Jasmine Terrace,
Charlottesville, VA 22911 (US). MCKEEL,
Robert, A.; 1010 Still Meadows Cross-
ing, Charlottesville, VA 22901 (US). ES-
TEP, William, B.; 2319 Ferndown Lane,
Kewswick, VA 22947 (US). SCANLON,
Paul, D.; 3510 Loftlands Drive, Earlsville,
VA 22936 (US).

(74) HAYDEN, Scott et al. / etc.; General Elec-
tric Company, 3135 Easton Turnpike (W3C),
Fairfield, CT 06828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 12/28, 12/437, 12/56

(11) WO 03/039073 (13) A1

(21) PCT/JP01/09541

(22) 31 Oct/oct 2001 (31.10.2001)

(25) ja (26) ja

(43) 8 May/mai 2003 (08.05.2003)

(54) • SUPERVISORY CONTROL DEVICE
AND NODE DEVICE

• DISPOSITIF DE COMMANDE DE
SURVEILLANCE ET DISPOSITIF DE
NOEUD

(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) MORODA, Hitoshi [JP/JP]; c/o FU-
JITSU DIGITAL TECHNOLOGY LIM-
ITED, 3-9, Shinyokohama 2-chome,
Kohoku-ku, Yokohama-shi, Kanagawa
222-0033 (JP). TAKEDA, Masaki [JP/JP];

c/o FUJITSU DIGITAL TECHNOLOGY
LIMITED, 3-9, Shinyokohama 2-chome,
Kohoku-ku, Yokohama-shi, Kanagawa
222-0033 (JP). YAMAGISHI, Yuuichi

[JP/JP]; c/o FUJITSU DIGITAL TECH-
NOLOGY LIMITED, 3-9, Shinyokohama
2-chome, Kohoku-ku, Yokohama-shi, Kana-
gawa 222-0033 (JP). OOKI, Takeru [JP/JP];

c/o FUJITSU DIGITAL TECHNOLOGY
LIMITED, 3-9, Shinyokohama 2-chome,
Kohoku-ku, Yokohama-shi, Kanagawa
222-0033 (JP). YUHARA, Nakaba [JP/JP];

c/o FUJITSU DIGITAL TECHNOLOGY
LIMITED, 3-9, Shinyokohama 2-chome,
Kohoku-ku, Yokohama-shi, Kanagawa
222-0033 (JP). NISHIHASHI, Tadayuki

[JP/JP]; c/o FUJITSU DIGITAL TECH-
NOLOGY LIMITED, 3-9, Shinyokohama
2-chome, Kohoku-ku, Yokohama-shi, Kana-
gawa 222-0033 (JP).

(74) FURUYA, Fumio; Dai2 Meiho Bldg., 9th
Floor, 19-5, Nishishinjuku 1-chome, Shin-
juku-ku, Tokyo 160-0023 (JP).

(81) JP US.

(51)⁷ H04L 12/28

(11) WO 03/039074 (13) A1

(21) PCT/JP02/10420

(22) 7 Oct/oct 2002 (07.10.2002)

(25) ja (26) ja

(30) 2001/331568 29 Oct/oct 2001 JP
(29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • COMMUNICATION MANAGING
METHOD, COMMUNICATION
MANAGING PROGRAM, RECORD
MEDIUM WITH RECORDED COMMU-
NICATION MANAGING PROGRAM,
COMMUNICATION APPARATUS,
CENTRAL MANAGER, AND NET-
WORK SYSTEM

• PROCEDE DE GESTION DE COM-
MUNICATION, PROGRAMME DE
GESTION DE COMMUNICATION,
SUPPORT D'ENREGISTREMENT A
PROGRAMME DE GESTION DE COM-
MUNICATION ENREGISTRE, APPA-
REIL DE COMMUNICATION, GES-
TIONNAIRE CENTRAL ET SYSTEME
DE RESEAU

(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) NAKASHIMA, Ken [JP/JP];
2613-1-519, Ichinomoto-cho, Tenri-shi,
Nara 632-0004 (JP). OHTANI, Yoshihiro

[JP/JP]; 3-1-2-301, Sakuragaoka, Seika-cho,
Soraku-gun, Kyoto 619-0232 (JP). UEDA,
Toru [JP/JP]; 2-12-1-1, Umemidai, Kizu-cho,
Soraku-gun, Kyoto 619-0215 (JP).

(74) HARA, Kenzo et al. / etc.; HARAKENZO
PATENT LAW FIRM, Daiwa Minamimori-
machi Building, 2-6, Tenjinbashi 2-chome
Kita, Kita-ku, Osaka-shi, Osaka 530-0041
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 12/28

(11) WO 03/039076 (13) A1

(21) PCT/KR01/02117

(74) HARA, Kenzo et al. / etc.; HARAKENZO
PATENT LAW FIRM, Daiwa Minamimori-
machi Building, 2-6, Tenjinbashi 2-chome
Kita, Kita-ku, Osaka-shi, Osaka 530-0041
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 12/28

(11) WO 03/039075 (13) A1

(21) PCT/JP02/11168

(22) 28 Oct/oct 2002 (28.10.2002)

(25) ja (26) ja

(30) 2001-336536 1 Nov/nov 2001 JP
(01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ELECTRONIC DEVICE, COMMUNI-
CATION SYSTEM AND METHOD,
INFORMATION PROCESSING TERMIN-
AL AND METHOD, AND INFORMA-
TION PROCESSING APPARATUS AND
METHOD

• DISPOSITIF ELECTRONIQUE, SYS-
TEME ET PROCEDE DE TRANSMIS-
SION, TERMINAL ET PROCEDE DE
TRAITEMENT D'INFORMATIONS ET
APPAREIL ET PROCEDE DE TRAITE-
MENT D'INFORMATIONS

(71) SONY CORPORATION [JP/JP]; 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
141-0001 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) AYATSUKA, Yuji [JP/JP]; c/o SONY
COMPUTER SCIENCE LABORATORY
INC., 3-14-13, Higashi-Gotanda, Shina-
gawa-ku, Tokyo 141-0022 (JP). MAT-
SUSHITA, Nobuyuki [JP/JP]; c/o SONY
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INC., 3-14-13, Higashi-Gotanda, Shina-
gawa-ku, Tokyo 141-0022 (JP).

(74) INAMOTO, Yoshio; 711 Building 4F,
11-18, Nishi-Shinjuku 7-chome, Shin-
juku-ku, Tokyo 160-0023 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (b)

(51)⁷ H04L 12/28

(11) WO 03/039076 (13) A1

(21) PCT/KR01/02117

(22) 31 Oct/oct 2001 (31.10.2001)

(25) ja (26) ja

(43) 8 May/mai 2003 (08.05.2003)

(54) • ELECTRONIC DEVICE, COMMUNI-
CATION SYSTEM AND METHOD,
INFORMATION PROCESSING TERMIN-
AL AND METHOD, AND INFORMA-
TION PROCESSING APPARATUS AND
METHOD

• DISPOSITIF ELECTRONIQUE, SYS-
TEME ET PROCEDE DE TRANSMIS-
SION, TERMINAL ET PROCEDE DE
TRAITEMENT D'INFORMATIONS ET
APPAREIL ET PROCEDE DE TRAITE-
MENT D'INFORMATIONS

(71) SONY CORPORATION [JP/JP]; 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
141-0001 (JP).

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les États désignés sauf US)

(72, 75) AYATSUKA, Yuji [JP/JP]; c/o SONY
COMPUTER SCIENCE LABORATORY
INC., 3-14-13, Higashi-Gotanda, Shina-
gawa-ku, Tokyo 141-0022 (JP). MAT-
SUSHITA, Nobuyuki [JP/JP]; c/o SONY
COMPUTER SCIENCE LABORATORY
INC., 3-14-13, Higashi-Gotanda, Shina-
gawa-ku, Tokyo 141-0022 (JP).

(74) INAMOTO, Yoshio; 711 Building 4F,
11-18, Nishi-Shinjuku 7-chome, Shin-
juku-ku, Tokyo 160-0023 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

- (22) 7 Dec/déc 2001 (07.12.2001)
- (25) ko (26) en
- (30) 2001/68235 2 Nov/nov 2001 KR
(02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR TRANSMITTING EXPLICIT MULTICAST DATA PACKET IN MOBILE IP NETWORK
- PROCEDE ET APPAREIL DE TRANSMISSION DE PAQUETS DE DONNEES DE MULTIDIFFUSION EXPLICITE DANS UN RESEAU IP MOBILE
- (71) KTFREETEL CO., LTD. [KR/KR]; 890-20 Daechi-dong, Gangnam-gu, Seoul 135-280 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEE, Ji-Woong [KR/KR]; #501 1367-63 Seocho-dong, Seocho-dong, Seoul 137-070 (KR). SHIN, Myung-Ki [KR/KR]; 410-1408 Expo APT., Jeonmin-dong, Yuseong-gu, Daejeon 305-390 (KR).
- (74) LEE, Kyeong-Ran; 502 BYC Bldg., 648-1 Yeoksam 1-dong, Kangnam-ku, Seoul 135-081 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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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- Published / Publiée : (c)
- (51)⁷ H04L 12/46, 5/14
- (11) WO 03/039078 (13) A1
- (21) PCT/IE02/00152
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) S2001/0952 30 Oct/oct 2001 IE
(30.10.2001)
- (30) S2001/1040 5 Dec/déc 2001 IE
(05.12.2001)
- (30) S2001/1041 5 Dec/déc 2001 IE
(05.12.2001)
- (30) S2001/1039 5 Dec/déc 2001 IE
(05.12.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • A METHOD FOR SETTING A COMMUNICATION PARAMETER FOR DATA COMMUNICATION BETWEEN A PRIMARY MODEM PAIR VIA A SECOND A SECONDARY MODEM PAIR OVER A PACKET NETWORK
- PROCEDE SERVANT A ETABLIR UN PARAMETRE DE COMMUNICATION DE DONNEES ENTRE UNE PAIRE DE MODEMS PRIMAIRES PAR L'INTERMEDIAIRE D'UNE PAIRE DE MODEMS SECONDAIRES DANS UN RESEAU DE COMMUTATION PAR PAQUETS
- (71) FERNWAY LIMITED [IE/IE]; Beech House, Greenhills Road, Tallaght, Dublin 24 (IE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MCLAUGHLIN, Michael [IE/IE]; 25 Meadowfields, Sandycroft, Dublin 18 (IE). O'CONNELL, Cliona [IE/IE]; End Gates Cottage, Ballyknockan, County Wicklow (IE). VERSO, William [IE/IE]; 10 Parklands Way, Maynooth, County Kildare (IE).
- (74) F.F. GORMAN & CO.; 15 Clanwilliam Square, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 H04L 12/56, H04Q 7/22, H04L 29/06
- (11) WO 03/039080 (13) A1
- (21) PCT/EP01/12630
- (22) 31 Oct/oct 2001 (31.10.2001)
- (25) en (26) en
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • A METHOD FOR HANDLING OF MESSAGES BETWEEN A TERMINAL AND A DATA NETWORK
- PROCEDE PERMETTANT LE TRAITEMENT DES MESSAGES ENTRE UN TERMINAL ET UN RESEAU DE DONNEES
- (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) ISOMÄKI, Markus [FI/FI]; Ajurinkatu 3 B 43, FIN-02600 Espoo (FI). HURTITA, Tuuja [FI/FI]; Kiskottajankuja 4 D 49, FIN-02660 Espoo (FI). HAUMONT, Serge [FI/FI]; Riistavuorenkuja 3 B 10, FIN-00320 Helsinki (FI).
- (74) BÖCKELEN, Rainer et al. / etc.; Tiedtke-Bühling-Kinne, Bavariaring 4, 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 VC VN YU ZA ZM ZW.

MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56, 12/26

(11) WO 03/039081 (13) A1

(21) PCT/EP02/11013

(22) 1 Oct/oct 2002 (01.10.2002)

(25) de (26) de

(30) 01126009.8 31 Oct/oct 2001 EP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD, RECEIVING DEVICE AND TRANSMITTING DEVICE FOR DETERMINING THE FASTEST MESSAGE PATH WITHOUT CLOCK SYNCHRONISATION

• PROCEDE, DISPOSITIF RECEPTEUR ET DISPOSITIF EMETTEUR PERMETTANT DE DETERMINER LE CHEMIN DE MESSAGES LE PLUS RAPIDE SANS SYNCHRONISATION DES HORLOGES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHWARZBAUER, Hanns, Jürgen [DE/DE]; Edelweissstr. 2a, 82194 Gröbenzell (DE). TÜXEN, Michael [DE/DE]; Gasparistr. 8, 81479 München (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ H04L 12/56, 12/64

(11) WO 03/039082 (13) A1

(21) PCT/EP02/11017

(22) 1 Oct/oct 2002 (01.10.2002)

(25) de (26) de

(30) 01126052.8 31 Oct/oct 2001 EP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR COMMUNICATION OF A REAL-TIME DATA EXCHANGE IN A COLLISION-RECOGNITION BASED COMMUNICATION NETWORK, CORRESPONDING MEMORY MEDIUM AND COMMUNICATION NETWORK

• PROCEDE DE COMMUNICATION D'UN TRAFIC DE DONNEES TEMPS REEL DANS UN RESEAU DE COMMUNICATION BASE SUR LA DETECTION DE COLLISION, UN MOYEN D'ENREGISTREMENT CORRESPONDANT ET UN RESEAU DE COMMUNICATION

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAUTHER, Ulrich [DE/DE]; Kaethe-Bauer-Weg 6, 80686 München (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ H04L 12/56

(11) WO 03/039083 (13) A1

(21) PCT/EP02/12224

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 10/052,793 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SRAM BASED CACHE FOR DRAM ROUTING TABLE LOOKUPS

• CACHE A SRAM POUR CONSULTATIONS DE TABLES A ROUTAGE DRAM

(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) KLOTH, Axel [DE/US]; 406 Mountain Laurel Court, Mountain View, CA 94043-5500 (US).

(74) BANZER, Hans-Jörg; KRAUS & WEISERT, Thomas-Wimmer-Ring 15, 80539 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 H04L 12/56, H04J 14/02

(11) WO 03/039084 (13) A1

(21) PCT/JP01/09557

(22) 31 Oct/oct 2001 (31.10.2001)

(25) ja (26) ja

(43) 8 May/mai 2003 (08.05.2003)

(54) • WDM NETWORK SYSTEM AND WDM NODE USED THEREIN

• SYSTEME DE RESEAU WDM ET NOEUD WDM UTILISE DANS CE DERNIER

(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) TAMAI, Naofumi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) HAYASHI, Tsunenori et al. / etc.; Hayashi, Doi & Associates, Toshou-Bldg. No. 3, 3-9-5, Shin-yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

(81) JP US.

(51)⁷ H04L 12/56

(11) WO 03/039085 (13) A1

(21) PCT/US02/33348

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) 10/001,610 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR SCHEDULING PACKET DATA TRANSMISSIONS IN A WIRELESS COMMUNICATION SYSTEM

• PROCEDE ET APPAREIL DE PROGRAMMATION D'EMISSIONS DE DONNEES PAR PAQUETS DANS UN SYSTEME HERTZIEN DE COMMUNICATIONS

(71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) BAO, Gang; 13255 Larkfield Court, San Diego, CA 92130 (US). OSES, David, Puig; 4435 Everts Street, San Diego, CA 92109 (US).

(74) WADSWORTH, Philip, R. et al. / etc.; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04L 12/56

(11) WO 03/039086 (13) A1

(21) PCT/US02/05196

(22) 21 Feb/fév 2002 (21.02.2002)

(25) en (26) en

(30) 60/348,350 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DATA STRUCTURE, METHOD, AND SYSTEM FOR MULTIMEDIA COMMUNICATIONS

• STRUCTURE DE DONNEES, PROCEDE ET SYSTEME DE COMMUNICATIONS MULTIMEDIA

(71) MEDIANET SYSTEMS INTERNATIONAL, INC. [US/US]; Floor 3, 20010 Century Boulevard, Germantown, MD 20874 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GAO, Henry [US/US]; 9826 Bald Cypress Drive, Rockville, MD 20850 (US).

(74) LAURIE, Ronald, S. et al. / etc.; Skadden, Arps, Slate, Meagher & Flom LLP, 525 University Avenue, Palo Alto, CA 94301 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 03/039087 (13) A1

(21) PCT/US02/05457

(22) 21 Feb/fév 2002 (21.02.2002)

(25) en (26) en

(30) 60/348,350 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD, SYSTEM, AND DATA STRUCTURE FOR MULTIMEDIA COMMUNICATIONS

• PROCEDE, SYSTEME, ET STRUCTURE DE DONNEES POUR DES COMMUNICATIONS MULTIMEDIA

(71) MEDIANET SYSTEMS INTERNATIONAL, INC. [US/US]; 20010 Century Blvd., Floor 3, Germantown, MD 20874 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GAO, Henry [US/US]; 9826 Bald Cypress Dr., Rockville, MD 20850 (US).

(74) LAURIE, Ronald, S. et al. / etc.; Skadden, Arps, Slate, Meagher & Flom LLP, 525 University Avenue, Palo Alto, CA 94301 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04L 25/03

(11) WO 03/039088 (13) A1

(21) PCT/EP01/14724

(22) 14 Dec/déc 2001 (14.12.2001)

(25) de (26) de

(30) 01125998.3 31 Oct/oct 2001 EP (31.10.2001)

(30) 101 61 420.9 13 Dec/déc 2001 DE (13.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FREQUENCY EQUALIZATION FOR A MULTITONE TRANSMISSION SYSTEM

• EGALISATION DE FREQUENCE POUR SYSTEME DE TRANSMISSION MULTITONALITE

(71, 72) FLIEGE, J., Norbert [DE/DE]; Weinbergstrasse 21, 69496 Weinheim (DE). TRAUTMANN, Steffen [DE/DE]; Tannhäusering 140, 68199 Mannheim (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 DE (Utility model / modèle d'utilité) DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 25/03, 7/02

(11) WO 03/039089 (13) A1

(21) PCT/IB02/04364

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) 01402835.1 31 Oct/oct 2001 EP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ZF-BASED ADAPTIVE ASYNCHRONOUS RECEIVER

• RECEPTEUR ASYNCHRONE ADAPTIF FONDE SUR LA TECHNIQUE DE FORÇAGE A ZERO

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) BERGMANS, Johannes, W., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). POZIDIS, Charalampos; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WANG, Jianjiang; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) CHARPAIL, François; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)⁷ H04L 25/06

(11) WO 03/039090 (13) A2

(21) PCT/US02/34961

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/001,712 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ERROR CORRECTION METHOD AND APPARATUS FOR DATA TRANSMISSION SYSTEM

• PROCEDE ET DISPOSITIF DE CORRECTION D'ERREUR POUR SYSTEME DE TRANSMISSION DE DONNEES

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) TAKATORI, Hiroshi; 932 South Beach Drive, Sacramento, CA 95831 (US). LITTLE, James; 1912 H Street, Apt. B, Sacramento, CA 95814 (US). CHIU, Scott; 109 Burrill Drive, Folsom, CA 95630 (US).

(74) WISE, Roger, R. et al. / etc.; Pillsbury Winthrop, 725 South Figueroa Street, Suite 2800, Los Angeles, CA 90017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 27/00

(11) WO 03/039091 (13) A2

(21) PCT/IB02/04589

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 0126130.4 31 Oct/oct 2001 GB (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FREQUENCY ERROR ESTIMATION

• ESTIMATION D'ERREURS DE FREQUENCE

(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) PIIRAINEN, Olli [FI/FI]; Pikisaarentie 1 F 11, FIN-90100 Oulu (FI).

(74) WILLIAMS, 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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 29/00

(11) WO 03/039092 (13) A2

(21) PCT/EP02/11887

(22) 23 Oct/oct 2002 (23.10.2002)

(25) en (26) en

(30) 09/985,344 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND SYSTEM FOR SCRIPTING COMMANDS AND DATA FOR

USE BY A PERSONAL SECURITY DEVICE.

• PROCEDE ET SYSTEME DE SCENARISATION DE COMMANDES ET DE DONNEES A UTILISER PAR UN DISPOSITIF DE SECURITE PERSONNEL

(71) ACTIVCARD [FR/FR]; 24-28 avenue du Général de Gaulle, F-92156 Suresnes Cedex (FR).

(72) AUDEBERT, Yves, Louis, Gabriel; 237 Forrester Road, Los Gatos, CA 95032 (US). CLEMOT, Olivier; 23 rue Jules Parent, F-92500 Rueil-Malmaison (FR).

(74) CABINET JP COLAS; 37 avenue Franklin D. Roosevelt, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/00

(11) WO 03/039093 (13) A2

(21) PCT/US01/48207

(22) 14 Dec/déc 2001 (14.12.2001)

(25) en (26) en

(30) 09/999,647 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR PACKET ORDERING FOR PARALLEL PACKET TRANSFORM PROCESSING

• PROCEDES, SYSTEMES ET PROGRAMMES INFORMATIQUES DE CLASSEMENT DE PAQUETS EN VUE DE LEUR PROCESSUS DE TRAITEMENT EN PARALLELE

(71) NETOCTAVE, INC. [US/US]; 507 Airport Boulevard, Suite 111, Morrisville, NC 27560 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLAKER, David [US/US]; 109 Hogan Glen Court, Chapel Hill, NC 27516 (US). SAVARDA, Raymond [US/US]; 4224 Sencroft Drive, Apex, NC 27502 (US).

(74) MYERS BIGEL SIBLEY & SAJOVEC; P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS 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 H04L 29/00

(11) WO 03/039094 (13) A2

(21) PCT/US02/34673

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/351,150 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS AND APPARATUS FOR SECURELY COMMUNICATING A MESSAGE

• PROCEDES ET APPAREIL DE COMMUNICATION SECURISEE D'UN MESSAGE

(71) OMTOOL, LTD [US/US]; 8 Industrial Way, salem, NH 03079 (US).

(72) BOUCHARD, Thaddeus; 16 Willard Circle, Andover, MA 01810 (US).

(74) CAPRARO, Joseph, A. Jr.; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/00

(11) WO 03/039095 (13) A2

(21) PCT/US02/34687

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/033,373 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MANAGING IDENTIFICATION IN A DATA COMMUNICATIONS NETWORK

• GESTION DE L'IDENTIFICATION DANS UN RESEAU DE COMMUNICATION DE DONNEES

(71) SUN MICROSYSTEMS, INC. [US/US]; 4120 Network Circle, MS SCA12-203, Santa Clara, CA 95054 (US).

(72) DE JONG, Eduard, K.; 522 S. Fremont, San Mateo, CA 94402 (US). LEVY, Moshe; 1512 Klamath Drive, Sunnyvale, CA 94087 (US). LEUNG, Albert, Y.; 4175 Orin Court, San Jose, CA 95124 (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06

(11) WO 03/039096 (13) A1

(21) PCT/DE02/03981

(22) 22 Oct/oct 2002 (22.10.2002)

(25) de (26) de

(30) 101 52 015.8 22 Oct/oct 2001 DE (22.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • FUNCTIONAL DISTRIBUTION FOR NETWORK CONTROL UNITS

- REPARTITION FONCTIONNELLE POUR UNITES DE COMMANDE 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) LIEBHART, Rainer [DE/DE]; Am Kellerberg 31, 86529 Schrobenhausen (DE). LEIS, Peter [DE/DE]; Phillipstr. 11b, 82377 Penzberg (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H04L 29/06

(11) WO 03/039097 (13) A2

(21) PCT/DE02/04051

(22) 30 Oct/oct 2002 (30.10.2002)

(25) de (26) de

(30) 101 53 089.7 30 Oct/oct 2001 DE (30.10.2001)

(30) 102 08 661.3 28 Feb/fév 2002 DE (28.02.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND DEVICE FOR AUTOMATIC E-MAIL MANAGEMENT

- PROCEDE ET DISPOSITIF DE GESTION AUTOMATIQUE DE COURRIEL

(71) IM-BRAIN GMBH [DE/DE]; Alter Hellweg 50, 44379 Dortmund (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEEMANN, Daniel [DE/DE]; Am Osthang 3a, 53639 Königswinter (DE). DAMM, Manuela [DE/DE]; Wiesweg 19, 65343 Eltville am Rhein (DE). GRAVEL, Thomas [DE/DE]; Am Sonnenberg 112, 58119 Hagen (DE).

(74) KREUTZER, Ulrich; Patentanwälte Buntgartz & Kreutzer, August-Hirsch-Strasse 10, 47119 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06

(11) WO 03/039098 (13) A2

(21) PCT/DK03/00034

(22) 20 Jan/jan 2003 (20.01.2003)

(25) en (26) en

(30) PA 2002 00978 25 Jun/juin 2002 DK (25.06.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND ADAPTER FOR PROTOCOL DETECTION IN A FIELD BUS NETWORK

- PROCEDE ET ADAPTEUR DE DETECTION DE PROTOCOLE DANS UN RESEAU A BUS DE TERRAIN

(71) PR ELECTRONICS A/S [DK/DK]; Lerbakken 10, DK-8410 Ronde (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LINDEMANN, Stig [DK/DK]; Ivar Huitfeldtsgade 75, DK-8210 Århus N (DK).

(74) ZACCO DENMARK A/S; Åboulevarden 17, DK-8000 Århus C (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model

/ modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC 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).

Published / Publiée : (f), (g)

(51)⁷ H04L 29/06

(11) WO 03/039099 (13) A2

(21) PCT/EP02/12032

(22) 28 Oct/oct 2002 (28.10.2002)

(25) en (26) en

(30) 09/999,267 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND SYSTEM FOR PROVIDING AND BILLING INTERNET SERVICES

- PROCEDE ET SYSTEME PERMETTANT DE FOURNIR ET DE FACTURER DES SERVICES INTERNET

(71) NORTEL NETWORKS LIMITED [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street, Montreal, Quebec H2Y 3Y4 (CA).

(72) REITH, Lothar; Holbeinstr. 51, 60596 Frankfurt (DE).

(74) WIEBUSCH, Manfred; Artur-Ladebeck-Strasse 51, 33617 Bielefeld (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06, G10L 15/26, H04M 3/493

(11) WO 03/039100 (13) A2

(21) PCT/GB02/04858

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 0125892.0 27 Oct/oct 2001 GB (27.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ASYNCHRONOUS ACCESS TO SYNCHRONOUS VOICE SERVICES

- ACCES ASYNCHRONE A DES SERVICES VOCAUX SYNCHRONES

- (71) **HEWLETT-PACKARD COMPANY** [US/US]; 3000 Hanover Street, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRITTAN, Paul, St. John** [GB/GB]; Oldfield Cottage, 39 High Street, Claverham, Somerset BS49 4NE (GB).
- (74) **LAWRENCE, Richard, Anthony**; Hewlett Packard Limited, Intellectual Property Section, Filton Road, Stoke Gifford, Bristol BS34 8QZ (GB).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H04L 29/06, G09B 7/07
- (11) WO 03/039101 (13) A2
- (21) PCT/US02/35286
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 60/334,714 1 Nov/nov 2001 US (01.11.2001)
- (30) 60/400,606 1 Aug/août 2002 US (01.08.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • COMPUTERIZED LEARNING SYSTEM
• SYSTEME D'APPRENTISSAGE INFORMATISE
- (71) **TELECOMMUNICATIONS RESEARCH ASSOCIATES, LLC.** [US/US]; 505 West Bertrand Avenue, St. Marys, KA 66536-0016 (US).
- (72) **DIESEL, Michael, E.**; 15 Oakridge Drive, Saugus, MA 01906 (US). **ISERMANN, Peter, J.**; 7421 NW Carlson Road, Rossville, KA 66533 (US). **BECK, Richard, T, IV**; 7141 NW Arn Road, Rossville, KA 66533 (US). **HILL, Shane, W.**; 102 Tomahawk Drive, St. Marys, KA 66536 (US). **KNIGHT, Jeffery, L.**; 28950 Dolye Creek Road, St. Marys, KA 66536 (US).
- (74) **JOHNSON, Rodney, D.**; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 29/08, 29/06
- (11) WO 03/039102 (13) A1
- (21) PCT/GB02/04617
- (22) 11 Oct/oct 2002 (11.10.2002)
- (25) en (26) en
- (30) 01309312.5 2 Nov/nov 2001 EP (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • FILE DOWNLOAD OPERATION
• OPERATION DE TELECHARGEMENT DE FICHIERS
- (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) **JOHNSTON, William** [GB/GB]; 21 BRAMBLE DRIVE, IPSWICH, Suffolk IP3 8ST (GB).
- (74) **LIDBETTER, Timothy, Guy, Edwin**; BT Group Legal, Intellectual Property Dept., Holborn 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 IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ H04L 29/12, H04Q 7/38, 7/32
- (11) WO 03/039103 (13) A1
- (21) PCT/CA02/01627
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) en (26) en
- (30) 60/330,694 29 Oct/oct 2001 US (29.10.2001)
- (30) 10/208,152 29 Jul/juil 2002 US (29.07.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND APPARATUS FOR INITIATING THE COUPLING OF A DATA DEVICE TO A DIGITAL NETWORK, THROUGH A WIRELESS MESSAGING NETWORK
• PROCEDE ET APPAREIL PERMETTANT DE DECLENCHER LE COUPLAGE D'UN DISPOSITIF DE TRANSMISSION DE DONNEES SUR UN RESEAU NUMERIQUE VIA UN RESEAU DE MESSAGERIE RADIO
- (71) **SIERRA WIRELESS, INC.** [CA/CA]; 13811 Wireless Way, Richmond, British Columbia V6V 3A4 (CA).
- (72) **TOSEY, Joseph, Peter, R.**; 3148 Paisely Road, North Vancouver, British Columbia V7R 1C9 (CA). **WODZIANEK, Richard**; 2564 Harrier Drive, Coquitlam, British Columbia V3E 2A8 (CA).
- (74) **VERMETTE & CO.**; 230-200 Granville Street, Vancouver, British Columbia V6C 1S4 (CA).
- (81) CN IN KR NO.
- (84) 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 H04L 29/12, 29/08, 29/06, 12/56
- (11) WO 03/039104 (13) A1
- (21) PCT/DE02/03786
- (22) 7 Oct/oct 2002 (07.10.2002)
- (25) de (26) de
- (30) 101 52 011.5 22 Oct/oct 2001 DE (22.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND DEVICE FOR MAPPING NETWORK HEADERS ONTO MPLS HEADERS IN BEARER ARCHITECTURES
• PROCEDE ET DISPOSITIF POUR TRANSPOSER DES EN-TETES RESEAU EN EN-TETES MPLS DANS DES ARCHITECTURES SUPPORTS
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRIMMINGER, Jochen** [DE/DE]; Mettenstrasse 17, 80638 München (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE 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 the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement
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- (51)⁷ H04L 29/12, 29/06
- (11) WO 03/039105 (13) A1
- (21) PCT/FR02/03743
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) fr (26) fr
- (30) 01 14019 30 Oct/oct 2001 FR (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD, SYSTEM AND SWITCH FOR ASSOCIATING AN AUXILIARY SERVER OF A CONTENT ROUTING NETWORK
• PROCEDE, SYSTEME ET COMMUTEUR POUR ASSOCIER UN SERVEUR AUXILIAIRE D'UN RESEAU D'ACHEMINEMENT DE CONTENUS
- (71) **ACTIVIA NETWORKS** [FR/FR]; Space 5, Parc de Sophia Antipolis, 2323, chemin St Bernard, F-06225 VALLAURIS Cedex (FR).

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(72, 75) **GAUTIER, Laurent** [FR/FR]; Résidence "Le Flaubert" A2, 1066, chemin Rabiac Estagnol, F-06600 ANTIBES (FR).

(74) **GRYNWALD, Albert**; Cabinet GRYNWALD, 127, rue du Faubourg Poissonnière, F-75009 PARIS (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 H04L 29/12

(11) WO 03/039106 (13) A2

(21) PCT/SE02/01879

(22) 11 Oct/oct 2002 (11.10.2002)

(25) en (26) en

(30) 09/984,265 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR RESOLVING AN ENTITY IDENTIFIER INTO AN INTERNET ADDRESS USING DOMAIN NAME SYSTEM (DNS) SERVER AND AN ENTITY IDENTIFIER PORTABILITY DATABASE

• PROCEDE ET APPAREIL PERMETTANT DE TRADUIRE UNE IDENTIFICATION D'ENTITE EN UNE ADRESSE INTERNET A L'AIDE D'UN SERVEUR DE SYSTEME DE NOMS DE DOMAINE (DNS) ET D'UNE BASE DE DONNEES DE PORTABILITE D'IDENTIFICATIONS D'ENTITE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-125 26 Stockholm (SE).

(72) **FERRARO ESPARZA, Victor**; Emilio Vargas, 19 1 A2, E-28043 Madrid (ES). **COBO, Miguel**; Villagatan 24, S-11432 Stockholm (SE). **KHELLO, Robert**; Storskiftesvägen 24, S-14561 Norsborg (SE). **PLATA ANDRÉS, Isabel**; C/Violetta Parra 6, P-3, 6B, E-28903 Madrid (ES).

(74) **BOESTAD, Kajsa**; Ericsson AB, Patent Unit Internet Applications, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU 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 29/12, 29/06

(11) WO 03/039107 (13) A1

(21) PCT/US02/34711

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/015,959 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS TO CONTROL ADDRESS TRANSLATION OF PACKET FRAGMENTS

• PROCEDE ET DISPOSITIF PERMETTANT DE COMMANDER LA TRADUCTION D'ADRESSE DE FRAGMENTS DE PAQUETS

(71) **INTEL CORPORATION** [US/US]; (a Delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **EGEVANG, Kjeld**; Rorkaer 27, Smorum, DK-2765 (DK).

(74) **MALLIE, Michael, J.**; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M

(11) WO 03/039108 (13) A2

(21) PCT/US02/35247

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 10/002,551 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR PROVIDING COMMUNICATION BETWEEN A PBX TERMINAL AND A PUBLIC WIRELESS NETWORK VIA A PRIVATE WIRELESS NETWORK

• PROCEDE ET APPAREIL POUR ASSURER LA COMMUNICATION ENTRE UN TERMINAL PBX ET UN RESEAU SANS FIL PUBLIC PAR LE BIAIS D'UN RESEAU SANS FIL PRIVE

(71) **INTERWAVE COMMUNICATIONS, INC.** [US/US]; 312 Constitution Drive, Menlo Park, CA 94025-1164 (US).

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(72, 75) **MCINTOSH, Chris, P.** [US/US]; 765 Burnett Avenue, San Francisco, CA 94131

(US). **SUGARBROAD, Ian, V.** [US/US]; c/o Interwave Communications, Inc., 312 Constitution Drive, Menlo Park, CA 94025-1164 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 1/00, 1/02, 1/03, H04R 1/00, 1/02, 25/00

(11) WO 03/039109 (13) A1

(21) PCT/JP02/11221

(22) 29 Oct/oct 2002 (29.10.2002)

(25) ja (26) ja

(30) 2001-333221 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HANDSET FOR COMMUNICATION EQUIPMENT

• COMBINE POUR EQUIPEMENT DE COMMUNICATION

(71) **TEMCO JAPAN CO., LTD.** [JP/JP]; 12-26, Hounan 2-chome, Sugunami-ku, Tokyo 168-0062 (JP).

(72) **FUKUDA, Mikio**; c/o TEMCO JAPAN CO., LTD., 12-26, Hounan 2-chome, Sugunami-ku, Tokyo 168-0062 (JP).

(74) **SAITOH, Haruo**; 11-6, Kyobashi 2-chome, Chuo-ku, Tokyo 104-0031 (JP).

(81) AU CA CN KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H04M 1/00, 1/57

(11) WO 03/039110 (13) A1

(21) PCT/JP02/11253

(22) 30 Oct/oct 2002 (30.10.2002)

(25) ja (26) ja

(30) 2001-334593 31 Oct/oct 2001 JP (31.10.2001)

(30) 2002-32263 8 Feb/fév 2002 JP (08.02.2002)

(30) 2002-310119 24 Oct/oct 2002 JP (24.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PORTABLE TERMINAL DEVICE
• TERMINAL PORTABLE

(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) **SATO, Noriyoshi** [JP/JP]; 133-6, Shinyoshida-cho, Kohoku-ku, Yokohama-shi, Kanagawa 223-0056 (JP). **SUZUKI, Suguru** [JP/JP]; 1-11-10-509, Shintomi, Chuo-ku, Tokyo 104-0041 (JP).

(74) **WASHIDA, Kimihito**; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 1/17, 1/02

(11) **WO 03/039111** (13) A1

(21) PCT/JP02/11363

(22) **31 Oct/oct 2002 (31.10.2002)**

(25) ja (26) ja

(30) 2001-338360 **2 Nov/nov 2001** JP (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ACCESSORY OF PORTABLE TERMINAL AND PORTABLE TERMINAL
• ACCESSOIRE DE TERMINAL PORTATIF ET TERMINAL PORTATIF

(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) **OKADA, Norio** [JP/JP]; 10-B-208, Kamihoshikawa 1-chome, Hodogaya-ku, Yokohama-shi, Kanagawa 240-0042 (JP). **IJIMA, Takahiro** [JP/JP]; 17-10, Higashi Tamagawa 1-chome, Setagaya-ku, Tokyo 158-0084 (JP). **IWATA, Yo** [JP/JP]; 2-12-303, Tsunashima Nishi 2-chome, Kouhoku-ku, Yokohama-shi, Kanagawa 223-0053 (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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 1/247, 1/2745

(11) **WO 03/039112** (13) A1

(21) PCT/CH02/00003

(22) **4 Jan/jan 2002 (04.01.2002)**

(25) de (26) de

(30) 1991/01 **30 Oct/oct 2001** CH (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DOCKING STATION FOR A MOBILE TELEPHONE
• STATION DE FIXATION DE TELEPHONE MOBILE

(71) **WIN INNOVATIONS AG** [CH/CH]; Hirschgässlein 30, CH/4051 Basel (CH). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BLOCH, Peter** [CH/CH]; Frobenstrasse 46, CH-4053 Basel (CH).

(74) **A. BRAUN BRAUN HERITIER ESCHMANN AG**; Holbeinstrasse 36-38, CH-4051 Basel (CH).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU 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 H04M 1/60

(11) **WO 03/039113** (13) A1

(21) PCT/US02/30745

(22) **27 Sep/sep 2002 (27.09.2002)**

(25) en (26) en

(30) 09/964,384 **28 Sep/sep 2001** US (28.09.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TELEPHONE INTERCOM METHODS AND SYSTEMS
• PROCEDES ET SYSTEMES D'INTERPHONE PAR TELEPHONE

(71) **BELLSOUTH INTELLECTUAL PROPERTY CORPORATION** [US/US]; Suite 510, 824 Market Street, Wilmington, DE 19801 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LEVINE, David, A.** [US/US]; 1621 Defoors Walk, Atlanta, GA 30318 (US). **NGUYEN, Hong** [US/US]; 2980 Coles Way, Atlanta, GA 30350 (US).

(74) **GOTTS, Lawrence, J. et al. / etc.**; Shaw Pittman LLP, 1650 Tysons Boulevard, McLean, VA 22102-4859 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VC VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04M 1/62, 1/05, H04Q 7/32

(11) **WO 03/039114** (13) A1

(21) PCT/SG01/00229

(22) **2 Nov/nov 2001 (02.11.2001)**

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • WIRELESS COMMUNICATION APPARATUS
• APPAREIL DE COMMUNICATION SANS FIL

(71) **ADDVALUE TECHNOLOGIES LTD** [SG/SG]; 750 Delta Chai Chee Road, #03-03 Chai Chee Ind. Pk., Singapore 469004 (SG). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOK, Joon, Peng** [MY/SG]; Blk 325, Bukit Batok Street 33, #10-19, Singapore 650325 (SG). **SOO, Mun, Kong** [SG/SG]; Blk 251, Kim Keat Link, #03-111, Singapore 310251 (SG).

(74) **GREENE-KELLY, James, Patrick**; Lloyd Wise, Tanjong Pagar, P.O. Box 636, Singapore 910816 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) *for / pour US only / seulement*

(51)⁷ H04M 3/00

(11) **WO 03/039115** (13) A2

(21) PCT/EP02/11934

(22) **25 Oct/oct 2002 (25.10.2002)**

(25) de (26) de

(30) 101 53 188.5 **27 Oct/oct 2001** DE (27.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DEVICE AND METHOD FOR MULTICHANNEL ACOUSTIC ECHO CANCELLATION WITH A VARIABLE NUMBER OF CHANNELS
• DISPOSITIF ET PROCEDE D'ANNULATION D'ECHO ACOUSTIQUE MULTICANAL A NOMBRE DE CANAUX VARIABLE

- (71) **GRUNDIG AKTIENGESELLSCHAFT** [DE/DE]; Beuthener Strasse 41, 90471 Nürnberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BUCHNER, Herbert** [DE/DE]; Peter-Rosegger-Strasse 29, 93152 Nittendorf (DE). **KELLERMANN, Walter** [DE/DE]; Siebenbürgenstrasse 36, 90542 Eckental (DE).
- (81) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- (51)⁷ **H04M 3/00**
- (11) **WO 03/039116** (13) A2
- (21) PCT/IB02/04417
- (22) **11 Oct/oct 2002 (11.10.2002)**
- (25) en (26) en
- (30) 0124436.7 **11 Oct/oct 2001 GB (11.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **TERMINAL-BASED INSTRUCTION EXECUTION IN AN IP COMMUNICATIONS NETWORK**
• EXECUTION D'INSTRUCTIONS FONDÉE SUR UN TERMINAL DANS UN RESEAU DE COMMUNICATIONS IP
- (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) **TUUNANEN, Heikki** [FI/FI]; Nuijavuori 2 F 51, FIN-02630 Espoo (FI). **MARTIN, Markus** [FI/FI]; Puistokaari 6 A 8, Fin-00200 Helsinki (FI).
- (74) **WILLIAMS, 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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04M 3/00**
- (11) **WO 03/039117** (13) A2
- (21) PCT/NZ02/00233
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) en (26) en
- (30) 515183 **31 Oct/oct 2001 NZ (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **TELECOMMUNICATIONS DATA CAPTURE SYSTEM**
• SYSTEME DE SAISIE DE DONNEES DE TELECOMMUNICATION
- (71) **TVD HOLDINGS LIMITED** [NZ/NZ]; Pricewaterhousecoopers, Level 8, Pricewaterhousecoopers Tower, 188 Quay Street, Auckland 1001 (NZ).
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- (72, 75) **THOMPSON, Andrew, Matthew, Burns** [NZ/NZ]; "The Stables", 2 Collingwood Street, Ponsonby, Auckland 1001 (NZ).
- (74) **WILSON, Kathryn, S.** et al. / etc.; Level 12, KPMG Centre, 85 Alexandra Street, Private Bag 3140, Hamilton 2001 (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04M 3/00**
- (11) **WO 03/039118** (13) A1
- (21) PCT/US02/28182
- (22) **5 Sep/sep 2002 (05.09.2002)**
- (25) en (26) en
- (30) 10/001,159 **31 Oct/oct 2001 US (31.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **SYSTEM AND METHOD FOR INTERFACING A WIRELESS TELEPHONE TO A PERSONAL COMPUTER**
• SYSTEME ET PROCEDURE D'INTERFAÇAGE D'UN TELEPHONE SANS FIL AVEC UN ORDINATEUR PERSONNEL
- (71) **SIEMENS INFORMATION AND COMMUNICATION MOBILE LLC** [US/US]; 16745 West Bernardo Drive, Suite 400, San Diego, CA 92127 (US).
- (72) **STEINBACH, Holger**; 4068 Cargill Drive, Round Rock, TX 78681 (US). **AGUAIS, Alan**; 2207 Shark Loop, Round Rock, TX 78664 (US). **JREIJ, Elie**; 500 Betterman Drive, Pflugerville, TX 78660 (US). **COONS, Larry**; 2020 Simbrah Drive, Cedar Park, TX 78613 (US). **FRANKLIN, Deborah**; 1712 Bradford Court, Corinth, TX 76210 (US).
- (74) **GEORGE, Thomas** 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04M 3/42, 15/28, 15/30, 1/725, 1/247**
- (11) **WO 03/039119** (13) A1
- (21) PCT/EP02/11267
- (22) **8 Oct/oct 2002 (08.10.2002)**
- (25) en (26) en
- (30) 01610110.7 **29 Oct/oct 2001 EP (29.10.2001)**
- (30) 60/335,336 **2 Nov/nov 2001 US (02.11.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **METHOD AND MEANS FOR HANDLING THE USE OF SERVICES**
• PROCEDURE ET MOYENS DE TRAITER L'UTILISATION DE SERVICES
- (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) **BIRGERSON, Joakim** [SE/SE]; Södervångsvägen 149, S-246 36 Löddeköpinge (SE). **SANDAHL, Christer** [SE/SE]; Tegelvågen 7, S-227 30 Lund (SE).
- (74) **HOFMAN-BANG ZACCO A/S**; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04M 3/42**
- (11) **WO 03/039120** (13) A1
- (21) PCT/US02/33533
- (22) **21 Oct/oct 2002 (21.10.2002)**
- (25) en (26) en
- (30) 10/052,800 **29 Oct/oct 2001 US (29.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • **SERVICE MANAGEMENT AGENT FOR MANAGING THE PROVISION OF DIFFERENT SERVICES TO A COMMUNICATION DEVICE**
• AGENT DE GESTION DE SERVICES PERMETTANT DE GERER LA PRESTATION DE DIFFERENTS SERVICES A UN DISPOSITIF DE TELECOMMUNICATION
- (71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **SANDERS, Stephen, Harold, III**; 1457 Woodlawn Avenue, Glenview, IL 60025 (US). **BOCCI, Paul, M.**; 23W732 W. Pine

- Avenue, Roselle, IL 60172 (US). DERTZ, Gregory, A.; 3580 Persimmon Drive, Algonquin, IL 60102 (US).
- (74) DAVIS, Valerie, M. et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ H04M 3/42
- (11) WO 03/039121 (13) A1
- (21) PCT/US02/34528
- (22) 24 Oct/oct 2002 (24.10.2002)
- (25) en (26) en
- (30) 10/029,509 1 Nov/nov 2001 US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHODS AND SYSTEMS FOR TELEPHONY CALL COMPLETION
- PROCEDES ET SYSTEMES D'EXECUTION D'UN APPEL TELEPHONIQUE
- (71) CALLWAVE, INC. [US/US]; 136 W. Canon Perdido Street, Santa Barbara, CA 93101-8207 (US).
- (72) TRANDAL, David, S.; 4007 Primavera Road, Santa Barbara, CA 93110 (US). BRAHM, David, J.; 137 Por La Mar Cr., Santa Barbara, CA 93103 (US).
- (74) ALTMAN, Daniel, E.; Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04M 3/493, 7/00, 3/533, H04Q 3/00
- (11) WO 03/039122 (13) A1
- (21) PCT/DE02/04029
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) de (26) de
- (30) 101 53 279.2 29 Oct/oct 2001 DE (29.10.2001)
- (30) 102 00 855.8 11 Jan/jan 2002 DE (11.01.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND SYSTEM FOR DYNAMIC GENERATION OF ANNOUNCEMENT CONTENTS
- PROCEDE ET SYSTEME POUR LA GENERATION DYNAMIQUE DE CONTENUS D'ANNONCES
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FREUND, Detlev [DE/DE]; Bayerische Strasse 24, 10707 Berlin (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) CN US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
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- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)
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-
- (51)⁷ H04M 3/537, 3/42, 11/10, 1/57, H04L 12/58, H04B 7/24, G06F 13/00
- (11) WO 03/039123 (13) A1
- (21) PCT/JP01/09578
- (22) 1 Nov/nov 2001 (01.11.2001)
- (25) ja (26) ja
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ELECTRONIC MAIL SYSTEM AND ELECTRONIC MAIL TRANSMITTING METHOD
- SYSTEME DE COURRIER ELECTRONIQUE ET PROCEDE D'EMISSION DE COURRIER ELECTRONIQUE
- (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) TOMIKAWA, Mayumi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). YUHARA, Masanobu [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). TAMURA, Mitsuhiko [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). IMAI, Takashi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) SANADA, Tamotsu; Kichijoji-Hirose Bldg. 5th Floor, 10-31, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04M 11/00, 3/42, G06T 13/00
- (11) WO 03/039124 (13) A1
- (21) PCT/JP02/10634
- (22) 11 Oct/oct 2002 (11.10.2002)
- (25) ja (26) ja
- (30) 2001-334539 31 Oct/oct 2001 JP (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • CELLULAR TELEPHONE APPARATUS CAPABLE OF CREATING ANIMATION
- APPAREIL TELEPHONIQUE CELLULAIRE CAPABLE DE CREER UNE ANIMATION
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZAIMA, Hiroaki [JP/JP]; 620, Raporu Tenri, 2613-1, Ichinomoto-cho, Tenri-shi, Nara 632-0004 (JP). MINAKUCHI, Mitsuru [JP/JP]; 33-1, Sakakigatsubo, Hosono, Seika-cho, Soraku-gun, Kyoto 619-0241 (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04M 11/06
- (11) WO 03/039125 (13) A1
- (21) PCT/EP02/11220
- (22) 7 Oct/oct 2002 (07.10.2002)
- (25) de (26) de
- (30) 101 53 740.9 31 Oct/oct 2001 DE (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND DEVICE FOR LOW-PASS FILTERING

- PROCEDE ET DISPOSITIF DESTINE AU FILTRAGE PASSE-BAS
- (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) **CALDERA, Peter** [AT/AT]; Zehenthofstr. 41, A-9500 Villach (AT). **ZOJER, Herbert** [AT/AT]; Franz-Krainer-Str. 36, A-9500 Villach (AT).
- (74) **BANZER, Hans-Jörg**; Kraus & Weisert, Thomas-Wimmer-Ring 15, 80539 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04M 11/10, 3/00, 1/00, H04B 1/38

(11) WO 03/039126 (13) A1

(21) PCT/US02/34639

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/000,551 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • LOCAL AND REMOTE ACCESS TO RADIO PARAMETRIC AND REGULATORY DATA AND METHODS THEREFOR
- ACCESS A DES DONNEES PARAMETRIQUES ET REGLEMENTAIRES RADIO

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).(72) **RIORDAN, Kenneth, B.**; 7223 Pierceshire Road, Spring Grove, IL 60081 (US). **BUNCH, Steve, R.**; 201 Garfield Street, Harvard, IL 60033 (US).(74) **BOWLER, Roland, K.** et al. / etc.; 600 North US Highway 45, AN475, Libertyville, IL 60048 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 15/08

(11) WO 03/039127 (13) A1

(21) PCT/AU02/01461

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) PR 8546 29 Oct/oct 2001 AU (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • A METHOD FOR A SERVICE PROVIDER TO CHARGE A CALLED PARTY FOR A TELEPHONE CALL

- PROCEDE PERMETTANT A UN FOURNISSEUR DE SERVICES DE DEBITER UN APPEL POUR UN APPEL TELEPHONIQUE

(71) **REVERSE I.P. PTY LTD** [AU/AU]; 9-11 Harris Street, Pyrmont, NSW 2009 (AU).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **ROHDE, Anthony, John** [AU/AU]; 26 Woodfield Road, Pullenvale, QLD 4069 (AU).(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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 H04M 17/00, 15/00, 3/42

(11) WO 03/039128 (13) A2

(21) PCT/CA02/01635

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/330,852 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • TOLL-FREE CALL ORIGINATION USING AN ALPHANUMERIC CALL INITIATOR

- LANCEMENT D'APPEL GRATUIT UTILISANT UN MODULE D'INITIALISATION D'UN APPEL ALPHANUMERIQUE

(71, 72) **LANG, Alexander, C.** [CA/CA]; 46 McGill Street, Toronto, Ontario M5B 1H2 (CA).(74) **OGILVY RENAULT**; 1981 McGill College Avenue, Suite 1600, Montreal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 17/00, 15/00, 11/00, 1/00, H04Q 7/32

(11) WO 03/039129 (13) A1

(21) PCT/JP01/09474

(22) 29 Oct/oct 2001 (29.10.2001)

(25) ja (26) ja

(43) 8 May/mai 2003 (08.05.2003)

- (54) • MOBILE COMMUNICATION TERMINAL AND CONTROL PROGRAM

- TERMINAL DE COMMUNICATION MOBILE, ET PROGRAMME DE COMMANDE ASSOCIE

(71) **YOZAN INC.** [JP/JP]; 3-5-18, Kitazawa, Setagaya-ku, Tokyo 155-0031 (JP).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **HANMA, Kentaro** [JP/JP]; c/o YOZAN INC., 3-5-18, Kitazawa, Setagaya-ku, Tokyo 155-0031 (JP). **YOSHINO, Ryozo** [JP/JP]; c/o YOZAN INC., 3-5-18, Kitazawa, Setagaya-ku, Tokyo 155-0031 (JP).(74) **WATANABE, Hideharu et al.** / etc.; Room No.213, Shinjuku Saint Villa Nagatani, 32-11, Nishi-shinjuku 4-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VC VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04N

(11) WO 03/039130 (13) A2

(21) PCT/US02/19618

(22) 20 Jun/juin 2002 (20.06.2002)

(25) en (26) en

(30) 10/003,642 25 Oct/oct 2001 US (25.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • A METHOD AND APPARATUS FOR TRANSMITTING NON-VOD SERVICES

- PROCEDE ET APPAREIL DE TRANSMISSION DE SERVICES SANS SYSTEME DE VIDEO-SUR-DEMANDE

(71) **PREDI WAVE CORP.** [US/US]; 48431 Milmont Avenue, Fremont, CA 94538 (US).(72) **HOANG, Khoi**; 5706 Dalton Creek Way, Pleasanton, CA 94566 (US).

(74) **COLEMAN, Brian, R.**; Perkins Coie LLP, 101 Jefferson Drive, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04N

(11) WO 03/039131 (13) A2

(21) PCT/US02/08894

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/975,564 11 Oct/oct 2001 US (11.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEM, DEVICES, AND METHODS FOR SWITCHING BETWEEN VIDEO CAMERAS

• SYSTEME, DISPOSITIFS ET PROCÉDES DE COMMUTATION ENTRE DES CAMERAS VIDEO

(71) **DIGEO, INC.** [US/US]; 8815 122nd Avenue N.E., Kirkland, WA 98033 (US).

(72) **ALLEN, Paul, G.**; 6451 W. Mercer Way, Mercer Island, WA 98040 (US). **SMITH, Geoffrey, M.**; 223 Hawthorne Avenue, #2, Palo Alto, CA 94301 (US). **NOVAK, Robert**; 602 Valeri Ruth Court, Santa Clara, CA 95050 (US).

(74) **CHRISTENSEN, Kory, D.**; Stael Rives LLP, One Utah Center, 201 South Main Street, Suite 1100, Salt Lake City, Utah 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 1/40

(11) WO 03/039132 (13) A1

(21) PCT/IL01/01010

(22) 31 Oct/oct 2001 (31.10.2001)

(25) en (26) en

(30) PCT/IL01/00934 8 Oct/oct 2001 IL (08.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • GRADATION SMOOTHING

• LISSAGE DE GRADATION

(71) **INDIGO N.V.** [NL/NL]; 5 Limburglaan Street, NL-6221 SH Maastricht (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AMIR, Gideon** [IL/IL]; 3 yehuda Street, 70800 Gan Yavne (IL).

(74) **FENSTER, Paul et al.** / etc.; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04N 1/40

(11) WO 03/039133 (13) A1

(21) PCT/US02/34876

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 09/985,082 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR LOW MEMORY RENDERING

• PROCEDE ET DISPOSITIF DE RESTITUTION POUR MEMOIRE DE FAIBLE CAPACITE

(71) **HEWLETT-PACKARD COMPANY** [US/US]; 3000 Hanover Street, M/S 1051, Palo Alto, CA 94304-1112 (US).

(72) **OBRADOR, Pere**; 2309 Rock Street, #21, Mountain View, CA 94043 (US).

(74) **HEMINGER, Susan, E.**; Hewlett-Packard Company, IP Administration, P. O. Box 272400, Ft. Collins, CO 80527-2400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04N 1/60, 1/54

(11) WO 03/039134 (13) A1

(21) PCT/US02/36416

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 60/339,865 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SPECTRAL COLOR REPRODUCTION WITH SIX COLOR OUTPUT

• REPRODUCTION DE COULEURS SPECTRALES AVEC UNE SORTIE A SIX COULEURS

(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) **BERNS, Roy, S.** [US/US]; 538 Pittsford Henrietta Townline Road, Pittsford, NY 14534 (US). **TAPLIN, Lawrence, A.** [US/US]; Post Office Box 92638, Rochester, NY 14692 (US). **LIANG, Tony, Z.** [US/US]; 3 Lenape Court, Seawell, NJ 08080 (US).

(74) **LERMAN, Bart, E.**; E.I. DUPONT DE NEMOURS AND COMPANY, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19898 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ H04N 3/233

(11) WO 03/039135 (13) A1

(21) PCT/DE02/04033

(22) 29 Oct/oct 2002 (29.10.2002)

(25) de (26) de

(30) 101 53 318.7 29 Oct/oct 2001 DE (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND CIRCUIT FOR OPERATING A DEFLECTION STAGE OF A CATHODE RAY TUBE

- PROCEDE ET CIRCUIT PERMETTANT DE FAIRE FONCTIONNER UN ETAGE DE DEVIATION D'UN TUBE CATHODIQUE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BURKHARDT, Klaus [DE/DE]; Balthasar-Neumann-Strasse 2, 76703 Kraichtal (DE). ECKHARDT, Wolfgang [DE/DE]; Am Kirchberg 71, 76229 Karlsruhe (DE). KÄRCHER, Andreas [DE/DE]; Jöhlinger Strasse 64, 76356 Weingarten (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04N 5/00

- (11) WO 03/039136 (13) A1
- (21) PCT/JP02/11247
- (22) 29 Oct/oct 2002 (29.10.2002)
- (25) ja (26) ja
- (30) 2001-337897 2 Nov/nov 2001 JP (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • RE-TRANSMITTER AND DIGITAL BROADCAST RECEIVING SYSTEM
• REEMETTEUR ET SYSTEME DE RECEPTION DE RADIODIFFUSION NUMERIQUE
- (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) SHIBUSAWA, Toru [JP/JP]; 12-10-501, Takamiya-shinmachi, Neyagawa-shi, Osaka 572-0847 (JP).
- (74) JIMBO, Taizo; Tenmapark Bldg, 8F, 14-19, Tenma 4-chome, Kita-ku, Osaka-shi, Osaka 530-0043 (JP).
- (81) CN GB KR US.

(51)⁷ H04N 5/202

- (11) WO 03/039137 (13) A1
- (21) PCT/US02/34414
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) en (26) en
- (30) 60/337,634 1 Nov/nov 2001 US (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)

- (54) • METHOD FOR DYNAMIC CONTRAST IMPROVEMENT
• PROCEDE D'AMELIORATION DU CONTRASTE DYNAMIQUE
- (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) FILLIMAN, Paul, Dean [US/US]; 7416 River Birch Lane, Indianapolis, IN 46236 (US). HORLANDER, Thomas, Edward [US/US]; 6234 Harverford Avenue, Indianapolis, IN 46220 (US).
- (74) TRIPOLI, Joseph, S. et al. / etc.; Thomson multimedia 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 5/44

- (11) WO 03/039138 (13) A1
- (21) PCT/CN01/01514
- (22) 30 Oct/oct 2001 (30.10.2001)
- (25) zh (26) zh
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • AN AUDIO/VIDEO RF APPARATUS CAPABLE OF REMOVING AND CHANGING THE SCREEN
• APPAREIL RF AUDIO/VIDEO DONT ON PEUT ENLEVER ET REMPLACER L'ECRAN
- (71, 72) LIU, Jefferson [CN/CN]; 13-8 Shuiching Lane, Shuiching, Peitun, Taichung, Taiwan (CN).
- (74) BEIJING SANYOU INTELLECTUAL PROPERTY AGENT LTD.; 40 North Sanhuanzhonglu Road, Beijing 100088 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/44

- (11) WO 03/039139 (13) A1
- (21) PCT/FR02/03560

- (22) 17 Oct/oct 2002 (17.10.2002)
- (25) fr (26) fr
- (30) 01/14252 30 Oct/oct 2001 FR (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DEVICE FOR RECEIVING VIDEO SIGNALS AND A METHOD OF CONTROLLING ONE SUCH DEVICE
• DISPOSITIF DE RECEPTION DE SIGNAUX VIDEO ET PROCEDE DE COMMANDE D'UN TEL DISPOSITIF
- (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) GARANDEAU, Philippe [FR/FR]; 35, chemin des Sources, F-78970 Mezieres (FR).
- (74) BONNANS, Arnaud; Thomson Multimedia, 46, quai Alphonse le Gallo, F-92648 Boulogne Billancourt Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04N 5/44

- (11) WO 03/039140 (13) A1
- (21) PCT/US01/46355
- (22) 1 Nov/nov 2001 (01.11.2001)
- (25) en (26) en
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • TELEVISION SIGNAL RECEIVING SYSTEM
• SYSTEME DE RECEPTION DE SIGNAUX DE TELEVISION
- (71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(51)⁷ H04N 5/44

- (11) WO 03/039140 (13) A1
- (21) PCT/US01/46355
- (22) 1 Nov/nov 2001 (01.11.2001)
- (25) en (26) en
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • TELEVISION SIGNAL RECEIVING SYSTEM
• SYSTEME DE RECEPTION DE SIGNAUX DE TELEVISION
- (71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) STEWART, John, Sidney [US/US]; 3655 West 71st Street, Indianapolis, IN 46268 (US).
- (74) TRIPOLI, Joseph, S. et al. / etc.; Thomson Multimedia Licensing Inc., P.O. Box 5312, Princeton, NJ 08540 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04N 5/445
- (11) WO 03/039141 (13) A1
- (21) PCT/KR02/00080
- (22) 17 Jan/jan 2002 (17.01.2002)
- (25) en (26) en
- (30) 2000/68147 2 Nov/nov 2001 KR (02.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD OF DISPLAYING ADDITIONAL SERVICE DATA IN DIGITAL BROADCASTING SYSTEM
- PROCEDE D'AFFICHAGE DE DONNEES DE SERVICE SUPPLEMENTAIRES DANS UN SYSTEME DE RADIODIFFUSION NUMERIQUE
- (71) PARK, Jae-Suk [KR/KR]; #A-101 Hyundai Villa, 69 Yangjae-dong, Seocho-gu, Seoul 137-889 (KR).
- (for all designated States except / pour tous les États désignés sauf US)
- (71, 72) LI, Zhucheng [CN/CN]; School of Material Mechanical and Automation Engineering, Yianbian University of Science and Technology, Jilin Province, Yanji City 133000 (CN).
- (74) LEE, Won-Hee; 8th Fl., Sung-ji Heights II, 642-16, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04N 5/60, 7/08
- (11) WO 03/039142 (13) A1
- (21) PCT/JP02/11159
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) ja (26) ja
- (30) 2001-330803 29 Oct/oct 2001 JP (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • VIDEO/AUDIO SYNCHRONIZATION APPARATUS
- APPAREIL DE SYNCHRONISATION AUDIO/VIDEO
- (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, Masaki [JP/JP]; 2-16-18-202, Todaijima, Urayasu-shi, Chiba 279-0001 (JP). OKA, Toshio [JP/JP]; 2432-3, Nasecho, Totsuka-ku, Yokohama-shi, Kanagawa 245-0051 (JP). INOUE, Akino [JP/JP]; 5-13-8-405, Kamimeguro, Meguro-ku, Tokyo 153-0051 (JP).
- (74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).
- (81) CN US.
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- (51)⁷ H04N 5/76, 5/91, 7/14, G06T 1/00
- (11) WO 03/039143 (13) A1
- (21) PCT/JP02/11262
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) ja (26) ja
- (30) 2001-332555 30 Oct/oct 2001 JP (30.10.2001)
- (30) 2001-349644 15 Nov/nov 2001 JP (15.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IMAGE ACCUMULATION APPARATUS, IMAGE ACCUMULATION SUPPORT APPARATUS, IMAGE ACCUMULATION SYSTEM, IMAGE CONTROL APPARATUS, IMAGE STORAGE APPARATUS
- APPAREIL D'ACCUMULATION D'IMAGES, APPAREIL DE SUPPORT D'ACCUMULATION D'IMAGES, SYSTEME D'ACCUMULATION D'IMAGES, APPAREIL DE COMMANDE D'IMAGES, APPAREIL DE STOCKAGE D'IMAGES
- (71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). NIKON TECHNOLOGIES INC. [JP/JP]; 3-25, Futaba 1-chome, Shinagawa-ku, Tokyo 142-0043 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TANAKA, Masahide [JP/JP]; C/O NIKON CORPORATION, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). OHMURA, Akira [JP/JP]; C/O NIKON TECHNOLOGIES INC., 3-25, Futaba 1-chome, Shinagawa-ku, Tokyo 142-0043 (JP).
- (74) NAGAI, Fuyuki; Kazan Building, 3-2-4, Kasumigaseki, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04N 5/77
- (11) WO 03/039144 (13) A2
- (21) PCT/US02/35170
- (22) 1 Nov/nov 2002 (01.11.2002)
- (25) en (26) en
- (30) 60/335,926 1 Nov/nov 2001 US (01.11.2001)
- (30) 60/415,905 3 Oct/oct 2002 US (03.10.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • REMOTE SURVEILLANCE SYSTEM
- SYSTEME DE SURVEILLANCE A DISTANCE
- (71) A4S TECHNOLOGIES, INC. [US/US]; 3973 MT Highway 35, Kalispell, MT 59901 (US).
- (72) SIEMENS, Michael, G.; 574 Yoeman Hall, Kalispell, MT 59901 (US). SITKINS, Daniel, F.; 275 N. Many Lakes Drive, Kalispell, MT 59901 (US). KIERSTEAD, Peter, E.; 2981 Browns Meadow, Kalispell, MT 59901 (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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for all designations / pour toutes les désignations
-
- (51)⁷ H04N 5/91, 5/92, 7/08, G11B 20/10
- (11) WO 03/039145 (13) A1
- (21) PCT/JP02/11252
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) ja (26) ja
- (30) 2001-334419 31 Oct/oct 2001 JP (31.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • TIME STAMP VALUE CONTROLLER
- DISPOSITIF DE VERIFICATION DE VALEUR D'HORODATEUR

- (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) OTAKE, Naoto [JP/JP]; 2-5-15-102, Okubo, Konan-ku, Yokohama-shi, Kanagawa 233-0007 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 5/92
- (11) WO 03/039146 (13) A1
- (21) PCT/JP02/11155
- (22) 28 Oct/oct 2002 (28.10.2002)
- (25) ja (26) ja
- (30) 2001/330065 29 Oct/oct 2001 JP (29.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • DIGITAL DATA RECORDING APPARATUS
• APPAREIL D'ENREGISTREMENT DE DONNEES NUMERIQUES
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaik-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OKADA, Yoshihiro [JP/JP]; 2-3-18-A101, Omote-cho, Sakura-shi, Chiba 285-0811 (JP). KATATA, Hiroyuki [JP/JP]; 2-20-686, Honda-cho, Midori-ku, Chida-shi, Chiba 266-0005 (JP).
- (74) FUJIMOTO, Eisuke et al. / etc.; c/o Fujimoto Patent & Law Office, Room 317, Sanno Grand Building 3F., 14-2, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-0014 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 7/01, 5/44
- (11) WO 03/039147 (13) A1
- (21) PCT/IB02/04342
- (22) 18 Oct/oct 2002 (18.10.2002)
- (25) en (26) en
- (30) 01204200.8 1 Nov/nov 2001 EP (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • EDGE ORIENTED INTERPOLATION OF VIDEO DATA
• INTERPOLATION ORIENTEE CONTOURS DE DONNEES VIDEO
- (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) LODDER, Rogier [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DE HAAN, Gerard [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) STEENBEEK, Leonardus, 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 7/01
- (11) WO 03/039148 (13) A1
- (21) PCT/JP02/11350
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) ja (26) ja
- (30) 2001-337655 2 Nov/nov 2001 JP (02.11.2001)
- (30) 2002-198395 8 Jul/juil 2002 JP (08.07.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • SCAN CONVERSION APPARATUS
• APPAREIL DE CONVERSION DE BAYAYAGE
- (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) TERA, Haruko [JP/JP]; 6-34-3, Kamihohigashimachi, Ibaraki-shi, Osaka 567-0037 (JP).
- (74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (81) CN JP 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 H04N 7/10, 5/00
- (11) WO 03/039149 (13) A1
- (21) PCT/GB02/04891
- (22) 30 Oct/oct 2002 (30.10.2002)
- (25) en (26) en
- (30) 0126043.9 30 Oct/oct 2001 GB (30.10.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • GATEWAY DEVICE
• DISPOSITIF DE PASSERELLE
- (71) AMINO HOLDINGS LIMITED [GB/GB]; Longstanton House, Woodside, Longstanton, Cambridge GB4 5BU (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GILBERT, Martyn [GB/GB]; 41 St. Michaels, Longstanton, Cambridge CB4 5BZ (GB).
- (74) REES, Alexander, Ellison; Urquhart-Dykes & Lord, 30 Welbeck Street, London W1G 8ER (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04N 7/10, 7/24
- (11) WO 03/039150 (13) A1
- (21) PCT/IL01/00943
- (22) 11 Oct/oct 2001 (11.10.2001)
- (25) en (26) en
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • OUTLET WITH ANALOG SIGNAL ADAPTER, A METHOD FOR USE THEREOF AND A NETWORK USING SAID OUTLET
• SORTIE A ADAPTATEUR DE SIGNAUX ANALOGIQUES, PROCEDURE D'UTILISATION, ET RESEAU FAISANT APPEL A LADITE SORTIE
- (71) SERCONET LTD. [IL/IL]; 16 Ha'Haroshet Street, P.O.B. 2009, 43657 Raanana (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BINDER, Yehuda [IL/IL]; 30 Yeshurun St., 45200 Hod HaSharon (IL).
- (74) REINHOLD COHN AND PARTNERS; P.O.B. 4060, 61040 Tel Aviv (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H04N 7/10, 7/173
 (11) WO 03/039151 (13) A1
 (21) PCT/SK02/00021
 (22) 30 Oct/oct 2002 (30.10.2002)
 (25) sk (26) en
 (30) PP 1597-2001 2 Nov/nov 2001 SK
 (02.11.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • MODULAR DEVICE FOR BI-DIRECTIONAL SIGNAL TRANSMISSION IN CABLE BROADBAND NETWORKS
 • DISPOSITIF MODULAIRE DESTINE A EMETTRE DES SIGNAUX BIDIRECTIONNELS DANS DES RESEAUX CABLES LARGE BANDE
 (71) OPEN NT, S.R.O. [SK/SK]; Arménska 1/A, 821 07 Bratislava (SK).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) FRLICKA, Jozef [SK/SK]; Svabinského 20, 851 01 Bratislava (SK).
 (74) JURAN, Svetozár; ANIMUS Patent and trademark office, Dúbravská cesta 9, 842 34 Bratislava (SK).
 (81) BA BG CA CH CN CZ HR HU IN JP KZ LT LV MK NO PL RO RU SG SI TR UA US VN YU.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ H04N 7/10, 7/025
 (11) WO 03/039152 (13) A2
 (21) PCT/US02/35161
 (22) 31 Oct/oct 2002 (31.10.2002)
 (25) en (26) en
 (30) 60/335,665 31 Oct/oct 2001 US
 (31.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • SYSTEM AND METHOD FOR ITV DATA AUTOMATION VIA A BROADCAST TRAFFIC AND SCHEDULING SYSTEM
 • SYSTEME ET PROCEDE POUR L'AUTOMATISATION DE DONNEES INTERACTIVES VIA UN SYSTEME DE PROGRAMMATION ET COORDINATION D'EMISSIONS
 (71) GOLDPOCKET INTERACTIVE [US/US]; 12910 Culver Boulevard, Suite B, Los Angeles, CA 90066 (US).
 (72) HUNT, Richard, C.; 12910 Culver Boulevard, Suite B, Los Angeles, CA 90066 (US).
 (74) CHANG, Josephine, E. et al. / etc.; Christie, Parker & Hale, LLP, Post Office Box 7068, Pasadena, CA 91109-7068 (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 7/167

- (11) WO 03/039153 (13) A2
 (21) PCT/FR02/03655
 (22) 24 Oct/oct 2002 (24.10.2002)
 (25) fr (26) fr

- (30) 01 13963 29 Oct/oct 2001 FR
 (29.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • CONTROLLED-ACCESS METHOD AND SYSTEM FOR TRANSMITTING SCRAMBLED DIGITAL DATA IN A DATA EXCHANGE NETWORK
 • PROCEDE ET SYSTEME DE TRANSMISSION AVEC CONTROLE D'ACCES DE DONNEES NUMERIQUES EMBROUILLEES DANS UN RESEAU D'ECHANGE DE DONNEES
 (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) CODET, André [FR/FR]; 1, Chemin de Torigné, Appt 4757, F-35200 Rennes (FR).
 FEVRIER, Pierre [FR/FR]; 3, rue des Trois Pignons, F-35250 St. Sulpice la forêt (FR).
 (74) POULIN, Gérard; c/o Brevalax, 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H04N 7/173

- (11) WO 03/039154 (13) A1
 (21) PCT/IL01/00935
 (22) 10 Oct/oct 2001 (10.10.2001)
 (25) en (26) en
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • METHOD AND SYSTEM FOR A TRUE-VIDEO-ON-DEMAND SERVICE IN A CATV NETWORK
 • PROCEDE ET SYSTEME POUR SERVICE DE VERITABLE VIDEO SUR DEMANDE DANS UN RESEAU DE TELE-DISTRIBUTION
 (71) XTEND NETWORKS LTD. [IL/IL]; Gibor House, 6 Koifman Street, 68012 Tel Aviv (IL).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) WEINSTEIN, Hillel [IL/IL]; 3 Tel Mane Street, 34363 Haifa (IL). ORBACH, Zeev [IL/IL]; 41B Zvi Segal Street, 78484 Ashkelon (IL). ORBACH, Baruch [IL/IL]; 41B Zvi Segal Street, 78484 Ashkelon (IL).
 (74) AGMON, Jonathan et al. / etc.; Soroker - Agmon, 12th floor, Levinstein Tower, 23 Petach Tikva Road, 66184 Tel Aviv (IL).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04N 7/173

- (11) WO 03/039155 (13) A2
 (21) PCT/JP02/11126
 (22) 28 Oct/oct 2002 (28.10.2002)
 (25) en (26) en
 (30) 2001-330827 29 Oct/oct 2001 JP
 (29.10.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • APPARATUS OF A BASELINE DVB-CPCM
 • DISPOSITIF DE GESTION DE PROTECTION ET DE COPIE DE CONTENU DE DIFFUSION DE TELEVISION NUMERIQUE A LIGNE DE BASE
 (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) SHEN, Sheng Mei [SG/SG]; Block 20, Choa Chu Kang Street 64, #03-02 Windermere, 689093 Singapore (SG). JI, Ming [CN/SG]; Block 10, Geylang East Avenue 2, #02-09, 389758 Singapore (SG). HUANG, Zhongyang [CN/SG]; Block 8, Holland Avenue #20-30, 271008 Singapore (SG). TAN, Jek Thoon [SG/SG]; Block 56, #02-30, Choa Chu Kang North 6, Yew Mei Green, 689577 Singapore (SG). SENOH, Takanori [JP/JP]; 1-24-8, Higashinakaburi, Hirakata-shi, Osaka 573-0093 (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) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/18, G01N 21/86

- (11) WO 03/039156 (13) A1
 (21) PCT/FI02/00848
 (22) 1 Nov/nov 2002 (01.11.2002)
 (25) fi (26) en
 (30) 20012125 2 Nov/nov 2001 FI
 (02.11.2001)
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • FLEXIBLE CAMERA INTERFACE
 • INTERFACE DE CAMERA FLEXIBLE
 (71) METSO PAPER AUTOMATION OY [FI/FI]; Lentokentäkatu 11, FIN-33900 Tampere (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]; Eevastiinantie 6, FIN-40500 Jyväskylä (FI). **MUSTONEN, Harri** [FI/FI]; Kiulu 12 E 10, FIN-40520 Jyväskylä (FI). **VIITANEN, Jouko** [FI/FI]; Lindforsinkatu 19 A 26, FIN-33720 Tampere (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 SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04N 7/26

(11) WO 03/039157 (13) A1

(21) PCT/DE02/03513

(22) 20 Sep/sep 2002 (20.09.2002)

(25) de (26) de

(30) 101 51 111.6 15 Oct/oct 2001 DE (15.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • MARKING OF DIGITAL SOUND OR IMAGE SEQUENCES

• MARQUAGE DE SEQUENCES D'IMAGES OU DE SONS NUMERIQUES

(71) **DEUTSCHE TELEKOM AG** [DE/DE]; Friedrich-Ebert-Allee 140, 53113 Bonn (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAAR, Eva** [DE/DE]; Pfarrgasse 3, 64347 Griesheim (DE). **SCHWENK, Jörg** [DE/DE]; Vereinsstrasse 10, 91239 Henfenfeld (DE). **DITTMANN, Jana** [DE/DE]; Pankratiusstrasse 7, 64289 Darmstadt (DE). **STEINEBACH, Martin** [DE/DE]; Seligenstädter Weg 51, 63796 Kahl am Main (DE).

(74) **DEUTSCHE TELEKOM AG**; Rechtsabteilung PA 10, 64307 Darmstadt (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ H04N 7/26

(11) WO 03/039158 (13) A1

(21) PCT/IB02/04285

(22) 16 Oct/oct 2002 (16.10.2002)

(25) en (26) en

(30) 01204128.1 29 Oct/oct 2001 EP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • COMPRESSION
• COMPRESSION

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **PESET LLOPIS, Rafael**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H04N 7/26

(11) WO 03/039159 (13) A2

(21) PCT/IB02/04349

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) 10/039,686 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BIT-RATE GUIDED FREQUENCY WEIGHTING MATRIX SELECTION

• SELECTION DE MATRICE DE PONDERATION DE FREQUENCES GUIDEE PAR DEBIT BINAIRE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **PENG, Shaomin**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN DER SCHAAR, Mihaela**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **LANDOUSY, Christian**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H04N 7/26, 7/24

(11) WO 03/039160 (13) A1

(21) PCT/IB02/04352

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) 10/003,062 2 Nov/nov 2001 US (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • APPARATUS AND METHOD FOR MULTIMEDIA PROCESSING

• APPAREIL ET PROCEDURE DE TRAITEMENT MULTIMEDIA

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **VOGELAAR, Rob**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **JANSSEN, Johannes, G., W., M.**; Prof. Holstlaan 6,

NL-5656 AA Eindhoven (NL). **BRULS, Wilhelmus, H., A.**; 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/26

(11) WO 03/039161 (13) A2

(21) PCT/IL02/00866

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/330,707 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR MOTION ESTIMATION IN A SEQUENCE OF DIGITAL IMAGES

• PROCEDURE ET APPAREIL D'EVALUATION DU MOUVEMENT DANS UNE SEQUENCE D'IMAGES NUMERIQUES

(71) **PARTHUSCEVA LTD.** [IL/IL]; Shenkar Street 5, 46120 Herzlia (IL).

(72) **SADEH, Yaron M.**; Jerusalem Street 9, 44446 Kfar Saba (IL). **MELAMED, Eldad**; Livna 6, 60250 Or-Yehuda (IL).

(74) **EITAN, PEARL, LATZER & COHEN-ZEDEK** et al. / etc.; Gav Yam Center 2, Shenkar Street 7, 46725 Herzlia (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/26

(11) WO 03/039162 (13) A2

(21) PCT/US02/35028

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 09/999,776 31 Oct/oct 2001 US (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR DETERMINING PATTERNS WITHIN ADJACENT BLOCKS OF DATA

- PROCEDE ET APPAREIL PERMETTANT DE DETERMINER DES MOTIFS A L'INTERIEUR DE BLOCS DE DONNEES ADJACENTS
- (71) **ETREPPID TECHNOLOGIES, LLC** [US/US]; 9410 Prototype Drive, Suite 18, Reno, NV 89511 (US).
- (72) **MONTGOMERY, Dennis, L.**; 12720 Buckthorn Lane, Reno NV 89511 (US).
- (74) **JAKOPIN, David, A. et al.** / etc.; Pillsbury Winthrop LLP, 1600 Tysons Boulevard, McLean, VA 22102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04N 7/36, 5/92**
- (11) **WO 03/039163** (13) A1
- (21) PCT/JP02/11362
- (22) **31 Oct/oct 2002 (31.10.2002)**
- (25) ja (26) ja
- (30) 2001-337217 **1 Nov/nov 2001 (01.11.2001)** JP
- (30) PCT/JP02/00713 **30 Jan/jan 2002 (30.01.2002)** JP
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MOVING PICTURE INFORMATION COMPRESSION METHOD AND SYSTEM THEREOF
- PROCEDE DE COMPRESSION D'INFORMATION D'IMAGES MOBILES ET SYSTEME ASSOCIE
- (71) **KABUSHIKI KAISHA OFFICE NOA** [JP/JP]; 15-4, Kamiogi 1-chome, Suginami-ku, Tokyo 167-0043 (JP).
- (72) **KAJIKI, Noriko**; 5-31-5, Sendagi, Bunkyo-ku, Tokyo 113-0022 (JP). **TANABE, Satoshi**; 1-20-9, Higashi-machi, Koganei-shi, Tokyo 184-0011 (JP).
- (74) **KANZAKI, Masahiro**; Akasaka-Hikota Bldg. 4F, 8-16, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) AT CH DE DK ES FI GB LU PT SE TR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ **H04N 9/24**
- (11) **WO 03/039164** (13) A1
- (21) PCT/IB02/04501
- (22) **25 Oct/oct 2002 (25.10.2002)**
- (25) en (26) en
- (30) 01204129.9 **29 Oct/oct 2001 (29.10.2001)** EP
- (30) 02077462.6 **21 Jun/juin 2002 (21.06.2002)** EP
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PICTURE DISPLAY DEVICE OF THE INDEX TYPE
- DISPOSITIF D'AFFICHAGE D'IMAGE DE TYPE INDEX
- (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) **WILLEMSEN, Oscar, H.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN DEN BRINK, Hendrikus, B.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **DEGUELLE, Wilhelmus, H., G.**; 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04Q 3/52, H04L 12/56**
- (11) **WO 03/039165** (13) A1
- (21) PCT/DE01/04088
- (22) **29 Oct/oct 2001 (29.10.2001)**
- (25) de (26) de
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • PACKET-ORIENTED SWITCHING MATRIX FOR COMMUNICATION SYSTEMS
- MATRICE DE COMMUTATION ORIENTEE PAR PAQUETS POUR DES SYSTEMES DE COMMUNICATIONS
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HUBER, Siegfried** [DE/DE]; Ingolstaedter Str. 27, 85084 Reichertshofen (DE). **STEINHAUSER, Karl-August** [DE/DE]; Klobensteiner Str. 32, 81545 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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **H04Q 7/20**
- (11) **WO 03/039166** (13) A1
- (21) PCT/US02/33689
- (22) **22 Oct/oct 2002 (22.10.2002)**
- (25) en (26) en
- (30) 10/055,194 **29 Oct/oct 2001 (29.10.2001)** US
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND COMMUNICATION NETWORK FOR PROVIDING OPERATING INFORMATION ASSOCIATED WITH A WIRELESS DEVICE
- PROCEDE ET RESEAU DE COMMUNICATION DESTINES A FOURNIR DES INFORMATIONS D'UTILISATION ASSOCIEES A UN DISPOSITIF SANS FIL
- (71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **PHILLIPS, Garland**; 2506 Winding Hollow Lane, Arlington, TX 76006 (US). **THOMSEN, Soeren, H.**; 6549 Glenview Drive 1323, N. Richland Hills, TX 76180 (US). **MOWRY, Kevin, C.**; 9703 Windy Hollow Drive, Irving, TX 75063 (US).
- (74) **WATANABE, Hisashi, David et al.** / etc.; 600 North US Highway 45, AN475, Libertyville, IL 60048 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (a)
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- (51)⁷ **H04Q 7/22, H04L 12/18**
- (11) **WO 03/039167** (13) A1
- (21) PCT/DE01/04037
- (22) **19 Oct/oct 2001 (19.10.2001)**
- (25) de (26) de
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • METHOD AND MOBILE COMMUNICATION NETWORK FOR PROVIDING MULTICAST AND/OR BROADCASTING SERVICES
- PROCEDE ET RESEAU DE COMMUNICATION MOBILE POUR LA MISE A DISPOSITION DE SERVICES MULTIDESTINATIONS ET/OU DE DIFFUSION
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MADMANN, Frank** [DE/DE]; Vine-
tastrasse 49A, 13189 Berlin (DE).

- (74) SIEMENS AKTIENGESELLSCHAFT; Wittelsbacherplatz 2, 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 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) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H04Q 7/22

(11) WO 03/039168 (13) A2

(21) PCT/FR02/03722

(22) 29 Oct/oct 2002 (29.10.2002)

(25) fr (26) fr

(30) 01/14166 31 Oct/oct 2001 FR (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

- (54) • ENHANCED MESSAGE SERVICE COMPRISING IDENTIFIER AND REUSE INFORMATION ELEMENTS
- SERVICE DE MESSAGERIE AVANCEE COMPRENANT DES ELEMENTS D'INFORMATION D'IDENTIFIANT ET DE REUTILISATION

(71) ALCATEL [FR/FR]; 54, rue La Boétie, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LE BODIC, Gwenaél [FR/FR]; 86, boulevard Richard Wallace, F-92800 Puteaux (FR). LANGUILLE, Hervé [FR/FR]; 6 domaine de Château Gaillard, F-94700 Maisons Alfort (FR).

(74) KHAIRALLAH, Murielle et al. / etc.; Compagnie Financière Alcatel, DPI, 5, rue Noël Pons, F-92734 Nanterre Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 H04Q 7/22, H04M 1/725, H04Q 7/32, H04M 1/2745

(11) WO 03/039169 (13) A1

(21) PCT/GB02/04995

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(30) 0126464.7 2 Nov/nov 2001 GB (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR TEXT MESSAGING

• PROCEDE ET APPAREIL DE PRODUCTION DE MESSAGES TEXTE

(71) SUPERSCAPE PLC [GB/GB]; Cromwell House, Bartley Wood Business Park, Hook, Hampshire RG27 9XA (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEARDOW, Paul, Rowland [GB/GB]; 19 Runnymede Road, Egham, Surrey TW20 9BE (GB).

(74) PARABOLA; 1 Richfield Place, Richfield Avenue, Reading, Berkshire RG1 8EQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04Q 7/22, H04L 12/56, 29/06

(11) WO 03/039170 (13) A1

(21) PCT/IB02/04493

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/336,426 30 Oct/oct 2001 US (30.10.2001)

(30) 10/173,484 17 Jun/juin 2002 US (17.06.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • GENERAL PACKET RADIO SERVICE (GPRS) TUNNELING PROTOCOL (GTP) SIGNALLING MESSAGE FILTERING

• FILTRAGE DE MESSAGES DE SIGNALISATION DE PROTOCOLE DE TUNNELISATION (GTP) DU SERVICE GENERAL DE RADIOCOMMUNICATION EN MODE PAQUET (GPRS)

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; Telefonplan, S-126 25 Stockholm (SE).

(72) KAVANAGH, Alan; 2557 Mocking Bird Hill Road, Walnut Creek, CA 94596 (US).

(74) BURLEIGH, Roger, S. et al. / etc.; Ericsson Inc., 6300 Legacy, MS EVW 2-C-2, Plano, TX 75024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ H04Q 7/22

(11) WO 03/039171 (13) A1

(21) PCT/SE02/01965

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 60/335,682 31 Oct/oct 2001 US (31.10.2001)

(30) 10/273,821 17 Oct/oct 2002 US (17.10.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD AND APPARATUS FOR AUTO-CONFIGURATION FOR OPTIMUM MULTIMEDIA PERFORMANCE

• PROCEDE ET APPAREIL D'AUTO-CONFIGURATION POUR UNE PERFORMANCE MULTIMEDIA OPTIMALE

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) [SE/SE]; S-126 25 Stockholm (SE).

(72) HÖLLER, Lars; Kungstensgatan 62, S-113 29 Stockholm (SE). LANDFELDT, Björn; 23 Mayman Row, Menai, New South Wales 2234 (AU).

(74) Kajsas, Boestad et al.; Ericsson AB, Patent Unit Internet Applications, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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, H04M 1/00, 3/00, 3/42

(11) WO 03/039172 (13) A1

(21) PCT/SE02/01986

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 0103651-6 2 Nov/nov 2001 SE (02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PROCEDURE AND SYSTEM FOR CREATION OF INFORMATION

• PROCEDURE ET SYSTEME POUR CREER DES INFORMATIONS

(71) TELIA AB (PUBL) [SE/SE]; Märbackagatan 11, S-123 86 Farsta (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GROTH, Henrik [SE/SE]; Tegnergatan 55, u1, 1tr, S-111 61 Stockholm (SE). CARLSSON, Peter [SE/SE]; Arbetargatan 28 B, S-112 45 Stockholm (SE).

(74) SVENSSON, Peder; Telia Research AB, Vitsändsgatan 9, S-123 86 Farsta (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) H04Q 7/28

(11) WO 03/039173 (13) A1

(21) PCT/FI02/00846

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 09/985,169 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • A METHOD FOR CREATING A DYNAMIC TALK GROUP

• PROCEDE DE CREATION DE GROUPE DYNAMIQUE DE CONVERSATION

(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) TÖYRYLÄ, Hannu [FI/FI]; Vermonrinne 13 G 13, FIN-00370 Helsinki (FI). VIMPARI, Markku [FI/FI]; Kummelitie 9, FIN-90520 Oulu (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O.Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG

SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04Q 7/30

(11) WO 03/039174 (13) A1

(21) PCT/US02/33760

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 10/011,666 29 Oct/oct 2001 US (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • 2 DIFFERENT CARRIER PROTOCOLS AT RADIO BASE STATION NODES FOR RESPECTIVELY DATA COMMUNICATION TO A MOBILE SWITCHING CENTER AND OTHER RADIO BASE STATION NODES

• 2 DIFFERENTS PROTOCOLES MULTIPLEX DE NOEUDS DE STATION DE BASE RADIO POUR LA COMMUNICATION DE DONNEES RESPECTIVEMENT A UN CENTRE DE COMMUNICATION MOBILE ET A D'AUTRES NOEUDS DE STATION DE BASE RADIO

(71) ERICSSON, INC. [US/US]; 511 Davis Drive, Research Triangle Park, NC 27709 (US).

(72) WILCOX, John; 101 Leacroft Way, Morrisville, NC 27560 (US). SHEPHERD, Johnny; 6503 Schley Road, Hillsborough, NC 27278 (US). REPICE, Joseph; 111 Milley Brook Ct., Apex, NC 27502 (US).

(74) MYERS, BIGEL, SIBLEY & SAJOVEC; P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 H04Q 7/32

(11) WO 03/039175 (13) A1

(21) PCT/DE01/03951

(22) 16 Oct/oct 2001 (16.10.2001)

(25) de (26) de

(43) 8 May/mai 2003 (08.05.2003)

(54) • RECONFIGURATION METHOD FOR MOBILE COMMUNICATION DEVICES

• PROCEDE DE RECONFIGURATION D'APPAREILS DE COMMUNICATION MOBILES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BITTERLICH, Jean-Yves [DE/DE]; Pariserstrasse 31, 81667 Muenchen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AU BR CA CN IN JP KR RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H04Q 7/32

(11) WO 03/039176 (13) A1

(21) PCT/EP02/11907

(22) 24 Oct/oct 2002 (24.10.2002)

(25) en (26) en

(30) 09/984,608 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TRANSFER OF PERSONALISATION ITEMS BETWEEN COMMUNICATION TERMINALS

• TRANSFERT D'ARTICLES DE PERSONNALISATION ENTRE DES TERMINAUX 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) KRAFT, Christian [DK/DK]; Mandholmen 4, Dk-2650 Hvidovre (DK). VIRTANEN, Keijo [FI/FI]; Vastarannankatu 12 E23, FIN-33610 Tampere (FI). KHADJENOORI, Toraj [DK/DK]; Jydeholmen 22, st. th., DK-2720 Vanløse (DK).

(74) VAN WALSTIJN, Gerard, G., B.; Walstijn Intellectual Property ApS, Parkovsvej 3, DK-2820 Gentofte (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/32

(11) WO 03/039177 (13) A1

(21) PCT/IB02/03800

(22) 13 Sep/sep 2002 (13.09.2002)

(25) en (26) en

(30) 09/984,824 31 Oct/oct 2001 US (31.10.2001)

(71) **SWISSCOM MOBILE AG** [CH/CH]; CH-3050 BERN (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAGADEC, Roger** [CH/CH]; Rosenstrasse 12, CH-Regensdorf 8105 (CH).
LAUPER, Eric [CH/CH]; Schützenweg 12, CH-3014 Bern (CH).

(74) **SAAM, Christophe**; Patents & Technology Surveys SA, Faubourg du Lac 2, Case postale 2848, CH-2001 Neuchâtel (CH).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/38

(11) WO 03/039183 (13) A1

(21) PCT/DK02/00725

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) PA 2001 01624 1 Nov/nov 2001 DK (01.11.2001)

(30) US 60/330,843 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR DIVIDING A PHYSICAL DOMAIN

• PROCEDES, SYSTEMES ET PRODUITS-PROGRAMMES INFORMATIQUES UTILES POUR DIVISER UN DOMAINE PHYSIQUE

(71) **UNWIREFACTORY A/S** [DK/DK]; c/o Symbion Science Park, Fruebjergvej 3, DK-2100 København Ø (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOTTFREDSSEN, Jens** [DK/DK]; Rudolph Berghs Gade 19, DK-2100 København Ø (DK).

(74) **AWAPATENT A/S**; Tegholm Allé 13, DK-2450 København SV (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ H04Q 7/38

(11) WO 03/039184 (13) A1

(21) PCT/FR02/03556

(22) 17 Oct/oct 2002 (17.10.2002)

(25) fr (26) fr

(30) 01/13964 29 Oct/oct 2001 FR (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF CONTROLLING RADIO RESOURCES ALLOCATED TO A MOBILE TERMINAL IN A CELLULAR SYSTEM

• PROCEDE DE CONTRÔLE DE RESOURCES RADIO AFFECTEES A UN TERMINAL MOBILE DANS UN SYSTEME CELLULAIRE

(71) **NORTEL NETWORKS LIMITED** [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Québec H4S 2A9 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LESCUYER, Pierre** [FR/FR]; 31, rue de la Soudrerie, F-78180 Montigny le Bretonneux (FR).

(74) **LOISEL, Bertrand et al.** / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04Q 7/38, H04L 12/56

(11) WO 03/039185 (13) A1

(21) PCT/IB02/04526

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 0126129.6 31 Oct/oct 2001 GB (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • IP MULTIMEDIA FUNCTIONALITY IDENTIFICATION

• IDENTIFICATION DE FONCTIONNALITE MULTIMEDIA IP

(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) **HULKONEN, Tony** [FI/FI]; Varitahntaankatu 2 C 78, FIN-01300 Vantaa (FI).
RAJANIEMI, Jaakko [FI/FI]; Lapinrinne 2 A 11, FIN-00180 Helsinki (FI).
SIVANANDAN, Mohan [FI/US]; 1206 Hidden Ridge, Apt. No 2024, Irving, TX 75038 (US).
TUOHINO, Markku [FI/FI]; Koivusyrja 25F, FIN-02130 Espoo (FI).

(74) **WILLIAMS, 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/38

(11) WO 03/039186 (13) A1

(21) PCT/IT01/00519

(22) 12 Oct/oct 2001 (12.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR RETAINING SUBSCRIBER DATA CONTAINED IN MSC/VLR AFTER SYSTEM RESTART

• PROCEDE DE CONSERVATION DE DONNEES D'ABONNES CONTENUES DANS UN MSC/VLR APRES UN REDEMARRAGE SYSTEME

(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) **QUARANTA, Isidoro** [IT/IT]; Via Villanova, Lotto 1, I-84014 Nocera Inferiore (IT).

(74) **VATTI, Paolo et al.** / etc.; Fumero Studio Consulenza Brevetti S.n.c., Via S. Agnese, 12, 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/38

(11) WO 03/039187 (13) A1

(21) PCT/IT01/00520

(22) 12 Oct/oct 2001 (12.10.2001)

(25) en (26) en

(43) 8 May/mai 2003 (08.05.2003)

(54) • SYSTEM FOR PROVIDING INFORMATION ABOUT THE LOCATION OF MOBILE USERS SUBSCRIBING TO A NETWORK AND ROAMING IN A DIFFERENT NETWORK NOT SUPPORTING THE SAME POSITIONING METHOD

• SYSTEME DE FOURNITURE D'INFORMATIONS PERMETTANT DE LOCALISER DES UTILISATEURS DU TELEPHONE CELLULAIRE ABONNES A UN RESEAU ET EN ITINERANCE DANS UN RESEAU DIFFERENT N'UTILISANT PAS LE MEME PROTOCOLE DE LOCALISATION

(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) DE LUCA, Enrico [IT/IT]; Parco La Speranzas (scala U), I-81020 S. Nicola la Strada (IT). PAPANIMITRIU, Dimitris [GR/GR]; Via delle Acacie, 7, I-84100 Salerno (IT).

(74) VATTI, Paolo et al. / etc.; Fumero Studio Consulenza Brevetti S.n.c., Via S. Agnese, 12, 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 NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/38

(11) WO 03/039188 (13) A1

(21) PCT/US02/34806

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/001,616 30 Oct/oct 2001 US (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SCHEDULING ACQUISITION ATTEMPTS OF SERVICE PROVIDING SYSTEMS

• SYSTEMES FOURNISSEURS DE SERVICES : PROCESSUS DE TENTATIVE D'ACQUISITION

(71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) COOPER, Rotem; 5795 Mosswood Cove, San Diego, CA 92130 (US).

(74) WADSWORTH, Philip R. et al. / etc.; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H04R 1/00, 1/02, H04M 1/03, A42B 1/24, 3/30

(11) WO 03/039189 (13) A1

(21) PCT/JP02/11220

(22) 29 Oct/oct 2002 (29.10.2002)

(25) ja (26) ja

(30) 2001-331870 30 Oct/oct 2001 JP (30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • TRANSMITTER/RECEIVER WORN ON STRAP OF MASK OR CAP

• EMETTEUR/RECEPTEUR PLACE SUR LA SANGLE D'UN MASQUE OU D'UN CASQUE

(71) TEMCO JAPAN CO., LTD. [JP/JP]; 12-26, Hounan 2-chome, Suginami-ku, Tokyo 168-0062 (JP).

(72) FUKUDA, Mikio; c/o TEMCO JAPAN CO., LTD., 12-26, Hounan 2-chome, Suginami-ku, Tokyo 168-0062 (JP). ATSUMI, Tomoya; c/o TEMCO JAPAN CO., LTD., 12-26, Hounan 2-chome, Suginami-ku, Tokyo 168-0062 (JP).

(74) SAITOH, Haruo; 11-6, Kyobashi 2-chome, Chuo-ku, Tokyo 104-0031 (JP).

(81) AU CA CN KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H04R 1/10

(11) WO 03/039190 (13) A1

(21) PCT/JP02/11392

(22) 31 Oct/oct 2002 (31.10.2002)

(25) ja (26) ja

(30) 2001-335502 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HEADPHONE

• CASQUE D'ECOUTE

(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) MUROZAKI, Katsunori [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). NAGENO, Koji [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) TSUNODA, Yoshisue et al. / etc.; Shinjuku Bldg., 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN KR PH US.

(51)⁷ H04R 1/10, 5/033, 1/08

(11) WO 03/039191 (13) A1

(21) PCT/US02/33799

(22) 21 Oct/oct 2002 (21.10.2002)

(25) en (26) en

(30) 60/343,683 26 Oct/oct 2001 US (26.10.2001)

(30) 60/342,606 21 Dec/déc 2001 US (21.12.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HANDS-FREE MICROPHONE AND SPEAKER PHONE ACCESSORY

• MICROPHONE ET ACCESSOIRES BLOC MICRO/HAUT-PARLEUR MAINS LIBRES

(71) MATECH, INC. [US/US]; 4970 SW Landing Drive #204, Portland, OR 97201 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MASUDA, Masahisa [JP/US]; 6533 Failing Street, West Linn, OR 97068 (US). HATORI, Terry [JP/US]; 4200 SW 107th Avenue #1604, Beaverton, OR 97005 (US).

(74) FORD, Stephen, S.; 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 NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H04R 9/04, 9/06

(11) WO 03/039192 (13) A1

(21) PCT/GB02/04927

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 0126285.6 1 Nov/nov 2001 GB (01.11.2001)

- (43) 8 May/mai 2003 (08.05.2003)
- (54) • IMPROVED MOVING COIL TRANSDUCER
• TRANSDUCTEUR A BOBINE MOBILE AMELIORE
- (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) BAILEY, Paul, Brian [GB/GB]; Department of Engineering Science, University of Oxford, Parks Road, Oxford OX1 3PJ (GB).
- (74) NICHOLLS, Michael, John et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H05B 3/06, 1/00, 3/02, 3/16, 3/10, B23K 9/00, H01C 1/012, B32B 19/00, B60L 1/02
- (11) WO 03/039193 (13) A1
- (21) PCT/US02/32705
- (22) 15 Oct/oct 2002 (15.10.2002)
- (25) en (26) en
- (30) 60/339,409 26 Oct/oct 2001 US (26.10.2001)
- (30) 60/369,962 4 Apr/avr 2002 US (04.04.2002)
- (30) 10/256,391 27 Sep/sep 2002 US (27.09.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • ELECTRICALLY CONDUCTIVE HEATED GLASS PANEL ASSEMBLY, CONTROL SYSTEM, AND METHOD FOR PRODUCING PANELS
• ENSEMBLE PANNEAU DE VERRE CHAUFFANT ET CONDUCTEUR, SYSTEME DE COMMANDE ET PROCEDE DE PRODUCTION DE PANNEAUX
- (71) ENGINEERED GLASS PRODUCTS, LLC [US/US]; 2857 South Halsted Street, Chicago, IL 60608 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GERHARDINGER, Peter, F. [US/US]; 2979 Manley Road, Maumee, OH 43537 (US). BAUMAN, Randall, L. [US/US]; 22726 W. Toledo Street, Curtice, OH 43412 (US). ASHTON, Dillon, R. [US/US]; 106 Main Street, P.O. Box 922, Luckey, OH 43443 (US).
- (74) EVANS, Stephen, P. et al. / etc.; Marshall & Melhorn, LLC, Four SeaGate, 8th floor, Toledo, OH 43604 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*
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- (51)⁷ H05B 6/00
- (11) WO 03/039194 (13) A2
- (21) PCT/GB02/04728
- (22) 18 Oct/oct 2002 (18.10.2002)
- (25) en (26) en
- (30) 0125888.8 27 Oct/oct 2001 GB (27.10.2001)
- (30) 0206720.5 22 Mar/mar 2002 GB (22.03.2002)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • WATER HEATER
• CHAUFFE-EAU
- (71) MICRO HEAT 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 Micro Heat Limited, Technium, Kings Road, Swansea SA1 8PH (GB).
- (74) STRACHAN, Victoria, Jane; Urquhart-Dykes & Lord, Alexandra House, 1 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 SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK 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 6/14, G03G 15/20
- (11) WO 03/039196 (13) A1
- (21) PCT/JP02/11327
- (22) 31 Oct/oct 2002 (31.10.2002)
- (25) ja (26) ja
- (30) 2001/336321 1 Nov/nov 2001 JP (01.11.2001)
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • MAGNETIC INDUCTION EXOTHERMIC ROLLER AND METHOD OF PRODUCING THE SAME, AND HEATING DEVICE AND IMAGE FORMING DEVICE
• ROULEAU EXOTHERMIQUE A INDUCTION MAGNETIQUE ET PROCEDE DE FABRICATION CORRESPONDANT, ET DISPOSITIF DE CHAUFFAGE ET DISPOSITIF DE FORMATION D'IMAGES
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006-banchi,

Oaza-Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KATAKABE, Noboru [JP/JP]; 2-6-29, Myoujou-cho, Uji-shi, Kyoto 611-0014 (JP). IMAI, Masaru [JP/JP]; 53-4, Nasuzukuri 4-chome, Hirakata-shi, Osaka 573-0071 (JP). FUJIMOTO, Keisuke [JP/JP]; 11-8, Kitakuzuha-cho, Hirakata-shi, Osaka 573-1102 (JP).

(74) IKEUCHI SATO & PARTNER PATENT ATTORNEYS; 26th Floor, OAP TOWER, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 530-6026 (JP).

(81) CN JP 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 H05B 6/14, G03G 15/20

(11) WO 03/039197 (13) A1

(21) PCT/JP02/11328

(22) 31 Oct/oct 2002 (31.10.2002)

(25) ja (26) ja

(30) 2001-336321 1 Nov/nov 2001 JP (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • ELECTROMAGNETIC INDUCED HEATING ROLLER, HEATING APPARATUS, AND IMAGE FORMING APPARATUS

• ROULEAU CHAUFFANT A INDUCTION ELECTROMAGNETIQUE, DISPOSITIF DE CHAUFFAGE ET DISPOSITIF DE FORMATION D'IMAGES

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006-banchi, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KATAKABE, Noboru [JP/JP]; 2-6-29, Myoujou-cho, Uji-shi, Kyoto 611-0014 (JP). IMAI, Masaru [JP/JP]; 53-4, Nasuzukuri 4-chome, Hirakata-shi, Osaka 573-0071 (JP). FUJIMOTO, Keisuke [JP/JP]; 11-8, Kitakuzuha-cho, Hirakata-shi, Osaka 573-1102 (JP).

(74) IKEUCHI SATO & PARTNER PATENT ATTORNEYS; 26th Floor, OAP TOWER, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 530-6026 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ H05B 6/14, G03G 15/20

(11) WO 03/039198 (13) A1

(21) PCT/JP02/11330

(22) 31 Oct/oct 2002 (31.10.2002)

(25) ja (26) ja

(30) 2001-336321 1 Nov/nov 2001 JP (01.11.2001)

(30) 2001-349188 14 Nov/nov 2001 JP (14.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HEATING ROLLER, IMAGE HEATING APPARATUS, AND IMAGE FORMING APPARATUS.

• ROULEAU CHAUFFANT, APPAREIL DE CHAUFFAGE D'IMAGES ET APPAREIL DE FORMATION D'IMAGES

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006-banchi, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IMAI, Masaru [JP/JP]; 53-4, Nasuzukuri 4-chome, Hirakata-shi, Osaka 573-0071 (JP). NAKANO, Masaaki [JP/JP]; 18-21, Nakanoshinmachi, Shijonawate-shi, Osaka 575-0054 (JP). WATANABE, Syuuiti [JP/JP]; 10-5, Hashimotokosho, Yawata-shi, Kyoto 614-8323 (JP). FUJIMOTO, Keisuke [JP/JP]; 11-8, Kitakuzuha-cho, Hirakata-shi, Osaka 573-1102 (JP). INOUE, Masaomi [JP/JP]; 4-21-35, Tsutsujigaoka, Onojo-shi, Fukuoka 816-0962 (JP). KATAKABE, Noboru [JP/JP]; 2-6-29, Myoujou-cho, Uji-shi, Kyoto 611-0014 (JP).

(74) IKEUCHI SATO & PARTNER PATENT ATTORNEYS; 26th Floor, OAP TOWER, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 530-6026 (JP).

(81) CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

(51)⁷ H05B 6/68

(11) WO 03/039199 (13) A1

(21) PCT/US02/34741

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 10/000,784 1 Nov/nov 2001 US (01.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • INTELLIGENT MICROWAVE OVEN APPLIANCE

• APPAREIL DE FOUR A MICRO-ONDES INTELLIGENT

(71) SALTON, INC. [US/US]; 1955 W. Field Court, Lake Forest, IL 60045 (US).

(72) WILLIAMSON, Charles, G.; 1027 Hickory Hill Drive, Columbia, MO 65202 (US).

(74) SIGALE, Jordan, A. et al. / etc.; Sonnenschein Nath & Rosenthal, P.O. Box 061080, Wacker Drive Station, Sears Tower, Chicago, IL 60606-1080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 H05B 6/80

(11) WO 03/039200 (13) A1

(21) PCT/JP02/11399

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 2001-333999 31 Oct/oct 2001 JP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HIGH-FREQUENCY HEATING APPARATUS

• APPAREIL DE CHAUFFAGE HAUTE FREQUENCE

(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) MITSUMOTO, Yoshio [JP/JP]; 1160-24, Toichicho., Kashihara-shi, Nara 634-0008 (JP). YAMAGUCHI, Takahide [JP/JP]; 90-1-29, Asahigaoka, 103-1, Ousaka, Kashiba-shi, Nara 639-0251 (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 KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE NL PT SE SK TR).

(51)⁶ H05B 6/80, B65D 85/34, 65/28, 33/02

(11) WO 03/039201 (13) A1

(21) PCT/US02/34589

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/037,424 29 Oct/oct 2001 US (29.10.2001)

(30) 10/190,210 3 Jul/juil 2002 US (03.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • HAND-HELD FOOD PACKAGE

• EMBALLAGE MICRO-ONDES POUVANT ETRE TENU DANS LA MAIN

(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) WHITMORE, Shana [US/US]; 740 13th Street, Apt. 24, Manhattan Beach, CA 90266 (US). DECELLES, Stuart [US/US]; 1653 Danbrook Place, Upland, CA 91784 (US). DIDO, Jeannette [US/US]; 210 11th Street, Hoboken, NJ 07030 (US). WILCOCKS, Neil, A. [US/US]; 7 Cathy Lane, Flanders, NJ 07836 (US). CHISHOLM, Gary, N. [US/US]; 2447 Colt Road, Rancho Palos Verdes, CA 90275 (US).

(74) ACOSTA, Melissa, W. et al. / etc.; Fulbright & Jaworski, L.L.P., 1301 McKinney, Suite 5100, Houston, TX 77010 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 H05B 6/80, B65D 85/00, B32B 3/00

(11) WO 03/039202 (13) A1

(21) PCT/US02/34637

(22) 29 Oct/oct 2002 (29.10.2002)

(25) en (26) en

(30) 10/037,424 29 Oct/oct 2001 US (29.10.2001)

(30) 10/189,137 3 Jul/juil 2002 US (03.07.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SEMI-RIGID HAND-HELD FOOD PACKAGE

• EMBALLAGE ALIMENTAIRE PORTATIF, SEMI-RIGIDE

(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) CHISHOLM, Gary, N. [US/US]; 2447 Colt Road, Rancho Palos Verdes, CA 90275 (US). WHITMORE, Shana [US/US]; 740 13th Street, Apt. 24, Manhattan Beach, CA 90266 (US).

(74) ACOSTA, Melissa, W.; Fulbright & Jaworski, L.L.P., 1301 McKinney, Suite 5100, Houston, TX 77010-3095 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 H05B 33/04, 33/12, 33/14, G09F 9/30

(11) WO 03/039203 (13) A1

(21) PCT/JP02/04611

(22) 13 May/mai 2002 (13.05.2002)

(25) ja (26) ja

(30) 2001-336772 1 Nov/nov 2001 JP (01.11.2001)

(30) 2002-59040 5 Mar/mar 2002 JP (05.03.2002)

(43) 8 May/mai 2003 (08.05.2003)

(54) • DISPLAY

• ECRAN

(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) IWASE, Yuichi [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KIJIMA, Yasunori [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). YAMADA, Jiro [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) FUJISHIMA, Youichiro; 2F, Oodai Building, 9-5, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) CN KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H05B 41/00

(11) WO 03/039204 (13) A1

(21) PCT/DE02/03928

(22) 15 Oct/oct 2002 (15.10.2002)

(25) de (26) de

(30) 101 53 123.0 27 Oct/oct 2001 DE (27.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • EVG UNITS WHICH MAY BE WIRED IN PARALLEL DUE TO LAMP TYPE

• BALLASTES ELECTRONIQUES QUI PEUVENT ETRE CONNECTES EN PARALLELE EN FONCTION DU TYPE DE LAMPE

(71) B & S ELEKTRONISCHE GERÄTE GMBH [DE/DE]; Aussigstrasse 5a, 38114 Braunschweig (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRAUCKMANN, Wilfried [DE/DE]; Ostpreussenstrasse 11, 38176 Wendeburg (DE). KLIPSTEIN, Ulrich [DE/DE]; Dreivorlinge 20, 38176 Wendeburg (DE).

(74) LINS, Edgar; Gramm, Lins & Partner GbR, Theodor-Heuss-Strasse 1, 38122 Braunschweig (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR)

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H05B 41/00

(11) WO 03/039205 (13) A1

(21) PCT/IB02/04361

(22) 18 Oct/oct 2002 (18.10.2002)

(25) en (26) en

(30) 01204131.5 29 Oct/oct 2001 EP (29.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BALLASTING CIRCUIT

• CIRCUIT DE BALLAST

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) VAN DER VEEN, Geert, W.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). AENDEKERK, Everaard, M., J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) BOSMA, Rudolphus, H., A.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H05B 41/00

(11) WO 03/039206 (13) A1

(21) PCT/IB02/04416

(22) 22 Oct/oct 2002 (22.10.2002)

(25) en (26) en

(30) 01204178.6 31 Oct/oct 2001 EP (31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • BALLASTING CIRCUIT

• CIRCUIT DE PROTECTION

(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) LANGESLAG, Wilhelmus, H., M. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DUSSELDORP, Jan, C.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H05B 41/24

(11) WO 03/039207 (13) A1

(21) PCT/JP02/11260

- (22) **30 Oct/oct 2002 (30.10.2002)**
 (25) ja (26) ja
 (30) 2001-336434 **1 Nov/nov 2001 JP (01.11.2001)**
 (30) 2001-351886 **16 Nov/nov 2001 JP (16.11.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • DISCHARGING LAMP APPARATUS
 • APPAREIL A LAMPE A DECHARGE
 (71) HARISON TOSHIBA LIGHTING CORPORATION [JP/JP]; 2-1, Asahimachi 5-chome, Imabari-shi, Ehime 794-0042 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) ABE, Eiji [JP/JP]; 3-6-14, Kita Hiyoshi-cho, Imabari-shi, Ehime 794-0054 (JP). SIBA, Toshiaki [JP/JP]; 2135-9, Iioka, Saijo-shi, Ehime 793-0010 (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) CN KR US.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

- (51)⁷ H05B 41/24
 (11) WO 03/039208 (13) A1
 (21) PCT/JP02/11298
 (22) **30 Oct/oct 2002 (30.10.2002)**
 (25) ja (26) ja
 (30) 2001-332259 **30 Oct/oct 2001 JP (30.10.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • DISCHARGE LAMP OPERATING APPARATUS
 • APPAREIL FONCTIONNANT AVEC UNE LAMPE A DECHARGE
 (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) OHKURA, Susumu [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).
 (74) MIYATA, Kaneo et al. / etc.; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).
 (81) JP US.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Published / Publiée : (c)

- (51)⁷ H05B 41/32, G03B 15/05, G01N 21/01
 (11) WO 03/039209 (13) A1
 (21) PCT/JP02/11300
 (22) **30 Oct/oct 2002 (30.10.2002)**
 (25) ja (26) ja
 (30) 2001-335395 **31 Oct/oct 2001 JP (31.10.2001)**

- (43) 8 May/mai 2003 (08.05.2003)
 (54) • FLASHING DISCHARGE TUBE-USE POWER SUPPLY CIRCUIT
 • CIRCUIT D'ALIMENTATION EN PUISSANCE D'UTILISATION POUR UN TUBE A DECHARGE FLASH
 (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) MAISHIMA, Mitsuyoshi [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, Okura-honkan, 6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05B 41/32, G03B 15/05, G01N 21/01

- (11) WO 03/039210 (13) A1
 (21) PCT/JP02/11302
 (22) **30 Oct/oct 2002 (30.10.2002)**
 (25) ja (26) ja
 (30) 2001-335398 **31 Oct/oct 2001 JP (31.10.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • FLASHING DISCHARGE TUBE-USE POWER SUPPLY AND CONTROL METHOD THEREFOR
 • ALIMENTATION EN ENERGIE D'UN TUBE A ARC A ECLAIRS ET PROCEDE DE COMMANDE
 (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) MAISHIMA, Mitsuyoshi [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, Okura-honkan, 6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05B 41/38

- (11) WO 03/039211 (13) A1
 (21) PCT/IB02/04405
 (22) **22 Oct/oct 2002 (22.10.2002)**
 (25) en (26) en
 (30) 01204177.8 **31 Oct/oct 2001 EP (31.10.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • CIRCUIT ARRANGEMENT
 • MONTAGE DE CIRCUIT
 (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) LANGESLAG, Wilhelmus, H., M. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 (74) DUSSELDORP, Jan, C.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU 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 H05G 1/00, A61B 6/04, 6/08

- (11) WO 03/039212 (13) A1
 (21) PCT/US02/34556
 (22) **28 Oct/oct 2002 (28.10.2002)**
 (25) en (26) en
 (30) 60/340,430 **30 Oct/oct 2001 US (30.10.2001)**
 (43) 8 May/mai 2003 (08.05.2003)
 (54) • METHOD AND DEVICE FOR DELIVERING RADIOTHERAPY
 • PROCEDE ET DISPOSITIF DE RADIOTHERAPIE
 (71) LOMA LINDA UNIVERSITY MEDICAL CENTER [US/US]; Carol S. Grande, Interim Director, 11234 Anderson Street, Loma Linda, CA 92354 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) MOYERS, Michael, F. [US/US]; 3017 Shadid Drive, Colton, CA 92324 (US).
 (74) FARAH, David, A., et al. / etc.; Sheldon & Mak, PC, 225 South Lake Avenue, 9th Floor, Pasadena, CA 91101 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT 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 H05G 1/00

(11) WO 03/039213

(13) A2

(21) PCT/US02/34999

(22) 31 Oct/oct 2002 (31.10.2002)

(25) en (26) en

(30) 60/334,865 31 Oct/oct 2001 US
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • 3D STEREO SCOPIC X-RAY SYSTEM
• SYSTEME A RAYONS X STEREO SCOPIC
PIQUE 3D

(71) VREX, INC. [US/US]; 85 Executive Boule-
vard, Elmsford, NY 10523 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SWIFT, David [US/US]; 3 Janet Lane,
Cortlandt Manor, NY 10566 (US). FARIS,
Sadeg, M. [US/US]; 24 Pocantico River
Road, Pleasantville, NY 10570 (US).

(74) BRILL, Gerow, D.; Reveo, Inc., 85 Execu-
tive Boulevard, Elmsford, NY 10523 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU 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 H05H 1/46, H01J 19/80, 7/46, 17/46

(11) WO 03/039214 (13) A1

(21) PCT/US02/34065

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 60/343,857 26 Oct/oct 2001 US
(26.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • IMPROVED MICROWAVE STRIPLINE
APPLICATORS
• APPLICATEURS HYPERFREQUENCE
STRIPLINE AMELIORES

(71) MICHIGAN STATE UNIVERSITY
[US/US]; 238 Administration Building,
East Lansing, MI 48824 (US).

(72) GROTHJOHN, Timothy, A.; 2311 Shawnee
Trail, Okemos, MI 48864 (US). AS-
MUSSEN, Jes; 3811 Viceroy, Okemos, MI
48864 (US). WIJAYA, Andy; 550 Memorial

Drive, Apt. 3B-3, Cambridge, MA 02139
(US).

(74) MCLEOD, Ian, C.; McLeod & Moyno, P.C.,
2190 Commons Parkway, Okemos, MI 48864
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H05H 1/54

(11) WO 03/039215 (13) A1

(21) PCT/EP02/12095

(22) 30 Oct/oct 2002 (30.10.2002)

(25) de (26) de

(30) 101 53 723.9 31 Oct/oct 2001 DE
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • PLASMA ACCELERATOR SYSTEM
• ENSEMBLE ACCELERATEUR DE
PLASMA

(71) THALES ELECTRON DEVICES GMBH
[DE/DE]; Söflinger Strasse 100, 89077 Ulm
(DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KORNFELD, Günter [DE/DE];
Junginger Strasse 93, 89275 Elchingen
(DE). COUSTOU, Gregory [FR/DE];
Frauenstrasse 56, 89071 Ulm (DE). EM-
SELLEM, Gregory [FR/FR]; 55 rue Jean
Roger Thorelle, F- Bourg la Reine (FR).

(74) WEBER, Gerhard; Rosengasse 13, 89073
Ulm (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05K 3/00, H04B 10/00, G01N 21/17

(11) WO 03/039216 (13) A1

(21) PCT/SE02/02008

(22) 4 Nov/nov 2002 (04.11.2002)

(25) en (26) en

(30) 0103680-5 2 Nov/nov 2001 SE
(02.11.2001)

(30) 60/330,880 2 Nov/nov 2001 US
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • CARRIER ARRANGEMENT FOR CARRY-
ING OPTICAL COMPONENTS AND
CONNECTING OPTICAL SIGNALS
AND METHOD OF MANUFACTUR-
ING THE SAME

• DISPOSITIF SUPPORT SERVANT DE
SUPPORT A DES COMPOSANTS OP-
TIQUES ET DE MOYEN DE COMMU-
TATION A DES SIGNAUX OPTIQUES
ET PROCEDE DE FABRICATION DE
CE DISPOSITIF

(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) BERGSTEDT, Leif [SE/SE]; Allmänna
vägen 6, S-518 40 Sjömarken (SE). LÖFV-
ING, Björn [SE/SE]; Skepparegangen 20,
S-413 18 Göteborg (SE).

(74) STRÖM & GULLIKSSON IP AB; Sjö-
porten 4, S-417 64 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05K 3/28

(11) WO 03/039217 (13) A1

(21) PCT/EP02/12096

(22) 30 Oct/oct 2002 (30.10.2002)

(25) de (26) de

(30) 101 54 017.5 2 Nov/nov 2001 DE
(02.11.2001)

(30) 101 54 021.3 2 Nov/nov 2001 DE
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR OPENING THE PLAS-
TIC HOUSING OF AN ELECTRONIC
MODULE

• PROCEDE POUR OUVRIR LE BOI-
TIER EN PLASTIQUE D'UN MODULE
ELECTRONIQUE

(71) ATMEL GERMANY GMBH [DE/DE];
Theresienstrasse 2, 74072 Heilbronn (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BURGER, Klaus [DE/DE]; Flachter
Strasse 38, 71278 Weissach (DE). MUTZ,
Dieter [DE/DE]; Leintalstrasse 59, 74078
Heilbronn (DE). ZIEGLER, Steffen
[DE/DE]; Holdergasse 2, 74189 Weins-
berg (DE).

(74) ATMEL GERMANY GMBH; Theresien-
strasse 2, 74072 Heilbronn (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

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(51)⁷ H05K 3/34

(11) WO 03/039218 (13) A1

(21) PCT/GB02/04892

(22) 25 Oct/oct 2002 (25.10.2002)

(25) en (26) en

(30) 0126404.3 2 Nov/nov 2001 GB
(02.11.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD OF FORMING A MASK ON SURFACE

• PROCEDE DE FORMATION D'UN MASQUE SUR UNE SURFACE

(71) JETMASK LIMITED [GB/GB]; 99 High Street, Broxbourne EN10 7BN (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STOUTE, Sheldon, Jai [GB/GB]; Patterning Technologies Limited, Fujifilm House, Boundary Way, Hemel Hempstead, Herts HP2 7RH (GB). SEAL, Michael, David [GB/GB]; Patterning Technologies Limited, Fujifilm House, Boundary Way, Hemel Hempstead, Herts HP2 7RH (GB). GARDNER, Ina, Andrew [GB/GB]; Patterning Technologies Limited, Fujifilm House, Boundary Way, Hemel Hempstead, Herts HP2 7RH (GB). FERGUSON, William, James [GB/GB]; Patterning Technologies Limited, Fujifilm House, Boundary Way, Hemel Hempstead, Herts HP2 7RH (GB). BRESLER, Eric [GB/GB]; Patterning Technologies Limited, Fujifilm House, Boundary Way, Hemel Hempstead, Herts HP2 7RH (GB).

(74) COZENS, Paul, Dennis et al. / etc.; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT 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 H05K 3/46, H01L 23/08, 23/12

(11) WO 03/039219 (13) A1

(21) PCT/JP02/11237

(22) 29 Oct/oct 2002 (29.10.2002)

(25) ja (26) ja

(30) 2001-334733 31 Oct/oct 2001 JP
(31.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • METHOD FOR MANUFACTURING MULTILAYER CIRCUIT BOARD FOR SEMICONDUCTOR DEVICE

• PROCEDE DE FABRICATION DE CARTE DE CIRCUITS IMPRIMES MULTICOUCHES POUR DISPOSITIF A SEMICONDUCTEUR

(71) SHINKO ELECTRIC INDUSTRIES CO., LTD. [JP/JP]; 711, Aza Shariden, Oaza Kurita, Nagano-shi, Nagano 380-0921 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAMURA, Jyunichi [JP/JP]; C/O SHINKO ELECTRIC INDUSTRIES CO., LTD., 711, Aza Shariden, Oaza Kurita, Nagano-shi, Nagano 380-0921 (JP). MATSUMOTO, Shunichiro [JP/JP]; C/O SHINKO ELECTRIC INDUSTRIES CO., LTD., 711, Aza Shariden, Oaza Kurita, Nagano-shi, Nagano 380-0921 (JP). KO-DAIRA, Tadashi [JP/JP]; C/O SHINKO ELECTRIC INDUSTRIES CO., LTD., 711, Aza Shariden, Oaza Kurita, Nagano-shi, Nagano 380-0921 (JP). ARATANI, Hironari [JP/JP]; C/O SHINKO ELECTRIC INDUSTRIES CO., LTD., 711, Aza Shariden, Oaza Kurita, Nagano-shi, Nagano 380-0921 (JP). TABUCHI, Takanori [JP/JP]; C/O SHINKO ELECTRIC INDUSTRIES CO., LTD., 711, Aza Shariden, Oaza Kurita, Nagano-shi, Nagano 380-0921 (JP). CHINO, Takeshi [JP/JP]; C/O SHINKO ELECTRIC INDUSTRIES CO., LTD., 711, Aza Shariden, Oaza Kurita, Nagano-shi, Nagano 380-0921 (JP). SHIMADA, Kiyotaka [JP/JP]; C/O SHINKO ELECTRIC INDUSTRIES CO., LTD., 711, Aza Shariden, Oaza Kurita, Nagano-shi, Nagano 380-0921 (JP).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) CN JP KR US.

(51)⁷ H05K 5/00

(11) WO 03/039220 (13) A1

(21) PCT/US02/34755

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/341,061 30 Oct/oct 2001 US
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • SIMPLIFIED POWER AND DATA CONNECTOR FOR USE WITH CHASSIS SYSTEM THAT HOUSE MULTIPLE PROCESSORS

• CONNECTEUR POUR TRANSMISSION DE DONNEES ET D'ALIMENTATION SIMPLIFIE PREVU POUR ETRE UTILISE AVEC UN SYSTEME DE CHASSIS QUI REÇOIT DE MULTIPLES PROCESSEURS

(71) EGENERA, INC. [US/US]; 165 Forest Street, Marlboro, MA 01752 (US).

(72) ROBILLARD, David; 125 Moody Heights, Moody ME 04054 (US). BUSBY, Dan; 1 Deborah Lane, Sterling, MA 01564 (US). DeRUNTZ, Otto; 20 Kimberly Lane, Dunstable, MA 01827 (US). HANEY, Richard; 3275 South Court, Palo Alto, CA 94306 (US). DEGERSTOM, Michael; 316 6th Street SW, Rochester, MN 55902 (US).

(74) CAVANAUGH, David, L. et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H05K 7/14

(11) WO 03/039221 (13) A1

(21) PCT/DE02/03919

(22) 16 Oct/oct 2002 (16.10.2002)

(25) de (26) de

(30) 101 52 348.3 24 Oct/oct 2001 DE
(24.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • AUTOMATIZATION DEVICE COMPRISING AN ELECTRICALLY CONTROLLED LABELING FIELD FOR DESIGNATING EXTERNAL CONNECTIONS

• APPAREIL D'AUTOMATISATION COMPRENANT UN CHAMP D'INSCRIPTIONS A COMMANDE ELECTRIQUE QUI PERMET D'IDENTIFIER DES CONNEXIONS EXTERNES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOCK, Günther [DE/DE]; Siedlerstrasse 46, 92245 Kümmerbruck (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

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Declarations / Déclarations :

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(11) WO 03/039222 (13) A1

(21) PCT/US02/34815

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(30) 60/340,916 30 Oct/oct 2001 US
(30.10.2001)

(43) 8 May/mai 2003 (08.05.2003)

(54) • LATCHING MECHANISM FOR SECURING A COMPUTER COMPONENT INTO A HOUSING

• MECANISME DE VERROUILLAGE PERMETTANT DE FIXER SOLIDEMENT UNE PIECE D'ORDINATEUR DANS UN BOITIER

(71) EGENERA, INC. [US/US]; 165 Forest Street, Marlboro, MA 01752 (US).

(72) BUSBY, Daniel; 1 Deborah Lane, Sterling, MA 01564 (US). PAWELKA, Gerhard; 7

- Oak Street, Lexington, MA 02421 (US). **MC-CAFFREY, Robert, J.**; 37 Windsor Road, Hillsboro, NH 03244 (US). **COLUCCI, Jose, Jr.**; 55 Harding Road, Lexington, MA 02420 (US).
- (74) **CAVANAUGH, David, L.** et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 01209 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **H05K 13/00, 3/30**
- (11) **WO 03/039223** (13) A1
- (21) PCT/DE02/03962
- (22) **21 Oct/oct 2002 (21.10.2002)**
- (25) de (26) de
- (30) 201 17 320.4 **23 Oct/oct 2001 DE (23.10.2001)**
- (43) 8 May/mai 2003 (08.05.2003)
- (54) • TRANSISTOR PIN GEOMETRIES THAT ARE SUITABLE FOR CONTACTING
- GEOMETRIES DE PATTES DE TRANSISTOR ADAPTEES A LA MISE EN CONTACT
- (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) **WEISS, Guenther [DE/DE]**; Blumenstr. 22, 71706 Markgroeningen (DE). **NUEBEL, Karl-Heinz [DE/DE]**; Jahnstrasse 2/1, 75397 Simmozheim (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- Published / Publiée : (c)