

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

- (51) Not classified / non classée
- (11) WO 02/076172 (13) A2
- (21) PCT/AT01/00242
- (22) 18 Jul/juil 2001 (18.07.2001)
- (25) de (26) de
- (30) GM 218/2001 23 Mar/mar 2001 AT (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • REAR-AXLE SUSPENSION FOR MOTOR VEHICLES INVOLVING THE USE OF LONGITUDINAL AND TRANSVERSE LINKS
- SUSPENSION DE PONT ARRIERE POUR AUTOMOBILES, OBTENUE A L'AIDE DE BRAS OSCILLANTS LONGITUDINAUX ET TRANSVERSAUX
- (71) STEYR-DAIMLER-PUCH FAHRZEUGTECHNIK AG & CO KG [AT/AT]; Liebenauer Hauptstrasse 317, A-8041 Graz (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KRÖPFL, Peter [AT/AT]; Hangweg 30, A-8071 Hausmannstätten (AT). SCHIMPL, Walter [AT/AT]; Banngrabenweg 169, A-8041 Graz (AT).
- (74) KOVAC, Werner; Magna Europa AG, 2. Haidequerstrasse 3, A-1111 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 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 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) Not classified / non classée
- (11) WO 02/076173 (13) A2
- (21) PCT/US02/11167
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) en (26) en
- (30) 60/277,790 21 Mar/mar 2001 US (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • INHIBITORS OF GLYCOSAMINOGLYCANS
- INHIBITEURS DE GLYCOSAMINOGLYCANES
- (71) THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 201 West 7th Street, Austin, TX 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKASHIMA, Akira [JP/US]; 946 Hummingbird, Coppell, TX 75019 (US). MUMMERT, Mark E. [US/US]; 4154 W. Pioneer Drive #1014, Dallas, TX 75061 (US).
- (74) BOZICEVIC, Karl; Bozicevic, Field & Francis LLP, 200 Middlefield Road, Suite 200, Menlo Park, CA 94025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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) Not classified / non classée
- (11) WO 02/076174 (13) A2
- (21) PCT/US02/03175
- (22) 22 Jan/jan 2002 (22.01.2002)
- (25) en (26) en
- (30) 60/263,169 22 Jan/jan 2001 US (22.01.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • FBH58295FL, A NOVEL HUMAN AMINO ACID TRANSPORTER AND USES THEREOF
- FBH58295FL, NOUVEAU TRANSPORTEUR D'ACIDE AMINE HUMAIN ET UTILISATIONS ASSOCIEES
- (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) CURTIS, Rory, A., J. [GB/US]; 31 Constitution Drive, Southborough, MA 01772 (US).
- (74) MANDRAGOURAS, Amy, E. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES
- 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 VN YU ZA ZM ZW.
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- (51) Not classified / non classée
- (11) WO 02/076175 (13) A2
- (21) PCT/US02/08515
- (22) 19 Mar/mar 2002 (19.03.2002)
- (25) en (26) en
- (30) 60/277,831 21 Mar/mar 2001 US (21.03.2001)
- (30) 10/098,832 13 Mar/mar 2002 US (13.03.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SYSTEM AND METHOD FOR PRINTING OVER NETWORKS VIA A PRINT SERVER
- SYSTEME ET PROCEDE D'IMPRESION SUR DES RESEAUX PAR L'INTERMEDIAIRE D'UN SERVEUR D'IMPRESSION
- (71) PEERLESS SYSTEMS CORPORATION [US/US]; 2381 Rosecrans Avenue, El Segundo, CA 90245 (US).
- (72) TREPTOW, Jay, A.; 22329 S.E. 244th Place, Maple Valley, WA 98038 (US). WONG, Gregory, H.; 17026 Casimir Avenue, Torrance, CA 90504 (US). HANSON, Gordon; 16613 S.E. 254th Place, Covington, WA 98042 (US). HANSON, Kevin; 16613 S.E. 254th Place, Covington, WA 98042 (US). HENDERSON, Kristofer, P.; 8720 18th Avenue N.W., Seattle, WA 98117 (US). LOHOLT, Michael; 17635 S.E. 304th Street, Kent, WA 98042 (US).
- (74) BURNETT, R., Alan; Blakeley, 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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES

FI FR GB GR IE IT LU MC NL PT SE 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 02/076176 (13) A2

(21) PCT/US02/08570

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/813,494 21 Mar/mar 2001 US
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MIXTURES CONTAINING 1,1,1,3,3-PENTAFLUOROPROPANE AND 1,1,1,3,3-PENTAFLUOROBUTANE

• MELANGES CONTENANT DU 1,1,1,3,3-PENTAFLUOROPROPANE ET DU 1,1,1,3,3-PENTAFLUOROBUTANE

(63) US 09/813,494 (CON)
21 Mar/mar 2001 (21.03.2001)

(71) HONEYWELL INTERNATIONAL, INC. [US/US]; 101 Columbia Road, Morristown, NJ 07962 (US).

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

(72, 75) BOGDAN, Mary, Charlotte [US/US]; 101 Electric Avenue, West Seneca, NY 14206 (US). WILLIAMS, David, John [US/US]; 6202 Shamrock Lane, East Amherst, NY 14051 (US). RIEGAL, Ronald [US/US]; 46 Electric Avenue, Buffalo, NY 14210 (US). BEMENT, Leslie, Bruce [US/US]; 66 Riverview Place, Buffalo, NY 14210 (US).

(74) SZUCH, Colleen, D. et al. / etc.; Honeywell International, Inc., 101 Columbia Road, Morristown, NJ 07962 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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) Not classified / non classée

(11) WO 02/076177 (13) A2

(21) PCT/US02/09287

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,097 23 Mar/mar 2001 US
(23.03.2001)

(30) 60/283,774 13 Apr/avr 2001 US
(13.04.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DESIGN AND SYNTHESIS OF OPTIMIZED LIGANDS FOR PPAR

• CONCEPTION ET SYNTHÈSE DE LIGANDS OPTIMISÉS POUR PPAR

(71) BETHESDA PHARMACEUTICALS, INC. [US/US]; 404 Windsor Park Drive, Bakersfield, CA 93311 (US).

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

(72, 75) PERSHADSINGH, Harrihar, Ajodhya [US/US]; 404 Windsor Park Drive, Bakersfield, CA 93311 (US). AVERY, Mitchell, Allen [US/US]; 303 Woodland Hills Drive, Oxford, MS38655 (US).

(74) JOHNSTON, Madeline, I. et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 A01C 1/00, A01G 1/00

(11) WO 02/076178 (13) A1

(21) PCT/US02/08797

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 60/278,873 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF CULTIVATING PIPER METHYSTICUM PLANTS

• PROCEDE DE CULTURE DE PIPER METHYSTICUM

(71) HAWAII KAVA COMPANY, LLC [US/US]; P.O. Box 7219, Naples, FL 34101 (US).

(72) GOW, Robert, T.; 13631 Pondview Circle, Naples, FL 34119 (US). PIERCE, John, A.; 22501 Sheffield Drive, Moreno Valley, CA 92557 (US). JULIAN, William; 15-3267 Hoopili Street, Paha, HI 96776 (US).

(74) FELLER, Mitchell, S.; Clifford Chance Rogers & Wells 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 CH CY DE DK ES FI FR GB GR IE 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 A01C 11/02

(11) WO 02/076179 (13) A1

(21) PCT/JP01/07872

(22) 10 Sep/sep 2001 (10.09.2001)

(25) ja (26) ja

(30) 2001-81926 22 Mar/mar 2001 JP
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RIDING RICE TRANSPLANTER

• REPIQUEUSE DE RIZ A SIEGE

(71) YANMAR AGRICULTURAL EQUIPMENT CO., LTD. [JP/JP]; 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530-8321 (JP).

(72) DOI, Kunio; Yanmar Agricultural Equipment Co., Ltd., 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530-8321 (JP).

(74) FUJIWARA, Tadaharu; Daisan-Daikyo-Building 451, 9-28, Nishishinsaibashi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0086 (JP).

(81) CN IN KR.

(51)⁷ A01D 34/62

(11) WO 02/076180 (13) A1

(21) PCT/GB02/01144

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 0107175.2 22 Mar/mar 2001 GB
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CHASSIS FOR GRASS TREATMENT MACHINE

• CHASSIS POUR MACHINE A COUPER L'HERBE

(71, 72) MICHEL, David [GB/GB]; Greentek, Manor Farm, Otley Road, Adel, Leeds LS16 7AL (GB).

(74) ORR, William, McLean; Urquhart Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 A01D 43/16, 34/44, 34/63 // 34/84, 101:00, 151:20

(11) WO 02/076181 (13) A1

(21) PCT/AU02/00344

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) PR 3928 23 Mar/mar 2001 AU
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPROVEMENTS IN MOWING/CUTTING EQUIPMENT

• AMELIORATIONS APPORTEES A UN EQUIPEMENT DE TONTE/COUPE

(71, 72) **PARKINSON, Ray** [AU/AU]; 269 Albert Street, Sebastopol, Victoria 3356 (AU).

(74) **WINCH, Jeffrey, Peter**; Callinan Lawrie, 711 High Street, Kew, Victoria 3101 (AU).

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

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

(51)⁷ **A01F 13/00**

(11) **WO 02/076182** (13) A2

(21) PCT/US02/09028

(22) **12 Mar/mar 2002 (12.03.2002)**

(25) en (26) en

(30) 09/815,139 **22 Mar/mar 2001 US (22.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FOLDED COMPACT TAMPON APPLICATOR
• APPLICATEUR DE TAMPON COMPACT REPLIE

(71) **MCNEIL-PPC, INC.** [US/US]; Grandview Road, Skillman, NJ 08558 (US).

(72) **HULL, Raymond, J.**; 408 Rick Road, Hampton, NJ 08827 (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 **A01F 15/07**

(11) **WO 02/076183** (13) A1

(21) PCT/IE02/00037

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

(25) en (26) en

(30) S20010286 **22 Mar/mar 2001 IE (22.03.2001)**

(30) S20010678 **19 Jul/juil 2001 IE (19.07.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A COMBINED BALER/BALE WRAPPER
• PRESSE A BALLESEN RUBANNEUSE COMBINEE

(71) **WELMOUNT LIMITED** [IE/IE]; Kilmaine, County Mayo (IE).

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

(72, 75) **MCHALE, Padraic, Christopher** [IE/IE]; Tumneenane, Clonbur, County Mayo (IE). **MCHALE, Martin, William** [IE/IE]; Kilmaine, County Mayo (IE). **HEANEY, James, John** [IE/IE]; Killeenrevagh, Hollymount, County Mayo (IE). **SHERIDAN, Gerard, Patrick** [IE/IE]; Tullyduff, Kilmaine, County Mayo (IE). **O'CONNOR, Patrick, Thomas** [IE/IE]; Tuam Road, Kilmaine, County Mayo (IE). **BIGGINS, John, Patrick** [IE/IE]; Cornfield, Hollymount, County Mayo (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **A01F 15/08**

(11) **WO 02/076184** (13) A1

(21) PCT/IE02/00036

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

(25) en (26) en

(30) S2001/0286 **22 Mar/mar 2001 IE (22.03.2001)**

(30) S010679 **19 Jul/juil 2001 IE (19.07.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A BALER
• PRESSE A FOURRAGE

(71) **WELMOUNT LIMITED** [IE/IE]; Kilmaine, County Mayo (IE).

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

(72, 75) **MCHALE, Padraic, Christopher** [IE/IE]; Tumneenane, Clonbur, County Mayo (IE). **MCHALE, Martin, William** [IE/IE]; Kilmaine, County Mayo (IE). **HEANEY, James, John** [IE/IE]; Killeenrevagh, Hollymount, County Mayo (IE). **SHERIDAN, Gerard, Patrick** [IE/IE]; Tullyduff, Kilmaine, County Mayo (IE). **O'CONNOR, Patrick, Thomas** [IE/IE]; Tuam Road, Kilmaine, County Mayo (IE). **BIGGINS, John, Patrick** [IE/IE]; Cornfield, Hollymount, County Mayo (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **A01G 1/04**

(11) **WO 02/076185** (13) A1

(21) PCT/GB02/01172

(22) **26 Mar/mar 2002 (26.03.2002)**

(25) en (26) en

(30) 0107515.9 **26 Mar/mar 2001 GB (26.03.2001)**

(30) 0114718.0 **15 Jun/juin 2001 GB (15.06.2001)**

(30) 0202545.0 **4 Feb/fév 2002 GB (04.02.2002)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CASING MATERIAL AND ITS USE IN CROP CULTIVATION
• MATERIAU D'ENVELOPPE ET UTILISATION DE CELUI-CI POUR LA CULTURE VIVRIERE

(71) **HORTICULTURE RESEARCH INTERNATIONAL** [GB/GB]; Wellesbourne, Warwick, Warwickshire CV35 9EF (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NOBLE, Ralph** [GB/GB]; Horticulture Research International, Wellesbourne, Warwick, Warwickshire CV35 9EF (GB). **BAREHAM, Leslie** [GB/GB]; SCL Limited, Wistow, Selby, North Yorkshire (GB).

(74) **RUFFLES, Graham, Keith**; Marks & Clerk, 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **A01G 7/06, A01M 21/04**

(11) **WO 02/076186** (13) A2

(21) PCT/IB02/00922

(22) **26 Mar/mar 2002 (26.03.2002)**

(25) en (26) en

(30) 5/2001 **26 Mar/mar 2001 ZM (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A DEVICE FOR DISPENSING LIQUIDS

• DISPOSITIF DE DISTRIBUTION DE LI-
QUIDES

(71) GILSON, David, Grant [ZA/ZA]; Spoor
and Fisher, PO Box 41312, 2024 Craighall
(ZA).
(only for / seulement pour IS)

(71, 72) GIBSON, George, Desmond, Orr
[ZM/ZM]; Farm 635a, Chisamba (ZM). AA-
GAARD, Peter, James [ZM/ZM]; 223B
Twin Palm Road, Kabulonga, Lusaka (ZM).

(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 CH CY DE DK ES
FI FR GB GR IE IT 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 A01G 9/10

(11) WO 02/076187 (13) A2

(21) PCT/NL02/00134

(22) 28 Feb/fév 2002 (28.02.2002)

(25) nl (26) en

(30) 1017460 28 Feb/fév 2001 NL
(28.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CULTURE MEDIUM
• MILIEU DE CULTURE

(71) GREEN PRODUCTS B.V. [NL/NL]; En-
gergiestraat 9, NL-8263 AC Kampen (NL).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) LANGEZAAL, Lucas, Everhardus,
Maria [NL/NL]; Bilderdijklaan 10, NL-3818
WE Amersfoort (NL).

(74) PLAGGENBORG, Menko, Bernard et al.
/ etc.; Octrooibureau Los En Stigter B.V.,
Weteringschans 96, NL-1017 XS Amsterdam
(NL).

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

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

(51)⁷ A01H

(11) WO 02/076188 (13) A2

(21) PCT/US02/09186

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/279,145 27 Mar/mar 2001 US
(27.03.2001)

(30) 60/356,758 15 Feb/fév 2002 US
(15.02.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • USES OF WHITE CORN HYBRIDS
• UTILISATIONS D'HYBRIDES DE
MAIS BLANC

(71) WILSON GENETICS, LLC [US/US]; East
Highway 44, Harlan, IA 51537 (US).

(72) STRISSEL, Jerry, F.; 1605 12th Street,
Harlan, IA 51537 (US). STIEFEL, Michael,
J.; 4157 Panorama Drive, Panora, IA 50216
(US). BALL, Dale; 1508 Cheyenne, Harlan,
IA 51537 (US).

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

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

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

(51)⁷ A01H 1/00, 5/00, C12N 15/82, A01K
51/00, C07H 21/02, 21/04

(11) WO 02/076189 (13) A1

(21) PCT/IL02/00142

(22) 24 Feb/fév 2002 (24.02.2002)

(25) en (26) en

(30) 60/277,657 22 Mar/mar 2001 US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF ENHANCING ENTO-
MOPHILOUS
• PROCEDE POUR ACCROITRE L'EN-
TOMOPHILIE

(71) SCENTGENE POLLINATION LTD.
[IL/IL]; Kibbutz Yad Mordechai, 79 145
D.N. Ha'Elia (IL).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) PALDI, Nitzan [IL/IL]; Meshek 77,
Moshav Bar Giora, 99 880 D.N. Ha'Elia (IL).

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

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

PL PT RO RU SD SE SG SI SK SK (Utility
model / modèle d'utilité) SL TJ TM TN TR
TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 A01K

(11) WO 02/076190 (13) A2

(21) PCT/US02/09098

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/277,970 23 Mar/mar 2001 US
(23.03.2001)

(30) 60/277,971 23 Mar/mar 2001 US
(23.03.2001)

(30) 60/277,972 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INCORPORATION OF COMPETITIVE
EFFECTS IN BREEDING PROGRAM
TO INCREASE PERFORMANCE LEV-
ELS AND IMPROVE ANIMAL WELL
BEING
• INCORPORATION D'EFFETS COM-
PETITIFS DANS UN PROGRAMME
D'AMELIORATION GENETIQUE
POUR ACCROITRE LES NIVEAUX DE
PERFORMANCE ET LE BIEN-ETRE
DES ANIMAUX

(71) PURDUE RESEARCH FOUNDATION
[US/US]; Office of Technology Commer-
cialization, 1291 Cumberland Avenue, West
Lafayette, IN 47906 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(71, 72) MUIR, William, M. [US/US]; 1300
Fawn Ridge Drive, West Lafayette, IN 47906
(US).

(74) JONDLE, Robert, J. et al. / etc.; Rothwell,
Figg, Ernst & Manbeck, P.C., 1425 K Street,
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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ A01K

(11) WO 02/076191 (13) A2

(21) PCT/US02/09146

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/278,416 26 Mar/mar 2001 US
(26.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SYSTEM, METHOD, AND APPARATUS FOR CONTROLLING ANIMAL FEEDING
• SYSTEME, PROCEDE ET APPAREIL DE REGULATION D'ALIMENTATION D'UN ANIMAL
- (71, 72) KING, Robert, A. [US/US]; 10555 Tuckerman Heights Circle, North Bethesda, MD 20852 (US). KING, Susan, Hoppe [US/US]; 10555 Tuckerman Heights Circle, North Bethesda, MD 20852 (US). CHAPMAN, Floyd, Brantley [US/US]; 1717 Oakcrest Drive, Alexandria, VA 22302 (US).
- (74) KING, Robert, A.; 10555 Tuckerman Heights Circle, North Bethesda, MD 20852 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A01K 1/00

- (11) WO 02/076192 (13) A2
(21) PCT/EP02/03047
(22) 18 Mar/mar 2002 (18.03.2002)
(25) en (26) en
(30) MI2001A000603 22 Mar/mar 2001 IT (22.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMPOSITION OF MATTER FOR CAT LITTER
• COMPOSITION DE MATIERE DESTINEE AUX LITIERES POUR CHAT
- (71) MUTTI, Albina [IT/IT]; Via E. Vanoni, 51, I-23022 Chiavenna (IT).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) BASCIALLA, Giuseppe [IT/IT]; Via Sabotino, 6, I-21049 Tradate (IT).

- (74) RICCARDI, Sergio; Via M. Melloni, 32, I-20129 Milano (IT).

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

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

(51)⁷ A01K 11/00

- (11) WO 02/076193 (13) A1
(21) PCT/IB02/00813

(22) 20 Mar/mar 2002 (20.03.2002)

- (25) en (26) en
(30) 0107210.7 22 Mar/mar 2001 GB (22.03.2001)
(30) 0113325.5 1 Jun/juin 2001 GB (01.06.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • ANIMAL DATA GATHERING METHOD AND DEVICE
• PROCEDE ET DISPOSITIF DE COLLECTE DE DONNEES RELATIVES A DES ANIMAUX

- (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) NATIVIDADE, Albert, Lobo [GB/GB]; 5 Ellis Close, Windsor, Berkshire SL4 4BZ (GB). MERRELL, Brian, George [GB/GB]; 7 Collingwood Drive, Beaumont Park, Hexham, Northumberland NE46 2JA (GB). GARDNER, Sarah, Margaret [GB/GB]; 5 Ellis Close, Widnsor, Berkshire SL4 4BZ (GB).

- (74) HAWS, Helen; Nokia IPR Department, Summit Avenue, Farnborough, Hampshire GU14 0NG (GB).

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A01K 47/00

- (11) WO 02/076194 (13) A1
(21) PCT/YU01/00024
(22) 26 Sep/sep 2001 (26.09.2001)
(25) en (26) en
(30) P-227/01 26 Mar/mar 2001 YU (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • A NEW BEEHIVE
• NOUVELLE RUCHE

- (71) BRSTINA, Vojo [YU/YU]; 1. Maja 36, YU-23273 Novo Milosevo (YU).

- (81) AE AL AU BA BG BR CA CH CN CO CR CU CZ DM DZ EC EE GE HR HU ID IL IN IS JP KE KP KR LK LR LT LV MA MG MN MW MX NO NZ PL RO SD SG SK SL UA US ZA.

- (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 A01K 67/00, 67/033, C12N 15/00, G01N 33/00

- (11) WO 02/076195 (13) A1
(21) PCT/US02/09558
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 60/278,430 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • RAS P27 ANIMAL MODELS AND USES THEREOF
• MODELES ANIMAUX RAS P27 ET LEURS UTILISATIONS

- (71) UNIVERSITY OF SOUTH FLORIDA [US/US]; Division of Patents and Licensing, 4202 East Fowler Avenue, FAO 126, Tampa, FL 33620-7900 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) PLEDGER, W., Jack [US/US]; 6018 Hammock Woods Dr., Odessa, FL 33556 (US). JACKSON, Rosalind, J. [US/US]; 12506 Clendenning Drive, Tampa, FL 33624 (US). ADNANE, Jalila [MA/US]; 18512 Country Crest Place, Tampa, FL 33647 (US). SEBTI, Said, M. [US/US]; 8957 Magnolia Chase Circle, Tampa, FL 33647 (US).

- (74) LADWIG, Glenn, P. et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, Suite A-1, 2421 NW 41st Street, Gainesville, FL 32606 (US).

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

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

(51)⁷ A01K 67/027, 67/033, C12P 21/00, C07K 16/00, C12N 5/00, 5/06

- (11) WO 02/076196 (13) A1
(21) PCT/US02/08911
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 60/278,515 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • TRANSGENIC ANIMALS EXPRESSING ANTIBODIES SPECIFIC FOR GENES OF INTEREST AND USES THEREOF
• ANIMAUX TRANSGENIQUES EXPRIMANT DES ANTICORPS SPECIFIQUES DE GENES DONNES ET UTILISATIONS DE CEUX-CI

(71) **ABBOTT GMBH & CO. KG** [DE/DE]; Knollstrasse, 67061 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GHAYUR, Tariq** [PK/US]; 1014 Washington Street, Holliston, MA 01746 (US).

(74) **ZWICKER, Kenneth, P.**; 100 Research Drive, Worcester, MA 01605-4314 (US) et al. / etc.

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

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

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ A01K 73/06

(11) WO 02/076197 (13) A1

(21) PCT/KR02/00368

(22) 4 Mar/mar 2002 (04.03.2002)

(25) ko (26) en

(30) 2001/7324 U 17 Mar/mar 2001 KR (17.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NET HAULING EQUIPMENT FOR FISHING VESSELS

• EQUIPEMENT DE REMONTEE DE FLET POUR BATEAUX DE PECHE

(71) **GUMJOO MARINER CO., LTD** [KR/KR]; 59-10, Dujeong-dong, Cheonan-si, Chungcheongnam-do 330-210 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, Do-Nam** [KR/KR]; 107-503, Geumsanjugong apt., Geumsan-dong, Anseong-si, Gyeonggi-do 456-703 (KR).

(74) **WONJON PATENT FIRM**; 8th Floor, Poonglim Building, 823-1, Yeoksam-dong, Kangnam-ku, Seoul 135-784 (KR).

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

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

(51)⁷ A01K 97/00, B63B 35/73

(11) WO 02/076198 (13) A1

(21) PCT/CN02/00200

(22) 27 Mar/mar 2002 (27.03.2002)

(25) zh (26) zh

(30) 01106591.5 28 Mar/mar 2001 CN (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RADIO REMOTE CONTROLLED ELECTRONIC DIGITAL ANGLING DEVICE

• DISPOSITIF DE PECHE A LA LIGNE NUMERIQUE ELECTRONIQUE RADIO-TELECOMMANDE

(71, 72) **ZENG, Zhaoming** [CN/CN]; No.14, Lane 1, Weiwu Road, Nanning, Guangxi 530022 (CN).

(74) **SHANGHAI PATENT & TRADEMARK LAW OFFICE**; 435 Guiping Road, Shanghai 200233 (CN).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A01M

(11) WO 02/076199 (13) A2

(21) PCT/US02/08548

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 09/812,414 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FISH ATTRACTANT, METHOD FOR PRODUCING SAME AND DEVICE FOR DISPERSION OF SAME TO LURE FISH

• APPAT, SON PROCEDE DE FABRICATION ET DISPOSITIF SERVANT A LE DISPERSER POUR APPATER LE POISSON

(71, 72) **BURG, Jimmy, Kay (Jim)** [US/US]; 5544 Riverton Court, Collin County, Plano, TX 75093 (US). **HYATT, David, Ernest** [US/US]; 7412 Cliffbrook Drive, Dallas County, Dallas, TX 75240 (US).

(74) **LEAVITT, Steven, B.**; 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 CH CY DE DK ES FI FR GB GR IE 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 A01M 1/02, 1/20

(11) WO 02/076200 (13) A1

(21) PCT/EP02/03004

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) MO01A000052 22 Mar/mar 2001 IT (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INSECT BAIT CONTAINER AND METHOD FOR PRODUCING AN INSECT BAIT CONTAINER

• BOITE D'APPAT POUR INSECTES ET SON PROCEDE DE PRODUCTION

(71) **ELOPAK SYSTEMS A/G** [CH/CH]; Chersstrasse 4, CH-8152 Glattpfegg (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BIANCHINI, Alessandro** [IT/IT]; Via dei Traeri, 54, I-41010 Cognento (IT). **DODI, Pierangelo** [IT/IT]; Via de Gasperi, 4, I-41030 San Prospero (IT).

(74) **LUPPI, Luigi**; Luppi & Crugnola S.R.L., Via Corassori, 54, I-41100 Modena (IT).

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

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

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 the following designation / pour la désignation suivante : US
(u) for / pour US only / seulement

(51)⁷ A01M 1/20, A61L 9/03

(11) WO 02/076201 (13) A1

(21) PCT/IN01/00054

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 345/DEL/2001 23 Mar/mar 2001 IN (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COILED FUMIGANT SET
• ENSEMBLE FUMIGENE SPIRALE

(71, 72) ARYA, Bimal [IN/IN]; D-944, New Friends Colony, New Delhi 110 065 (IN).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 A01M 7/00

(11) WO 02/076202 (13) A1

(21) PCT/ES02/00156

(22) 27 Mar/mar 2002 (27.03.2002)

(25) es (26) es

(30) U 200100747 28 Mar/mar 2001 ES (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SELF-PROPELLED PHYTOSANITARY TREATMENT MACHINE FOR INTENSIVE CROPS

• MACHINE A AUTOPROPULSION UTILISEE DANS LE TRAITEMENT PHYTOSANITAIRE DE CULTURES INTENSIVES

(71) IDEAS Y DESARROLLO PARA LA MEJORA CONTINUA, S.L. [ES/ES]; Pol. Industrial La Juaida, E-04240 Viator (ES). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SALVADOR DEL AGUILA, Francisco Javier [ES/ES]; Pol. Industrial La Juaida, E-04240 Viator (ES). SANCHEZ-HERMOSILLA LOPEZ, Julian [ES/ES]; Pol. Industrial La Juaida, E-04240 Viator (ES). AGUERA VEGA, Francisco [ES/ES]; Pol. Industrial La Juaida, E-04240 Viator (ES).

(74) ESTEBAN PEREZ-SERRANO, M^a Isabel; Explanada 8, E-28040 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR 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 A01N

(11) WO 02/076203 (13) A2

(21) PCT/US01/49595

(22) 28 Dec/déc 2001 (28.12.2001)

(25) en (26) en

(30) 60/259,418 2 Jan/jan 2001 US (02.01.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND SYSTEM FOR PREPARING TISSUE SAMPLES FOR HISTOLOGICAL AND PATHOLOGICAL EXAMINATION

• PROCEDE ET SYSTEME PERMETTANT DE PREPARER DES ECHANTILLONS TISSULAIRES POUR UN EXAMEN HISTOLOGIQUE ET PATHOLOGIQUE

(71) SUPACHILL INTERNATIONAL PTY. LTD. [AU/AU]; 67 Korong Road, West Heidelberg, Victoria 3081 (AU).

(71, 72) PRIEN, Samuel, D. [US/US]; 9712 4th Drive, Lubbock, TX 79416 (US). BLANTON, John [US/US]; 9712 4th Drive, Lubbock, TX 79416 (US). WOOD, Brian [AU/US]; 9712 4th Drive, Lubbock, TX 79416 (US). CASSELL, Allan, J. [AU/US]; 9712 4th Drive, Lubbock, TX 79416 (US).

(74) SIMON, GALASSO & FRANTZ PLC; Edward J. Marshall, P.O. Box 26503, Austin, TX 78755-0503 (US).

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

(51)⁷ A01N

(11) WO 02/076204 (13) A2

(21) PCT/US02/08970

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/815,923 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • USE OF INSECT CELL MEMBRANE TRANSPORTERS AS NOVEL TARGET SITES FOR INSECTICIDES

• UTILISATION DE TRANSPORTEURS DE MEMBRANE CELLULAIRE D'INSECTES EN TANT QUE SITES CIBLES D'INSECTICIDES

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 12th floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).

(72) GILL, Sarjeet, S.; 274 Alderwood Way, Riverside, CA 92506 (US). ROSS, Linda, S.; 7918 Westgate Court, Riverside, CA 92506 (US).

(74) BASTIAN, Kevin, L. 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 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 A01N

(11) WO 02/076205 (13) A2

(21) PCT/US02/09521

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/279,098 27 Mar/mar 2001 US (27.03.2001)

(30) 60/318,747 11 Sep/sep 2001 US (11.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOSITIONS AND METHODS OF ZEARALENONE DETOXIFICATION

• COMPOSITIONS ET PROCEDES DE DETOXICATION DE ZEARALENONE

(71) PIONEER HI-BRED INTERNATIONAL, INC. [US/US]; 800 Capital Square, 400 Loucst Street, Des Moines, IA 50309 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) CRANE, Edmund, H., III [US/US]; 405 Glenview Drive, Des Moines, IA 50312 (US). GILLIAM, Jacob, T. [US/US]; 1004 Meadow Drive, Norwalk, IA 50211 (US). KARLOVSKY, Petr [DE/DE]; Institute of Plant Pathology and Plant Protection, Grisebachstrasse 6, 37077 Göttingen (DE). MADDOX, Joyce, R. [US/US]; 1312 N. 126th Street, Omaha, NE 68154 (US).

(74) SPRUILL, Murray, W. et al. / etc.; Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).

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

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

(51)⁷ A01N 1/02, C12N 5/02, 5/06, 5/08

(11) WO 02/076206 (13) A2

(21) PCT/CA02/00393

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,492 23 Mar/mar 2001 US (23.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHODS AND COMPOSITIONS FOR CRYOPRESERVATION OF DISSOCIATED PRIMARY ANIMAL CELLS
• PROCEDES ET COMPOSITIONS POUR LA CRYOCONSERVATION DE CELLULES ANIMALES PRIMAIRES DIS-SOCIEES
- (71) UNIVERSITY OF OTTAWA [CA/CA]; Research Services, 550 Cumberland Street, P.O. Box 450, Station A, Ottawa, Ontario K1N 6N5 (CA).
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- (72, 75) STAINES, William [CA/CA]; 138 Marlborough Avenue, Ottawa, Ontario K1N 8J2 (CA). KRANTIS, Anthony [AU/CA]; 423 Holland Avenue, Ottawa, Ontario K1Y 0Z3 (CA).
- (74) SECHLEY, Konrad, A. et al. / etc.; Gowling Lafleur Henderson LLP, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A01N 31/16, 31/08, 33/12, 39/00, 25/30, C11D 3/48, 1/94, A61K 7/48
- (11) WO 02/076207 (13) A1
- (21) PCT/US02/07792
- (22) 5 Mar/mar 2002 (05.03.2002)
- (25) en (26) en
- (30) 09/818,366 27 Mar/mar 2001 US (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ANTIBACTERIAL COMPOSITIONS
• COMPOSITIONS ANTIBACTERIENNES
- (71) THE DIAL CORPORATION [US/US]; 15501 N. Dial Boulevard, Scottsdale, AZ 85260-1619 (US).
- (72) TAYLOR, Timothy, J.; 14201 North 68th Street, Phoenix, AZ 85254 (US). FOX, Priscilla, A.; 2727 East Ironwood Drive, Phoenix, AZ 85028 (US). SEITZ, E., Phil; 9753 East Windrose Drive, Scottsdale, AZ 85260 (US). SLAYTON, Michael, D.; 30663 N. 44th Street, Cave Creek, AZ 85260 (US).
- (74) NAPOLI, James, J.; Marshall, Gerstein & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A01N 37/18, A61K 38/00, 38/04, C07K 2/00, 14/00, 16/00, 17/00
- (11) WO 02/076208 (13) A1
- (21) PCT/US02/07686
- (22) 15 Mar/mar 2002 (15.03.2002)
- (25) en (26) en
- (30) 60/278,562 23 Mar/mar 2001 US (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • REGULATION OF WEIGHT
• CONTROLE DU POIDS
- (71) NEURONZ LTD. [NZ/NZ]; Level 3, 2-6 Park Avenue, Grafton, Auckland (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ALEXI, Tajrena [US/NZ]; 4/209 Taylor Street, Blockhouse Bay, Auckland (NZ).
- (74) CHOW, Y., Ping et al. / etc.; Heller Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A01N 43/00
- (11) WO 02/076209 (13) A2
- (21) PCT/EP02/02368
- (22) 4 Mar/mar 2002 (04.03.2002)
- (25) en (26) en
- (30) 2001-61158 6 Mar/mar 2001 JP (06.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ANTIMICROBIAL COMPOSITIONS
• COMPOSITIONS ANTIMICROBIENNES
- (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) OHNISHI, Toshimasa [JP/JP]; Nagase ChemteX Corporation, 236, Nakai, Tatsuno-cho, Tatsuno-shi, Tatsuno, Hyogo 679-4124 (JP). TANAKA, Ikuya [JP/JP]; Nagase ChemteX Corporation, 236, Nakai, Tatsuno-cho, Tatsuno-shi, Tatsuno, Hyogo 679-4124 (JP).
- (74) VERBERCKMOES, Filip et al. / etc.; Janssen Pharmaceutica N.V., Patent Department, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL 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 all designations / pour toutes les désignations
(u) for / pour US only / seulement
-
- (51)⁷ A01N 43/04, A61K 31/70
- (11) WO 02/076210 (13) A1
- (21) PCT/US02/08679
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 60/277,583 21 Mar/mar 2001 US (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • INHIBITION OF HUMAN IMMUNODEFICIENCY VIRUS REVERSE TRANSCRIPTASE
• INHIBITION DE LA TRANSCRIPTASE INVERSE DU VIRUS DE L'IMMUNODEFICIENCE HUMAINE
- (71) GLOBAL BIOTECH INC. [—/—]; 19F, No. 100, Sec. 1, Hsin-Tai-Wu Road, Hsichih, Taipei Hsien (TW).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUNG, Paul, Porwen [US/US]; 506 Ramblewood Drive, Bryn Mawr, PA 19010 (US).
- (74) TSAO, Y. Rocky; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ A01N 43/04, A61K 31/715, 9/14, 9/20

(11) WO 02/076211 (13) A1

(21) PCT/US02/08914

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,606 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NICOTINE-CONTAINING ORAL DOSAGE FORM
• FORME POSOLOGIQUE ORALE CONTENANT DE LA NICOTINE

(71) SMITHKLINE BEECHAM CORPORATION [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).

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

(72, 75) LIU, John [US/US]; 1500 Littleton Road, Parsippany, NJ 07054 (US). LECH, Stanley, J. [US/US]; 1500 Littleton Road, Parsippany, NJ 07054 (US). PLATCOW, Stuart [US/US]; 1500 Littleton Road, Parsippany, NJ 07054 (US).

(74) KERKES, Zoltan et al. / etc.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 A01N 43/90, 43/40 // (A01N 43/90, 25:04) (A01N 43/40, 25:04)

(11) WO 02/076212 (13) A1

(21) PCT/GB02/01147

(22) 13 Mar/mar 2002 (13.03.2002)

(25) en (26) en

(30) 0107651.2 27 Mar/mar 2001 GB (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOSITION CONTAINING PARAQUAT AND/OR DIQUAT AN ALGINATE AND AN EMETIC AND/OR PURGATIVE

• COMPOSITION RENFERMANT DU PARAQUAT ET/OU DU DIQUAT, UN ALGINATE ET UN EMETIQUE ET/OU UN PURGATIF

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

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(72, 75) ASHFORD, Emma, Jane [GB/GB]; Syngenta Limited, Yalding Manufacturing and Technology Centre, Hampstead Lane, Yalding, Nr Maidstone, Kent ME18 6HN (GB). HEYLINGS, Jonathan, Roy [GB/GB]; Syngenta Limited, Alderley Park, Macclesfield, Cheshire SK10 4TJ (GB). SHAUNAK, Richa [GB/CH]; Syngenta Participations AG, CH-4002 Basel (CH).

(74) RICKS, Michael, James et al. / etc.; Syngenta Limited, Intellectual Property Department, Jealott's Hill Research Centre, P.O. Box 3538, 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 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 A01N 57/16

(11) WO 02/076213 (13) A1

(21) PCT/EP02/02556

(22) 8 Mar/mar 2002 (08.03.2002)

(25) en (26) en

(30) 01107001.8 21 Mar/mar 2001 EP (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PERTICIDAL COMPOSITION
• COMPOSITION PESTICIDE

(71) BAYER CROPSCIENCE S.A. [FR/FR]; 55, avenue René Cassin, F-69009 Lyon (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUART, Gerald, Michel, Yvon [FR/FR]; 12 A, chemin de Calabert, F-69130 Ecully (FR). MARTIN, Thibaud, Jean,

Robert [FR/FR]; Chemin Seval, Village de l'Isle, F-50290 Bricqueville sur mer (FR).

(74) RIPPEL, Hans, Christoph; Bayer Crop-Science GmbH, Patent- und Lizenzabteilung, Industriepark Höchst, Gebäude K 801, 65926 Frankfurt (DE).

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

(51)⁷ A01N 59/00, 43/50, C02F 1/50, 1/76

(11) WO 02/076214 (13) A1

(21) PCT/US02/07013

(22) 7 Mar/mar 2002 (07.03.2002)

(25) en (26) en

(30) 09/819,153 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONTROL OF PSEUDOMONAS ÆRUGINOSA
• LUTTE CONTRE PSEUDOMONAS ÆRUGINOSA

(71) ALBEMARLE CORPORATION [US/US]; 451 Florida Street, Baton Rouge, LA 70801-1765 (US).

(72) NALEPA, Christopher, J.; 4142 Country Hill Drive, Baton Rouge, LA 70816 (US).

(74) PIPPENGER, Philip, M. et al. / etc.; Albemarle Corporation, Law Dept., 451 Florida Street, Baton Rouge, LA 70801-1765 (US).

(81) CA.

(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 A01N 59/26, A01G 7/00

(11) WO 02/076215 (13) A1

(21) PCT/JP02/02547

(22) 18 Mar/mar 2002 (18.03.2002)

(25) ja (26) ja

(30) 2001-78061 19 Mar/mar 2001 JP (19.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AGRICULTURAL/HORTICULTURAL COMPOSITIONS
• COMPOSITIONS AGRICOLES/HORTICOLES

(71) SANKYO COMPANY, LIMITED [JP/JP]; 5-1, Nihonbashi Honcho 3-Chome, Chuo-Ku, Tokyo 103-8426 (JP). HOKKAI SANKYO CO., LTD. [JP/JP]; 1, Ohdori Nishi 8-Chome, Chuo-Ku, Sapporo-Shi, Hokkaido 060-0042 (JP).

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

(72, 75) KIMURA, Kiyoshi [JP/JP]; c/o HOKKAI SANKYO CO., LTD., 27-4,

- Kitanosato, Kitahiroshima-Shi, Hokkaido 061-1111 (JP). **YAMASHITA, Hideo** [JP/JP]; c/o HOKKAI SANKYO CO., LTD., 27-4, Kitanosato, Kitahiroshima-Shi, Hokkaido 061-1111 (JP). **HAYASHI, Takuya** [JP/JP]; c/o HOKKAI SANKYO CO., LTD., 27-4, Kitanosato, Kitahiroshima-Shi, Hokkaido 061-1111 (JP). **MORITA, Tetsuo** [JP/JP]; c/o HOKKAI SANKYO CO., LTD., 27-4, Kitanosato, Kitahiroshima-Shi, Hokkaido 061-1111 (JP).
- (74) **NAKAMURA, Minoru** et al. / etc.; Shin-Tokyo Bldg., 3-1, Marunouchi 3-Chome, Chiyoda-ku, Tokyo 100-8355 (JP).
- (81) AU CA US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ A01N 63/00, A61K 39/12, 39/245, C12N 7/00, 7/04
- (11) **WO 02/076216** (13) A1
- (21) PCT/US02/09512
- (22) **27 Mar/mar 2002 (27.03.2002)**
- (25) en (26) en
- (30) 60/279,069 **27 Mar/mar 2001 US (27.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **VIRAL VECTORS AND THEIR USE IN THERAPEUTIC METHODS**
- **VECTEURS VIRAUX ET UTILISATION DE CES DERNIERS DANS DES METHODES THERAPEUTIQUES**
- (63) US 60/279,069 (CIP) 27 Mar/mar 2001 (27.03.2001)
- (71) **MEDIGENE, INC.** [US/US]; 9880 Campus Point Drive, Suite A, San Diego, CA 92121 (US). **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US). **GEORGETOWN UNIVERSITY** [US/US]; 37th and O Street, NW, Washington, DC 20057 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JOHNSON, Paul** [CA/CA]; 501-1250 Bute Street, Vancouver, British Columbia V6E 1Z9 (CA). **MARTUZA, Robert** [US/US]; 39 Mt. Vernon Street #1, Cambridge, MA 02140 (US). **RABKIN, Samuel, D.** [CA/US]; 85 Dartmouth Street, Lynn, MA 01904 (US). **TODD, Tomoki** [JP/US]; 16 Townsend Road, Belmont, MA 02478 (US).
- (74) **MICHAUD, Susan, M.**; 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ A01N 65/00
- (11) **WO 02/076217** (13) A1
- (21) PCT/KR01/00619
- (22) **14 Apr/avr 2001 (14.04.2001)**
- (25) ko (26) en
- (30) 2001/14803 **22 Mar/mar 2001 KR (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **PLANT EXTRACTS COMPOSITION CONTAINED PESTICIDAL ACTIVITIES**
- **COMPOSITIONS A BASE D'EXTRAITS DE PLANTES AYANT UNE ACTION PESTICIDE**
- (71) **NATUROBIOTECH CO., LTD.** [KR/KR]; 7F, Yuhanyanghaeng Bldg. 49-6 Daebang-dong, Dongjak-gu, Seoul 156-754 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHANG, Kyu-Sik** [KR/KR]; 15tong 3ban 134bunji 4ga Youngson-dong, Youngdo-gu, Pusan 606-044 (KR). **AHN, Young-Joon** [KR/KR]; 15/1106 Changmi Apt., 7 Sinchon-dong, Songpa-gu, Seoul 138-240 (KR). **KIM, Young-Soo** [KR/KR]; 7F, Yuhanyanghaeng Bldg. 49-6 Daebang-dong, Dongjak-gu, Seoul 156-754 (KR). **PARK, Byeong-Mook** [KR/KR]; 1101/403 Booyoung Apt. 11danji Unbitmaul, 961 Hwajong-dong, Dukyang-gu, Koyang-shi, Kyonggi-do 412-827 (KR). **KIM, Hyun-Cheol** [KR/KR]; 255-12 Songsoo2gal-dong, Songdong-gu, Seoul 133-121 (KR). **KIM, Soon-Il** [KR/KR]; 3F, 500-9 Koowoon-dong, Kwonsong-gu, Soowon-shi, Kyonggi-do 441-340 (KR).
- (74) **JUNG, Won-Ki**; Hankook Bldg., 8th Fl. 831-3 Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY 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).
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- (51)⁷ A21B 1/48, 1/33, F24C 15/32
- (11) **WO 02/076218** (13) A1
- (21) PCT/CA01/01855
- (22) **21 Dec/déc 2001 (21.12.2001)**
- (25) en (26) en
- (30) 60/277,662 **22 Mar/mar 2001 US (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **MULTICONVEYOR CONVECTION OVEN**
- **FOUR A CONVECTION A TRANSPORTEURS MULTIPLES**
- (71) **ZESTO FOOD EQUIPMENT MANUFACTURING INC.** [CA/CA]; 6450 Hutchison, Montréal, Québec H2V 4C8 (CA).
- (72) **MOSHONAS, Georges**; 12240 Camille, Montréal, Québec H4K 2H7 (CA). **CZAJKA, Chuck**; 305 Cherry Tree Court, Forest Hill, MD 21050 (US).
- (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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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
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- (51)⁷ A22B
- (11) **WO 02/076219** (13) A2
- (21) PCT/EP02/03452
- (22) **27 Mar/mar 2002 (27.03.2002)**
- (25) de (26) de
- (30) 101 14 974.3 **27 Mar/mar 2001 DE (27.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **GAS STUNNING FACILITY FOR SLAUGHTER ANIMALS**
- **INSTALLATION D'ANESTHESIE AU GAZ POUR ANIMAUX DE BOUCHERIE**
- (71) **BANSS SCHLACHT- UND FÖRDERTECHNIK GMBH** [DE/DE]; Industriestrasse 4, 35216 Biedenkopf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RUNKEL, Gerhard** [DE/DE]; Berliner Strasse 13, 35719 Angelburg (DE).
- (74) **KLUNKER, SCHMITT-NILSON, HIRSCH**; Winzererstr. 106, 80797 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR 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 A22C 25/16
- (11) **WO 02/076220** (13) A1
- (21) PCT/EP02/03520
- (22) **28 Mar/mar 2002 (28.03.2002)**
- (25) de (26) de

(30) 101 16 248.0 **28 Mar/mar 2001** DE
(**28.03.2001**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR FILLETING SLAUGHTERED FISH WITH AN OPEN ABDOMINAL CAVITY AND DEVICE FOR CARRYING OUT SAID METHOD

• PROCEDE POUR FILETER DES POISSONS EVISCERES, A CAVITE ABDOMINALE OUVERTE, ET DISPOSITIF POUR METTRE EN OEUVRE LEDIT PROCEDE

(71) **NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG** [DE/DE]; Geniner Str. 249, 23560 Lübeck (DE).

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

(72, 75) **GRABAU, Thomas** [DE/DE]; Hohenstaufenstrasse 8, 23564 Lübeck (DE). **RALF, Neumann** [DE/DE]; Niemarker Weg 18, 23560 Lübeck (DE). **CARSTEN, Paulsohn** [DE/DE]; Yorkstrasse 9, 23564 Lübeck (DE).

(74) **WENZEL & KALKOFF**; Grubesallee 26, 22143 Hamburg (DE) et al. / etc.

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **A23B 7/04, 7/153**

(11) **WO 02/076221** (13) A1

(21) PCT/ES02/00132

(22) **20 Mar/mar 2002 (20.03.2002)**

(25) es (26) es

(30) P 0100707 **27 Mar/mar 2001** ES
(**27.03.2001**)

(30) P 0102413 **31 Oct/oct 2001** ES
(**31.10.2001**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FROZEN POTATO PRODUCT AND PRODUCTION METHOD THEREFOR

• PRODUIT DE POMME DE TERRE CONGEELEE ET PROCEDE DE PRODUCTION

(71) **TRADE DESHIDA, S.L.** [ES/ES]; C/ Estudio, 33, E-28023 Madrid (ES).

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

(72, 75) **ROMERO OLMEDO, Matías** [ES/ES]; C/ Estudio, 33, E-28023 Madrid (ES).

(74) **ELZABURU, Alberto, de**; Miguel Angel, 21, E-28010 Madrid (ES).

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

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)⁶ **A23B 9/10**

(11) **WO 02/076222** (13) A1

(21) PCT/CN02/00195

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

(25) zh (26) zh

(30) 01111566.1 **23 Mar/mar 2001** CN
(**23.03.2001**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A METHOD FOR TREATING HIGHLAND BARLEY AND ITS EQUIPMENT

• PROCEDE DE TRAITEMENT DE L'ORGE DE MONTAGNE ET EQUIPEMENT ASSOCIE

(71, 72) **YU, Shengyou** [CN/CN]; 2 Middle School, Zhaozhou County, Heilongjiang 166400 (CN).

(74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; F8, Vantone New World Plaza, 2 Fuchengmenwai Street, Beijing 100037 (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 CH CY DE DK ES FI FR GB GR IE IT 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 **A23C 9/123, 19/06, A61K 35/74, A23K 1/00, C12R 1/46**

(11) **WO 02/076223** (13) A1

(21) PCT/NL02/00191

(22) **25 Mar/mar 2002 (25.03.2002)**

(25) en (26) en

(30) 01201086.4 **23 Mar/mar 2001** NL
(**23.03.2001**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A PROBIOTIC, A FOOD PRODUCT CONTAINING A PROBIOTIC, A METHOD FOR PREPARATION OF SAID FOOD PRODUCT, A PHARMACEUTICAL COMPOSITION AND A USE OF THE PROBIOTIC STRAIN

• PROBIOTIQUE, PRODUIT ALIMENTAIRE ET PREPARATION PHARMACEUTIQUE LE CONTENANT ET LEURS PROCEDES DE PREPARATION, ET MODE D'UTILISATION DE LA SOUCHE DE PROBIOTIQUE

(71) **NIZO FOOD RESEARCH** [NL/NL]; Kernhemseweg 2, NL-6718 ZB Ede (NL).

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

(72, 75) **BOVEE-UDENHOVEN, Ingeborg, Marie, Jacqueline** [NL/NL]; Saltshof 3020, NL-6604 GL Wijchen (NL). **VAN DER MEER, Roelof** [NL/NL]; Witte de Withstraat 37, NL-6712 HA Ede (NL).

(74) **ALTENBURG, Bernardus, Stephanus, Franciscus et al.** / etc.; Octrooibureau Los En Stigter B. V., Weteringschans 96, NL-1017 XS Amsterdam (NL).

(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 **A23F 3/00, A23L 2/54, B01F 3/04**

(11) **WO 02/076224** (13) A1

(21) PCT/US02/09072

(22) **26 Mar/mar 2002 (26.03.2002)**

(25) en (26) en

(30) 09/817,053 **27 Mar/mar 2001** US
(**27.03.2001**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TAP CARBONATION CONCENTRATOR

• CONCENTRATEUR DE GAZEIFICATION A ROBINET

(71, 72) **TAVLARIDES, Demetrios** [US/US]; 6631 31st Place NW, Washington, DC 20015 (US).

(74) **BOLLMAN, William, H.**; Manelli Denison & Selter PLLC, Suite 700, 2000 M Street, NW, Washington, DC 20036-3307 (US).

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

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

(51)⁷ **A23G 1/00**

(11) **WO 02/076225** (13) A1

(21) PCT/JP02/01988

(22) **4 Mar/mar 2002 (04.03.2002)**

(25) ja (26) ja

(30) 2001-082032 **22 Mar/mar 2001** JP
(**22.03.2001**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • WHIP CHOCOLATE PRODUCTS AND PROCESS FOR PRODUCING THE SAME

• PRODUITS DE CHOCOLAT FOUETTE ET PROCEDE DE PRODUCTION DE CES PRODUITS

(71) **FUJI OIL COMPANY, LIMITED** [JP/JP]; 1-5, Nishishinsaibashi 2-chome, Chuo-ku, Osaka-shi, Osaka 542-0086 (JP).

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

- (72, 75) **HOKUYO, Kosuke** [JP/JP]; c/o Fuji Oil Company, Limited, Tsukuba R & D Center, 4-3, Kinunodai, Yawara-mura, Tsukuba-gun, Ibaraki 300-2436 (JP). **UMENO, Koji** [JP/JP]; c/o Fuji Oil Company, Limited, Tsukuba R & D Center, 4-3, Kinunodai, Yawara-mura, Tsukuba-gun, Ibaraki 300-2436 (JP). **MORIKAWA, Kazutoshi** [JP/JP]; c/o Fuji Oil Company, Limited, Tsukuba R & D Center, 4-3, Kinunodai, Yawara-mura, Tsukuba-gun, Ibaraki 300-2436 (JP). **SAITO, Mayumi** [JP/JP]; c/o Fuji Oil Company, Limited, Tsukuba R & D Center, 4-3, Kinunodai, Yawara-mura, Tsukuba-gun, Ibaraki 300-2436 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **A23G 3/30**
- (11) **WO 02/076227** (13) A1
- (21) PCT/DK02/00200
- (22) **25 Mar/mar 2002 (25.03.2002)**
- (25) en (26) en
- (30) PA 2001 00491 **23 Mar/mar 2001** DK (23.03.2001)
- (30) 60/303,096 **6 Jul/juil 2001** US (06.07.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COATED DEGRADABLE CHEWING GUM WITH IMPROVED SHELF LIFE AND PROCESS FOR PREPARING SAME
- CHEWING-GUM ENROBE DEGRADABLE A DUREE DE VIE PROLONGEE ET SES PROCEDES DE PREPARATION
- (71) **DANDY A/S** [DK/DK]; Dandyvej 19, DK-7100 Vejle (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WITTORFF, Helle** [DK/DK]; Hegnsgårdsvej 63, DK-7120 Vejle (DK). **ANDERSEN, Lone** [DK/DK]; Gl. Strandvej 1, DK-5500 Middelfart (DK). **ISAKSEN, Anette** [DK/DK]; Ronningsesminde 22, DK-6000 Kolding (DK).
- (74) **PATENTGRUPPEN APS**; Arosgaarden, Aaboulevarden 31, DK-8000 Århus C (DK).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **A23G 3/00**
- (11) **WO 02/076226** (13) A1
- (21) PCT/JP02/02844
- (22) **25 Mar/mar 2002 (25.03.2002)**
- (25) ja (26) ja
- (30) 2001-89713 **27 Mar/mar 2001** JP (27.03.2001)
- (30) 2001-93553 **28 Mar/mar 2001** JP (28.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PROCESS FOR PRODUCING PUFFED SNACK AND PRODUCTION APPARATUS THEREFOR
- PROCEDE DE PRODUCTION D'ENCAS SOUFFLES
- (71) **MEIJI SEIKA KAISHA, LTD.** [JP/JP]; 4-16, Kyobashi 2-chome, Chuo-ku, Tokyo 104-0031 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YAMANE, Taisuke** [JP/JP]; c/o Food Research and Development Labs., Meiji Seika Kaisha, Ltd, 3-1, Chiyoda 5-chome, Sakado-shi, Saitama 350-0214 (JP). **MIURA, Takahiro** [JP/JP]; c/o Food Research and Development Labs., Meiji Seika Kaisha, Ltd, 3-1, Chiyoda 5-chome, Sakado-shi, Saitama 350-0214 (JP). **AKIMOTO, Shuji** [JP/JP]; c/o Food Research and Development Labs., Meiji Seika Kaisha, Ltd, 3-1, Chiyoda 5-chome, Sakado-shi, Saitama 350-0214 (JP).
- (74) **SASAKI, Isao et al.** / etc.; SASAKI, KAWAMURA & ASSOCIATES, Toranomon Sangyo Bldg. 6F, 2-29, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **A23G 3/30**
- (11) **WO 02/076228** (13) A1
- (21) PCT/DK02/00201
- (22) **25 Mar/mar 2002 (25.03.2002)**
- (25) en (26) en
- (30) PA 2001 00493 **23 Mar/mar 2001** DK (23.03.2001)
- (30) 60/303,095 **6 Jul/juil 2001** US (06.07.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DEGRADABLE RESIN SUBSTITUTE FOR CHEWING GUM
- RÉSINE BIODÉGRADABLE POUR GOMME À MÂCHER
- (71) **DANDY A/S** [DK/DK]; Dandyvej 19, DK-7100 Vejle (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WITTORFF, Helle** [DK/DK]; Hegnsgårdsvej 63, DK-7120 Vejle (DK). **ANDERSEN, Lone** [DK/DK]; Gl. Strandvej 1, DK-5500 Middelfart (DK). **ISAKSEN, Anette** [DK/DK]; Ronningsesminde 22, DK-6000 Kolding (DK).
- (74) **PATENTGRUPPEN APS**; Arosgaarden, Aaboulevarden 31, DK-8000 Århus C (DK).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **A23G 3/30**
- (11) **WO 02/076229** (13) A1
- (21) PCT/DK02/00202
- (22) **25 Mar/mar 2002 (25.03.2002)**
- (25) en (26) en
- (30) PA 2001 00492 **23 Mar/mar 2001** DK (23.03.2001)
- (30) 60/303,135 **6 Jul/juil 2001** US (06.07.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ONE-STEP PROCESS FOR PREPARING CHEWING GUM
- PROCEDE DE PREPARATION DU CHEWING-GUM EN UNE ETAPE
- (71) **DANDY A/S** [DK/DK]; Dandyvej 19, DK-7100 Vejle (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WITTORFF, Helle** [DK/DK]; Hegnsgårdsvej 63, DK-7120 Vejle (DK). **ANDERSEN, Lone** [DK/DK]; Gl. Strandvej 1, DK-5500 Middelfart (DK). **ISAKSEN, Anette** [DK/DK]; Ronningsesminde 22, DK-6000 Kolding (DK).
- (74) **PATENTGRUPPEN APS**; Arosgaarden, Aaboulevarden 31, DK-8000 Aarhus C (DK).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

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

(51)⁷ A23G 3/30, C08G 63/08, 63/02
(11) WO 02/076230 (13) A1
(21) PCT/DK02/00203

(22) 25 Mar/mar 2002 (25.03.2002)
(25) en (26) en
(30) PA 2001 00494 23 Mar/mar 2001 DK (23.03.2001)
(30) 60/303,098 6 Jul/juil 2001 US (06.07.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • DEGRADABLE ELASTOMERS FOR CHEWING GUM BASE
• ELASTOMERES DEGRADABLES POUR BASE DE GOMME A MACHER

(71) DANDY A/S [DK/DK]; Dandyvej 19, DK-7100 Vejle (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WITTORFF, Helle [DK/DK]; Hegnsgårdsvej 63, DK-7120 Vejle (DK). AN-DERSEN, Lone [DK/DK]; Gl. Strandvej 1, DK-5500 Middelfart (DK). ISAKSEN, Anette [DK/DK]; Rønningesminde 22, DK-6000 Kolding (DK). STOREY, Robson [US/US]; 111 Holly Dr., Hattiesburg, MS 39402 (US).

(74) PATENTGRUPPEN APS; Arosgaarden, Aaboulevarden 31, DK-8000 Aarhus C (DK).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A23G 3/30
(11) WO 02/076231 (13) A1
(21) PCT/DK02/00205

(22) 25 Mar/mar 2002 (25.03.2002)
(25) en (26) en

(30) PA 2001 00495 23 Mar/mar 2001 DK (23.03.2001)
(30) PA 2001 00492 23 Mar/mar 2001 DK (23.03.2001)
(30) PA 2001 00493 23 Mar/mar 2001 DK (23.03.2001)
(30) PA 2001 00491 23 Mar/mar 2001 DK (23.03.2001)
(30) PA 2001 00494 23 Mar/mar 2001 DK (23.03.2001)
(30) 60/303,136 6 Jul/juil 2001 US (06.07.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BIODEGRADABLE CHEWING GUM AND METHOD OF MANUFACTURING SUCH CHEWING GUM
• CHEWING GUM BIODEGRADABLE ET SON PROCEDE DE FABRICATION
(71) DANDY A/S [DK/DK]; Dandyvej 19, DK-7100 Vejle (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WITTORFF, Helle [DK/DK]; Hegnsgårdsvej 63, DK-7120 Vejle (DK). AN-DERSEN, Lone [DK/DK]; Gl. Strandvej 1, DK-5500 Middelfart (DK). STOREY, Robson [US/US]; 111 Holly Drive, Hattiesburg, MS 39402 (US).

(74) PATENTGRUPPEN APS; Arosgaarden, Aaboulevarden 31, DK-8000 Aarhus C (DK).

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

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

(51)⁷ A23G 3/30
(11) WO 02/076232 (13) A1
(21) PCT/NL02/00199

(22) 27 Mar/mar 2002 (27.03.2002)
(25) en (26) en
(30) 01201162.3 28 Mar/mar 2001 EP (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BIODEGRADABLE GUM BASE SHOWING IMPROVED PROPERTIES
• BASE DE GOMME BIODEGRADABLE PRESENTANT DES PROPRIETES AMELIOREES

(71) HYCAIL B.V. [NL/NL]; Industrieweg 24-1, NL-9804 TG Noordhorn (NL).

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

(72, 75) SÖDERGARD, Anders [FI/NL]; M. L. Kingstraat 20, NL-9728 WJ Groningen (NL).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A23G 9/28, B67D 5/02, 5/62, B65D 83/14
(11) WO 02/076233 (13) A1

(21) PCT/EP02/03361
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 01302743.8 26 Mar/mar 2001 EP (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BACKPACK FOR SEMI-FROZEN PARTICULATE PRODUCTS
• SAC A DOS POUR PRODUITS SEMI-CONGELES EN PARTICULES

(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 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, Mumbai 400 020 (IN).
(only for / seulement pour IN)

(72) ADOLPHI, Ulrich; In der Lau 24, 21335 Lueneburg (DE). COCKINGS, Terence, Richard; Unilever R & D Colworth, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB). JULIO, Sergio, Mauricio, Ehrhardt, Ferreira; Unilever Brazil Kiborn, Rua Santo Arcadio, 304-Brooklin, CEP 04707-110 Sao Paulo (BR). LUCK, Richard, Henry; Unilever R

& D Colworth, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

(74) HUGOT, Alain, Eric, Philippe; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

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

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

(11) WO 02/076234 (13) A2

(21) PCT/US02/01610

(22) 22 Jan/jan 2002 (22.01.2002)

(25) en (26) en

(30) 09/815,573 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INCREASING PHOSPHORUS UPTAKE FROM THE GUT OF DAIRY COWS BY SUPPLEMENTING 1 α -HYDROXYLATED VITAMIN D COMPOUNDS
• AUGMENTATION DU CAPTAGE DU PHOSPHORE À PARTIR DU TUBE DIGESTIF DES VACHES LAITIÈRES PAR SUPPLÉMENTATION DE COMPOSÉS À BASE DE VITAMINE D 1SG(A)HYDROXYLÉE

(71) WISCONSIN ALUMNI RESEARCH FOUNDATION [US/US]; 614 North Walnut Street, 13th Floor, P.O. Box 7365, Madison, WI 53707 (US). THE UNITED STATES OF AMERICA, as represented by THE SECRETARY OF AGRICULTURE [US/US]; 1400 Independence Avenue SW, Washington, D.C. 20250 (US).

(72) DELUCA, Hector, F.; 1809 Highway BB, Deerfield, WI 53531 (US). SATTER, Larry, D.; 2917 Pelham Road, Madison, WI 53713 (US). JORGENSEN, Neal, A.; 5979 Woodcreek Lane, Middleton, WI 53562 (US).

(74) WOZNY, Thomas, M. et al. / etc.; Andrus, Seales, Starke & Sawall, LLP, Suite 1100, 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 UZ VN YU ZA ZM ZW.

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

(51)⁷ A23K

(11) WO 02/076235 (13) A2

(21) PCT/US02/09720

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 09/818,221 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • USE OF CARBOHYDRATE SOURCE TO LIMIT WEIGHT GAIN IN CATS
• UTILISATION DE SOURCES DE GLUCIDES POUR LIMITER LA PRISE DE POIDS CHEZ LES CHATS

(71) THE IAMS COMPANY [US/US]; 7250 Poe Avenue, Dayton, OH 45414 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUNVOLD, Gregory, D. [US/US]; 651 Snedsted Drive, Eaton, OH 45320-2629 (US).

(74) VIKSNINS, Ann, S.; Schwegman, Lundberg & Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

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

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

(51)⁷ A23K 1/18, A01K 97/04

(11) WO 02/076236 (13) A1

(21) PCT/FR02/00990

(22) 21 Mar/mar 2002 (21.03.2002)

(25) fr (26) fr

(30) 0103882 22 Mar/mar 2001 FR (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FISH FOOD MADE FROM INVERTEBRATE ORGANISMS
• ALIMENT POUR POISSONS A BASE D'ORGANISMES INVERTEBRES

(71, 72) PUFF, Jean-Marie [FR/FR]; Mas du Coucou, Crau, Route d'Arles, F-13270 Fos sur Mer (FR).

(74) COLAS DES FRANCS, Jean; 511, Route Départementale 113, F-78630 Morainvilliers (FR).

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

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

(11) WO 02/076237 (13) A2

(21) PCT/EP02/03026

(22) 13 Mar/mar 2002 (13.03.2002)

(25) en (26) en

(30) 60/278,506 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • STABILIZED AROMA-PROVIDING COMPONENTS AND FOODSTUFFS CONTAINING SAME

• COMPOSANTS AROMATISANTS STABILISÉS ET PRODUITS ALIMEN-TAIRES RENFERMANT CES COMPO-SANTS

(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) ZHENG, Ying [CN/US]; 6102 North-cliff Blvd., Dublin, OH 43016 (US). CHENG, Pu-Sheng [—/US]; 6952 Literary Lane, Dublin, OH 43017 (US). MILO, Christian [DE/CH]; Chemin des Croisettes 6, CH-1066 Epalinges (CH).

(74) ELLEBY, Gudrun; 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 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 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 A23L
(11) WO 02/076238 (13) A2
(21) PCT/IB01/00531
(22) 23 Mar/mar 2001 (23.03.2001)
(25) en (26) en
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • WALTONS
• WALTONS (FRANCHISE)

- (71, 72) RYSZK, Dorota [PL/US]; P.O. Box 3271, Barrington, IL 60011 (US).
(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ A23L 1/00
(11) WO 02/076239 (13) A2
(21) PCT/EP02/02866
(22) 13 Mar/mar 2002 (13.03.2002)
(25) en (26) en
(30) 60/278,506 23 Mar/mar 2001 US (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • STABILIZATION OF AROMA-PROVIDING COMPONENTS
• STABILISATION DE COMPOSANTS PRODUISANT UN AROME

- (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) ZHENG, Ying [CN/US]; 6102 Northcliff Road, Dublin, OH 43016 (US). CHENG, Pu-Sheng [—/US]; 6952 Literary Lane, Dublin, OH 43017 (US). MILO, Christian [DE/CH]; Chemin des Croisettes 6, CH-1066 Epalinges (CH).

- (74) PATE, Frederick, G.; 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 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 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 A23L 1/30, A23C 9/13 // A61K 38/43
(11) WO 02/076240 (13) A1
(21) PCT/JP02/02753
(22) 22 Mar/mar 2002 (22.03.2002)
(25) ja (26) ja
(30) 2001-82366 22 Mar/mar 2001 JP (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • HEALTH FOODS CONTAINING NATTO KINASE AND FERMENTED MILK PRODUCTS
• ALIMENTS DIETETIQUES CONTENANT DE LA KINASE DE NATTO ET PRODUITS LAITIERS FERMENTES

- (71) NIHON KEFIR CO., LTD. [JP/JP]; 13-16, Asahi-cho, Fujisawa-shi, Kanagawa 251-0054 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (71, 72) TOKUMARU, Sennosuke [JP/JP]; 1-10-3, Tsujidotaiheidai, Fujisawa-shi, Kanagawa 251-0044 (JP).

- (72, 75) TOKUMARU, Koichiro [JP/JP]; 1-10-3, Tsujidotaiheidai, Fujisawa-shi, Kanagawa 251-0044 (JP).

- (74) SAEKI, Norio; 9th floor, Taka-ai Building, 15-2, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).

- (81) CN JP US.

- (51)⁷ A23L 1/30, A61K 35/78
(11) WO 02/076241 (13) A1
(21) PCT/NL02/00186
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 01201101.1 23 Mar/mar 2001 EP (23.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)

- (54) • PREPARATION FOR THE PREVENTION AND/OR TREATMENT OF ALTERED BONE METABOLISM
• PREPARATION DESTINEE A LA PREVENTION ET/OU AU TRAITEMENT DE METABOLISME OSSEUX MODIFIE

- (71) N.V. NUTRICIA [NL/NL]; P.O. Box 1, NL-2700 MA Zoetermeer (NL).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) VAN HELVOORT, Adrianus, Lambertus, Bertholdus [NL/NL]; Johan Kievietstraat 9, NL-6708 SP Wageningen (NL). VAN NORREN, Klaske [NL/NL]; Fluitersdreef 4, NL-6871 LP Renkum (NL). GROS-VAN HEST, Marjan [NL/NL]; Swaenepol 14,

- NL-6871 TP Renkum (NL). LANSINK, Mirian [NL/NL]; Fivelingo 87, NL-3524 BJ Utrecht (NL).

- (74) JORRITSMA, Ruurd; Nederlandsch Oecrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 1/303, 1/304, A61K 31/375, 31/355, 31/07, 33/30, 33/34

- (11) WO 02/076242 (13) A1
(21) PCT/US02/08451
(22) 19 Mar/mar 2002 (19.03.2002)
(25) en (26) en
(30) 09/816,284 23 Mar/mar 2001 US (23.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)

- (54) • NUTRITIONAL SUPPLEMENT TO TREAT MACULAR DEGENERATION
• COMPLEMENT NUTRITIONNEL DESTINE A TRAITER LA DEGENERESCENCE MACULAIRE

- (71) BAUSCH & LOMB INCORPORATED [US/US]; One Bausch & Lomb Place, Rochester, NC 14604-2701 (US).

- (72) BARTELS, Stephen, Paul; 16 Silco Hills, Pittsford, NY 14534 (US). BAUSTIAN, Cara, Lorraine; 4 Woods Road, Palisades, NY 10964 (US). SOUERWINE, David, A.; Ten Pointes at Stonetown, 6 Mill Lane, Pittsford, NY 14534 (US). BUNCE, George, Edwin; 1416 Highland Circle, Blacksburg, VA 24060 (US). ELLENBOGEN, Leon; 16 Morris Drive, New City, NY 10956 (US). FERRIS, Federick, L., III; 5129 Northern Fences Lane, Columbia, Maryland 21044 (US). KINOSHITA, Jin; 44269 Club House Drive, El Macero, CA 95618 (US). SMITH, James, Cecil, Jr.; 6916 Pine Valley Drive, Glenn Dale, MD 20769 (US).

- (74) VACCA, Rita, D. et al. / etc.; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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) 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 A23L 1/48
(11) WO 02/076243 (13) A1
(21) PCT/JP01/02269

(22) 22 Mar/mar 2001 (22.03.2001)

(25) ja (26) ja

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR PRODUCING SMALL BASKET PAOZU SUITABLE FOR COOKING BY HIGH FREQUENCY HEATING

- PROCEDE DE PRODUCTION DE PETIT PANIER ≤PAOZU≥ ADAPTE POUR LA CUISSON PAR HAUTES FREQUENCES

(71) NISSENGIKEN CO., LTD [JP/JP]; 23-9, Higashioi 1Cyome, Shinagawa-ku, Tokyo 140-0011 (JP).

(72) IKETSU, Mikio; 52-2-204, Hatagaya-2Cyome, Shibuya-ku, Tokyo 151-0072 (JP). IKETSU, Yoko; 52-2-204, Hatagaya-2Cyome, Shibuya-ku, Tokyo 151-0072 (JP).

(81) CN JP.

(51)⁷ A23L 2/39, 1/308

(11) WO 02/076244 (13) A1

(21) PCT/EP02/03160

(22) 15 Mar/mar 2002 (15.03.2002)

(25) en (26) en

(30) 01201127.6 26 Mar/mar 2001 EP (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BEVERAGE POWDER

- POUDRE POUR BOISSON

(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) WUERSCH, Pierre [CH/CH]; Chemin de la Crausaz 64, CH-1814 La Tour-de-Peilz (CH). BURRI, Josef [CH/CH]; 25, chemin de la Pierraz, CH-1066 Epalinges (CH).

(74) WAVRE, Claude-Alain; P.O. Box 353, 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 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 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 A24C 5/02

(11) WO 02/076245 (13) A1

(21) PCT/JP01/10899

(22) 12 Dec/déc 2001 (12.12.2001)

(25) ja (26) ja

(30) 2001-85113 23 Mar/mar 2001 JP (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SHRED TOBACCO FEEDING APPARATUS FOR CIGARETTE WRAPPING MACHINE

- DISPOSITIF D'ALIMENTATION EN TABAC HACHE POUR MACHINE A CAPER

(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) KUBO, Fumio [JP/JP]; c/o JAPAN TOBACCO INC., Machinery Enterprise Div., 20-46, Horifune 2-chome, Kita-ku, Tokyo 114-0004 (JP). MURAMOTO, Hidenori [JP/JP]; c/o JAPAN TOBACCO INC., Machinery Enterprise Div., 20-46, Horifune 2-chome, Kita-ku, Tokyo 114-0004 (JP). ISHIKAWA, Yoshiaki [JP/JP]; c/o JAPAN TOBACCO INC., 17-7, Yokokawa 1-chome, Sumida-ku, Tokyo 130-8603 (JP). YOSHINARI, Hiroyuki [JP/JP]; c/o JAPAN TOBACCO INC., Koriyama Factory, 8-1, Sotogawara, Koriyama-shi, Fukushima 963-8508 (JP).

(74) NAGATO, Kanji; 5F, SKK Bldg., 8-1, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP).

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

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

(51)⁷ A24D

(11) WO 02/076246 (13) A2

(21) PCT/EP02/03117

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 101 15 120.9 27 Mar/mar 2001 DE (27.03.2001)

(30) 101 41 784.5 25 Aug/août 2001 DE (25.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR PRODUCING A FILTER AND CORRESPONDING FILTER

- PROCEDE ET DISPOSITIF DE FABRICATION D'UN FILTRE ET FILTRE CORRESPONDANT

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

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

(72, 75) HEITMANN, Uwe [DE/DE]; Schärstraße 3, 21031 Hamburg (DE).

(74) NIEDMERS & SEEMANN; Van-der-Smissen-Strasse 3, 22767 Hamburg (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 A24F 15/12

(11) WO 02/076247 (13) A1

(21) PCT/KR02/00464

(22) 19 Mar/mar 2002 (19.03.2002)

(25) ko (26) en

(30) 2001/0007550 U 20 Mar/mar 2001 KR (20.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SEPARABLE CIGARETTE PACKAGE

- PAQUET DE CIGARETTES POUVANT ETRE SEPARÉ EN DEUX

(71) KWANG LIM LTD. [KR/KR]; 370-25 Hapjung-dong, Mapo-ku, Seoul 121-884 (KR).

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

(72, 75) LEE, Dae-Hoon [KR/KR]; 1001 SKChungamdae, 64-29 Chungam-dong, Yongsan-ku, Seoul 140-050 (KR).

(74) LEE, Won-Hee; 8th Fl., Sung-ji Heights II, 642-16, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 A41B
(11) WO 02/076248 (13) A2
(21) PCT/US02/08809
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 60/277,909 22 Mar/mar 2001 US (22.03.2001)
(30) 60/302,173 29 Jun/juin 2001 US (29.06.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • CUSTOMIZED THERAPEUTICS AND IN SITU DIAGNOSTICS
• THERAPEUTIQUES ADAPTEES ET DIAGNOSTICS IN SITU
(71) MINERVA BIOTECHNOLOGIES CORPORATION [US/US]; 142 Church Street, Newton, MA 02458 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BAMDAD, Cynthia, C. [US/US]; 142 Church Street, Newton, MA 02458 (US).
BAMDAD, R., Shoshana [US/US]; 142 Church Street, Newton, MA 02458 (US).
(74) OYER, Timothy, J.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

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

(51)⁷ A41D 31/00, 19/015, 19/04
(11) WO 02/076249 (13) A1
(21) PCT/IT02/00187
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) RM2001A000156 23 Mar/mar 2001 IT (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • MANUFACTURING PROCESS OF CLOTHING PROVIDED WITH PROTECTION ELEMENTS
• PROCEDE DE FABRICATION DE VETEMENTS MUNIS D'ELEMENTS DE PROTECTION
(71) DAINESE S.P.A. [IT/IT]; Via dell'Artigianato, 35, I-36060 Molvena VI (IT).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) DAINESE, Lino [IT/IT]; Dainese S.p.A., Via dell'Artigianato, 35, I-36060 Molvena VI (IT).

(74) LEONE, Mario et al. / etc.; Società Italiana Brevetti S.p.A., Piazza di Pietra, 39, I-00186 Roma (IT).

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

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

Published / Publiée : (c)

(51)⁷ A41G
(11) WO 02/076250 (13) A2
(21) PCT/US02/08559
(22) 19 Mar/mar 2002 (19.03.2002)
(25) en (26) en
(30) 09/815,629 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • DECORATIVE COSTUME AND RELATED METHOD
• DEGUISEMENT DECORATIF ET PROCEDE ASSOCIE
(63) US 09/815,629 (CON) 23 Mar/mar 2001 (23.03.2001)

(71, 72) HOFFMAN, Edward, J. [US/CN]; 20/F, Flat C, Sunrise House, 27 Old Bailey Street, Central (CN).

(74) OLSON, Stephen, T. et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

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

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

(51)⁷ A41H
(11) WO 02/076251 (13) A2
(21) PCT/US02/07169
(22) 8 Mar/mar 2002 (08.03.2002)
(25) en (26) en
(30) 60/274,287 8 Mar/mar 2001 US (08.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • A SYSTEM AND METHOD FOR FITTING CLOTHING
• SYSTEME ET PROCEDE D'AJUSTAGE DE VETEMENTS
(71) SAINT LAURIE, LTD. [US/US]; 22 West 32nd Street, 5th floor, New York, NY 10001 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOZINN, Jacob, Karl [US/US]; Saint Laurie, Ltd., 22 West 32nd Street, 5th floor, New York, NY 10001 (US).

(74) RZUCIDLO, Eugene, C.; Greenberg Traurig LLP, 885 Third Avenue, 21st floor, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 A42B 3/00
(11) WO 02/076252 (13) A1
(21) PCT/US02/09092
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 09/814,310 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • PROTECTIVE HEADGEAR
• CASQUE PROTECTEUR

(71, 72) PENNY, Jackqueline [US/US]; 7-28 Leggett Place, Whitestone, NY 11357 (US).

(72) PENNY, Martin; 7-28 Leggett Place, Whitestone, NY 11357 (US).

(74) DEROSA, Frank, V. et al. / etc.; F. Chau & Associates, LLP, 1900 Hempstead Turnpike, Suite 501, East Meadow, NY 11554 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A42B 3/04, 3/16
(11) WO 02/076253 (13) A1
(21) PCT/NO02/00111
(22) 18 Mar/mar 2002 (18.03.2002)

- (25) no (26) en
- (30) 2001 1558 **27 Mar/mar 2001** NO
(27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • NOISE ATTENUATING DEVICE ESPECIALLY FOR MOTOR CYCLE HELMET
• DISPOSITIF D'ATTENUATION DU BRUIT POUR CASQUE DE MOTO
- (71, 72) HOEL, Karl-Willie [NO/NO]; Heggedalskogen 50, N-1389 Heggedal (NO). BORGUND, Sven, Åge [NO/NO]; Dueåsen 5, N-1388 Borgen (NO).
- (74) SVEINUNGSEN, Jon; Bryns Zacco AS, P.O. Box 765, Sentrum, N-0106 Oslo (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A43B 3/16, 5/04
- (11) WO 02/076254 (13) A1
- (21) PCT/EP02/03139
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) en (26) en
- (30) TV2001U000023 **23 Mar/mar 2001** IT
(23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • OVERSHOE STRUCTURE USEABLE IN COMBINATION WITH A LINER OF A SPORTS FOOTWEAR
• STRUCTURE DE COUVRE-CHAUSSURE S'UTILISANT EN COMBINAISON AVEC UNE DOUBLURE D'ARTICLE CHAUSSANT DE SPORT
- (71) BENETTON GROUP S.P.A. [IT/IT]; Via Villa Minelli, 1, I-31050 Ponzano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZORZI, Claudio [IT/IT]; Via dei Fanti, 17, I-31050 Paderno di Ponzano (IT).
- (74) MODIANO, Guido; Modiano & Associati, Via Meravigli, 16, I-20123 Milan (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A43B 7/22, 13/40
- (11) WO 02/076255 (13) A1
- (21) PCT/EP02/01060
- (22) 1 Feb/fév 2002 (01.02.2002)
- (25) de (26) de
- (30) 0561/01 **26 Mar/mar 2001** CH
(26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • INSOLE FOR SHOES
• SEMELLE INTERIEURE POUR CHAUSSURES
- (71) VITAFLEX DR. WALTER MAUCH GMBH [DE/DE]; Rosspfad 73, 40489 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EVERZ, Manfred [DE/DE]; Forstmannstrasse 86, 45239 Essen (DE).
- (74) PATENTANWÄLTE FELDMANN & PARTNER AG; Kanalstrasse 17, CH-8152 Glattbrugg (CH).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DK DE (Utility model / modèle d'utilité) DM DZ EC EE ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A43B 7/36, H05K 1/18
- (11) WO 02/076256 (13) A1
- (21) PCT/US01/46103
- (22) 23 Oct/oct 2001 (23.10.2001)
- (25) en (26) en
- (30) 09/814,085 **21 Mar/mar 2001** US
(21.03.2001)
- (30) 09/844,798 **27 Apr/avr 2001** US
(27.04.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SOLE STRUCTURE FOR ELECTROSTATIC DISSIPATIVE FOOTWEAR AND METHOD OF MAKING SAME
• STRUCTURE DE TALON POUR CHAUSSURE DISSIPATIVE DE CHARGE ELECTROSTATIQUE, ET PROCÉDE DE FABRICATION DE LA STRUCTURE
- (71, 72) LEE, Chien An [—/—]; 63 AN-HO Road, Section 1, Taipei (TW). JENSEN, Donald, R. [US/US]; 26550 Rookery Lake Drive, Bonita Springs, FL 34134 (US).
- (74) COMNINOU, Maria et al. / etc.; Kirkpatrick & Lockhart LLP, Henry W. Oliver Building, 535 Smithfield Street, Pittsburgh, PA 15222-2312 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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).
-
- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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).
-
- Published / Publiée : (c)
-
- (51)⁷ A43B 23/26, A43C 11/00, A43B 3/24
- (11) WO 02/076257 (13) A1
- (21) PCT/CA01/00379
- (22) 22 Mar/mar 2001 (22.03.2001)
- (25) en (26) en
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • FOOTWEAR WITH DETACHABLE SPAT
• CHAUSSURE A HOUSEAU AMOVIBLE
- (71, 72) MERRY, David [CA/CA]; 31 Old orchard Grove, Toronto, Ontario M5M 2C8 (CA). BOORNE, William, H. [CA/CA]; 8 camforth Drive, Markham, Ontario L3R 7W2 (CA). FENTON, Mitchell [CA/CA]; 130 Glen Manor Drive, Toronto, Ontario M4R 2X6 (CA).
- (74) AITKEN, David, W.; Osler, Hoskin & Harcourt LLP, Suite 1500, 50 O'Connor Street, Ottawa, Ontario K1P 6L2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ A44B 19/16, B65D 33/34, 77/10
- (11) WO 02/076258 (13) A1
- (21) PCT/US01/09282
- (22) 22 Mar/mar 2001 (22.03.2001)
- (25) en (26) en
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CLOSURE DEVICE
• DISPOSITIF DE FERMETURE
- (71) THE GLAD PRODUCTS COMPANY [US/US]; 1221 Broadway, Oakland, CA 94612 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SAVICKI, Alan, F. [US/US]; 577 Beaconsfield Avenue, Naperville, IL 60565 (US).
- (74) AUGUSTYN, John, M. et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 180 North Stetson, Chicago, IL 60601-6780 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 A45D

(11) WO 02/076259 (13) A2

(21) PCT/US02/08765

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,844 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NAIL CLIPPER WITH VIEWING WINDOW

• COUPE-ONGLES A FENETRE DE CONTROLE

(71, 72) HERMIZ, Sofia [GB/US]; 17236 Suffield Drive, Clinton Township, MI 48038 (US).

(74) BENEFIEL, John, R.; Suite 100 B, 280 Daines Street, 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 A45D 26/00

(11) WO 02/076260 (13) A1

(21) PCT/IB02/00702

(22) 5 Mar/mar 2002 (05.03.2002)

(25) en (26) en

(30) 01890096.9 27 Mar/mar 2001 EP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PERSONAL CARE APPARATUS WITH A NOISE PROTECTION CAP

• APPAREIL DE SOINS PERSONNELS A JUPE DE PROTECTION CONTRE LE BRUIT

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

(72) FLOESSHOLZER, Hannes; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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

(81) CN JP.

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

(51)⁷ A45F 5/10

(11) WO 02/076261 (13) A1

(21) PCT/IB01/00774

(22) 23 Apr/avr 2001 (23.04.2001)

(25) de (26) de

(30) 20011528 26 Mar/mar 2001 NO (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CARRYING DEVICE FOR SHOPPING BAGS

• DISPOSITIF DE TRANSPORT POUR SACS PORTATIFS

(71) BAG LIFT AS [NO/NO]; N-6393 Tomrefjord (NO).

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

(72, 75) RÖNNE, Herlow [NO/NO]; N-6393 Tomrefjord (NO). RÖNNE, Odd, Kenneth [NO/NO]; Brunholmsgt. 3b, N-6004 Aalesund (NO).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 A47B

(11) WO 02/076262 (13) A2

(21) PCT/US02/08499

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/815,075 22 Mar/mar 2001 US (22.03.2001)

(30) Not furnished / non communiqué 21 Mar/mar 2002 US (21.03.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SPORTING EQUIPMENT STORAGE SYSTEM

• SYSTEME DE RANGEMENT DE MATERIEL DE SPORT

(71, 72) TUCKER, Timothy, R. [US/US]; 90 Forest Hill Drive, Rochester, NY 14625 (US).

(74) BASCH, Duane, C. et al. / etc.; Greenwald & Basch LLP, Suite 2490, 349 West Commercial Street, East Rochester, NY 14445 (US).

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

(51)⁷ A47B 95/02, A45C 13/22, 13/34, A45F 5/10, F16L 35/00, B25B 17/00, 13/50, 13/00,

23/16, 7/02, B25H 3/00, B26B 27/00, 1/00, B26D 3/16

(11) WO 02/076263 (13) A1

(21) PCT/IL02/00132

(22) 20 Feb/fév 2002 (20.02.2002)

(25) en (26) en

(30) 09/816,566 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE FOR FACILITATING MANUAL GRIPPING OF PIPES AND CONNECTORS

• DISPOSITIF PERMETTANT DE FACILITER LA PRISE MANUELLE DE CONDUITES ET DE CONNECTEURS

(71) EASY-CON LTD. [IL/IL]; 6 Weizman Blvd., 47211 Ramat Hasharon (IL).

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

(72, 75) EKRON, Amir [IL/IL]; 26 Lamerhav St., 47216 Ramat Hasharon (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A47B 96/14, F16B 7/14

(11) WO 02/076264 (13) A1

(21) PCT/IT02/00181

(22) 21 Mar/mar 2002 (21.03.2002)

(25) it (26) en

(30) MI2001A000620 23 Mar/mar 2001 IT (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A TELESCOPIC SUPPORT ROD AND A METHOD OF BRINGING ABOUT LOCKING BETWEEN TWO TUBULAR ELEMENTS THEREOF

• TIGE DE SUPPORT TÉLESCOPIQUE ET PROCÉDÉ DE BLOCAGE DES DEUX ÉLÉMENTS TUBULAIRES DE CETTE TIGE

(71) ESMA DI BOARO DECIMO [IT/IT]; Via Marini, 61, I-36022 Cassola (IT).

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

(72, 75) BATTAGLIA, Luca [IT/IT]; Via G. Sterni, 71, I-36022 Cassola (IT). BOARO, Decimo [IT/IT]; Via Marini, 61, I-36022 Cassola (IT).

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

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

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

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

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 CH CY DE DK ES FI FR GB GR
IE 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 A47C 17/80 // B60P 3/38

(11) WO 02/076265 (13) A1

(21) PCT/SE02/00584

(22) 22 Mar/mar 2002 (22.03.2002)

(25) sv (26) en

(30) 0101024-8 23 Mar/mar 2001 SE
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • BED WITH VARIABLE SURFACE SIZE
• LIT À SURFACE VARIABLE

(71) SCANIA CV AB (publ) [SE/SE]; S-151 87
Södertälje (SE).

(72) HÅKANSSON, Patrik; Gränerum 3, S-572
91 Oskarshamn (SE). SLEUTJES, Tom; van
Leeuwenhoekweg 36, NL-5482 TK Schijndel
(NL). VERHOEVEN, Marc; van Leeuwen-
hoekweg 36, NL-5482 TK sCHIJNDEL
(NL). VAN RENS, Frans; Hastelweg 222,
NL-5652 CL Eindhoven (NL).

(74) SJÖRGREN, Stina et al. / etc.; Scania CV
AB, Patents, S-151 87 Södertälje (SE).

(81) BR DE.

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

(51)⁷ A47C 20/04

(11) WO 02/076266 (13) A1

(21) PCT/FR02/01047

(22) 26 Mar/mar 2002 (26.03.2002)

(25) fr (26) fr

(30) 01/04163 28 Mar/mar 2001 FR
(28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • BED EQUIPPED WITH A BACK ELE-
VATOR

• LIT MUNI D'UN RELEVÉ-DOS

(71) HILL-ROM S.A.S [FR/FR]; Zone Indus-
trielle de Talhouët, F-56330 Pluvigner (FR).

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

(72, 75) GIPPERT, Christian [FR/FR]; 8,
rue Bernard Palissy, F-56700 Hennebont
(FR). LE BOEUF, Guénaël [FR/FR];
Saint-Colombier, F-56370 Sarzeau (FR).

(74) BOMER, Françoise; Cabinet Regimbeau,
Espace Performance - Bâtiment K, F-35769
Saint Grégoire 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 CH CY DE DK ES
FI FR GB GR IE 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 A47C 20/04, A61G 7/015, B60N 2/34

(11) WO 02/076267 (13) A1

(21) PCT/SE01/02698

(22) 6 Dec/déc 2001 (06.12.2001)

(25) sv (26) en

(30) 0101017-2 23 Mar/mar 2001 SE
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • ADJUSTABLE BED
• LIT REGLABLE

(71) PROTON INDUSTRIES AB [SE/SE]; Box
1002, S-331 29 Värnamo (SE).

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

(72, 75) LUNDREN, Mats [SE/SE]; Björkgatan
12, S-568 23 Skillingaryd (SE). NILSSON,
Bo [SE/SE]; Ingatorp, Åminne, S-331 91
Värnamo (SE). WALLEFORS, Fredrik
[SE/SE]; Syskonhamnsgatan 12A, S-302
45 Halmstad (SE). KENNERYD, Bengt
[SE/SE]; Brogatan 20, S-302 43 Halmstad
(SE). HELLUND, Pertti [SE/SE]; Barrstigen
6, S-568 32 Skillingaryd (SE). ROOS,
Tommy [SE/SE]; Mogatan 33, S-568 32
Skillingaryd (SE).

(74) WALLENGREN, Yngvar et al. / etc.;
Patentbyrå Y Wallengren AB, Box 116,
S-331 21 Värnamo (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE 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 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 A47F 3/04, F25D 25/02

(11) WO 02/076268 (13) A1

(21) PCT/FR02/00482

(22) 8 Feb/fév 2002 (08.02.2002)

(25) fr (26) fr

(30) 01/04129 27 Mar/mar 2001 FR
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • SHELF FOR SUPPORTING ITEMS,
PARTICULARLY IN REFRIGERATED
INSTALLATIONS

• ETAGERE POUR LE SUPPORT D'AR-
TICLES, EN PARTICULIER DANS DES
INSTALLATIONS REFRIGERÉES

(71) SAINT-GOBAIN GLASS FRANCE
[FR/FR]; "Les Miroirs", 18, avenue d'Al-
sace, F-92400 Courbevoie (FR).

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

(72, 75) VARDON, François [FR/IT]; Via Po n°
4, I-12011 Borgo San Dalmazzo (IT).

(74) MULLER, René; Saint-Gobain Recherche,
39, quai Lucien Lefranc, F-93300 Aubervil-
liers (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 ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 A47J 19/06

(11) WO 02/076269 (13) A1

(21) PCT/CA02/00404

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 2,342,082 22 Mar/mar 2001 CA
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • DEVICE FOR PROCESSING HERB
BULBS

• DISPOSITIF DE TRAITEMENT DE
BULBES DE PLANTES AROMA-
TIQUES

(71, 72) KENNY, Edwin [CA/CA]; 376 Arling-
ton Crescent, Beaconsfield, Québec H9W
2K5 (CA).

(74) MITCHELL, Robert et al. / etc.; Ogilvy
Renault, Suite 1600, 1981 McGill College
Avenue, Montréal, Québec H3A 2Y3 (CA).

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

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

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A47J 31/06
 (11) WO 02/076270 (13) A1
 (21) PCT/IT01/00147
 (22) 23 Mar/mar 2001 (23.03.2001)
 (25) it (26) en
 (43) 3 Oct/oct 2002 (03.10.2002)

(54) • UNTI FOR PREPARING BEVERAGES FROM SOLUBLE PRODUCTS

- UNITE DE PREPARATION DE BOISSONS A PARTIR DE PRODUITS SOLUBLES

(71) TUTTOESPRESSO S.P.A. [IT/IT]; Via Trieste, 49, I-21042 Caronno Pertusella (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAJER DOGLIONI, Luca [IT/IT]; Via Vincenzo Monti, 57, I-20145 Milano (IT).

(74) VALENTINI, Giuliano; Marietti e Gislon S.r.l., Via Larga, 16, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 A47J 31/10, F24C 7/02, G07F 13/06

(11) WO 02/076271 (13) A1
 (21) PCT/JP02/02803
 (22) 22 Mar/mar 2002 (22.03.2002)
 (25) ja (26) ja
 (30) 2001-130327 23 Mar/mar 2001 JP (23.03.2001)
 (30) 2001-184087 14 May/mai 2001 JP (14.05.2001)
 (30) 2001-242960 4 Jul/juil 2001 JP (04.07.2001)
 (30) 2001-348076 10 Oct/oct 2001 JP (10.10.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)

(54) • DRINK EXTRACTING DEVICE AND DRINK EXTRACTING VENDING MACHIN
 • DISPOSITIF D'EXTRACTION DE BOISSON ET DISTRIBUTEUR DE BOISSONS

(71, 72) IKOMA, Tatsuo [JP/JP]; 2-34-24 Tsuda-Kitamachi, Hirakata City, Osaka 573-0121 (JP). HIROSE, Fuminori [JP/JP]; 9-72-1 Higashiyama, Hirakata City, Osaka 573-1114 (JP). TANAKA, Hiroshi [JP/JP]; 416-1-8-6 Makami Chou, Takatsuki City, Osaka 569-1121 (JP).

(72, 75) NAKAMURA, Takeshi [JP/JP]; 19-17-6 Kuraji, Katano City, Osaka 576-0051 (JP).

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

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

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for the following designation / pour la désignation suivante : US (u) for / pour US only / seulement

(51)⁷ A47J 37/00

(11) WO 02/076272 (13) A2
 (21) PCT/ZA02/00050
 (22) 26 Mar/mar 2002 (26.03.2002)
 (25) en (26) en
 (30) 01/2447 26 Mar/mar 2001 ZA (26.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)

(54) • COOKING APPARATUS
 • APPAREIL DE CUISSON

(71) COBB INTERNATIONAL LIMITED [ZA/ZA]; 767 Sixth Street, Wynberg, 2090 Sandton (ZA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HALL, Kenneth Michael [ZA/ZA]; c/o 767 Sixth Street, Wynberg, 2090 Sandton (ZA).

(74) LE ROUX, Marius; D M Kisch Inc, P.O. Box 781218, 2146 Sandton (ZA).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 A47J 42/56

(11) WO 02/076273 (13) A1
 (21) PCT/FR02/00902

(22) 14 Mar/mar 2002 (14.03.2002)

(25) fr (26) fr
 (30) 01/03876 22 Mar/mar 2001 FR (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELECTRIC HOUSEHOLD APPLIANCE FOR FOOD PROCESSING COMPRISING A ROTARY TOOL AND A DOUBLE SAFETY DEVICE

- APPAREIL ELECTROMENAGER DE PREPARATION CULINAIRE COMPORTANT UN OUTIL ROTATIF ET UN DOUBLE DISPOSITIF DE SECURITE

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

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

(72, 75) SMIT, Robert [FR/FR]; 9, rue du Pic du Midi, F-65290 Louey (FR). ROUYER, Philippe [FR/FR]; Route de Tarbes, F-65380 Ossun (FR).

(74) KIEHL, Hubert; SEB Développement, Chemin du Petit Bois, B.P. 172, F-69132 Ecully 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 A47J 43/08, 43/07

(11) WO 02/076274 (13) A1
 (21) PCT/EP02/01774
 (22) 20 Feb/fév 2002 (20.02.2002)
 (25) de (26) de
 (30) 101 14 373.7 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HAND MIXER OR HAND BLENDER COMPRISING A COUPLING DEVICE
 • BATTEUR A MAIN OU SUR PIED MUNI D'UN DISPOSITIF D'ACCOUPLLEMENT

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

(72) GILI, Sergi; C/. Castella, 46, E-08820 El Prat del Llobregat (ES). REBORDOSA, Antonio; Can Guineu, Nr. 14, Brucardes, E-08272 Sant Fruits de Bages (ES). PENARANDA, Mariano; C/. Rosa Sensat, 20, E-08005 Barcelona (ES). RAFOLS, Robert; C/. Cirerers, 17, E-08100 Sant Fost de Campcentelles (ES).

(74) BRAUN GMBH; Frankfurter Strasse 145, 61476 Kronberg (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 A47K 3/12, E04F 15/22, E04H 4/06

(11) WO 02/076275 (13) A1

(21) PCT/NO02/00091

(22) 5 Mar/mar 2002 (05.03.2002)

(25) no (26) en

(30) 2001.1149 7 Mar/mar 2001 NO (07.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LINING

• REVETEMENT

(71, 72) PLEYM, Viggo [NO/NO]; Postboks 1121 Skurva, N-2601 Lillehammer (NO).

(74) ABC-PATENT, SIVILING. ROLF CHR. B. LARSEN A.S.; Postboks 6150 Etterstad, Brynsveien 5, N-0602 Oslo (NO).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 A47L 9/10, B01D 50/00

(11) WO 02/076276 (13) A1

(21) PCT/EP02/00838

(22) 25 Jan/jan 2002 (25.01.2002)

(25) en (26) en

(30) PD01A000029 7 Feb/fév 2001 IT (07.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FILTERING UNIT FOR DOMESTIC AND/OR INDUSTRIAL CLEANING MACHINES SUCH AS VACUUM CLEANERS OR ELECTRIC BROOMS, OR FOR AIR CLEANING MACHINES

• UNITE DE FILTRATION POUR MACHINES DE NETTOYAGE DOMESTIQUES ET/OU INDUSTRIELLES TELLES QU'ASPIRATEURS OU BALAIS ELECTRIQUES, OU POUR MACHINES D'EPURATION DE L'AIR

(71) T.P.A. IMPEX S.P.A. [IT/IT]; Piazzetta Albere, 3/4, I-36060 Romano D'Ezzelino (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AMORETTI, Luigi [IT/IT]; Via Col Roigo, 2, I-36065 Mussolente (IT).

(74) MODIANO, Guido; Modiano & Associati, Via Meravigli, 16, I-20123 Milano (IT).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A47L 13/24

(11) WO 02/076277 (13) A1

(21) PCT/EP02/02130

(22) 28 Feb/fév 2002 (28.02.2002)

(25) de (26) de

(30) 101 11 251.3 9 Mar/mar 2001 DE (09.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DAMP MOP COVER

• GARNITURE DE TYPE SERPILLIERE HUMIDE

(71) HENKEL ECOLAB GMBH & CO. OHG [DE/DE]; Reisholzer Werftstr. 38-42, 40589 Düsseldorf (DE).

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

(72, 75) KRESSE, Franz [DE/DE]; Am Bruchhauser Kamp 12, 40723 Hilden (DE).
FAUBEL, Heiko [DE/DE]; Löh 32, 42929 Wermelskirchen (DE).

(81) PL US.

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

(51)⁷ A47L 15/42, 15/44

(11) WO 02/076278 (13) A2

(21) PCT/GB02/01184

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 0107593.6 27 Mar/mar 2001 GB (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A DEVICE

• DISPOSITIF

(71) RECKITT BENCKISER N.V. [NL/NL]; Kantoorgebouw De Appelaer, De Fruittuinen 2-12, 2132 NZ Hoofddorp (NL).

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

(71) RECKITT BENCKISER (UK) LIMITED [GB/GB]; 103-105 Bath Road, Slough, Berkshire SL1 3UH (GB).

(only for / seulement pour MN)

(72, 75) HAHN, Karlheinz [DE/DE]; Reckitt Benckiser produktions GmbH, Benckiser

Platz 1, 67059 Ludwigshafen (DE).
SCHICK, Jürgen [DE/DE]; Reckitt Benckiser Produktions GmbH, Benckiser Platz 1, 67059 Ludwigshafen (DE).
SCHULTHEIS, Tobias [DE/DE]; B2, 5, 68159 Mannheim (DE).

(74) BROWN, Andrew, Stephen et al. / etc.; Reckitt Benckiser plc, Group Patents Department, Dansom Lane, Hull HU8 7DS (GB).

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

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

(51)⁷ A61B

(11) WO 02/076279 (13) A2

(21) PCT/IL02/00230

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 142228 23 Mar/mar 2001 IL (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND SYSTEM FOR INTUBATION

• PROCEDE ET SYSTEME D'INTUBATION

(71) HOSPITEC INC. [US/IL]; c/o Colint Ltd., 18 Shadmot Dvora Street, 75289 Rishon le Zion (IL).

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

(72, 75) EFRATI, Shai [IL/IL]; Colint Ltd., 18 Shadmont Dvora Street, 75289 Rishon le Zion (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 US UZ VN YU ZA ZM ZW.

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

| | | | | | |
|--|--|---------------------------------------|--|---|----|
| RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG). | (25) en | (26) en | (30) 60/322,909 | 17 Sep/sep 2001 | US |
| | (30) 60/246,413 | 7 Nov/nov 2000 (07.11.2000) | US | 17.09.2001 | |
| | (43) 3 Oct/oct 2002 (03.10.2002) | | (30) 60/342,436 | 21 Dec/déc 2001 (21.12.2001) | US |
| (51) ⁷ A61B | | | (30) 10/093,774 | 8 Mar/mar 2002 (08.03.2002) | US |
| (11) WO 02/076280 | (13) A2 | | (43) 3 Oct/oct 2002 (03.10.2002) | | |
| (21) PCT/IL02/00231 | | | (54) • MICRO-INVASIVE NUCLEOTOMY DEVICE AND METHOD | | |
| (22) 21 Mar/mar 2002 (21.03.2002) | | | • METHODE ET DISPOSITIF DE NUCLEOTOMIE MICRO-INVASIF | | |
| (25) en | (26) en | | (71) DEVONREX, INC. [US/US]; 26911 Windsor Drive, San Juan Capistrano, CA 92675 (US). | | |
| (30) 09/815,015 | 23 Mar/mar 2001 (23.03.2001) | US | <i>(for all designated States except / pour tous les États désignés sauf US)</i> | | |
| (30) 60/303,338 | 9 Jul/juil 2001 (09.07.2001) | US | (72, 75) PFLUEGER, D., Russell [US/US]; 26911 Windsor Drive, San Juan Capistrano, CA 92675 (US). | | |
| (43) 3 Oct/oct 2002 (03.10.2002) | | | (74) UXA, Frank, J.; Stout, Uxa, Buyan & Mullins, 4 Venture, Suite 300, Irvine, CA 92618 (US). | | |
| (54) • METHODS AND KITS FOR DETERMINING A RISK TO DEVELOP CANCER, FOR EVALUATING AN EFFECTIVENESS AND DOSAGE OF CANCER THERAPY AND FOR CORRELATING BETWEEN AN ACTIVITY OF A DNA REPAIR ENZYME AND A CANCER | | | (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW. | | |
| • METHODES ET TROUSSES SERVANT A DETERMINER LE RISQUE DE DEVELOPPER UN CANCER, A EVALUER L'EFFICACITE ET LA POSSOLOGIE D'UNE THERAPIE ANTICANCEREUSE, ET A ETABLIR LA CORRELATION EXISTANT ENTRE L'ACTIVITE D'UNE ENZYME DE REPARATION DE L'ADN ET UN CANCER | | | (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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) YEDA RESEARCH AND DEVELOPMENT CO. LTD. [IL/IL]; The Weizmann Institute of Science, P.O. Box 95, 76 100 Rehovot (IL). | | | | | |
| <i>(for all designated States except / pour tous les États désignés sauf US)</i> | | | | | |
| (72, 75) LIVNEH, Zvi [IL/IL]; 12 Bustenai Street, 76 289 Rehovot (IL). PAZ-ELIZUR, Tamar [IL/IL]; 12 Bustenai Street, 76 289 Rehovot (IL). BLUMENSTEIN, Sara [IL/IL]; 40 Gluskin Street, 76 470 Rehovot (IL). | | | | | |
| (74) G. E. EHRlich (1995) LTD.; 28 Bezalel Street, 52 521 Ramat Gan (IL). | | | | | |
| (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW. | | | | | |
| (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 | | | (51) ⁷ A61B | | |
| (11) WO 02/076281 | (13) A2 | | (11) WO 02/076282 | (13) A2 | |
| (21) PCT/US01/50978 | | | (21) PCT/US02/00529 | | |
| (22) 7 Nov/nov 2001 (07.11.2001) | | | (22) 7 Jan/jan 2002 (07.01.2002) | | |
| | | | (25) en | (26) en | |
| | | | (30) 60/259,822 | 5 Jan/jan 2001 (05.01.2001) | US |
| | | | (43) 3 Oct/oct 2002 (03.10.2002) | | |
| | | | (54) • METHOD FOR QUANTITATIVE ANALYSIS OF BLOOD VESSEL STRUCTURE | | |
| | | | • PROCEDE D'ANALYSE DE LA STRUCTURE DE VAISSEAUX SANGUINS | | |
| | | | (71) TISSUEINFORMATICS, INC. [US/US]; 711 Bingham Street, Suite 202, Pittsburgh, PA 15203 (US). | | |
| | | | (72) JOHNSON, Peter, C.; 10017 Valley View Court, Wexford, PA 15097 (US). SHAH, Sujal; 228 Adams Pointe Boulevard, #5, Mars, PA 16046 (US). FUHRMAN, Michael, G.; 6837 Morrowfield Avenue, Pittsburgh, PA 15217 (US). ABDUL-KARIM, Othman, A.; 159 North South Drive, Pittsburgh, PA 15237 (US). | | |
| | | | (74) HEIDELBERGER, Louis, M.; ReedSmith LLP, 1650 Market Street, 2500 One Liberty Place, Philadelphia, PA 19103 (US). | | |
| | | | (81) CA JP. | | |
| | | | (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR). | | |
| | | | (51) ⁷ A61B | | |
| | | | (11) WO 02/076283 | (13) A2 | |
| | | | (21) PCT/US02/07899 | | |
| | | | (22) 14 Mar/mar 2002 (14.03.2002) | | |
| | | | (25) en | (26) en | |
| | | | (30) 60/278,128 | 23 Mar/mar 2001 (23.03.2001) | US |
| | | | (30) 60/281,848 | 5 Apr/avr 2001 (05.04.2001) | US |
| | | | (30) 60/305,178 | 13 Jul/juil 2001 (13.07.2001) | US |
| | | | (30) 60/322,909 | 17 Sep/sep 2001 (17.09.2001) | US |
| | | | (30) 60/342,436 | 21 Dec/déc 2001 (21.12.2001) | US |
| | | | (30) 10/093,774 | 8 Mar/mar 2002 (08.03.2002) | US |
| | | | (43) 3 Oct/oct 2002 (03.10.2002) | | |
| | | | (54) • MICRO-INVASIVE NUCLEOTOMY DEVICE AND METHOD | | |
| | | | • METHODE ET DISPOSITIF DE NUCLEOTOMIE MICRO-INVASIF | | |
| | | | (71) DEVONREX, INC. [US/US]; 26911 Windsor Drive, San Juan Capistrano, CA 92675 (US). | | |
| | | | <i>(for all designated States except / pour tous les États désignés sauf US)</i> | | |
| | | | (72, 75) PFLUEGER, D., Russell [US/US]; 26911 Windsor Drive, San Juan Capistrano, CA 92675 (US). | | |
| | | | (74) UXA, Frank, J.; 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 US UZ VN YU ZA ZM ZW. | | |
| | | | (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 | | |
| | | | (11) WO 02/076284 | (13) A2 | |
| | | | (21) PCT/US02/08805 | | |
| | | | (22) 22 Mar/mar 2002 (22.03.2002) | | |
| | | | (25) en | (26) en | |
| | | | (30) 60/278,153 | 23 Mar/mar 2001 (23.03.2001) | US |
| | | | (30) 60/279,974 | 29 Mar/mar 2001 (29.03.2001) | US |
| | | | (30) 60/279,973 | 29 Mar/mar 2001 (29.03.2001) | US |
| | | | (30) 60/280,038 | 30 Mar/mar 2001 (30.03.2001) | US |
| | | | (30) 60/283,820 | 13 Apr/avr 2001 (13.04.2001) | US |
| | | | (30) 60/312,217 | 14 Aug/août 2001 (14.08.2001) | US |
| | | | (30) 60/339,481 | 26 Oct/oct 2001 (26.10.2001) | US |
| | | | (30) 60/348,424 | 14 Jan/jan 2002 (14.01.2002) | US |
| | | | (30) 10/068,700 | 5 Feb/fév 2002 (05.02.2002) | US |
| | | | (30) 10/068,264 | 5 Feb/fév 2002 (05.02.2002) | US |
| | | | (30) 10/090,968 | 5 Mar/mar 2002 (05.03.2002) | US |
| | | | (43) 3 Oct/oct 2002 (03.10.2002) | | |
| | | | (54) • METHOD AND APPARATUS FOR REDUCING MITRAL REGURGITATION | | |

- PROCEDE ET DISPOSITIF DESTINES A REDUIRE LA REGURGITATION MITRALE
- (71) VIACOR, INC. [US/US]; 66 H Concord Street, Wilmington, MA 01887 (US).
- (72) COHN, William, E.; 104 Lagrange Street, Chestnut Hill, MA 02467 (US). LIDDI-COAT, John, R.; Barberry Farm, Barberry Road, Sewickley, PA 15143 (US). STREETER, Richard, B.; 66 Brookside Avenue, Winchester, MA 01890 (US). TAYLOR, Daniel, C.; 35 Fanucil Street, Brighton, MA 02135 (US). WOOLFSON, Steven, B.; 85 East India Row, Apt. 39G, Boston, MA 02110-3394 (US).
- (74) PANDISCIO, Mark, J.; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02451-1914 (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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
- (11) WO 02/076286 (13) A2
- (21) PCT/US02/09068
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) en (26) en
- (30) 09/816,460 23 Mar/mar 2001 US (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PROGNOSTIC METHODS FOR BREAST CANCER
• METHODES DE PRONOSTIC POUR LE CANCER DU SEIN
- (71) CALIFORNIA PACIFIC MEDICAL CENTER [US/US]; 2340 Clay Street, San Francisco, CA 94155 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DAIRKEE, Shanaz, H. [US/US]; 5 Culver Court, Orinda, CA 94563 (US). LI, Zheng [US/US]; 669 Dartmoor Lane, #350, Hayward, CA 94544 (US).
- (74) LILLIS, Marcella; Cooley Godward LLP, 3000 El Camino Real, Five Palo Alto Square, Palo Alto, CA 94306-2155 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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
- (11) WO 02/076285 (13) A2
- (21) PCT/US02/09001
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 60/278,534 23 Mar/mar 2001 US (23.03.2001)
- (30) 60/352,085 24 Jan/jan 2002 US (24.01.2002)
- (30) Not furnished / 22 Mar/mar 2002 US non communiqué (22.03.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMPOSITION AND METHODS FOR THE PRODUCTION OF BIOLOGICAL TISSUES AND TISSUE CONSTRUCTS
• COMPOSITION ET METHODES DE PRODUCTION DE TISSUS BIOLOGIQUES ET DE CONSTRUCTIONS TISSULAIRES
- (71) HISTOGENICS CORPORATION [US/US]; Suite 19, 116 Pleasant Street, Easthampton, MA 01027 (US). TAKAGO INDUSTRIAL COMPANY, LTD. [JP/JP]; Nishikashiwarashinden, Fuji-Shi, Shizuoka 417-8505 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TARRANT, Lawrence, J. [US/US]; Suite 19, 116 Pleasant Street, Easthampton, MA 01027 (US). MIZUNO, Shuichi [JP/US]; Apartment 401, 60 Longwood Avenue, Brookline, MA 02446 (US). TOKUNO, Toshimasa [JP/US]; 1-16-1 Chitodai, Setagaya-ku, Tokyo 157-0071 (JP).
- (74) CARROLL, Peter, G. et al. / etc.; Medlen & Carroll, LLP, Suite 350, 101 Howard Street, San Francisco, CA 94105 (US).
- (72) ROBY, Mark; 11 Grace Lane, Killingworth, CT 06419 (US). KENNEDY, John; 101 Hoyt Lane, Guilford, CT 06437 (US). STEVENSON, Richard; 101 Pine Brook Road, Colchester, CT 06415 (US).
- (74) FARBER, Mark; Tyco Healthcare 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) 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 A61B
- (11) WO 02/076288 (13) A2
- (21) PCT/US02/09514
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (30) 60/279,019 27 Mar/mar 2001 US (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • BIODEGRADABLE, ELECTRICALLY CONDUCTIONG POLYMER FOR TISSUE ENGINEERING APPLICATIONS
• POLYMERE BIODEGRADABLE CONDUISANT L'ELECTRICITE DESTINE A DES APPLICATIONS DU GENIE TISSULAIRE
- (71) BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 201 West 7th Street, Austin, TX 78701 (US).
- (71, 72) SCHMIDT, Christine, E. [US/US]; 9002 Currywood Drive, Austin, TX 78759 (US). RIVERS, Tyrell, J. [US/US]; 7712 Montgomery Avenue, Elkins Park, PA 19027 (US).
- (74) WARREN, Sanford, E., Jr. et al. / etc.; Gardere Wynne Sewell LLP, Suite 3000, 1601 Elm Street, Dallas, TX 75201-4761 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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
- (11) WO 02/076287 (13) A2
- (21) PCT/US02/09495
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (30) 60/278,687 26 Mar/mar 2001 US (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • OIL COATED SUTURES
• SUTURES ENDUITES D'HUILE
- (71) TYCO HEALTHCARE GROUP LP [US/US]; 150 Glover Avenue, Norwalk, CT 06856 (US).
- (51)⁷ A61B
- (11) WO 02/076289 (13) A2
- (21) PCT/US02/09543
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (30) 60/279,018 27 Mar/mar 2001 US (27.03.2001)

- Hoke, S.** [US/US]; 6965 Golfcrest Drive, #2062, San Diego, CA 92119 (US).
- (74) **MAXHAM, Lawrence, A.;** The Maxham Firm, 750 B Street, Suite 3100, San Diego, CA 92101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 5/11, 5/103**
- (11) **WO 02/076295** (13) A1
- (21) PCT/AU02/00329
- (22) **21 Mar/mar 2002 (21.03.2002)**
- (25) en (26) en
- (30) PR 4008 **27 Mar/mar 2001 AU (27.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • A FOOT MOVEMENT MONITORING AND MEASURING DEVICE
- DISPOSITIF DE MESURE ET DE SURVEILLANCE DE MOUVEMENT DU PIED
- (71, 72) **KINCHINGTON, Michael** [AU/AU]; 6 Meadway Close, Pymble, NSW 2073 (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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **A61B 6/00**
- (11) **WO 02/076296** (13) A1
- (21) PCT/FI02/00264
- (22) **27 Mar/mar 2002 (27.03.2002)**
- (25) en (26) en
- (30) 20010634 **27 Mar/mar 2001 FI (27.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND ARRANGEMENT FOR IMPLEMENTING THE MOVEMENTS OF THE FUNCTIONAL ELEMENTS OF X-RAY IMAGING EQUIPMENT

- PROCEDE ET SYSTEME POUR EXECUTER LES MOUVEMENTS DES ELEMENTS FONCTIONNELS D'UN APPAREIL D'IMAGERIE A RAYONS X
- (71) **PLANMECA OY** [FI/FI]; Asentajankatu 6, FIN-00880 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DE GODZINSKY, Christian** [FI/FI]; Skuggbacken 4, FIN-01260 Vanda (FI).
MÜLLER, Timo [FI/FI]; Kelkkämäki 4 A, FIN-02610 Espoo (FI).
- (74) **TAWAST, Juha;** Planmeca Oy, Asentajankatu 6, FIN-00880 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).
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- (51)⁷ **A61B 6/00**
- (11) **WO 02/076297** (13) A1
- (21) PCT/JP02/02328
- (22) **13 Mar/mar 2002 (13.03.2002)**
- (25) ja (26) ja
- (30) 2001-85404 **23 Mar/mar 2001 JP (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • IMAGE DISPLAY APPARATUS
- DISPOSITIF D'AFFICHAGE D'IMAGES
- (71) **MITSUBISHI SPACE SOFTWARE CO., LTD.** [JP/JP]; 4-1, Hamamatsucho 2-chome, Minato-ku, Tokyo 105-6137 (JP).
- (72) **YATA, Yugi;** c/o Mitsubishi Space Software Co., Ltd., Kansai Division, Fuji Techno-square, 4-36, Tsukaguchi-honmachi 5-chome, Amagasaki-shi, Hyogo 661-0001 (JP).
TSURUTA, Hisae; c/o Mitsubishi Space Software Co., Ltd., Kansai Division, Fuji Techno-square, 4-36, Tsukaguchi-honmachi 5-chome, Amagasaki-shi, Hyogo 661-0001 (JP).
SATO, Koichi; c/o Mitsubishi Space Software Co., Ltd., Kansai Division, Fuji Techno-square, 4-36, Tsukaguchi-honmachi 5-chome, Amagasaki-shi, Hyogo 661-0001 (JP).
- (74) **SANO, Hiroshi;** 3F, Namisho Building, 3-7, Shinkawa 2-chome, Chuo-ku, Tokyo 104-0033 (JP).
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **A61B 6/04**
- (11) **WO 02/076298** (13) A2
- (21) PCT/DE02/00824
- (22) **7 Mar/mar 2002 (07.03.2002)**
- (25) de (26) de
- (30) 101 13 855.5 **21 Mar/mar 2001 DE (21.03.2001)**

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MEDICAL EXAMINATION AND/OR TREATMENT DEVICE WITH A TRANSPORT CARRIAGE FOR A PATIENT BED AND TRANSPORT CARRIAGE
- DISPOSITIF D'EXAMEN ET/OU DE TRAITEMENT MEDICAL COMPRENANT UN CHARIOT TRANSPORTEUR POUR UN LIT D'EXAMEN ET CHARIOT TRANSPORTEUR
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BARTELS, Frank** [DE/DE]; Königsheidering 63, 95466 Weidenberg (DE).
HEINOLD, Michael [DE/DE]; Franzensbader Str. 1, 95469 Speichersdorf (DE).
REIMANN, Rolf [DE/DE]; Am Eichenwald 13, 91301 Forchheim (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT;** Postfach 22 16 34, 80506 München (DE).
- (81) JP NO 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 : JP NO 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
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- (51)⁷ **A61B 10/00**
- (11) **WO 02/076299** (13) A1
- (21) PCT/US02/07900
- (22) **14 Mar/mar 2002 (14.03.2002)**
- (25) en (26) en
- (30) 60/278,128 **23 Mar/mar 2001 US (23.03.2001)**
- (30) 60/281,848 **5 Apr/avr 2001 US (05.04.2001)**
- (30) 60/305,178 **13 Jul/juil 2001 US (13.07.2001)**
- (30) 60/322,909 **17 Sep/sep 2001 US (17.09.2001)**
- (30) 60/342,436 **21 Dec/déc 2001 US (21.12.2001)**
- (30) Not furnished / non communiqué **8 Mar/mar 2002 US (08.03.2002)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MICRO-INVASIVE TISSUE REMOVAL DEVICE
- APPAREIL A EXTRAIRE UN TISSU MICRO-INVASIF
- (71) **DEVONREX, INC.** [US/US]; 26911 Windsor Drive, San Juan Capistrano, CA 92675 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PFLUEGER, D., Russell** [US/US]; 26911 Windsor Drive, San Juan Capistrano, CA 92675 (US).
- (74) **UXA, Frank, J.;** 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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61B 10/00

(11) WO 02/076300 (13) A1

(21) PCT/US02/07954

(22) 14 Mar/mar 2002 (14.03.2002)

(25) en (26) en

(30) 60/278,128 23 Mar/mar 2001 US (23.03.2001)

(30) 60/281,848 5 Apr/avr 2001 US (05.04.2001)

(30) 60/305,178 13 Jul/juil 2001 US (13.07.2001)

(30) 60/322,909 17 Sep/sep 2001 US (17.09.2001)

(30) 60/342,436 21 Dec/déc 2001 US (21.12.2001)

(30) Not furnished / 8 Mar/mar 2002 US non communiqué (08.03.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MICRO-INVASIVE BREAST BIOPSY DEVICE
• DISPOSITIF DE BIOPSIE MAMMAIRE MICRO-INVASIF

(71) DEVONREX, INC. [US/US]; 26911 Windsor Drive, San Juan Capistrano, CA 92675 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PFLUEGER, D., Russell [US/US]; 26911 Windsor Drive, San Juan Capistrano, CA 92675 (US).

(74) UXA, Frank, J.; 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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61B 13/00

(11) WO 02/076301 (13) A1

(21) PCT/US02/08824

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/277,691 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • APPARATUS AND METHOD FOR TESTING VISUAL ACUITY AND FIXATION CONTROL
• DISPOSITIF ET PROCÉDE SERVANT A CONTROLER L'ACUITE ET LA FIXATION VISUELLE

(71, 72) MARINO, Joseph, A. [US/US]; 201 West Cuttriss Place, Park Ridge, IL 60068 (US). NORDSTROM, Steven [US/US]; 906 South Garfield Boulevard, Hinsdale, IL 60521 (US).

(74) NAUMAN, Timothy, E.; Fay, Sharpe, Fagan, Minnich & McKee LLP, 1100 Superior Avenue, 7th Floor, Cleveland, OH 44114 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61B 17/00, B25J 9/16, G05B 19/401

(11) WO 02/076302 (13) A2

(21) PCT/EP02/03334

(22) 25 Mar/mar 2002 (25.03.2002)

(25) de (26) de

(30) 101 14 910.7 26 Mar/mar 2001 DE (26.03.2001)

(30) 101 15 170.5 28 Mar/mar 2001 DE (28.03.2001)

(30) 101 17 403.9 6 Apr/avr 2001 DE (06.04.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE SYSTEM FOR REMOVING MATERIAL OR FOR WORKING MATERIAL
• PROCÉDE ET APPAREIL POUR EXTRAIRE DE LA MATIERE OU POUR TRAVAILLER DE LA MATIERE

(71) LB MEDICAL GMBH [DE/DE]; Kurfürstendamm 213, 10719 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LÜTH, Tim [DE/DE]; Hohlbeinstr. 52, 12203 Berlin (DE). BIER, Jürgen [DE/DE]; Kurfürstendamm 213, 10719 Berlin (DE). BIER, Angelika [DE/DE]; Kurfürstendamm 213, 10719 Berlin (DE). HEIN, Andreas [DE/DE]; Sredzkistr. 55, 10405 Berlin (DE). SCHERMEIER, Olaf [DE/DE]; Boddinstr. 42, 12053 Berlin (DE).

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

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

(11) WO 02/076303 (13) A2

(21) PCT/US02/09367

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/279,157 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ANATOMIC POSTERIOR LUMBAR PLATE
• PLAQUE LOMBAIRE POSTERIEURE ANATOMIQUE

(71, 72) FERREE, Bret, A. [US/US]; 1238 Cliff Laine Drive, Cincinnati, OH 45208 (US).

(74) LITZINGER, Jerrold, J.; Sentron Medical, Inc., 4445 Lake Forest Drive, Suite 600, Cincinnati, OH 45242 (US).

(81) AU CA JP.

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

(51)⁷ A61B 17/04

(11) WO 02/076304 (13) A1

(21) PCT/EP02/03242

(22) 25 Mar/mar 2002 (25.03.2002)

(25) de (26) de

(30) 101 16 171.9 26 Mar/mar 2001 DE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SURGICAL SUTURING MACHINE
• MACHINE A SUTURE CHIRURGICALE

(71, 72) MOLL, Philipp [DE/DE]; Königsbergerstrasse 72, 52078 Aachen (DE).

(74) KLEIN, Friedrich; Auf der Pirsch 11, 67663 Kaiserslautern (DE).

(81) JP US.

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

Published / Publiée : (c)

(51)⁷ A61B 17/12

(11) WO 02/076305 (13) A1

(21) PCT/AU02/00361

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) PR 3892 23 Mar/mar 2001 AU (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(51)⁷ A61B 17/17, A61F 2/46, A61B 17/02
(11) WO 02/076309 (13) A1
(21) PCT/US02/02524
(22) 23 Jan/jan 2002 (23.01.2002)
(25) en (26) en
(30) 09/815,500 23 Mar/mar 2001 US
(23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • INSTRUMENTATION FOR IMPLANT
INSERTION
• INSTRUMENTS CONÇUS POUR L'IN-
SERTION D'IMPLANTS
(71) HOWMEDICA OSTEONICS CORP
[US/US]; 58 Route 17, Allendale, NJ 07401
(US).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) COHEN, Herb [US/US]; 55 Mustang
Drive, Shelton, CT 06484 (US).
(74) LERNER, David, Littenberg et al. / etc.;
Krumholz & Mentlik, LLP, 600 South 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 CH CY DE DK ES
FI FR GB GR IE IT 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 17/32
(11) WO 02/076310 (13) A1
(21) PCT/US02/07112
(22) 8 Mar/mar 2002 (08.03.2002)
(25) en (26) en
(30) 09/817,633 26 Mar/mar 2001 US
(26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • ULTRASONIC SCALPEL
• SCALPEL À ULTRASONS
(71) IEP PHARMACEUTICAL DEVICES
INC. [US/US]; 6320 Angus Drive, Raleigh,
NC 27617 (US).
(72) JEWETT, Warren, R.; 125 Palace Green,
Cary, NC 27511 (US).
(74) SANTUCCI, Ronald, R.; Frommer
Lawrence & Haug, LLP, 745 Fifth Ave-
nue, New York, NY 10151 (US).
(81) AU BR CA JP.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ A61B 17/32
(11) WO 02/076311 (13) A2
(21) PCT/US02/08068
(22) 18 Mar/mar 2002 (18.03.2002)
(25) en (26) en
(30) 09/815,693 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • DEVICES AND METHODS FOR PER-
CUTANEOUS SURGERY
• DISPOSITIFS ET PROCÉDES POUR
CHIRURGIE PERCUTANÉE
(71) SDGI HOLDINGS, INC. [US/US]; 300
Delaware Avenue Suite 508, Wilmington, DE
19801 (US).
(72) ROEHM, Thomas, E., III; 410 High-
way 59, Braden, TN 38010 (US). NULL,
William, B.; 5827 Eagleston Drive, Olive
Branch, MS 38665 (US). FOLEY, Kevin, T.;
2877 Keasler Circle, West, Germantown, TN
38139 (US). SMITH, Maurice; 9285 Oak
Knoll Cove, Cordova, TN 38018 (US).
(74) WARBOLD, David, A. et al. / etc.;
Medtronic Sofamor Danek, 710 Medtronic
Parkway LC340, Minneapolis, MN 55432
(US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 17/34
(11) WO 02/076312 (13) A2
(21) PCT/US02/07767
(22) 14 Mar/mar 2002 (14.03.2002)
(25) en (26) en
(30) 60/275,869 14 Mar/mar 2001 US
(14.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • TROCAR DEVICE
• TROCART
(71) POWER MEDICAL INTERVENTIONS,
INC. [US/US]; 110 Union Square Drive, New
Hope, PA 18938 (US).
(72) WHITMAN, Michael, P.; 16 Pheasant Run,
New Hope, PA 18938 (US). BURBANK,
John, P.; 106 Haviland Road, Ridgefield,
CT 06877 (US). HILL, Jeremy; 12 Sandy
Beach Road, Middlebury, CT 06762 (US).
GUY, Thomas; 10001 SE Mahogany Way,
Tequesta, FL 33469 (US).
(74) BIRDE, Patrick, 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 CH CY DE DK ES
FI FR GB GR IE IT 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 17/56, A61F 5/04
(11) WO 02/076313 (13) A1
(21) PCT/JP02/02235
(22) 11 Mar/mar 2002 (11.03.2002)
(25) ja (26) ja
(30) 2001-69269 12 Mar/mar 2001 JP
(12.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • MAXILLARY BONE EXTENSOR
• EXTENSEUR DE L'OS MAXILLAIRE
(71) KOSEKI MEDICAL CO.,LTD [JP/JP];
17-2, Sotokanda 2-chome, Chiyoda-ku,
Tokyo 101-0021 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
(71, 72) KOSEKI, Tomoaki [JP/JP]; 7-3, Ko-
magome 7-chome, Toshima-ku, Tokyo
170-0003 (JP).
(81) US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT 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, 17/86
(11) WO 02/076314 (13) A1
(21) PCT/EP02/01284
(22) 7 Feb/fév 2002 (07.02.2002)
(25) de (26) de
(30) 101 15 014.8 27 Mar/mar 2001 DE
(27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • ANCHOR ELEMENT
• ELEMENT D'ANCRAGE
(71) BIEDERMANN MOTECH GMBH
[DE/DE]; Bertha-von-Suttner-Strasse 23,
78054 VS-Schwenningen (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72) BIEDERMANN, Lutz; Am Schäfersteig 8,
78048 VS-Villingen (DE). HARMS, Jürgen;
Im Zeitvogel 14, 76227 Karlsruhe (DE).
(74) PRÜFER, Lutz, H. et al. / etc.; Prüfer
& Partner GbR, Patentanwälte, Harthausen
Strasse 25d, 81545 München (DE).
(81) JP KR.
(84) EP (AT CH CY DE DK ES FI FR GB GR IE
IT LU MC NL PT SE TR).

Published / Publiée : (c)
Declarations / Déclarations :
*(s) for the following designations / pour les
désignations suivantes : JP KR EP (AT 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 A61B 17/70
(11) WO 02/076315 (13) A1
(21) PCT/US02/11301
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 60/278,910 26 Mar/mar 2001 US
(26.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SPINAL ALIGNMENT APPARATUS AND METHODS
• APPAREIL ET PROCÉDE D'ALIGNEMENT VERTEBRAL
- (71, 72) FERREE, Bret, A. [US/US]; 1238 Cliff Laine Drive, Cincinnati, OH 45208 (US).
- (74) LITZINGER, Jerrold, J.; Sentron Medical, Inc., 4445 Lake Forest Drive, Suite 600, Cincinnati, OH 45242 (US).
- (81) AU CA JP.
- (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 A61B 17/70, A61F 2/44
- (11) WO 02/076316 (13) A1
- (21) PCT/US02/02024
- (22) 24 Jan/jan 2002 (24.01.2002)
- (25) en (26) en
- (30) 09/815,504 23 Mar/mar 2001 US (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MODULAR IMPLANT FOR FUSING ADJACENT BONE STRUCTURE
• IMPLANT MODULAIRE PERMETTANT D'ASSEMBLER UNE STRUCTURE OSSEUSE ADJACENTE
- (71) SURGICAL DYNAMICS, INC. [US/US]; 150 Glover Avenue, Norwalk, CT 06856 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CASTRO, Michael [US/US]; 11 Pheasant Drive, Seymour, CT 06483 (US). COHEN, Herb [US/US]; 55 Mustang Drive, Shelton, CT 06484 (US). NICHOLS, David [US/US]; 40 Salem Road, Trumbull, CT 06611 (US). GRAHAM, R., Scott [US/US]; 3709 Pennmardel Court, Richmond, VA 23233 (US).
- (74) CRUZ, Lawrence; Tyco Healthcare 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 CH CY DE DK ES FI FR GB GR IE 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 A61B 17/70, 17/80
- (11) WO 02/076317 (13) A1
- (21) PCT/US02/09168
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (30) 09/816,175 26 Mar/mar 2001 US (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • HINGED ANTERIOR THORACIC/LUMBAR PLATE
• PLAQUE LOMBAIRE/THORACIQUE ANTERIEURE ARTICULEE
- (71, 72) FERREE, Bret, A. [US/US]; 1238 Cliff Laine Drive, Cincinnati, OH 45208 (US).
- (74) LITZINGER, Jerrold, J.; Sentron Medical, Inc., 4445 Lake Forest Drive, Suite 600, Cincinnati, OH 45242 (US).
- (81) AU CA JP.
- (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 A61B 18/18
- (11) WO 02/076318 (13) A1
- (21) PCT/US02/06654
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 09/814,443 22 Mar/mar 2001 US (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SCANNING LASER HANDPIECE WITH SHAPED OUTPUT BEAM
• PIECE A MAIN A BALAYAGE LASER COMPORTANT UN FAISCEAU DE SORTIE MODELE
- (71) LUMENIS INC. [US/US]; 2400 Condensa Street, Santa Clara, CA 95051 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANGELEY, David, G. [US/US]; 4531 Pacific Rim Way, San Jose, CA 95121 (US). ANDERSEN, Dan, E. [US/US]; 755 Arnold Way, Menlo Park, CA 94025 (US). JAMES, Philip, S. [US/US]; 3535 Brook Street, Apt. #20, Lafayette, CA 94549 (US).
- (74) COHEN, Mark, S.; Eitan, Pearl, Latzer & Cohen-Zedek, One Crystal Park, suite 210, 2011 Crystal Drive, Arlington, VA 2202-3709 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61B 18/18
- (11) WO 02/076319 (13) A1
- (21) PCT/US02/07184
- (22) 12 Mar/mar 2002 (12.03.2002)
- (25) en (26) en
- (30) 09/816,175 26 Mar/mar 2001 US (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND APPARATUS FOR MONITORING LASER SURGERY
• PROCÉDE ET APPAREIL DE SUIVI DE CHIRURGIE AU LASER
- (71, 72) LAHAYE, Leon, C. [US/US]; LAHAYE CENTER, 201 Rue Iberville, Suite 510, Lafayette, LA 70508 (US).
- (74) MILLER, Samuel, C., III; 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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
-
- (51)⁷ A61B 18/18
- (11) WO 02/076320 (13) A1
- (21) PCT/US02/08681
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 09/815,277 23 Mar/mar 2001 US (23.03.2001)
- (30) 09/843,141 27 Apr/avr 2001 US (27.04.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ADJUSTABLE ABLATABLE INLAY
• INCRUSTATION REGLABLE POUVANT ETRE ABLATEE
- (71, 72) PEYMAN, Gholam [US/US]; 8654 Pontchartrain Blvd., Unit 1, New Orleans, LA 70124 (US).
- (74) HOWELL, Jeffrey et al. / etc.; Roylance, Abrams, Berdo & Goodman L.L.P., 1300 19th Street, N.W., Suite 600, Washington, DC 20036 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE

KG KP KR (Utility model / modèle d'utilité)
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SD SE SG SI SK SK (Utility
model / modèle d'utilité) SL TJ TM TN TR
TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 A61C

(11) WO 02/076321 (13) A2

(21) PCT/EP01/15295

(22) 22 Dec/déc 2001 (22.12.2001)

(25) de (26) de

(30) 101 15 820.3 26 Mar/mar 2001 DE
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR PRODUCING
TWO-MEMBERED OR MULTI-MEM-
BERED ALL-CERAMIC DENTAL
SHAPED PARTS AND CORRESPOND-
ING DEVICE

• PROCEDE DE PRODUCTION DE
PIECES MOULEES DENTAIREES EN
CERAMIQUE PLEINE A DEUX ELE-
MENTS OU A ELEMENTS MULTIPLES
ET DISPOSITIF APPROPRIE

(71) WIELAND DENTAL + TECHNIK
GMBH & CO. KG [DE/DE]; Schwen-
ninger Strasse 13, 75179 Pforzheim (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BURGER, Goran [DE/DE];
Hachelallee 94, 75179 Pforzheim (DE).
KNOLL, Stefan [DE/DE]; Brahmweg 33,
70195 Stuttgart (DE). LAUBERSHEIMER,
Jürgen [DE/DE]; Remchinger Strasse 65,
76307 Karlsbad (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 A61C

(11) WO 02/076322 (13) A2

(21) PCT/EP02/03337

(22) 25 Mar/mar 2002 (25.03.2002)

(25) de (26) de

(30) 101 14 493.8 25 Mar/mar 2001 DE
(25.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR PRODUCING AND
DEVICE FOR SEPARATING DENTAL
MODELS

• PROCEDE DE PRODUCTION ET DIS-
POSITIF PERMETTANT DE SEPARER
DES MODELES DENTAIREES

(71) JAN LANGNER GMBH [DE/DE];
Birkachstrasse 17/1, 73529 Schwäblich
Gmünd (DE).

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

(72, 75) LANGNER, Jan [DE/DE]; Birkach-
strasse 17/1, 73529 Schwäblich-Gmünd
(DE).

(74) FÜRST, Siegfried; Hansmann & Vogeser,
Nördliche Ringstrasse 10, 73033 Göppingen
(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 A61C 5/06, A61M 5/315

(11) WO 02/076323 (13) A1

(21) PCT/IB01/00485

(22) 26 Mar/mar 2001 (26.03.2001)

(25) de (26) de

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE FOR APPLYING TOOTH FILL-
ING MATERIAL

• DISPOSITIF D'APPLICATION D'UNE
PATE D'OBTURATION DENTAIRE

(71) SCHÜTZ-DENTAL GMBH [DE/DE];
Dieselstrasse 5/6, 61191 Rosbach (DE).

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

(72, 75) KRANJC, Josef [DE/DE]; Steinfurther
Hauptstrasse 110, 61231 Bad Nauheim (DE).

(74) LUSUARDI, Werther; Dr. Lusuardi AG,
Kreuzbühlstrasse 8, CH-8008 Zürich (CH).

(81) US.

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

Published / Publiée : (a)

(51)⁷ A61C 9/00

(11) WO 02/076324 (13) A1

(21) PCT/US02/04925

(22) 20 Feb/fév 2002 (20.02.2002)

(25) en (26) en

(30) 09/818,815 27 Mar/mar 2001 US
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DISPOSABLE IMPRESSION TRAYS
FOR EDENTULOUS DENTAL RIDGES

• PORTE-EMPREINTES JETABLES
POUR CRETES EDENTEEES

(71, 72) MAYO, Louis, J. [US/US]; 1340 Hill
Crest Rd., Cincinnati, OH 45224-3226 (US).

(74) ROSEN, Steven, J.; 4729 Cornell Rd.,
Cincinnati, OH 45241 (US).

(81) BR CA CN CO CR CU EC HU ID IL IN JP
KR MX.

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

FI FR GB GR IE IT 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 A61C 13/00, A61K 6/027, C04B 28/14

(11) WO 02/076325 (13) A1

(21) PCT/EP01/13640

(22) 23 Nov/nov 2001 (23.11.2001)

(25) de (26) de

(30) 101 15 820.3 26 Mar/mar 2001 DE
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • EXPANDING DENTAL MODEL MATE-
RIAL

• MATERIAU EXPANSIF DESTINE A
DES MODELES DENTAIREES

(71) WIELAND DENTAL + TECHNIK
GMBH & CO. KG [DE/DE]; Schwen-
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les États désignés sauf US)

(72, 75) LAUBERSHEIMER, Jürgen [DE/DE];
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(DE).

(74) RUFF, WILHELM, BEIER, DAUSTER
& PARTNER; Kronenstrasse 30, 70174
Stuttgart (DE).

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

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

(11) WO 02/076326 (13) A2

(21) PCT/IB02/02215

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 2,342,709 23 Mar/mar 2001 CA
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS FOR DENTAL RESTORA-
TION

• PROCEDES DE RESTAURATION DEN-
TAIRE

(71) CYNOVAD, INC. [CA/CA]; 460
Sainte-Catherine Street West, Suite 942,
Montreal, Quebec H3B 1A7 (CA).

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les États désignés sauf US)

(72, 75) ARAJ, Naoum [CA/CA]; 3 Hazelwood,
Outremont, Quebec H3T 1R2 (CA). BRE-
TON, Pierre [CA/CA]; 4061 St-Laurent
Boulevard, Montreal, Quebec H2W 1Y7
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Brunet Street, Pointe Claire, Quebec H9S
4T8 (CA). JELONEK, Thomas [CA/CA];
Apartment 4, 3420 Hutchison, Montreal,
Québec H2X 2G4 (CA). PEROT, Jean-Marc
[FR/FR]; 5302, rue McKenna, Montreal,

Quebec h3T 1T8 (FR). **MOSKOVAKIS, Herve** [FR/FR]; La Garenne, Route de Vauvenagrues, F-13100 St-Marc-Jaumegarde (FR). **SAINT-PIERRE, Rene** [CA/CA]; 18 Wicksteed, Mont-Royal, Quebec H3P 1P7 (CA). **TREMBLAY, Pierre-Jules** [CA/CA]; 2075 Gouin Boulevard East, Montreal, Quebec H2B 1X1 (CA). **WHAITE, Peter** [CA/CA]; 4906 Clark Street, Montreal, Quebec H2T 2T5 (CA).

(74) **ANGLEHEART, James**; Ogilvy Renault, 1981 McGill College Avenue, Suite 1600, Montréal, Québec, H4S 1V9 (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).

(51)⁷ A61C 13/00, G05B 19/42

(11) WO 02/076327 (13) A1

(21) PCT/SE02/00520

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 0101060-2 23 Mar/mar 2001 SE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A METHOD OF AND AN ARRANGEMENT FOR A DENTAL RESTORATION
• METHODE ET SYSTEME DE RESTAURATION DENTAIRE

(71) **DECIM AB** [SE/SE]; P.O. Box 753, S-931 27 Skellefteå (SE).
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(72, 75) **GREBACKEN, Pontus** [SE/SE]; Lövtigen 33, S-931 64 Skellefteå (SE).
SJÖLIN, Roger [SE/SE]; Tuvagårdsvägen 62, S-931 49 Skellefteå (SE).

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

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

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

(11) WO 02/076328 (13) A1

(21) PCT/SE02/00543

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 0101035-4 23 Mar/mar 2001 SE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AN APPARATUS AND A METHOD FOR PRODUCING A DENTAL RESTORATION

• APPAREIL ET PROCEDE DE PRODUCTION D'UNE RESTAURATION DENTAIRE

(71) **DECIM AB** [SE/SE]; P O BOX 753, S-931 27 SKELLETEÅ (SE).

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

(72, 75) **GREBACKEN, Pontus** [SE/SE]; Lövtigen 33, S-931 64 SKELLEFTEÅ (SE).

(74) **HAMMAR, Ernst** et al. / etc.; Albihns Stockholm AB, P.O. Box 5581, Linnégatan 2, S-114 85 Stockholm (SE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 A61C 13/00, 13/08

(11) WO 02/076329 (13) A1

(21) PCT/US02/09237

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,728 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BACK CASTING PREFABRICATED INCISAL VENEERS

• MOULAGE RETROACTIF DE FACETTES INCISIVES PREFABRIQUEES

(71, 72) **GLIDEWELL, James, R.** [US/US]; 201 Evening Star, Newport Beach, CA 92660 (US).

(81) CA DE GB 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 A61C 13/12, 13/20, F27B 17/02

(11) WO 02/076330 (13) A1

(21) PCT/EP02/03138

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 101 13 753.2 21 Mar/mar 2001 DE (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR WIRELESS TRANSMISSION OF PROCESS DATA

• PROCEDE ET DISPOSITIF DE TRANSMISSION HERTZIENNE DE DONNEES DE PROCESSUS DENTAIRE

(71) **DENTSPLY DETREY GMBH** [DE/DE]; Eisenbahnstrasse 180, 63303 Dreieich (DE).
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(72, 75) **BUCHNER, Kerstin** [DE/DE]; Erbacher Weg 6, 64646 Heppenheim (DE).
ERTL, Thomas [DE/DE]; Westendstrasse 4, 63303 Dreieich (DE).
HAUNER, Wigbert [DE/DE]; Im Birkenwäldchen 59, 63225 Langen (DE).

(74) **HARTZ, Nikolai, F.**; Wächtershäuser & Hartz, Tal 29, 80331 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ A61C 13/12, 13/00

(11) WO 02/076331 (13) A1

(21) PCT/EP02/03336

(22) 25 Mar/mar 2002 (25.03.2002)

(25) de (26) de

(30) 101 14 917.4 26 Mar/mar 2001 DE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE AND METHOD FOR WORKING DENTAL MODELS

• DISPOSITIF ET PROCEDE POUR TRAVAILLER DES MODELES DENTAIRES

(71) **JAN LANGNER GMBH** [DE/DE]; Birkachstrasse 17/1, 73529 Schwäbisch Gmünd (DE).

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

(72, 75) **LANGNER, Jan** [DE/DE]; Birkachstrasse 17/1, 73529 Schwäbisch-Gmünd (DE).

(74) **FÜRST, Siegfried**; Hansmann & Vogeser, Nördliche Ringstr. 10, 73033 Göppingen (DE).

(81) JP US.

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

Published / Publiée : (c)

(51)⁷ A61C 13/273, 13/265

(11) WO 02/076332 (13) A1

(21) PCT/HR02/00015

(22) 22 Mar/mar 2002 (22.03.2002)

(25) hr (26) en

(30) P20010218A 22 Mar/mar 2001 HR (22.03.2001)

(30) P20010219A **22 Mar/mar 2001** HR
(**22.03.2001**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MOBILE DENTAL PROSTHESIS
HOLDER
• SUPPORT DE PROTHESE DENTAIRE
AMOVIBLE

(71, 72) TOMASEK, Vladimir [HR/HR]; Fla-
naticka 19/2, 52100 Pula (HR).

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

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

(11) WO 02/076333 (13) A2

(21) PCT/IL02/00223

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 09/816,690 **22 Mar/mar 2001** US
(**22.03.2001**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • GUIDEWIRE INTRODUCER SHEATH
• GAINÉ D'INTRODUCTION DE
FIL-GUIDE

(71) ADVANCED STENT TECHNOLOGIES,
INC. [US/US]; Suite 201, 7026 Koll Center
Parkway, Pleasanton, CA 94566 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) VARDI, Gil, M. [IL/US]; 14203 Stifel
Lane Court, Town and Country, MO 63017
(US). WILLIAMS, Eric [US/US]; 2068
Davis Drive, Fairfield, CA 94533 (US).
CHAVEZ, Elsa [US/US]; 38660 Lexing-
ton Street # 471, Fremont, CA 94536 (US).
BOURANG, Henry [US/US]; 344 Gikas
Lane, Turlock, CA 95382 (US). BEYHAN,
Niyazi, U. [US/US]; 1031 Las Palmas Drive,
Santa Clara, CA 95051 (US).

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

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

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

RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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) WO 02/076334 (13) A2

(21) PCT/US01/51438

(22) 20 Nov/nov 2001 (20.11.2001)

(25) en (26) en

(30) 09/718,058 **21 Nov/nov 2000** US
(**21.11.2000**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM AND METHOD FOR EYE
SCREENING
• SYSTEME ET PROCEDE DE DEPIS-
TAGE OCULAIRE

(71) ISCREEN, LLC [US/US]; Suite 1, 668
Colonial Road, Memphis, TN 38117 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) KENNEDY, Ross, A. [CA/CA]; 4699
Neville Street, Burnaby, British Colom-
bia V5J 2H2 (CA). BELLOWS, Jack, R.
[US/US]; 219 E. Goodwyn, Memphis, TN
38111 (US). THOMAS, David, E. [US/US];
6495 Fiske Road, Bartlett, TN 38135 (US).

(74) REEVES, Charles, R. et al. / etc.; Woodard,
Emhardt, Naughton, Moriarty & McNett,
Suite 3700, Bank One Center/Tower, 111
Monument Circle, Indianapolis, IN 46204
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM 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 A61F

(11) WO 02/076335 (13) A2

(21) PCT/US02/06661

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/279,205 **27 Mar/mar 2001** US
(**27.03.2001**)

(30) 60/281,714 **4 Apr/avr 2001** US
(**04.04.2001**)

(30) Not furnished / **22 Mar/mar 2002** US
non communiqué (**22.03.2002**)

(30) 10/105,839 **25 Mar/mar 2002** US
(**25.03.2002**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RADIALLY EXPANDING INTERBODY
SPINAL FUSION IMPLANTS AND IN-
STRUMENTATION FOR INSERTION
THEREOF

• IMPLANTS DE FUSION INTERVERTE-
BRAUX A DILATATION RADIALE ET

INSTRUMENTS POUR LEUR INTRO-
DUCTION

(71, 72) MICHELSON, Gary K. [US/US]; 438
Sherman Canal, Venice, CA 90291 (US).

(74) FLESHNER, Mark L. et al. / etc.; FLESH-
NER & KIM, LLP, P.O. Box 221200, Chan-
tilly, VA 20153-1200 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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) WO 02/076336 (13) A2

(21) PCT/US02/08576

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 09/815,387 **22 Mar/mar 2001** US
(**22.03.2001**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPLANTABLE PROSTHETIC OR TIS-
SUE EXPANDING DEVICE
• PROTHESE OU TISSU EXPANSIBLE
IMPLANTABLES

(71) KERAPLAST TECHNOLOGIES, LTD.
[US/US]; 19206 Huebner Road, Suite 102,
San Antonio, TX 78258 (US).
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les États désignés sauf US)*

(72, 75) ZUCHERMAN, James, F. [US/US];
3035 Pierce Street, San Francisco, CA 94123
(US). HSU, Ken, Y. [US/US]; 52 Clarendon
Avenue, San Francisco, CA 94114 (US).
YERBY, Scott [US/US]; P.O. Box 370383,
Montara, CA 94037 (US). SMITH, Robert,
A. [US/US]; 2246 E. Northside Drive, Jack-
son, MS 39211 (US).

(74) CORDER, Timothy, S.; Vinson & Elkins
L.L.P., 2300 First City Tower, 1001 Fannin
Street, 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 CH CY DE DK ES
FI FR GB GR IE IT 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) WO 02/076337 (13) A2

(21) PCT/US02/08618

(22) 22 Mar/mar 2002 (22.03.2002)

- (25) en (26) en [US/US]; 42 Calhoun Terrace, San Francisco, CA 94133 (US). **SANDSTEDT, Christian, A.** [US/US]; 680 S. Marengo Avenue, Apt. 10, Pasadena, CA 91106 (US). **CHRIST, F., Richard** [US/US]; 650 Lombardy Lane, Laguna Beach, CA 92651 (US).
- (30) 60/278,192 **23 Mar/mar 2001 US (23.03.2001)**
- (30) 10/103,613 **21 Mar/mar 2002 US (21.03.2002)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **XENOGRAFT BONE MATRIX FOR ORTHOPEDIC APPLICATIONS**
• MATRICE OSSEUSE DE XENO-GREFFE DESTINEE A DES APPLICATIONS ORTHOPEDIQUES
- (71) **CROSSCART, INC.** [US/US]; 3727 Buchanan Street, San Francisco, CA 94123 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STONE, Kevin, R.** [US/US]; 1 Throckmorton Lane, Mill Valley, CA 94941 (US). **TUREK, Thomas, J.** [US/US]; 1739 38th Avenue, San Francisco, CA 94122 (US).
- (74) **LAPPIN, Mark, G.;** McDermott, Will & Emery, 28 State Street, Boston, MA 02109 (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 CH CY DE DK ES FI FR GB GR IE IT 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) **WO 02/076338** (13) A2
(21) PCT/US02/08674
(22) **21 Mar/mar 2002 (21.03.2002)**
(25) en (26) en
(30) 60/277,543 **21 Mar/mar 2001 US (21.03.2001)**
(30) 60/347,715 **11 Jan/jan 2002 US (11.01.2002)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **COMPOSITION AND METHOD FOR PRODUCING SHAPABLE IMPLANTS IN VIVO AND IMPLANTS PRODUCED THEREBY**
• COMPOSITION ET METHODE DE PRODUCTION IN VIVO D'IMPLANTS FACONNABLES ET IMPLANTS AINSI PRODUITS
- (71) **CALHOUN VISION** [US/US]; Suite 400, 2555 East Colorado Blvd., Pasadena, CA 91107 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JETHMALANI, Jagdish, M.** [IN/US]; 855 N. Madison Avenue, Apt. 48, Pasadena, CA 91101 (US). **CHANG, Shiao, H.** [US/US]; 1420 San Carlos Road, Arcadia, CA 91006 (US). **GRUBBS, Robert, H.** [US/US]; 1700 Spruce Street, South Pasadena, CA 91030 (US). **KORNFIELD, Julia, A.** [US/US]; 1675 Oakdale, Pasadena, CA 91125 (US). **SCHWARTZ, Daniel, M.** [US/US]; 42 Calhoun Terrace, San Francisco, CA 94133 (US). **SANDSTEDT, Christian, A.** [US/US]; 680 S. Marengo Avenue, Apt. 10, Pasadena, CA 91106 (US). **CHRIST, F., Richard** [US/US]; 650 Lombardy Lane, Laguna Beach, CA 92651 (US).
- (74) **SCHNEIDER, John, E.;** 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **A61F 2/00**
- (11) **WO 02/076339** (13) A2
(21) PCT/US02/08840
(22) **25 Mar/mar 2002 (25.03.2002)**
(25) en (26) en
(30) 09/815,392 **23 Mar/mar 2001 US (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **ABSORBENT ARTICLE HAVING HYDROPHOBIC LEAK PROTECTION ZONES**
• ARTICLE ABSORBANT A ZONES DE PROTECTION HYDROPHOBES CONTRE LES FUITES
- (71) **PARAGON TRADE BRANDS, INC.** [US/US]; 180 Technology Parkway, Norcross, GA 30092 (US).
- (72) **ERDMAN, Carol;** 3550 Grove Park Drive, Duluth, GA 30096 (US). **CHMIELEWSKI, Harry;** 100 Harbor Pointe Circle, Brunswick, GA 31523 (US).
- (74) **CAMPBELL, Christopher, C.** et al. / etc.; Intellectual Property Department, Hutton & Williams, 1900 K Street, N.W., Suite 1200, Washington, DC 20006-1109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **A61F 2/00**
- (11) **WO 02/076340** (13) A2
(21) PCT/US01/47804
(22) **10 Dec/déc 2001 (10.12.2001)**
(25) en (26) en
- (30) 09/818,338 **27 Mar/mar 2001 US (27.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **STENT WITH CONTROLLED EXPANSION**
• PROTHESE ENDOVASCULAIRE A DEPLOIEMENT COMMANDE
- (71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One SciMed Place, Maple Grove, MN 55311-1566 (US).
- (72) **GILLIGAN, Sean;** 23 The Rise, Knocknacarra, Galway (IE). **O'BRIEN, Barry;** 102 Liosmore, Cappagh Road, Barna, Galway (IE).
- (74) **SCOLA, Daniel, A., Jr.** et al. / etc.; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **A61F 2/00**
- (11) **WO 02/076341** (13) A2
(21) PCT/US02/07966
(22) **14 Mar/mar 2002 (14.03.2002)**
(25) en (26) en
(30) 09/814,471 **21 Mar/mar 2001 US (21.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **BRAIDED PALATAL IMPLANT FOR SNORING TREATMENT**
• IMPLANT PALATIN TISSE DESTINE AU TRAITEMENT DU RONFLEMENT
- (71) **PI MEDICAL, INC.** [US/US]; 2800 Patton Road, St. Paul, MN 55113 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KNUDSON, Mark, B.** [US/US]; 1309 West Toyal Oaks Drive, Shoreview, MN 55126 (US). **BRENZEL, Michael, P.** [US/US]; 387 Cretin Avenue South, St. Paul, MN 55105 (US).
- (74) **BRUESS, Steven, C.;** Merchant & Could P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

(51)⁷ A61F 2/00

(11) WO 02/076342 (13) A2

(21) PCT/US02/08604

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 09/815,615 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • STENT DELIVERY CATHETER WITH
FOLDED SLEEVE AND METHOD OF
MAKING SAME

• CATHETER POUR POSE D'ENDOPRO-
THESE AVEC MANCHON REPLIE ET
SON PROCEDE DE FABRICATION

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

(72) STIGER, Mark, L.; 4895 A Old Redwood
Highway, Santa Rosa, CA 95403 (US).
MOHN, Michael, A.; 4895 A Old Redwood
Highway, Santa Rosa, CA 95403 (US).

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

(81) JP.

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

(51)⁷ A61F 2/02, A61K 9/127, 9/50

(11) WO 02/076343 (13) A1

(21) PCT/IL02/00246

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 142246 26 Mar/mar 2001 IL
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND KIT FOR QUANTITA-
TION OF POLYPEPTIDES

• METHODE ET TROUSSE POUR
QUANTIFICATION DE POLYPEP-
TIDES

(71) APPLIED RESEARCH SYSTEMS ARS
HOLDING N.V. [NL/NL]; Pietermaai 15,
Curacao (AN).

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

(72, 75) SCHWARTSBURD, Boris [IL/IL]; 49
Maginei Hagalil St., 76200 Rehovot (IL).

(74) EINAV, Henry; InterPharm Laboratories
Ltd., Science based Industrial Park, Kiryat
Weizmann, 76110 Ness Ziona (IL).

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

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

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

Published / Publiée : (c)

(51)⁷ A61F 2/02, A61K 9/50

(11) WO 02/076344 (13) A1

(21) PCT/US02/11303

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,518 23 Mar/mar 2001 US
(23.03.2001)

(30) 60/311,309 9 Aug/août 2001 US
(09.08.2001)

(30) 60/347,326 9 Jan/jan 2002 US
(09.01.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DELIVERY OF DRUGS FROM SUS-
TAINED RELEASE DEVICES IM-
PLANTED IN MYOCARDIAL TISSUE
OR IN THE PERICARDIAL SPACE

• ADMINISTRATION DE MEDICA-
MENTS AU MOYEN DE DISPOSITIFS
A LIBERATION LENTE IMPLANTES
DANS UN TISSU MYOCARDIQUE OU
DANS LA CAVITE PERICARDIQUE

(71) DURECT CORPORATION [US/US];
10240 Bubb Road, Cupertino, CA 95014
(US).

(71, 72) STRUIJKER-BOUDIER, Harry, A.,
J. [NL/NL]; Waterrijk 3, NL-6247 CL Ri-
jckholt (NL). HERMANS, Johannes, J.,
R. [NL/NL]; Oranjeplein 1, NL-6333 BD
Schimmert-Nuth (NL). SMITS, Jos, F., M.
[NL/NL]; Ursulinenstraat 36, NL-6245 CJ
Eijsden (NL). JOHNSON, Randolph, M.
[US/US]; 423 Wave Avenue, Half Moon
Bay, CA 94019 (US). THEEUWES, Felix
[BE/US]; 27350 Altamont Road, Los Altos,
CA 94022 (US).

(74) BELL, Adam, Warwick; Durect Corpora-
tion, 10240 Bubb Road, Cupertino, CA 95014
(US).

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

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

(11) WO 02/076345 (13) A1

(21) PCT/NL02/00179

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 1017672 22 Mar/mar 2001 NL
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPLANT ASSEMBLY WITH THERA-
PEUTIC ACTION

• ENSEMBLE D'IMPLANT A ACTIVITE
THERAPEUTIQUE

(71, 72) GLASTRA, Hendrik [NL/NL];
Derkinkweg 65, NL-7535 PG Enschede
(NL).

(74) TIMMERS, C., H., J.; Exter Polak & Char-
louis B.V., P.O. Box 3241, NL-2280 GE Ri-
jswijk (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 CH CY DE DK ES
FI FR GB GR IE IT 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

(11) WO 02/076346 (13) A1

(21) PCT/US02/08895

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,139 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BRANCHED AORTIC ARCH STENT
GRAFT

• STENT RAMIFIE POUR ARC AOR-
TIQUE

(71, 72) TEHRANI, Hassan [US/US]; 1 West
Superior Street #3703, Chicago, IL 60610
(US).

(74) READ, David, C.; Marshall, Gersten &
Borun, 6300 Sears Tower, 233 South Wacker
Drive, Chicago, IL 60606 (US).

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

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

(11) WO 02/076347 (13) A1

(21) PCT/US02/09008

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 01610036.4 27 Mar/mar 2001 EP
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AORTIC GRAFT DEVICE

• GREFFON AORTIQUE

(71) **COOK INCORPORATED** [US/US]; 750 North Daniel's Way, P.O. Box 489, Bloomington, IN 47402-0489 (US). **WILLIAM COOK EUROPE APS** [DK/DK]; Sandet 6, DK-4632 Bjaeverskov (DK).

(72) **IVANCEV, Kransnodar**; Bredg. 9B, S-222 21 Lund (SE). **KOUL, Bansi, Lai**; Ritaregränd 2, S-226 47 Lund (SE).

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

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

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

(11) **WO 02/076348** (13) A1

(21) PCT/US02/08314

(22) **19 Mar/mar 2002 (19.03.2002)**

(25) en (26) en

(30) 09/815,521 **23 Mar/mar 2001 US (23.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **ROLLED MINIMALLY-INVASIVE HEART VALVES**

• VALVULES CARDIAQUES ENROULÉES À EFFET INVASIF MINIMUM

(71) **EDWARDS LIFESCIENCES CORPORATION** [US/US]; One Edwards Way, Irvine, CA 92614 (US).

(72) **YANG, Jibin**; 12 Poplar Drive, Aliso Viejo, CA 92656 (US).

(74) **JAMES, John, Christopher 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 2/24, 2/06

(11) **WO 02/076349** (13) A1

(21) PCT/US02/08610

(22) **20 Mar/mar 2002 (20.03.2002)**

(25) en (26) en

(30) 09/813,586 **21 Mar/mar 2001 US (21.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **STENT-BASED VENOUS VALVES**

• VALVULES VEINEUSES A ENDOPROTHESE

(71) **CORDIS CORPORATION** [US/US]; 14201 N.W. 60th Avenue, Miamia Lakes, FL 33014 (US).

(72) **DUERIG, Thomas, W.**; 41790 Vargas Road, Freemont, CA 94539 (US). **MELZER, Andreas**; Broicher Waldweg 92, 45478 Muehlheim-Ruhr (DE).

(74) **JOHNSON, Philip, S. et al.** / etc.; One Johnson & Johnson Plaza, New Brunswick, NJ 08903 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61F 2/44, 2/46

(11) **WO 02/076350** (13) A1

(21) PCT/US02/02525

(22) **23 Jan/jan 2002 (23.01.2002)**

(25) en (26) en

(30) 09/815,066 **22 Mar/mar 2001 US (22.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **APPARATUS FOR FUSING ADJACENT BONE STRUCTURES**

• APPAREIL DE FUSION DE STRUCTURES OSSEUSES ADJACENTES

(71) **HOWMEDICA OSTEONICS CORP** [US/US]; 58 Route 17, Allendale, New Jersey 07401 (US).

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

(72, 75) **COHEN, Herb** [US/US]; 55 Mustang Drive, Shelton, CT 06484 (US).

(74) **LERNER, David, Littenberg**; Krumholz Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 (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 CH CY DE DK ES FI FR GB GR IE IT 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 2/44

(11) **WO 02/076351** (13) A1

(21) PCT/US02/08845

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

(25) en (26) en

(30) 09/819,461 **27 Mar/mar 2001 US (27.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **INTERVERTEBRAL SPACE IMPLANT FOR USE IN SPINAL FUSION PROCEDURES**

• IMPLANT INTERVERTEBRAL SERVANT A EFFECTUER UNE FUSION VERTEBRALE

(71, 72) **GLENN, Bradley, J.** [US/US]; 3455 LaPlaya Drive, Davis, CA 95616 (US). **SCHNEIDERMAN, Gary, A.** [US/US]; 1810 Ladino Road, Sacramento, CA 95864 (US).

(74) **HEISLER, Bradley, P.**; Heisler & Associates, Suite 300, 3017 Douglas Blvd., Roseville, CA 95661 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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 A61F 5/56, 2/00

(11) **WO 02/076352** (13) A1

(21) PCT/US02/07867

(22) **14 Mar/mar 2002 (14.03.2002)**

(25) en (26) en

(30) 09/815,166 **21 Mar/mar 2001 US (21.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **SNORING TREATMENT IMPLANT**

• IMPLANT SERVANT A TRAITER LE RONFLEMENT

(71) **PI MEDICAL, INC.** [US/US]; 2800 Patton Road, St. Paul, MN 55113 (US).

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

(72, 75) **KNUDSON, Mark, B.** [US/US]; 1309 West Royal Oakds Drive, Shoreview, MN 55126 (US). **METZGER, Anja, K.** [US/US]; 10653 - 69th Street North, Stillwater, MN 55082 (US).

(74) **BRUESS, Steven, C.**; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 5/56

(11) WO 02/076353 (13) A1

(21) PCT/US02/07914

(22) 14 Mar/mar 2002 (14.03.2002)

(25) en (26) en

(30) 09/815,154 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DELIVERY SYSTEM FOR SNORING TREATMENT IMPLANT AND METHOD

• SYSTÈME DE MISE EN PLACE D'IMPLANT ANTIRONCHOPATHIQUE ET PROCÉDÉ CORRESPONDANT

(71) PI MEDICAL, INC. [US/US]; 2800 Patton Road, St. Paul, MN 55113 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KNUDSON, Mark, B. [US/US]; 1309 West Royal Oaks Drive, Shoreview, MN 55126 (US). CONRAD, Timothy, R. [US/US]; 12557 Riverview Road, Eden Prairie, MN 55347 (US).

(74) BRUESS, Steven, C.; Merchant & Gould, P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61F 5/56, 2/00

(11) WO 02/076354 (13) A1

(21) PCT/US02/07975

(22) 14 Mar/mar 2002 (14.03.2002)

(25) en (26) en

(30) 09/814,459 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONTRACTING SNORING TREATMENT IMPLANT

• IMPLANT CONTRACTILE SERVANT A TRAITER LE RONFLEMENT

(71) PI MEDICAL, INC. [US/US]; 2800 Patton Road, St. Paul, MN 55113 (US).

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

(72, 75) KNUDSON, Mark, B. [US/US]; 1309 West Toyal Oaks Drive, Shoreview, MN 55126 (US). CONRAD, Timothy, R. [US/US]; 12557 Riverview Road, Eden Prairie, MN 55347 (US).

(74) BRUESS, Steven, C.; Merchant, Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 9/00

(11) WO 02/076355 (13) A2

(21) PCT/EP02/03370

(22) 26 Mar/mar 2002 (26.03.2002)

(25) de (26) de

(30) 101 15 751.7 27 Mar/mar 2001 DE (27.03.2001)

(30) 101 48 783.5 28 Sep/sep 2001 DE (28.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR THE MINIMAL- TO NON-INVASIVE OPTICAL TREATMENT OF TISSUES OF THE EYE AND FOR DIAGNOSIS THEREOF AND DEVICE FOR CARRYING OUT SAID METHOD

• PROCEDE DE TRAITEMENT OPTIQUE INVASIF MINIMAL A NON-INVASIF DE TISSUS OCULAIRES ET DE DIAGNOSTIC, DISPOSITIF POUR LA MISE EN OEUVRE DUDIT PROCEDE

(71, 72) KOENIG, Karsten [DE/DE]; Nerke-witzer Str. 18, 07778 Neuengönna (DE).

(74) PFEIFFER, Rolf-Gerd; Pfeiffer & Partner, Winzerlaer Str. 10, 07745 Jena (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 9/00

(11) WO 02/076356 (13) A2

(21) PCT/US02/08653

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/277,626 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PRESBYOPIA TREATMENT BY SCLERAL COMPRESSION

• TRAITEMENT DE LA PRESBYTIE PAR COMPRESSION SCLERALE

(71) REFOCUS, LLC. [US/US]; Suite A, 2840 Hershberger Road, Roanoke, VA 24017 (US).

(72) TILL, Jonathan, S.; 6638 Fairway View Trail, Roanoke, VA 24018 (US).

(74) WELLS, William, K. et al. / etc.; Kenyon & Kenyon, Suite 700, 1500 K Street N.W., Washington, DC 20005 (US).

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

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

(11) WO 02/076357 (13) A2

(21) PCT/EP02/03263

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 101 14 786.4 26 Mar/mar 2001 DE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TAMPON HAVING SPIRALLY SHAPED GROOVES

• TAMPON PRESENTANT DES RAINURES SPIRALES

(71) JOHNSON & JOHNSON GMBH [DE/DE]; Kaiserswerther Strasse 270, 40474 Düsseldorf (DE).

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

(72, 75) SCHOELLING, Hans-Werner [DE/DE]; Dohlenweg 11, D-58256 Ennepetal (DE).

(74) GROENING, Hans, W. et al. / etc.; Boehmert & Boehmert, Pettenkoferstrasse 20-22, 80336 München (DE).

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

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

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

(u) for / pour US only / seulement

(51)⁷ A61F 13/00

(11) WO 02/076358 (13) A1

(21) PCT/US02/11261

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/814,336 21 Mar/mar 2001 US
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMMUNOSTIMULATING COATING
FOR SURGICAL DEVICES

• REVETEMENT IMMUNOSTIMULANT
DESTINE A DES DISPOSITIFS CHI-
RURGICAUX

(71) BRENNEN MEDICAL, INC. [US/US];
1290 Hammond Road, St. Paul, MN 55110
(US).

(72) KLEIN, Barbara; 27 Raven Road, North
Oaks, MN 55127 (US).

(74) MOORE, Malcolm, L. et al. / etc.; 2900
Wells Fargo Center, 90 South Seventh Street,
Minneapolis, MN 55402 (US).

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

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

(11) WO 02/076359 (13) A2

(21) PCT/US02/04940

(22) 19 Feb/fév 2002 (19.02.2002)

(25) en (26) en

(30) 09/815,787 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • REFASTENABLE ABSORBENT PROD-
UCT WITH Z-FOLDED SIDE PANELS
AND METHOD OF MAKING SAME IN
THE MACHINE DIRECTION

• PRODUIT ABSORBANT REPOSITION-
NABLE POURVU DE PANNEAUX LA-
TERAUX REPLIES EN Z ET PROCEDE
DE FABRICATION DE CE PRODUIT
DANS LE SENS MACHINE

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

(72) KUEN, David, Arthur; 1086 Honeysuckle
Lane, Neenah, WI 54956 (US). POPP,
Robert, Lee; 805 Giese Street, Hortonville,
WI 54944 (US). COENEN, Joseph, D.; 510
Lincoln Street, Neenah, WI 54956 (US).
QUERESHI, Shawn, A.; 661 Belmont
Court, Neenah, WI 54956 (US). COUIL-
LARD, Jack, L.; 1777 Brighton Beach
Road, Menasha, WI 54952 (US). OLSON,
Christopher, Peter; 1012 Pendleton Road,
Neenah, WI 54956 (US).

(74) NORRIS, Roland, W.; Pauley Petersen
Kinne & Erickson, 2800 West Higgins Road,
Suite 365, Hoffman Estates, IL 60195 (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 A61F 13/15

(11) WO 02/076360 (13) A1

(21) PCT/US02/05686

(22) 20 Feb/fév 2002 (20.02.2002)

(25) en (26) en

(30) 09/815,789 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • REFASTENABLE GARMENT WITH
OVERLAID SIDE PANELS AND CROSS
DIRECTION PROCESS OF MAKING
SAME

• VETEMENT AVEC SYSTEME DE FER-
METURE POUVANT ETRE OUVERT
ET FERME A PLUSIEURS REPRISES,
AVEC BANDES LATERALES DOU-
BLES, ET SON PROCEDE DE FABRI-
CATION DANS LE SENS TRAVERS

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

(72) KUEN, David, Arthur; 1086 Honeysuckle
Lane, Neenah, WI 54956 (US). POPP,
Robert, Lee; 805 Giese Street, Hortonville,
WI 54944 (US). COENEN, Joseph, Daniel;
510 Lincoln Street, Neenah, WI 54956 (US).
QUERESHI, Shawn, A.; 661 Belmont
Court, Neenah, WI 54956 (US). COUIL-
LARD, Jack, L.; 1777 Brighton Beach
Road, Menasha, WI 54952 (US). OLSON,
Christopher, Peter; 1012 Pendleton Road,
Neenah, WI 54956 (US).

(74) NORRIS, Roland, W.; Pauley Petersen
Kinne & Erickson, 2800 West Higgins Road,
Suite 365, Hoffman Estates, IL 60195 (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).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations

(t) for all designations / pour toutes les
désignations

(51)⁷ A61F 13/15

(11) WO 02/076361 (13) A1

(21) PCT/US02/08839

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 09/814,767 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ADULT INCONTINENCE ARTICLE
THAT CAN BE DONNED WITHOUT
REMOVING CLOTHING

• ARTICLE POUR L'INCONTINENCE
ADULTE POUVANT ETRE PLACE
SANS RETIRER LE SOUS-VETEMENT

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

(72) YEATER, Stacey, Jean; 1013 Bristol
Court, Alpharetta, GA 30022 (US). GIBBS,
Bernadette, M.; 1923 Noah Lane, Statham,
GA 31523 (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 TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 13/472

(11) WO 02/076362 (13) A1

(21) PCT/US02/05832

(22) 26 Feb/fév 2002 (26.02.2002)

(25) en (26) en

(30) 09/817,857 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ABSORBENT INTERLABIAL DEVICE HAVING AN IMPROVED TAB

• DISPOSITIF INTERLABIAL ABSORBANT COMPRENANT UNE LANGUETTE AMELIOREE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) MCFALL, Ronald, Ray; 8253 Whitehill Lane, West Chester, OH 45069 (US). COE, Richard, George; 7420 Heatherwood Lane, Cincinnati, OH 45244 (US). LOHRE, Julie, Michelle; 2647 Valley Trails Drive, Villa Hills, KY 41017 (US).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61F 13/53

(11) WO 02/076363 (13) A1

(21) PCT/SE02/00574

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 0101033-9 23 Mar/mar 2001 SE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A PANTY LINER

• SERVIETTE HYGIENIQUE

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

(72) PERSSON, Charlotte; Torild Wulffsgatan 47, S-413 19 Göteborg (SE). WIEZELL, Britt-Marie; Stenåsvägen 11, S-435 41 Mölnlycke (SE).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 13/56, 13/15

(11) WO 02/076364 (13) A1

(21) PCT/US02/05697

(22) 20 Feb/fév 2002 (20.02.2002)

(25) en (26) en

(30) 09/815,788 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • REFASTENABLE ABSORBENT PRODUCT WITH OVERLAND SIDE PANELS AND METHOD OF MAKING SAME IN THE MACHINE DIRECTION

• ARTICLE ABSORBANT RESERRABLE A PARTIES LATERALES REVETUES ET SON PROCEDE DE FABRICATION DANS LE SENS DE LA MACHINE

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

(72) KUEN, David, Arthur; 1086 Honeysuckle Lane, Neenah, WI 54956 (US). POPP, Robert, Lee; 805 Giese Street, Hortonville, WI 54944 (US). COENEN, Joseph, D.; 510 Lincoln Street, Neenah, WI 54956 (US). QUERESHI, Shawn, A.; 661 Belmont Court, Neenah, WI 54956 (US). COULLARD, Jack, L.; 1777 Brighton Beach Road, Menasha, WI 54952 (US). OLSON, Christopher, Peter; 1012 Pendleton Road, Neenah, WI 54956 (US).

(74) NORRIS, Roland, W.; Pauley Petersen Kinne & Erickson, Suite 365, 2800 West Higgins Road, Hoffman Estates, IL 60195 (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 A61G

(11) WO 02/076365 (13) A2

(21) PCT/EP02/01571

(22) 14 Feb/fév 2002 (14.02.2002)

(25) de (26) de

(30) 101 14 981.6 27 Mar/mar 2001 DE (27.03.2001)

(30) 101 47 349.4 26 Sep/sep 2001 DE (26.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MEDICAL OR DENTAL TREATMENT CHAIR

• FAUTEUIL DE TRAITEMENT POUR SOINS MEDICAUX OU DENTAIRE

(71) KALTENBACH & VOIGT GMBH & CO. [DE/DE]; Bismarckring 39, 88400 Biberach/Riß (DE).

(72) RAUH-HIRSCHAUER, Alexander; Sigebrandstrasse 13, 88410 Bad Wurzach (DE). RAPP, Karlheinz; Lindenstrasse 33, 88441 Mittelbiberach (DE). VON BANK, Reinhold; Beethovenweg 6, 88433 Schemmerhofen (DE). LIPATOW, Richard; dittmarstrasse 10, 88400 Biberach (DE).

(74) SCHMIDT-EVERS, Jürgen; Mitscherlich & Partner, Sonnenstrasse 33, 80331 München (DE).

(81) JP.

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

(51)⁷ A61G

(11) WO 02/076366 (13) A2

(21) PCT/US02/08916

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/818,984 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LATERAL TORSO SUPPORTS FOR FOLDING WHEELCHAIRS

• SUPPORTS LATERAUX POUR LE TORSE DESTINES A DES FAUTEUILS ROULANTS PLIANTS

(71) CONVAID PRODUCTS, INC. [US/US]; 2830 California Street, Torrance, CA 90503 (US).

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

(72, 75) **DAVIDSON, Rodney** [US/US]; 4507 Bulova Street, Torrance, CA 90503 (US).

(74) **LAZARIS, Spyros, James et al.** / etc.; Oppenheimer Wolff & Donnelly LLP, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067 (US).

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

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

(11) **WO 02/076367** (13) A2

(21) PCT/US02/09510

(22) **27 Mar/mar 2002 (27.03.2002)**

(25) en (26) en

(30) 60/279,063 **27 Mar/mar 2001 US (27.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HOSPITAL BED

• LIT D'HOPITAL

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

(72) **KRAMER, Kenneth, L.**; 712 N. County Road 850 East, Greensburg, IN 47240 (US). **HORNBACK, David, W.**; 12161 County Line Road, Brookville, IN 47012 (US). **ALBERSMEYER, David, A.**; 377 State Road 129 South, Batesville, IN 47006 (US). **ECKSTEIN, Gerald, D.**; 893 South Mulberry Street, Batesville, IN 47006 (US). **HAMILTON, Michael, W.**; 29252 Chappelow Hill Road, West Harrison, OH 47060 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 A61G 3/00, B60N 2/005, B60P 3/00

(11) **WO 02/076368** (13) A1

(21) PCT/AU02/00346

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

(25) en (26) en

(30) PR 3909 **22 Mar/mar 2001 AU (22.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FIELD AMBULANCE FOR INJURED PERSON RETRIEVAL

• AMBULANCE DE CAMPAGNE POUR LA PRISE EN CHARGE DES BLESSES

(71) **MEDILIFT AUSTRALIA PTY LTD** [AU/AU]; 143 Richmond Road, Richmond, S.A. 5032 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMITH, Desmond, James** [AU/AU]; 143 Richmond Road, Richmond, S.A. 5032 (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 A61G 5/00, A47C 7/02, 7/00

(11) **WO 02/076369** (13) A1

(21) PCT/US02/09019

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

(25) en (26) en

(30) 09/817,894 **26 Mar/mar 2001 US (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ANTI-THRUST SEATING ASSEMBLY FOR FOLDING WHEELCHAIRS

• ENSEMBLE SIEGE A CONTRE-POUSSEE POUR CHAISES ROULANTES PLIABLES

(71) **CONVAID PRODUCTS, INC.** [US/US]; 2830 California Street, Torrance, CA 90503 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WATKINS, Mervin, M.** [US/US]; 31136 Marne Drive, Rancho Palos Verdes, CA 92075 (US).

(74) **LAZARIS, Spyros, James et al.** / etc.; Oppenheimer Wolff & Donnelly LLP, 2029 Century Park East, Suite 3800, Los Angeles, CA 90067-3024 (US).

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

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

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 A61G 15/14

(11) **WO 02/076370** (13) A2

(21) PCT/DE02/01046

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

(25) de (26) de

(30) 101 14 287.0 **23 Mar/mar 2001 DE (23.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELEMENT FOR A DENTAL UNIT

• ELEMENT POUR UNITE DENTAIRE

(71, 72) **FRANZ, Udo** [DE/DE]; Morgenstrasse 21, 39124 Magdeburg (DE).

(72) **HELKE, Bernd**; Weidenweg 8, 39291 Hohenwarthe (DE).

(74) **LEINUNG, Günter**; Olvenstedter Strasse 15, 39108 Magdeburg (DE).

(81) AU BR CA CN CZ EE HR HU IL JP KR MX NZ PL RU SI SK UA US.

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

(51)⁷ A61H 7/00, 23/06

(11) **WO 02/076371** (13) A2

(21) PCT/JP01/06359

(22) **23 Jul/juil 2001 (23.07.2001)**

(25) ja (26) ja

(30) 2001-90244 **27 Mar/mar 2001 JP (27.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR COSMETIC OPERATION

• PROCEDE D'OPERATION COSMETIQUE

(71) **KANEBO, LIMITED** [JP/JP]; 17-4, Sumida 5-chome, Sumida-ku, Tokyo 131-0031 (JP).

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

(72, 75) **SHIMAGAMI, Kazunori** [JP/JP]; 20-11, Kamikitazawa 1-chome, Setagaya-ku, Tokyo 156-0057 (JP). **FURUYAMA, Masako** [JP/JP]; 5127, Seki, Shirakomachi, Chosei-gun, Chiba 299-4218 (JP). **HAGIWARA, Nariko** [JP/JP]; 12-1-307, Tarumachi 1-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0001 (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 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 : (i)

- (51)⁷ A61H 33/00
(11) WO 02/076372 (13) A1
(21) PCT/EP02/02158
(22) 28 Feb/fév 2002 (28.02.2002)
(25) de (26) de
(30) 101 14 356.7 22 Mar/mar 2001 DE (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • SANITARY DEVICE
• INSTALLATION SANITAIRE
(71) HANS GROHE AG [DE/DE]; Auestrasse 5 -9, 77761 Schiltach (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) GROSS, Jürgen [DE/DE]; Bruchstraße 32, 77799 Ortenberg (DE).
(74) RUFF, WIEHELM, BEIER, DAUSTER & PARTNER; Postfach 10 40 36, 70173 Stuttgart (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61J 1/00, B65D 81/32
(11) WO 02/076373 (13) A1
(21) PCT/AU02/00377
(22) 27 Mar/mar 2002 (27.03.2002)
(25) en (26) en
(30) PR 4021 27 Mar/mar 2001 AU (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • TWIN CHAMBER DISPENSER WITH TWIST VALVE
• RECIPIENT DISTRIBUTEUR A CHAMBRE DOUBLE AVEC CLAPET PIVOTANT
(71, 72) HALL, Allen, Beaumont [AU/AU]; 514 Calder Highway, Ravenswood, VIC 3453 (AU).
(74) ALLENS ARTHUR ROBINSON PATENT & TRADE MARKS ATTORNEYS; Stock Exchange Centre, 530 Collins Street, Melbourne, VIC 3000 (AU).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

- (51)⁷ A61J 1/00, A61M 5/178
(11) WO 02/076374 (13) A1
(21) PCT/US02/06646
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 60/279,074 27 Mar/mar 2001 US (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • KIT INCLUDING SIDE FIRING SYRINGE NEEDLE FOR PREPARING A DRUG IN AN INJECTION PEN CARTRIDGE
• TROUSSE INCLUANT UNE AIGUILLE DE SERINGUE A INJECTION LATERALE POUR PREPARER UN MEDICAMENT DANS UNE CARTOUCHE DE STYLO INJECTEUR
(71) ELI LILLY AND COMPANY [US/US]; P. O. Box 6288, Indianapolis, IN 46206-6288 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BURROUGHES, Andrew, Christopher [GB/US]; 7404 7th Avenue, Kenosha, WI 53143 (US). CHANG, Shu, Kuen [CN/US]; 555 West Madison Street, Apartment 3909, Chicago, IL 60661 (US). FISHER, Mark, James [US/US]; 490 Broadview Avenue, Highland Park, IL 60035 (US). RUSH, Benjamin, L. [US/US]; 2116 Grant Street, Evanston, IL 60201 (US). THORNE, Richard, Charles [US/US]; 7041 Kingswood Drive, Indianapolis, IN 46256 (US).
(74) PREIN, Edward, J. et al. / etc.; ELI LILLY AND COMPANY, P. O. Box 6288, Indianapolis, IN 46206-6288 (US).

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

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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) EP (AT BE CH CY DE DK ES FI FR GB GR

IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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
(11) WO 02/076375 (13) A2
(21) PCT/IB02/00764
(22) 14 Mar/mar 2002 (14.03.2002)
(25) en (26) en
(30) 374/DEL/2001 27 Mar/mar 2001 IN (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • PROCESS FOR THE PREPARATION OF BENAZEPRIL
• PROCEDE DE PREPARATION DE BENAZEPRIL
(71) RANBAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, New Delhi 110 019 (IN).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) THAPER, Rajesh, Kumar [IN/IN]; Qt. No. 67/68, Roulki, Bakshi Nagar, Jammu Tawi, Jammu and Kashmir 188 001 (IN). KUMAR, Yatendra [IN/IN]; U-25/5, Phase - III, DLF Qutab Enclave, Gurgaon, Haryana 122 001 (IN). DE, Shantanu [IN/IN]; G-1220, Chittranjan Park, New Delhi 110 019 (IN). KUMAR, Dileep, S., M. [IN/IN]; Budharayavalasa, Garbhram, Vizianagaram 535 102, Andhra Pradesh (IN).
(74) RANBAXY LABORATORIES LIMITED; c/o Deshmukh, Jayadeep, R., 600 College Road East, Princeton, NJ 08540 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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
(11) WO 02/076376 (13) A2
(21) PCT/IB02/00882
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 375/DEL/01 27 Mar/mar 2001 IN (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • A STABLE PHARMACEUTICAL COMPOSITION OF PRAVASTATIN
• COMPOSITION PHARMACEUTIQUE STABLE A BASE DE PRAVASTATINE
- (71) RANBAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, New Delhi 110 019 (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAGAPRASAD, Vishnubhotla [IN/IN]; 21-210, 102, Surya Nivas Apartments, Balaji Nagar, Kukat Pally, Hyderabad 500 072 (IN). MALIK, Rajiv [IN/IN]; 6-B, Pocket-B, Gangotri Enclave, Alaknanda, New Delhi 110019 (IN).
- (74) RANBAXY LABORATORIES LIMITED; Deshmukh, Jayadeep R., 600 College Road East, Suite 2100, Princeton, NJ 08540 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) WO 02/076377 (13) A2
(21) PCT/JP02/02664
(22) 20 Mar/mar 2002 (20.03.2002)
(25) ja (26) ja
(30) 2001-84480 23 Mar/mar 2001 JP (23.03.2001)
(30) 2001-291182 25 Sep/sep 2001 JP (25.09.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MONONUCLEOSOME AND PROCESS FOR PRODUCING THE SAME, METHOD OF ASSAYING ANTI-BODY SPECIFIC TO NUCLEOSOME, METHOD OF DIAGNOSING AUTOIMMUNE DISEASE, PROCESS FOR PRODUCING NUCLEOSOME DNA, DNA PLATE, PROCESS FOR PRODUCING DNA PLATE AND METHOD OF ASSAYING ANTI-DNA ANTIBODY
• MONONUCLEOSOME ET SON PROCEDE DE PRODUCTION, METHODE D'ANALYSE D'UN ANTICORPS SPECIFIQUE A UN NUCLEOSOME, METHODE DE DIAGNOSTIC D'UNE MALADIE AUTO-IMMUNE, PROCEDE DE PRODUCTION D'UN ADN NUCLEOSOMIQUE, PLAQUE D'ADN ET PROCEDE DE PRODUCTION D'UNE PLAQUE D'ADN
- (71) CENTER FOR ADVANCED SCIENCE AND TECHNOLOGY INCUBATION, LTD. [JP/JP]; 6th Fl., Shin-Marunouchi Bldg., 1-5-1, Marunouchi, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KANAI, Yoshiyuki [JP/JP]; 1-13-19-103, Wada, Suginami-ku, Tokyo 166-0012 (JP).
- (74) HIROTA, Koichi et al. / etc.; HIROTA, NAGARE & ASSOCIATES, Shin-Yoyogi Bldg. 401, 19-12, Yoyogi 1-chome, Shibuya-ku, Tokyo 151-0053 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) WO 02/076378 (13) A2
(21) PCT/MX02/00021
(22) 20 Mar/mar 2002 (20.03.2002)
(25) es (26) es
(30) 09/811,669 20 Mar/mar 2001 US (20.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR PRODUCING STABLE CUPRIC HYDROXIDE AND BASIC CUPRIC SALTS
• PROCEDE PERMETTANT DE PRODUIRE UN HYDROXYDE CUIVRIQUE STABLE ET DES SELS CUIVRIQUES BASIQUES
- (71) DERMET S.A. de C.V. [MX/MX]; Calle 4 #2734 Zona Industrial, Guadalajara, Jalisco 44940 (MX).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUATO, Julio [MX/MX]; Avenida Naciones Unidas 6111-99, Parque de la Castellana, Zapopan, Jalisco 45110 (MX). OGURA, Tetsuya [JP/MX]; Can Mayor #3504, Colonia las Arboledas, Zapopan, Jalisco 47070 (MX).
- (74) SAUCEDO, Javier; Olivares & Cia., S.C., Pedro Luis Ogazon No. 17, Col. San Angel, México D.F. 01000 (MX).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) WO 02/076379 (13) A2
(21) PCT/US01/43422
(22) 16 Nov/nov 2001 (16.11.2001)
- (25) en (26) en
(30) 09/714,060 16 Nov/nov 2000 US (16.11.2000)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MEDICATED TATTOOS
• TATOUAGES MEDICAMENTES
- (71, 72) LIPPER, Chris [US/US]; 35 Buckley Hill Road, Morristown, NJ 07960 (US). MAN, Michael [CA/CN]; 933 Dempsey Road, North Vancouver, B.C. V7K 3C9 (CA). PARISEK, Charles, B. [US/US]; 27 Sherman Place, Morristown, NJ 07960 (US).
- (74) CRAIG, Royal, W.; Law Offices of Royal W. Craig, 10 North Calvert Street, Suite 153, Baltimore, MD 21202 (US).
- (81) AE AL AU BA BB BG BR CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK TR TT UA 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 A61K
(11) WO 02/076380 (13) A2
(21) PCT/US02/01408
(22) 15 Jan/jan 2002 (15.01.2002)
(25) en (26) en
(30) 60/269,133 15 Feb/fév 2001 US (15.02.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CYTOTOXIC FACTORS FOR MODULATING CELL DEATH
• FACTEURS CYTOTOXIQUES DESTINES A MODULER LA MORT CELLULAIRE
- (71) THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS [US/US]; 352 Henry Administration Building, 506 South Wright Street, Urbana, IL 61801 (US).
- (72) DAS GUPTA, Tapas, K.; 1317 Jackson Avenue, River Forest, IL 60305 (US). CHAKRABARTY, Ananda, M.; 206 Julia Drive, Villa Park, IL 60181 (US). PUNJ, Vasu; 1926 West Harrison Street, #1008, Chicago, IL 60612 (US). ZABORINA, Olga; 3433 Arden Avenue, Brookfield, IL 60513 (US).
- (74) MURRAY, John; 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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
(11) WO 02/076381 (13) A2
(21) PCT/US02/04764
(22) 15 Feb/fév 2002 (15.02.2002)
(25) en (26) en
(30) 60/276,866 15 Mar/mar 2001 US (15.03.2001)
(30) 09/938,987 24 Aug/août 2001 US (24.08.2001)
(30) 10/053,625 2 Nov/nov 2001 US (02.11.2001)
(30) pct/us01/51131 2 Nov/nov 2001 (02.11.2001)
(30) 60/338,721 4 Dec/déc 2001 US (04.12.2001)
(30) 60/338,969 10 Dec/déc 2001 US (10.12.2001)
(30) 60/339,033 10 Dec/déc 2001 US (10.12.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • PROANTHOCYANIDINS FOR THE TREATMENT OF AMYLOID AND ALPHA-SYNUCLEIN DISEASES
• PROANTHOCYANIDINES DESTINEES AU TRAITEMENT DES AMYLOSES ET DES MALADIES INDUITES PAR ALPHA-SYNUCLEINE
(71) PROTEOTECH, INC. [US/US]; 12026 - 115TH Avenue N.E., Kirkland, WA 98034 (US).
(72) SNOW, Alan, D.; 3812 167th Pl. S.W., Lynnwood, WA 98037 (US). CASTILLO, Geraldo, M.; 11725 82nd Avenue S., Seattle, WA 98178 (US). CHOI, Paula, Y.; Apt. 18, 11119 Woodenville Drive, Bothell, WA 98011 (US). NGUYEN, Beth, P.; 4608 NE 7th Place, Renton, WA 98059 (US).
(74) DWYER, Patrick, M.; Proteotech, Inc, Suite 114, 1818 Westlake Avenue N, Seattle, WA 98109 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 A61K
(11) WO 02/076382 (13) A2
(21) PCT/US02/05606
(22) 26 Feb/fév 2002 (26.02.2002)
(25) en (26) en
(30) 60/271,559 26 Feb/fév 2001 US (26.02.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • PREPARATION OF POLYARYL CARBOXYLIC ACIDS
• PREPARATION D'ACIDES POLYARYL CARBOXYLIQUES

(63) US 60/271,559 (CON)
26 Feb/fév 2001 (26.02.2001)
(71) HONEYWELL INTERNATIONAL, INC. [US/US]; 100 Columbia Road, P.O. Box 2245, Morristown, NJ 07962 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) QIAN, Zhenrong [CN/US]; 44 Center Grove Road, #T30, Randolph, NJ 07869 (US). SU, Heng, Eric [CN/US]; 504 Appleton Way, Whippany, NJ 07981 (US). DEWITT, Lee, Alan [US/US]; 1903 Oak Squire Lane, Howell, MI 48843 (US).
(74) BUTCH, Peter, J., III et al. / etc.; Synnestvedt & Lechner LLP, 2600 Aramark Tower, 1101 Market Street, Philadelphia, PA 19107-2950 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K
(11) WO 02/076383 (13) A2
(21) PCT/US02/06643
(22) 20 Mar/mar 2002 (20.03.2002)
(25) en (26) en
(30) 09/815,340 23 Mar/mar 2001 US (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • SECURIN IS REQUIRED FOR CHROMOSOMAL STABILITY IN HUMAN CELLS
• PRESENCE NECESSAIRE DE LA SECURINE POUR LA STABILITE CHROMOSOMIQUE DANS LES CELLULES HUMAINES
(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) VOGELSTEIN, Bert [US/US]; 3700 Breton Way, Baltimore, MD 21208 (US). KINZLER, Kenneth, W. [US/US]; 1403 Halkirk Way, BelAir, MD 21209 (US). JALLEPALLI, Prasad [US/US]; Apartment 101, 2005 Fitzwaren Place, Baltimore, MD 21209 (US). LENGAUER, Christoph [AU/US]; 9212 Adalee Court, Columbia, MD 21045 (US).
(74) KAGAN, Sarah, A.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K
(11) WO 02/076384 (13) A2
(21) PCT/US02/07272
(22) 8 Mar/mar 2002 (08.03.2002)
(25) en (26) en
(30) 60/277,599 21 Mar/mar 2001 US (21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • THERAPEUTIC COMPOSITIONS THAT ALTER THE IMMUNE RESPONSE
• COMPOSITIONS THERAPEUTIQUES PERMETTANT DE MODIFIER LA RE-PONSE IMMUNITAIRE
(71) ALTAREX CORP. [US/US]; 610 Lincoln Street, Waltham, MA 02451 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SCHULTES, Birgit, C. [DE/US]; 12 Monadnock Road, Arlington, MA 02476 (US). NICODEMUS, Christopher, F. [US/US]; 198 8th Street #706, Charlestown, MA 02129 (US).
(74) KEOWN, Wayne, A.; Suite 2900, 500 West Cummings Park, Woburn, MA 01801 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K
(11) WO 02/076384 (13) A2
(21) PCT/US02/07272
(22) 8 Mar/mar 2002 (08.03.2002)
(25) en (26) en
(30) 60/277,599 21 Mar/mar 2001 US (21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • THERAPEUTIC COMPOSITIONS THAT ALTER THE IMMUNE RESPONSE
• COMPOSITIONS THERAPEUTIQUES PERMETTANT DE MODIFIER LA RE-PONSE IMMUNITAIRE
(71) ALTAREX CORP. [US/US]; 610 Lincoln Street, Waltham, MA 02451 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SCHULTES, Birgit, C. [DE/US]; 12 Monadnock Road, Arlington, MA 02476 (US). NICODEMUS, Christopher, F. [US/US]; 198 8th Street #706, Charlestown, MA 02129 (US).
(74) KEOWN, Wayne, A.; Suite 2900, 500 West Cummings Park, Woburn, MA 01801 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(51)⁷ A61K
(11) WO 02/076385 (13) A2
(21) PCT/US02/07852
(22) 14 Mar/mar 2002 (14.03.2002)
(25) en (26) en
(30) 09/815,485 23 Mar/mar 2001 US (23.03.2001)
(30) 09/815,732 23 Mar/mar 2001 US (23.03.2001)
(30) 09/815,631 23 Mar/mar 2001 US (23.03.2001)
(30) 09/815,486 23 Mar/mar 2001 US (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • ASYMMETRIC BENZALDEHYDE ALDITOL DERIVATIVES, METHODS

OF MAKING THEREOF, AND COMPOSITIONS AND ARTICLES CONTAINING SAME

- DERIVES DE BENZALDEHYDE ALDITOL ASYMETRIQUES, LEURS PROCEDES DE PRODUCTION ET COMPOSITIONS ET ARTICLES LES CONTENANT

(71) **MILLIKEN & COMPANY** [US/US]; 920 Milliken Road, Spartanburg, SC 29303 (US).

(72) **DOTSON, Darin, L.**; 4150 Shepard Road, Spartanburg, SC 29301 (US). **BURKHART, Brian, M.**; 4 Braelock Court, Greenville, SC 29615 (US). **ANDERSON, John, D.**; 334 West Autumn Ridge Rd., Moore, SC 29369 (US). **JONES, Jeffrey, B.**; 138 Coastline Drive, Inman, SC 29349 (US). **SHEPPARD, Shawn, R.**; 348 Annabel Drive, Spartanburg, SC 29316 (US). **MEHL, Nathan, A.**; 253 Preston Drive, Moore, SC 29369 (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 VN YU ZA ZM ZW.

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

(11) **WO 02/076386** (13) A2

(21) PCT/US02/07967

(22) **18 Mar/mar 2002 (18.03.2002)**

(25) en (26) en

(30) 60/278,891 **26 Mar/mar 2001 US (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF INDUCING PROLIFERATION OF RETINAL STEM CELLS

- PROCEDE PERMETTANT D'INDUIRE LA PROLIFERATION DE CELLULES SOUCHES RETINIENNES

(71) **ZYMOGENETICS, INC.** [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US). **UNIVERSITY OF WASHINGTON** [US/US]; Seattle, WA 98195 (US).

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

(72, 75) **MOORE, Emma, E.** [US/US]; 3507 30th Avenue West, Seattle, WA 98199 (US).

REH, Thomas [US/US]; 9006 25th Avenue NE, Seattle, WA 98115 (US).

(74) **LUNN, Paul, G.**; Zymo Genetics, 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 US UZ VN YU ZA ZM ZW.

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

(11) **WO 02/076387** (13) A2

(21) PCT/US02/08435

(22) **20 Mar/mar 2002 (20.03.2002)**

(25) en (26) en

(30) 60/279,150 **27 Mar/mar 2001 US (27.03.2001)**

(30) 10/013,851 **10 Dec/déc 2001 US (10.12.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COLORED COSMETIC COMPOSITION WITH NOVEL AESTHETICS

- COMPOSITION COSMETIQUE COLOREE PRESENTANT DE NOUVELLES PROPRIETES ESTHETIQUES

(71) **AVON PRODUCTS, INC.** [US/US]; 1251 Avenue of the Americas, New York, NY 10020-1196 (US).

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

(72, 75) **WANG, Yinli** [US/US]; 53 Peach Hill, Ramsey, NJ 07446 (US). **MARTIN, Shari** [US/US]; 26 Claremont Lane, Surferrn, NY 10901 (US). **ROTHOUSE, Jason** [US/US]; 527 Avalon Gardens Drive, Nanuet, NY 10954 (US). **LEMBO, Dawn** [US/US]; 200 Christie Street, Leonia, NY 07605 (US).

(74) **RUGGIERO, Charles, N., J.**; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., One Landmark Square, 10th Floor, Stamford, CT 06901-2682 (US).

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

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

(11) **WO 02/076388** (13) A2

(21) PCT/US02/08472

(22) **19 Mar/mar 2002 (19.03.2002)**

(25) en (26) en

(30) 60/278,529 **23 Mar/mar 2001 US (23.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS FOR INCREASING ANALGESIC POTENCY AND ATTENUATING ADVERSE EXCITATORY EFFECTS OF BIMODALLY-ACTING OPIOID AGONISTS BY INHIBITING GM1-GANGLIOSIDE

- PROCEDES PERMETTANT D'AUGMENTER L'ACTIVITE ANALGESIQUE

ET D'ATTENUER LES EFFETS EXCITATEURS INDESIRABLES D'AGONISTES OPIOIDES AGISSANT DE FAÇON BIMODALE PAR INHIBITION DU GANGLIOSIDE GM1

(71) **ALBERT EINSTEIN COLLEGE OF MEDECINE OF YESHIVA UNIVERSITY** [US/US]; 1300 Morris Park Avenue, Bronx, NY 10461 (US).

(72) **CRAIN, Stanley, M.**; 2472 Pinehurst Court, State College, PA 16803 (US). **SHEN, Ke-Fei**; 144-30 Sanford Avenue, Apartment 5T, Flushing, NY 11355 (US).

(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 CH CY DE DK ES FI FR GB GR IE IT 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

(11) **WO 02/076389** (13) A2

(21) PCT/US02/08569

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

(25) en (26) en

(30) 60/277,694 **21 Mar/mar 2001 US (21.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOSITIONS AND METHODS TO PREVENT METASTASIS FROM PRIMARY MALIGNANCIES

- COMPOSITIONS ET METHODES PERMETTANT D'EMPECHER L'APPARITION DE METASTASES A PARTIR DE TUMEURS MALIGNES PRIMAIRES

(71) **THE TRUSTEES OF BOSTON UNIVERSITY** [US/US]; 108 Bay State Road, Boston, MA 02115 (US).

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(72, 75) **THOMAS, Peter** [GB/US]; 57 Elm Street, Pembroke, MA 02359 (US). **BAJENOVA, Olga** [RU/US]; 3A Clark Street, Somerville, MA 02143 (US).

(74) **RESNICK, David, S.**; Nixon Peabody LLP, 101 Federal Street, Boston, MA 02210 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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
(11) WO 02/076390 (13) A2
(21) PCT/US02/08622
(22) 19 Mar/mar 2002 (19.03.2002)
(25) en (26) en
(30) 60/278,523 23 Mar/mar 2001 US
(23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHODS FOR TREATING STRESS
DISORDERS USING GLUCOCORTI-
COID RECEPTOR-SPECIFIC ANTAG-
ONISTS
• METHODES DE TRAITEMENT DES
TROUBLES DU STRESS AU MOYEN
D'ANTAGONISTES SPECIFIQUES
DU RECEPTEUR DES GLUCOCORTI-
COIDES

(71) CORCEPT THERAPEUTICS, INC.
[US/US]; 275 Middlefield Road, Suite A,
Menlo Park, CA 94025 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) BELANOFF, Joseph, K. [US/US]; 1
Southgate Drive, Woodside, CA 94062 (US).

(74) WEBER, Kenneth, A. et al. / etc.; Townsend
and Townsend and Crew LLP, Two Embar-
cadero Center, Eighth Floor, San Francisco,
CA 94111-3843 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 A61K
(11) WO 02/076391 (13) A2
(21) PCT/US02/08651
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 60/277,947 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • DELIVERY OF DISEASE CONTROL IN
AQUACULTURE AND AGRICULTURE
USING MICROBES CONTAINING
BIOACTIVE PROTEINS
• ADMINISTRATION DE TRAITEMENT
CONTRE UNE MALADIE EN AQUA-
CULTURE ET EN AGRICULTURE AU
MOYEN DE MICROBES CONTENANT
DES PROTEINES BIO-ACTIVES

(71) ADVANCED BIONUTRITION [US/US];
6430-C Dobbin Road, Columbia, MD 21045
(US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) KYLE, David, J. [US/US]; c/o Ad-
vanced BioNutrition, 6430-C Dobbin Road,
Columbia, MD 21045 (US).

(74) GARRETT, Arthur, S. et al. / etc.;
Finnegan, Henderson, Farabow, Garrett
& Dunner, L.L.P., 1300 I Street, N.W., Wash-
ington, 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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
(11) WO 02/076392 (13) A2
(21) PCT/US02/08697
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 60/277,666 21 Mar/mar 2001 US
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • THERMALLY REVERSIBLE WATER
IN OIL IN WATER EMULSIONS
• EMULSIONS EAU DANS HUILE DANS
EAU THERMIQUEMENT REVER-
SIBLES

(71) MADASH LLC [US/US]; 7 Coach Road,
Lexington, MA 02420 (US).

(72) RON, Eyal, S.; 7 Coach Road, Lexington,
MA 02420 (US). OLIVIERE, Latitia; Paris
(FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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
(11) WO 02/076393 (13) A2
(21) PCT/US02/08852
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 60/278,149 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ANTIAGIONECIC, ANTITUMOR,
CHEMOPREVENTATIVE AGENTS
• AGENTS ANTIANGIONENES, ANTI-
TUMORAUX, ET CHIMIOPREVEN-
TIFS

(71) EMORY UNIVERSITY [US/US]; 2009
Ridgewood Drive, Atlanta, GA 30322 (US).
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les États désignés sauf US)*

(72, 75) ARBISER, Jack, L. [US/US]; 1690
Parliament Point, Atlanta, GA 30322 (US).
BAI, Xianhe [US/US]; 4188 Jerry Lynn Ct.,
Tucker, GA 30084 (US).

(74) LINDER, Christopher, B.; Thomas, Kay-
den, Horstemeyer & Risley, LLP, 100 Gale-
ria Parkway, NW, Suite 1750, Atlanta, GA
30339-5948 (US).

(81) AU CA JP US.

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

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

(51)⁷ A61K
(11) WO 02/076394 (13) A2
(21) PCT/US02/08922
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 60/278,026 22 Mar/mar 2001 US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ENZYME-BASED ANTI-CANCER
COMPOSITIONS AND METHODS
• COMPOSITIONS ANTICANCE-
REUSES A BASE D'ENZYMES ET
TECHNIQUES

(71) THE OHIO STATE UNIVERSITY RE-
SEARCH FOUNDATION [US/US]; 1960
Kenny Road, Columbus, OH 43210-1063
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les États désignés sauf US)*

(72, 75) LEE, Robert [US/US]; 2300 Green
Island Drive, Columbus, OH 43228 (US).
PAN, Xing [CN/US]; 622 Harley Drive, Apt
1, Columbus, OH 43202 (US).

(74) DOCHERTY, Pamela, A.; Calfee, Hatler
& 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TN TR TT TZ UA UG US
UZ VN YU ZA ZW.

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

(51)⁷ A61K
(11) WO 02/076395 (13) A2
(21) PCT/US02/08938
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en

- (30) 60/278,512 **23 Mar/mar 2001** US
(**23.03.2001**)
- (30) 09/961,969 **24 Sep/sep 2001** US
(**24.09.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • AGENTS AND METHODS FOR TREATMENT OF CANCER
• AGENTS ET PROCEDES DE TRAITEMENT DU CANCER
- (71) **PHARMACIA CORPORATION** [US/US]; 800 N. Lindbergh Blvd., M/S 04E, St. Louis, MO 63167-7843 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MANNING, Pamela, T.** [US/US]; 3535 Hwy T, Labadie, MO 63055 (US). **CONNOR, Jane, R.** [US/US]; 7027 Waterman Avenue, University City, MO 63130 (US). **SEIBERT, Karen** [US/US]; 147 Marine Lane, St. Louis, MO 63146 (US). **RAO, Chinthalapally, V.** [IN/US]; 15 Crugers Station Road, Croton-on-Hudson, NY 10520 (US). **REDDY, Bandaru, S.** [US/US]; #2 Lancaster Drive, Suffern, NY 10901 (US).
- (74) **POLSTER, Philip, B., II**; Pharmacia Corporation, 800 N. Lindbergh Blvd., M/S 04E, St. Louis, MO 63167-7843 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) **WO 02/076396** (13) A2
(21) PCT/US02/08968
(22) **22 Mar/mar 2002 (22.03.2002)**
(25) en (26) en
(30) 60/278,117 **23 Mar/mar 2001** US
(**23.03.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMPOUNDS USEFUL AS KINASE INHIBITORS FOR THE TREATMENT OF HYPERPROLIFERATIVE DISEASES
• COMPOSES UTILES EN TANT QU'INHIBITEURS DE KINASE POUR LE TRAITEMENT DE MALADIES HYPERPROLIFERATIVES
- (71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; UW2220, 709 Swedeland Road, King of Prussia, PA 19406 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BONDINELL, William, E.** [US/US]; 1512 Franklin Lane, Wayne, PA 19087 (US). **HOLT, Dennis, A.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **LAGO, Maria, Amparo** [ES/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **NEEB, Michael, J.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **SEMONES, Marcus, A.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).
- (74) **VENETIANER, Stephen**; UW2220, 709 Swedeland Road, King Of Prussia, PA 10406 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K
(11) **WO 02/076398** (13) A2
(21) PCT/US02/09165
(22) **27 Mar/mar 2002 (27.03.2002)**
(25) en (26) en
- (30) 60/279,210 **27 Mar/mar 2001** US
(**27.03.2001**)
- (30) 60/279,489 **28 Mar/mar 2001** US
(**28.03.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • IMPROVED FORMS OF PHARMACEUTICALLY ACTIVE AGENTS AND METHOD FOR MANUFACTURE THEREOF
• FORMES AMELIOREES D'AGENTS PHARMACEUTIQUEMENT ACTIFS ET PROCEDE DE FABRICATION DE CELLES-CI
- (71) **R.P. SCHERER TECHNOLOGIES, INC.** [US/US]; A Nevada corporation, Suite 260, 2030 East Flamingo Road, Paradise Valley, NV 89119 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **XU, Xinmin (Samuel)** [US/US]; 118 Ketchman Road, Belle Mead, NJ 08502 (US). **ERKOBONI, David, F.** [US/US]; 35 Shara Lane, Pennington, NJ 08634 (US). **LEBO, David, B.** [US/US]; 487 Hardman Lane, Warminster, PA 18974 (US). **FAVARA, Andrew** [US/US]; 2 Woodruff Road, New Egypt, NJ 08533 (US).
- (74) **NICKEY, Donald, O.**; Assistant General Counsel - I.P., Cardinal Health, Inc., 7000 Cardinal Place, Dublin, OH 43017 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ A61K
(11) **WO 02/076399** (13) A2
(21) PCT/US02/09267
(22) **25 Mar/mar 2002 (25.03.2002)**
(25) en (26) en
(30) 60/278,181 **23 Mar/mar 2001** US
(**23.03.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • YOHIMBINE DIMERS EXHIBITING BINDING SELECTIVITIES FOR α_2 ADRENERGIC RECEPTORS
• DIMERES YOHIMBIQUES PRESENTANT DES SELECTIVITES DE LIAISON POUR DES RECEPTEURS ADRENERGIQUES α_2
- (71) **THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION** [US/US]; Suite 415, Communications Building, Knoxville, TN 37996-0344 (US).
- (72) **MILLER, Duane, D.**; 8706 Maple Creek Cover, Germantown, TN 38139 (US). **ZHENG, Weiping**; 8 Rose Crans Place, Apt. TD, Baltimore, MD 21236 (US). **MOORE, Robert, M., II**; 3793 Magnolia Lane, Nesbit, MS 38651 (US). **MUSTAFA, Suni**; 141 N. Manassas Street, Apt. 5, Memphis, TN 38105 (US).
- (74) **GOLDMAN, Michael, L.** et al. / etc.; Nixon Peabody LLP, Clinton Square, P.O. Box 31051, Rochester, NY 14603-1051 (US).

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

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

(11) WO 02/076400 (13) A2

(21) PCT/US02/09335

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/817,829 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INOSINE COMPOUNDS AND THEIR USE FOR TREATING OR PREVENTING AN INFLAMMATION OR A REPERFUSION DISEASE

• COMPOSES D'INOSINE ET LEURS UTILISATIONS POUR LE TRAITEMENT OU LA PREVENTION D'UNE INFLAMMATION OU D'UNE MALADIE DE REPERFUSION

(71) INOTEK PHARMACEUTICALS CORPORATION [US/US]; 280 Cummings Center, Beverly, MA 01915 (US).

(72) SALZMAN, Andrew; Apartment 1, 483 Pleasant Street, Belmont, MA 02078 (US). SZABO, Csaba; 30 Starknought Heights, Gloucester, MA 01930 (US).

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

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

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

(11) WO 02/076401 (13) A2

(21) PCT/US02/09378

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/278,837 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF ATTENUATING REACTIONS TO SKIN IRRITANTS

• METHODE PERMETTANT D'ATTENUER LES REACTIONS A DES IRRITANTS CUTANES

(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) WILSON, S., Brian [US/US]; 33 Homestead Street, Lexington, MA 02421 (US). DRANOFF, Glenn [US/US]; 28 Outlook Drive, Lexington, MA 02421 (US). GILLESSEN, Silke [CH/CH]; Rotachstr. 9, CH-9000 St. Gallen (CH).

(74) EISENSTEIN, Ronald, I.; Nixon Peabody LLP, 101 Federal Street, Boston, MA 02110 (US).

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

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

(11) WO 02/076402 (13) A2

(21) PCT/US02/09389

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,552 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FATTY AMINE DRUG CONJUGATES
• CONJUGUES A BASE D'AMINES GRAS ET D'AGENTS PHARMACEUTIQUES

(71) PROTARGA, INC. [US/US]; Suite 450, 2200 Renaissance Blvd., King of Prussia, PA 19406 (US).

(72) SWINDELL, Charles, S.; 613 Schiller Avenue, Merion, PA 19066 (US). FEGLEY, Glenn; 48 Chadwick Circle, Eagleville, PA 19403 (US).

(74) D'APUZZO, Chantal; 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 CH CY DE DK ES FI FR GB GR IE IT 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

(11) WO 02/076403 (13) A2

(21) PCT/US02/09416

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,141 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS FOR THE TREATMENT OF HIV AND OTHER VIRUSES

• METHODES DE TRAITEMENT DU VIH ET D'AUTRES VIRUS

(71, 72) HARRIS, Michael, F. [US/US]; 1120 Quail Roost Farm Rd., Rougemont, NC 27572 (US).

(74) SETO, Jeffrey; 617 Tinkerbell Rd., Chapel Hill, NC 27517 (US).

(81) AE AU BR BZ CA CN CR FI HR HU IL IN JP KP KR MX NO NZ PH SI SK TT US VN ZA.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 02/076404 (13) A2

(21) PCT/US02/09471

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,457 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FATTY ALCOHOL DRUG CONJUGATES

• CONJUGUES D'AGENTS PHARMACEUTIQUES ET D'ALCOOLS GRAS

(71) PROTARGA, INC. [US/US]; Suite 450, 2200 Renaissance Blvd., King of Prussia, PA 19406 (US).

(72) SWINDELL, Charles, S.; 613 Schiller Avenue, Merion, PA 19066 (US). FEGLEY, Glenn; 48 Chadwick Circle, Eagleville, PA 19403 (US).

(74) D'APUZZO, Chantal; 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 ZW.

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

(11) WO 02/076405 (13) A2

(21) PCT/US02/09527

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

- (30) 60/279,093 **27 Mar/mar 2001** US
(**27.03.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMPOSITIONS AND METHODS OF TREATMENT OF ULCERATING DISEASES, BURNS, AND RELATED CONDITIONS
• COMPOSITIONS ET METHODES DE TRAITEMENT DE MALADIES ULCERATIVES, DE BRULURES, ET D'ETATS ASSOCIES
- (71) **EMORY UNIVERSITY** [US/US]; 2009 Ridgewood Drive, Atlanta, CA 30322 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ARBISER, Jack, L.** [US/US]; 1690 Parliament Point, Atlanta, GA 30322 (US).
- (74) **LINDER, Christopher, B.**; Thomas, Kayden, Horstemeyer & Risley, LLP, 100 Galleria Parkway, NW, Suite 1750, Atlanta, GA 30339-5948 (US).
- (81) AU CA JP 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 **A61K**
(11) **WO 02/076406** (13) A2
(21) PCT/US02/09694
(22) **27 Mar/mar 2002 (27.03.2002)**
(25) en (26) en
(30) 60/279,052 **27 Mar/mar 2001** US
(**27.03.2001**)
(30) 60/323,920 **21 Sep/sep 2001** US
(**21.09.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ANTIBODIES AGAINST AUTOANTIGENS OF PRIMARY BILIARY CIRRHOSIS AND METHODS OF MAKING AND USING THEM
• ANTICORPS CONTRE AUTOANTIGENES DE CIRRHOSE BILIAIRE PRIMAIRE ET METHODES DE PREPARATION ET D'UTILISATIONS ASSOCIEES
- (71, 72) **GERSHWIN, M., Eric** [US/US]; 25191 Road 96, Davis, CA 95616 (US).
- (74) **HALEY, James, F. et al.** / etc.; c/o Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 7/00, 9/50**
(11) **WO 02/076407** (13) A1
(21) PCT/EP02/02753
- (22) **13 Mar/mar 2002 (13.03.2002)**
(25) de (26) de
(30) 01107165.1 **22 Mar/mar 2001** EP
(**22.03.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • W/O OR O/W/O EMULSIONS CONTAINING MICROCAPSULES COMPRISED OF ACTIVE SUBSTANCES AND OF THERMOGELLING HETEROPOLYSACCHARIDES OR OF PROTEINS
• EMULSIONS DE TYPE EAU DANS HUILE (W/O) OU HUILE DANS EAU DANS HUILE (O/W/O) RENFERMANT DES MICROCAPSULES DE SUBSTANCES ACTIVES ET D'HETEROPOLYSACCHARIDES OU DE PROTEINES THERMOGELIFIANTS
- (71) **COGNIS IBERIA S.L.** [ES/ES]; Poligono San Vicente, E-08755 Castellbisbal (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TACIES, Anna** [ES/ES]; c/ Vallespir 157, 4^o-3a, Barcelona (ES). **COPETE VIDAL, Terese** [ES/ES]; Avda. Pla del Vinyet, 79, 4^o, 3a, Esc. B, E-08190 Sant Cugat del Vallès/Barcelona (ES). **DOMINGO, Marta** [ES/ES]; Av. Coll de Portell 41, 5^o 1^a, E-08024 Barcelona (ES). **PI SUBIRANA, Rafael** [ES/ES]; C / Venezuela, 62, E-08400 Granollers (ES). **VILADOT PEITIT, Josep-Lluís** [ES/ES]; Rbla. Poblenou 133, 2on-3a, E-08018 Barcelona (ES).
- (74) **FABRY, Bernd**; Cognis Deutschland GmbH & Co. KG, CRT-IP, Postfach 13 01 64, 40551 Düsseldorf (DE).
- (81) CN JP KR US.
- Published / Publiée : (c)
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- (51)⁷ **A61K 7/00**
(11) **WO 02/076408** (13) A2
(21) PCT/EP02/02839
(22) **14 Mar/mar 2002 (14.03.2002)**
(25) de (26) de
(30) 101 14 561.6 **24 Mar/mar 2001** DE
(**24.03.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • USE OF AGENTS CONTAINING CREATINE, CREATININE AND/OR DERIVATIVES THEREOF FOR STRENGTHENING AND IMPROVING THE STRUCTURE OF KERATIN FIBERS
• UTILISATION D'AGENTS RENFERMANT DE LA CREATINE, DE LA CREATININE ET/OU DES DERIVES DE CELLES-CI AFIN DE RENFORCER DES FIBRES DE KERATINE ET D'AMELIORER LEUR STRUCTURE
- (71) **WELLA AKTIENGESELLSCHAFT** [DE/DE]; RP, Berliner Allee 65, 64274 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BIMCZOK, Rudolf** [DE/DE]; Brüder-Grimm-Strasse 12, 64342 Seeheim-Jugenheim (DE). **KRIPP, Thomas** [DE/DE]; Scheffelstrasse 19, 64407 Fränkisch-Crumbach (DE). **GRASSER, Beate** [DE/DE]; Rotenhofstrasse 38, 65795
- Hattersheim (DE). **SPRINGOB, Christian** [DE/DE]; Beginenstrasse 1, 64625 Bensheim (DE).
- (74) **WELLA AKTIENGESELLSCHAFT**; RP, Berliner Allee 65, 64274 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 7/00**
(11) **WO 02/076409** (13) A2
(21) PCT/EP02/03162
(22) **21 Mar/mar 2002 (21.03.2002)**
(25) de (26) de
(30) 101 14 305.2 **23 Mar/mar 2001** DE
(**23.03.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COSMETIC AND DERMATOLOGICAL PREPARATIONS COMPRISING AN ISOFLAVONE CONTENT AND THE USE OF ISOFLAVONES FOR PRODUCING COSMETIC AND DERMATOLOGICAL PREPARATIONS FOR REDUCING THE SEBUM CONTENT OF THE SKIN
• PREPARATIONS COSMETIQUES ET DERMATOLOGIQUES CONTENANT DES ISOFLAVONES ET UTILISATION D'ISOFLAVONES POUR PRODUIRE DES PREPARATIONS COSMETIQUES ET DERMATOLOGIQUES DESTINEES A REDUIRE LE TAUX DE SEBUM DE LA PEAU
- (71) **BEIERSDORF AG** [DE/DE]; Unnastrasse 48, 20245 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GALLINAT, Stefan** [DE/DE]; Martin-Niemöller-Strasse 13, 22880 Wedel (DE). **VENZKE, Kirsten** [DE/DE]; Novalisweg 27, 22303 Hamburg (DE). **HERPENS, Andreas** [DE/DE]; Steinburger Strasse 5B, 21465 Reinbek (DE). **BIERGIESSER, Helga** [DE/DE]; Sandweg 16, 21465 Reinbek (DE). **STÄB, Franz** [DE/DE]; Bäckerstrasse 3, 21379 Echem (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).
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- (51)⁷ **A61K 7/00**
(11) **WO 02/076410** (13) A2
(21) PCT/EP02/03178
(22) **21 Mar/mar 2002 (21.03.2002)**
(25) de (26) de
(30) 101 14 304.4 **23 Mar/mar 2001** DE
(**23.03.2001**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COSMETIC AND DERMATOLOGICAL PREPARATIONS COMPRISING A CONTENT OF A HOP EXTRACT OR HOP-MALT EXTRACT, AND THE UTILIZATION OF A HOP EXTRACT OR HOP-MALT EXTRACT FOR PRODUCING COSMETIC AND DERMATOLOGICAL PREPARATIONS USED FOR REDUCING THE SEBUM CONTENT OF THE SKIN

• PREPARATIONS COSMETIQUES ET DERMATOLOGIQUES RENFERMANT UN EXTRAIT DE HOUBLON OU DE HOUBLON-MALT ET UTILISATION D'UN EXTRAIT DE HOUBLON OU DE HOUBLON-MALT DANS LA PRODUCTION DE PREPARATIONS COSMETIQUES ET DERMATOLOGIQUES SERVANT A REDUIRE LA SECRETION DE SEBUM CUTANE

(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) GALLINAT, Stefan [DE/DE]; Martin-Niemöller-Strasse 13, 22880 Wedel (DE). HERPENS, Andreas [DE/DE]; Steinburger Strasse 5B, 21465 Reinbek (DE). BIERGIESSER, Helga [DE/DE]; Sandweg 16, 21465 Reinbek (DE). VENZKE, Kirsten [DE/DE]; Novalisweg 27, 22303 Hamburg (DE). STÄB, Franz [DE/DE]; Bäckerstrasse 3, 21379 Echem (DE).

(74) BEIERSDORF AG; 6713-Patentabteilung, Unnastrasse 48, 20245 Hamburg (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 A61K 7/00

(11) WO 02/076411 (13) A2

(21) PCT/PL02/00025

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) P.346741 27 Mar/mar 2001 PL (27.03.2001)

(30) P.351536 4 Jan/jan 2002 PL (04.01.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DERMATOLOGICAL AGENT FOR THE TREATMENT OF SKIN TRAUMA, ESPECIALLY IN BURN CONDITIONS

• AGENT DERMATOLOGIQUE POUR LE TRAITEMENT DES LESIONS CUTANÉES, PARTICULIEREMENT DES BRULURES

(71, 72) OWOC, Dorian [PL/PL]; ul. Bielawskiego 15/4, PL-36-200 Brzozów (PL).

(74) WARZYBOK, Tadeusz; PUIPH "Inicjator" Sp.z o.o. Biuro Patentowe, ul. Zimowit 3/15, PL-35605 Rzeszów (PL).

(81) AE AL AU BG BR CA CN CZ DZ EE HU ID IL IN JP KP KR LR LT LV MA MK MN MX NZ PH RO SD SI SK TN UA US UZ VN YU ZA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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

(51)⁷ A61K 7/00

(11) WO 02/076412 (13) A2

(21) PCT/US01/48599

(22) 7 Dec/déc 2001 (07.12.2001)

(25) en (26) en

(30) 0030369.3 13 Dec/déc 2000 GB (13.12.2000)

(30) 0111166.5 8 May/mai 2001 GB (08.05.2001)

(30) 0120049.2 16 Aug/août 2001 GB (16.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • OXIDATIVE HAIR DYE COMPOSITION CONTAINING POLYALKYLENEGLYCOL(N)ALKYLAMINE AND A SOLID FATTY COMPOUND

• COMPOSITION OXYDANTE POUR TEINTURE CAPILLAIRE REFERMANT UNE (N)ALKYLAMINE DE POLYALKYLENEGLYCOL ET UN COMPOSE GRAS SOLIDE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAMMOND, Roger, Clive [GB/GB]; 11 Wendover Road, Staines, Middlesex TW18 3DE (GB). GEARY, Nicholas, William [GB/US]; 4724 Bellevue Avenue, Blue Ash, OH 45242 (US).

(74) THE PROCTER & GAMBLE COMPANY; c/o Mr. T. David Reed, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 A61K 7/00

(11) WO 02/076413 (13) A2

(21) PCT/US02/08424

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 09/813,614 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SKIN CARE COMPOSITIONS

• COMPOSITIONS COSMETIQUES POUR LA PEAU

(71) SCHERING-PLOUGH HEALTHCARE PRODUCTS, INC. [US/US]; Patent Department - K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FOWLER, Kevin [US/US]; 1280 Locke-Cuba Road, Millington, TN 38053 (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 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 CH CY DE DK ES FI FR GB GR IE 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 :

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ A61K 7/02, 7/48, 7/32, 7/42

(11) WO 02/076414 (13) A2

(21) PCT/US02/06569

(22) 5 Mar/mar 2002 (05.03.2002)

(25) en (26) en

(30) 60/274,165 7 Mar/mar 2001 US (07.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TOPICAL COMPOSITION COMPRISING A FUNCTIONAL AROMATIC DERIVATIVE COSMETIC BONDING AGENT

• COMPOSITIONS TOPIQUES COMPRENANT UN AGENT LIANT COSMETIQUE, DERIVE AROMATIQUE FONCTIONNEL

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) BEKELE, Haimanot; 1440 West Kemper Road, Apt. #1508, Cincinnati, OH 45240 (US).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

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

PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 7/06, A61P 17/00

(11) WO 02/076415 (13) A1

(21) PCT/EP02/03276

(22) 22 Mar/mar 2002 (22.03.2002)

(25) de (26) de

(30) 101 14 641.8 24 Mar/mar 2001 DE (24.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ANTI-DANDRUFF AGENT
• AGENT ANTIPPELLICULAIRE

(71) DIETIC DR. WIDMANN PHARMA + DIÄT GMBH [DE/DE]; Friedrichstrasse 14/1, 69412 Eberbach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WIDMANN, Arno [DE/DE]; Friedrichstrasse 14/1, 69412 Eberbach (DE).

(74) ISENBRUCK, Günter; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K 7/13

(11) WO 02/076416 (13) A1

(21) PCT/FR02/01060

(22) 27 Mar/mar 2002 (27.03.2002)

(25) fr (26) fr

(30) 01/04092 27 Mar/mar 2001 FR (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • OXIDATION DYEING COMPOSITION CONTAINING 3-AMINO PYRAZOLO-[1,5-A] PYRIDINE AND 2-AMINO-3-HYDROXY PYRIDINE
• COMPOSITION POUR LA TEINTURE D'OXYDATION CONTENANT 3-AMINO PYRAZOLO-[1,5-A]-PYRIDINE ET 2-AMINO-3-HYDROXY-PYRIDINE

(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) KRAVTCHEENKO, Sylvain [FR/FR]; 20, rue Tintoret, F-92600 Asnières (FR). LA-GRANGE, Alain [FR/FR]; 5, rue de Montry, F-77700 Coupvray (FR).

(74) FEVRIER, Murielle; L'Oreal/D.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 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 A61K 7/13

(11) WO 02/076417 (13) A1

(21) PCT/FR02/01063

(22) 27 Mar/mar 2002 (27.03.2002)

(25) fr (26) fr

(30) 01/04094 27 Mar/mar 2001 FR (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • OXIDATION DYEING COMPOSITION CONTAINING AT LEAST ONE 3-AMINO PYRAZOLO-[1,5-A]-PYRIDINE OXIDATION BASE AND AT LEAST ONE PARTICULAR PYRAZOLOTRIAZOLE COUPLING AGENT
• COMPOSITION POUR LA TEINTURE D'OXYDATION CONTENANT AU MOINS UNE BASE D'OXYDATION 3-AMINO PYRAZOLO-[1,5-A]-PYRIDINE ET AU MOINS UN COUPLEUR PYRAZOLOTRIAZOLE PARTICULIER

(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) KRAVTCHEENKO, Sylvain [FR/FR]; 20, rue Tintoret, F-92600 Asnières (FR). LA-GRANGE, Alain [FR/FR]; 5, rue de Montry, F-77700 Coupvray (FR).

(74) FEVRIER, Murielle; L'Oreal/D.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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K 7/13

(11) WO 02/076418 (13) A1

(21) PCT/FR02/01066

(22) 27 Mar/mar 2002 (27.03.2002)

(25) fr (26) fr

(30) 01/04095 27 Mar/mar 2001 FR (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • OXIDATION DYEING COMPOSITION 3-AMINO PYRAZOLO-[1,5-A]-PYRIDINE AND ONE PYRAZOLOTRIAZOLE COUPLING AGENT
• COMPOSITION POUR LA TEINTURE D'OXYDATION 3-AMINO PYRAZOLO-[1,5-A]-PYRIDINE ET UN COUPLEUR PYRAZOLOTRIAZOLE

(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) KRAVTCHEENKO, Sylvain [FR/FR]; 20, rue Tintoret, F-92600 Asnières (FR). LA-GRANGE, Alain [FR/FR]; 5, rue de Montry, F-77700 Coupvray (FR).

(74) FEVRIER, Murielle; L'Oreal/D.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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 7/13

(11) WO 02/076419 (13) A1

(21) PCT/FR02/01068

(22) 27 Mar/mar 2002 (27.03.2002)

(25) fr (26) fr

(30) 01/04097 27 Mar/mar 2001 FR (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • OXIDATION DYEING COMPOSITION CONTAINING 3-AMINO PYRAZOLO-[1,5-A]-PYRIDINE AND ONE AMINOPHENOL COUPLING AGENT
• COMPOSITION POUR LA TEINTURE D'OXYDATION CONTENANT 3-AMINO PYRAZOLO-[1,5-A]-PYRIDINE ET UN COUPLEUR AMINOPHENOL

(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) KRAVTCHEENKO, Sylvain [FR/FR]; 20, rue Tintoret, F-92600 Asnières (FR). LA-GRANGE, Alain [FR/FR]; 5, rue de Montry, F-77700 Coupvray (FR).

(74) FEVRIER, Murielle; L'Oréal/D.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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 7/16, 7/20

(11) WO 02/076420 (13) A1

(21) PCT/US02/02187

(22) 23 Jan/jan 2002 (23.01.2002)

(25) en (26) en

(30) 09/814,401 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MICRON SIZED BICARBONATE PARTICLES AND SLURRIES CONTAINING THE SAME

• PARTICULES DE BICARBONATE DE LA TAILLE DU MICRON ET BOUILLIES CONTENANT DE TELLES PARTICULES

(71) CHURCH & DWIGHT CO., INC. [US/US]; 469 North Harrison Street, Princeton, NJ 08543-5297 (US).

(72) EINZIGER, Mark, D.; 6 Heath Stone Drive, Manalapan, NJ 07726 (US). MAZIUK, John; 19 Running Brook Drive, Hightstown, NJ 08520 (US).

(74) GROSS, Marc, S. et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 7/46

(11) WO 02/076421 (13) A1

(21) PCT/EP02/02647

(22) 11 Mar/mar 2002 (11.03.2002)

(25) de (26) de

(30) 2001-86046 23 Mar/mar 2001 JP (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FRAGRANT MIXTURES WITH INCREASED STRENGTH OF ODOR

• MELANGES DE PARFUMS A ODEUR PLUS INTENSE

(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) KAWAKAMI, Ken [JP/JP]; 2-34-34-101 Nagatsuta, Midori-ku, Yokohama-shi, Kanagawa 226-0027 (JP). SONNENBERG, Steffen [DE/DE]; Weissdornweg 10, 37603 Holzminden (DE). MCDERMOTT, Keith [US/US]; 1635 Donague Road, Bound Brook, NJ 08805 (US). SMITH, Leslie [US/US]; 12 Lavender Drive, Princeton, NJ 08540 (US).

(74) ZOBEL, Manfred; Bayer Aktiengesellschaft, 51368 Leverkusen (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K 7/48, 7/36, 7/32

(11) WO 02/076422 (13) A1

(21) PCT/FR02/01019

(22) 22 Mar/mar 2002 (22.03.2002)

(25) fr (26) fr

(30) 01/03978 23 Mar/mar 2001 FR (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • USE OF A MIXTURE COMPRISING MN(II) AND/OR ZN(II) WITH A HYDROGENOCARBONATE AND AT LEAST AN ORTHODIPHENOL, AS AGENT REDUCING ADHESION OF MICRO-ORGANISMS

• UTILISATION D'UN MELANGE COMPRENANT MN(II) ET/OU ZN(II) AVEC UN HYDROGENOCARBONATE ET AU MOINS UN ORTHODIPHENOL, EN TANT QU'AGENT DIMINUANT L'ADHESION DES MICRO-ORGANISMES.

(71) L'OREAL [FR/FR]; 16 rue Royale, F-75008 PARIS (FR).

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

(72, 75) PRUCHE, Francis [FR/FR]; 17 avenue de la Nonette, F-60300 SENLIS (FR). PINEAU, Nathalie [FR/FR]; 31 rue Aristide Briand, F-95240 CORMEILLES en PARISIS (FR).

(74) CATHERINE, Alain et al. / etc.; Cabinet HARLE et PHELIP, 7 rue de Madrid, F-75008 PARIS (FR).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K 7/48, 31/70

(11) WO 02/076423 (13) A2

(21) PCT/US02/08420

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 60/277,805 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SKIN CARE COMPOSITIONS CONTAINING A SUGAR AMINE

• COMPOSITIONS DE SOIN CUTANE CONTENANT UN AMINO-SUCRE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) BISSETT, Donald, Lynn; 3925 Dust Commander Drive, Hamilton, OH 45011 (US). GOODMAN, Laura, Jackson; 134 West Fairway Drive, Hamilton, OH 45013 (US). JEWELL-MOTZ, Elizabeth, Ann; 8263 Little Harbor Drive, Cincinnati, OH 45244 (US).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K 9/00, 9/12, 47/48, A61M 15/02, 11/00, A61K 9/10, B05B 5/16, 5/00
- (11) WO 02/076424 (13) A1
- (21) PCT/GB02/01384
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 0107226.3 22 Mar/mar 2001 GB (22.03.2001)
- (30) 0123646.2 2 Oct/oct 2001 GB (02.10.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • LIQUID FORMATIONS FOR ELECTROHYDRODYNAMIC SPRAYING CONTAINING POLYMER AND SUSPENDED PARTICLES
- FORMULATIONS LIQUIDES POUR PULVERISATION ELECTROHYDRODYNAMIQUE, CONTENANT UN POLYMER ET DES PARTICULES EN SUSPENSION
- (71) BATTELLE MEMORIAL INSTITUTE [US/US]; 505 King Avenue, Columbus, OH 43201-2693 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DAVIES, David, Neville [GB/GB]; Electrosols Limited, The Magdalen Centre, The Oxford Science Park, Oxford OX4 4GA (GB). POLLARD, Marie [US/GB]; Electrosols Limited, The Magdalen Centre, The Oxford Science Park, Oxford OX4 4GA (GB). COFFEE, Ronald, Alan [GB/GB]; Electrosols Limited, The Magdalen Centre, The Oxford Science Park, Oxford OX4 4GA (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 CH CY DE DK ES FI FR GB GR IE IT 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 9/00
- (11) WO 02/076426 (13) A2
- (21) PCT/IE02/00040
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (30) S2001/0307 27 Mar/mar 2001 IE (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • INTRAVAGINAL DRUG DELIVERY DEVICES FOR THE ADMINISTRATION OF AN ANTIMICROBIAL AGENT
- DISPOSITIFS D'ADMINISTRATION DE MEDICAMENT PAR VOIE INTRAVAGINALE DESTINES A L'ADMINISTRATION D'AGENT ANTIMICROBIEN
- (71) GALEN (CHEMICALS) LIMITED [IE/IE]; Belgard Road, Tallaght, Dublin 24 (IE).
- (72) MALCOLM, Karl; 3 Briarwood Park, Belfast BT5 7HZ, Northern Ireland (GB).
- (30) 0121677.9 7 Sep/sep 2001 GB (07.09.2001)
- (30) 0122399.9 17 Sep/sep 2001 GB (17.09.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MANUFACTURING DISSOLVABLE DOSAGE FORMS
- FABRICATION DE DOSES POSOLOGIQUES À DISSOLUTION CONTRÔLÉE
- (71) BATTELLE (MEMORIAL INSTITUTE) [US/US]; 505 King Avenue, Columbus, OH 43201-2693 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COFFEE, Ronald, Alan [GB/GB]; Thursley Copse, Farnham Lane, Haslemere, Surrey GU27 1HA (GB). DAVIES, David, Neville [GB/GB]; c/o Electrosols Limited, The Magdalen Centre, The Oxford Science Park, Oxford OX4 4GA (GB). ESSEX-LOPRESTI, Johnathan [GB/GB]; c/o Electrosols Limited, The Magdalen Centre, The Oxford Science Park, Oxford OX4 4GA (GB). WAN, Margaret [GB/GB]; c/o Electrosols Limited, The Magdalen Centre, The Oxford Science Park, Oxford OX4 4GA (GB). BUSBY, Anna [GB/GB]; c/o Electrosols Limited, The Magdalen Centre, The Oxford Science Park, Oxford OX4 4GA (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- WOOLFSON, David; 17 Bristow Park, Belfast BT9 6TF, Northern Ireland (GB). ELLIOTT, Grant; Site 5, Kilcoan View, Ballystrudder, Islandmagee BT40, Northern Ireland (GB). SHEPHARD, Martin; 4 Ravenhill Parade, Belfast BT6 8NU, Northern Ireland (GB).
- (74) O'CONNELL, Maura et al. / etc.; F.R. Kelly & Co, 27 Clyde Road, Ballsbridge, Dublin 4 (GB).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 9/127, 48/00
- (11) WO 02/076427 (13) A2
- (21) PCT/US02/09278
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) en (26) en
- (30) 60/278,605 26 Mar/mar 2001 US (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PH SENSITIVE LIPOSOMAL DRUG DELIVERY
- ADMINISTRATION DE MEDICAMENTS AUX LIPOSOMES, SENSIBLES AU PH
- (71) THOMAS JEFFERSON UNIVERSITY [US/US]; 1020 Walnut St Suite 630, Philadelphia, PA 19107 (US).
- (72) PONNAPPA, Biddanda, C.; 325 Scola Road, Brookhaven, PA 19015 (US).
- (74) MONACO, Daniel, A.; Drinker, Biddle & Reath, LLP, One Logan Square, 18th and Cherry Streets, Philadelphia, PA 19103-6996 (US).
- (81) CN JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ A61K 9/127, 9/133
- (11) WO 02/076428 (13) A1
- (21) PCT/US02/09330
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (30) 60/278,869 26 Mar/mar 2001 US (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • LIPOSOME COMPOSITION FOR IMPROVED INTRACELLULAR DELIVERY OF A THERAPEUTIC AGENT

Published / Publiée : (c)

• COMPOSITION DE LIPOSOME POUR UNE MEILLEURE ADMINISTRATION INTRACELLULAIRE D'UN AGENT THERAPEUTIQUE

(71) ALZA CORPORATION [US/US]; 1900 Charleston Road, Building M10-3, P.O. Box 7210, Mountain View, CA 94030-7210 (US).

(72) ZALIPSKY, Samuel; 1202 Truman Street, Redwood City, CA 94061 (US). ALLEN, Theresa, M.; University of Alberta, Department of Pharmacology, 931 Medical Sciences Building, Edmonton, Alberta T6G 2H7 (CA). HUANG, Shi, Kun; 18798 Madison Avenue, Castro Valley, CA 94546 (US).

(74) SIMBOLI, Paul, B. et al. / etc.; ALZA Corporation, 1900 Charleston Road, M10-3, P.O. Box 7210, Mountain View, CA 94039 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 9/14

(11) WO 02/076429 (13) A1

(21) PCT/US02/04387

(22) 13 Feb/fév 2002 (13.02.2002)

(25) en (26) en

(30) 09/814,084 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PH-DEPENDENT SUSTAINED RELEASE, DRUG, DELIVERY COMPOSITION

• COMPOSITION D'APPORT DE MEDICAMENT A LIBERATION PROLONGEE DEPENDANT DU PH

(71) ISP INVESTMENTS INC. [US/US]; 300 Delaware Avenue, Wilmington, DE 19801 (US).

(72) MORONI, Antonio; 43 Burnham Road, Morris Plains, NJ 07950 (US). DREFKO, William; 43 Pavonia Avenue, Kearny, NJ 07032 (US).

(74) MAUE, Marilyn, J. et al. / etc.; International Specialty Products, 1361 Alps Road, 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 CH CY DE DK ES FI FR GB GR IE IT 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 9/14, 33/44, B05D 5/12, B32B 5/16, H01B 1/24

(11) WO 02/076430 (13) A1

(21) PCT/US02/09142

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/278,417 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CARBON NANOTUBES IN STRUCTURES AND REPAIR COMPOSITIONS

• NANOTUBES EN CARBONE DANS DES STRUCTURES ET COMPOSITIONS DE REPARATION

(71) EIKOS, INC. [US/US]; 2 Master Drive, Franklin, MA 02038 (US).

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

(72, 75) GLATKOWSKI, Paul, J. [US/US]; 4 Pincerest Road, Littleton, MA 01460 (US). LANDIS, David, H., Jr. [US/US]; 4 Kenmore Court, Barrington, RI 0280 (US).

PICHE, Joseph, W. [US/US]; 89 Richmond Street, Raynham, MA 02767 (US). CONROY, Jeffrey, L. [US/US]; 83 Wilson Avenue, Rumford, RI 02916 (US).

(74) REMENICK, James et al. / etc.; Heller Ehrman White & McAuliffe LLP, Suite 300, 101 Orchard Ridge Drive, Gaithersburg, MD 20787-1917 (US).

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

Published / Publiée : (c)

(51)⁷ A61K 9/14

(11) WO 02/076431 (13) A1

(21) PCT/US02/09952

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/279,363 27 Mar/mar 2001 US (27.03.2001)

(30) 09/971,074 3 Oct/oct 2001 US (03.10.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BIODEGRADABLE TRIBLOCK COPOLYMERS AS DRUG SOLUBILIZING AGENTS

• COPOLYMERES TRISEQUENCES BIODEGRADABLES EN TANT QU'AGENTS DE SOLUBILISATION DE MEDICAMENT

(71) MACROMED, INCORPORATED [US/US]; 9520 So. State Street, Sandy, UT 84070 (US).

(72) SHIH, Chung; 2798 Amberwick Lane, Sandy, UT 84093 (US). ZENTNER, Gaylen, M.; 6312 South Colleton Circle, Salt Lake City, UT 84121 (US). PIAO, Ai-Zhi; 330 East 700 South, Apt. L206, Salt Lake City, UT 84111 (US). FOWERS, Kirk, Dee; 559 South 900 East, Layton, UT 84041 (US).

(74) WESTERN, M., Wayne et al. / etc.; Thorpe North & Western, LLP, 8180 South 700 East, Suite 200, Sandy, UT 84070-0562 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 9/19, 47/28, 47/20, 47/32, 31/553

(11) WO 02/076432 (13) A2

(21) PCT/EP02/03387

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 101 14 869.0 26 Mar/mar 2001 DE (26.03.2001)

(30) 101 17 049.1 5 Apr/avr 2001 DE (05.04.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PHARMACEUTICAL COMPOSITIONS
• COMPOSITIONS PHARMACEUTIQUES

(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-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H. [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

(only for / seulement pour AT)

(72, 75) EBNER, Andreas [DE/DE]; Müsstattstrasse 23, 79618 Rheinfelden (DE). GALLI, Bruno [CH/CH]; Liestalerstrasse 28 D, CH-4411 Seltisberg (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 GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MX NO NZ OM PH PL PT RO RU SE SG SI SK TJ TM TN TR TT UA UZ VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ A61K 9/68, 9/28, 7/16, 7/28, 7/18, 7/20, 47/00, A61F 13/00, 9/02

(11) WO 02/076433 (13) A1

(21) PCT/US01/09754

- (22) 27 Mar/mar 2001 (27.03.2001)
(25) en (26) en
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DENTAL FORMULATION
• PREPARATION DENTAIRE
- (71) C.S. BIOSCIENCE, INC. [US/US]; 315 W. 57th Street, New York, NY 10019-3147 (US).
- (72) CURATOLA, Gerald, P.; 56 The Circle, East Hampton, NY 11937 (US). SHUCH, David, J.; 11 Route 206, Augusta, NJ 07822 (US).
- (74) ISLAM, Shahan; Rosenman & Colin, LLP, 575 Madison 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 31/00
(11) WO 02/076434 (13) A2
(21) PCT/CA02/00412
(22) 25 Mar/mar 2002 (25.03.2002)
(25) en (26) en
(30) 2,341,952 23 Mar/mar 2001 CA (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • NICOTINIC RECEPTOR AGONISTS FOR THE TREATMENT OF INFLAMMATORY DISEASES
• TRAITEMENT D'AFFECTIONS INFLAMMATOIRES AU MOYEN D'AGONISTES DES RÉCEPTEURS NICOTINIQUES
- (71) UNIVERSITE LAVAL [CA/CA]; Pavillon des sciences de l'éducation, Bureau 1430, Quebec, Quebec G1K 7P4 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CORMIER, Yvon [CA/CA]; 436 Chemin Lomer, Neuville, Quebec G0A 2R0 (CA). ISRAEL-ASSAYAG, Evelyne [CA/CA]; 655 Routier, Sainte-Foy, Quebec G1X 3J8 (CA). BLANCHET, Marie-Renée [CA/CA]; 1121 Des Lilas, St-Pierre, Ile d'Orléans, Quebec G0A 4E0 (CA).
- (74) DUBUC, J. et al. / etc.; Stock Exchange Tower, 800 Place Victoria, Suite 3400, Montreal, Quebec H4Z 1E9 (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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K 31/00
(11) WO 02/076436 (13) A2
(21) PCT/NL02/00197
(22) 27 Mar/mar 2002 (27.03.2002)
(25) nl (26) en
(30) 1017707 27 Mar/mar 2001 NL (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MODULAR SYSTEM OF DIETARY SUPPLEMENT COMPOSITIONS
• COMPOSITION DE COMPLEMENT ALIMENTAIRE
- (71, 72) MEIJER, Jaap [NL/NL]; Stikkelwaard 106, NL-1824 VM Alkmaar (NL).
- (74) HUYGENS, Arthur, Victor; Octrooibureau Huygens, P.O. Box 86, NL-3400 AB IJsselstein (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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 31/00
(11) WO 02/076437 (13) A2
(21) PCT/US02/08619
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 09/816,289 23 Mar/mar 2001 US (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHODS FOR TREATING NEURODEGENERATIVE DISEASES INCLUDING ALZHEIMER'S
• METHODES DE TRAITEMENT DE MALADIES NEURODEGENERATIVES, Y COMPRIS DE LA MALADIE D'ALZHEIMER
- (63) US 09/816,289 (CIP)
23 Mar/mar 2001 (23.03.2001)
- (71) PANACEA PHARMACEUTICALS, INC. [US/US]; 9700 Great Seneca Highway, Rockville, MD 20850 (US). THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPT. OF HEALTH AND HUMAN SERVICES [US/US]; National Institutes of Health, Suite 325, 6011 Executive Boulevard, Rockville, MD 20852 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MERRILL, Carl, R. [US/US]; 6840 Capri Place, Rockville, MD 20817 (US). GHANBARI, Hossein, A. [US/US]; 9460 Tobin Circle, Potomac, MD 20854 (US).
- (74) GORMLEY, Mary, E.; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR 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).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

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

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K 31/00
(11) WO 02/076438 (13) A2
(21) PCT/US02/08862
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 60/278,156 23 Mar/mar 2001 US (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • FLT-1 LIGANDS AND THEIR USES
• LIGANDS FLT-1 ET UTILISATIONS DE CEUX-CI
(71) CHUGAI SEIYAKU KABUSHIKI KAISHA [JP/JP]; 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP).
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- (74) HAKE, Richard; Chugai Biopharmaceuticals, Inc., 6275 Nancy Ridge 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 VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/076439 (13) A2
(21) PCT/US02/08896
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 60/278,218 23 Mar/mar 2001 US (23.03.2001)
(30) 60/300,023 21 Jun/juin 2001 US (21.06.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • COMPOUNDS CAPABLE OF MODULATING THE ACTIVITY OF MULTIDRUG TRANSPORTERS AND THERAPEUTIC USE OF THE SAME
• COMPOSES CAPABLES DE MODULER L'ACTIVITE DE TRANSPORTEURS DE MEDICAMENTS MULTIPLES ET LEUR UTILISATION THERAPEUTIQUE

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(74) NAPOLI, James, J.; Marshall, Gerstein & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES

FI FR GB GR IE IT 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 02/076440 (13) A2
(21) PCT/US02/09100
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 60/278,371 23 Mar/mar 2001 US (23.03.2001)
(30) 60/308,729 30 Jul/juil 2001 US (30.07.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHODS OF TREATING ALZHEIMER'S DISEASE
• METHODES DE 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)
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(74) SARUSSI, Steven, J.; McDonnell Boehnen Hulbert & Berghoff, Suite 3200, 300 South Wacker Drive, Chicago, IL 60606 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 31/03
(11) WO 02/076441 (13) A1
(21) PCT/US02/08936
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 09/812,884 21 Mar/mar 2001 US (21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • MICROEMULSIONS AS PRECURSORS TO SOLID NANOPARTICLES
• MICRO-EMULSIONS EN TANT QUE PRECURSEURS DE NANOPARTICULES SOLIDES
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(74) BARRETT, Michael, C.; Fulbright & Jaworski, L.L.P., 600 Congress Avenue, Suite 2400, Austin, TX 78701 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 31/07, 31/355, 9/08, 47/44, A61P 3/02, 27/02

(11) WO 02/076442 (13) A1

(21) PCT/JP02/02877

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ja (26) ja

(30) 2001-89908 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • STABLE AQUEOUS LIQUID PREPARATION
• PREPARATION LIQUIDE AQUEUSE STABLE

(71) SANTEN PHARMACEUTICAL CO., LTD. [JP/JP]; 9-19, Shimoshinjo 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-8651 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 31/155, 31/192, 31/197, 31/198, 31/606, A61P 39/00

(11) WO 02/076443 (13) A1

(21) PCT/US02/06692

(22) 5 Mar/mar 2002 (05.03.2002)

(25) en (26) en

(30) 09/800,976 8 Mar/mar 2001 US (08.03.2001)

(30) 09/825,925 5 Apr/avr 2001 US (05.04.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • USE OF BREAKERS OF ADVANCED GLYCATION ENDPRODUCTS FOR TREATING DELETERIOUS EFFECTS OF AGING AND DEBILITATING DISEASES

• NOUVEAUX AGENTS DE RUPTURE DE PRODUITS TERMINAUX DE GLYCATION AVANCEE

(71) CITY OF HOPE [US/US]; 1500 East Duarte Road, Duarte, CA 91010-0269 (US).

(72) RAHBAR, Samuel; 4254 Empress Avenue, Encino, CA 91436 (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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K 31/165, 31/36, A61P 23/00

(11) WO 02/076444 (13) A1

(21) PCT/US01/09425

(22) 22 Mar/mar 2001 (22.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MOLECULAR NEUROCHIRURGERIE FOR PAIN CONTROL ADMINISTERING LOCALLY CAPSAICIN OR RESINIFERATOXIN

• NEUROCHIRURGIE MOLECULAIRE PAR ADMINISTRATION LOCALE DE CAPSICINE OU DE RESINIFERATOXINE DESTINEE A MAITRISER LA DOULEUR

(71) THE GOVERNMENT OF THE UNITED STATES, as represented by THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; Office of Technology Transfer, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852-3804 (US).

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(74) LOCKYER, Jean, M. 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 A61K 31/198, A61P 25/00, 25/22, 1/00

(11) WO 02/076445 (13) A1

(21) PCT/JP02/02571

(22) 19 Mar/mar 2002 (19.03.2002)

(25) ja (26) ja

(30) 2001-85800 23 Mar/mar 2001 JP (23.03.2001)

(30) 2001-382190 14 Dec/déc 2001 JP (14.12.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AGENTS AGAINST STRESS-INDUCED DISEASES DRUGS

• AGENTS UTILISES POUR LUTTER CONTRE LES MALADIES PROVOQUEES PAR LE STRESS ET MEDICAMENTS ASSOCIES

(71) AJINOMOTO CO., INC. [JP/JP]; 15-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8315 (JP).

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(72, 75) SMRIGA, Miroslav [SK/JP]; c/o Central Research Laboratories, AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0801 (JP). UNEYAMA, Hisayuki [JP/JP]; c/o Central Research Laboratories, AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0801 (JP). TORII, Kunio [JP/JP]; c/o Central Research Laboratories, AJINOMOTO CO., INC., 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0801 (JP).

(74) ISHIDA, Yasumasa et al. / etc.; A. Kato & Associates, Bohsei Bldg., 7th Floor, 20-12, Shin-Yokohama 3-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 31/215, 47/02, 47/26, A61P 9/00

(11) WO 02/076446 (13) A1

(21) PCT/US02/00329

(22) 2 Jan/jan 2002 (02.01.2002)

(25) en (26) en

(30) 09/759,547 12 Jan/jan 2001 US (12.01.2001)

(30) 10/016,260 30 Oct/oct 2001 US (30.10.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ESMOLOL FORMULATION
• FORMULATION D'ESMOLOL

(71) BAXTER INTERNATIONAL INC. [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US).

(72) LIU, Jie; 95 Tussel Lane, Scotch Plains, NJ 07076 (US). PEJAVER, Satish, K.; 49 Huntley Way, Bridgewater, NJ 08807 (US). OWOO, George; 208 Harding Avenue, North Plainfield, NJ 07063 (US).

(74) JACONETTY, Kenneth, E. et al. / etc.; Baxter International Inc., One Baxter Parkway, Deerfield, IL 60015 (US).

(81) AU BR CA CN CO CZ HU IL JP KR MX PL RU SI SK TR ZA.

(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 A61K 31/33, A61P 19/02, 19/02, C07C 211/56, C07D 213/26, 295/12, 213/74, 401/10, 401/06, 211/48

(11) WO 02/076447 (13) A1

(21) PCT/EP02/03267

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 0107368.3 23 Mar/mar 2001 GB (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HALOGENATED AMINO BENZOPHENONES AND AMINO BENZOYL PYRIDINES AS INHIBITORS OF IL-1 AND TNF
• AMINO BENZOPHENONES ET AMINO BENZOYL PYRIDINES HALOGENEES EN TANT QU'INHIBITEURS DE L'IL-1 ET DU TNF

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).
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(72, 75) RÉVÉSZ, László [CH/CH]; Ob dem Fichtenrain 7, CH-4106 Therwil (CH).

(74) BECKER, Konrad; Novartis AG, Corporate Intellectual Property, Patent & Trademark Department, CH-4002 Basel (CH).

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

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ A61K 31/337, 31/352, 31/407, 31/56, 31/704, 38/02, 38/40, C07D 305/14, 311/82, C07H 15/252, C07J 9/00, C07K 1/113, 14/79

(11) WO 02/076448 (13) A1

(21) PCT/US02/09417

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,243 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MOLECULAR CONJUGATES FOR USE IN TREATMENT OF CANCER
• CONJUGUES MOLECULAIRES DESTINES A ETRE UTILISES DANS LE TRAITEMENT DU CANCER

(71) NAPRO BIOTHERAPEUTICS, INC. [US/US]; 6304 Spine Road, Unit A, Boulder, CO 80301 (US).

(72) McCHESNEY, James, D.; 1210 Gillaspie Drive, Boulder, CO 80303 (US). CHANDER, Madhavi, C.; 5342 Desert Mountain Court, Boulder, CO 80301 (US). SIAHAAN, Teruna, J.; 2912 Iris Lane, Lawrence, KS 66047 (US). XU, Christine, R.; 157 Technology Drive, Irvine, CA 92618 (US).

(74) MARTIN, Timothy, J. et al. / etc.; Timothy J. Martin, P.C., 9250 W. 5th Avenue, Suite 200, Lakewood, CO 80226 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K 31/385, 31/355, 31/34

(11) WO 02/076449 (13) A1

(21) PCT/US01/09380

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TREATMENT OF ROSACEA USING LIPOIC ACID
• TRAITEMENT DE L'ACNE ROSACEE PAR L'ACIDE LIPOIQUE

(71, 72) PERRICONE, Nicholas [US/US]; 27 Cuginchaug Court, Guilford, CT 06437 (US).

(74) MCNAMARA, Stephen, P.; St. Onge Steward Johnston & Reens LLC, 986 Bedford Street, Stamford, CT 06905-5619 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY 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 A61K 31/40, 31/426, 31/427, 31/4178, 31/4436, 31/4535, C07D 207/09, 207/16, 277/04, 277/06, 417/04, 417/12

(11) WO 02/076450 (13) A1

(21) PCT/US02/08931

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,931 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DIPEPTIDYL PEPTIDASE INHIBITORS FOR THE TREATMENT OR PREVENTION OF DIABETES
• INHIBITEURS DE PEPTIDASE DIPEPTIDYL DESTINES AU TRAITEMENT OU A LA PREVENTION DU DIABETE

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
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(72, 75) ASHTON, Wallace, T. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). CALDWELL, Charles, G. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). OK, Hyun [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). PARMEE, Emma, R. [GB/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). WEBER, Ann, E. [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 MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

- RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 31/4015, A61P 31/04, 31/12, 33/00, 31/16, 31/18, 35/00
- (11) WO 02/076451 (13) A1
- (21) PCT/EP02/03106
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) en (26) en
- (30) 01107140.4 22 Mar/mar 2001 EP (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • USE OF CERTAIN SUBSTITUTED PYRROLIDONES SUCH AS PIRACETAMIN THE TREATMENT OF VIRAL AND OTHER DISEASES
- UTILISATION DE CERTAINES PYRROLIDONES SUBSTITUEES TELLES QUE LA PIRACETAME DANS LE TRAITEMENT DE MALADIES VIRALES ET AUTRES AFFECTIONS
- (71) UCB, S.A. [BE/BE]; Allée de la Recherche 60, B-1070 Brussels (BE).
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- (72, 75) PEUVOT, Jacques [BE/BE]; Avenue du Bosquet 34, B-1470 Bousval (BE). BRASSEUR, Robert [BE/BE]; Voies des Gérons, 250, B-5351 Haillot (BE). DELEERS, Michel [BE/BE]; Square des Braves 12, B-1630 Linkebeek (BE). PONTES, Fausto, A. [PT/PT]; Centro Hospitalar de Coimbra, 3041-801 S. Martinho do bispo, Coimbra (PT). RUYSSCHAERT, Jean-Marie [BE/BE]; 7, avenue des Perce-Neige, B-1640 Rhode St. Genèse (BE).
- (74) NORRIS, Allen; UCB, S.A. - Intellectual Property Department, Allée de la Recherche 60, B-1070 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- UTILISATION DE MELATONINE POUR LA PRODUCTION D'UN MEDICAMENT DESTINE A TRAITER UN TROUBLE DEFICITAIRE DE L'ATTENTION AVEC HYPERACTIVITE
- (71) POOGER PROPERTIES LIMITED [GB/GB]; c/o Grant Thornton Stonehage Ltd., P.O. Box 639, St. Helier, Jersey JE1 4HH (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KRUISINGA, Roelof, Johannes, Hendrik [NL/NL]; Prins Frederiklaan 6, NL-2243 HW Wassenaar (NL).
- (74) HUYGENS, Arthur, Victor; Octrooibureau Huygens, P.O. Box 86, NL-3400 AB IJsselstein (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 CH CY DE DK ES FI FR GB GR IE IT 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 31/409, C07D 487/22
- (11) WO 02/076453 (13) A1
- (21) PCT/US02/09488
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (30) 60/279,233 27 Mar/mar 2001 US (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHODS AND COMPOSITIONS FOR PHOTO-CROSS LINKING PHOTOACTIVE COMPOUNDS TO TARGET TISSUE
- PROCEDES ET COMPOSITIONS POUR PHOTOS-RETICULATION DE COMPOSES PHOTOACTIFS SUR UN TISSU CIBLE
- (71) THE UNIVERSITY OF BRITISH COLUMBIA [CA/CA]; 2194 Health Sciences Mall, Vancouver, British Columbia V6T 1W5 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STERNBERG, Ethan, D. [US/CA]; c/o QLT Inc., 887 Great Northern Way, Vancouver, BC V5T 4T5 (CA). DESJARDINS, Angela, M. [CA/CA]; 1103 Lawson Road, London, ON N6G 2X9 (CA). DOLPHIN, David [CA/CA]; 4464 West 12th Avenue, Vancouver, British Columbia V6R 2R2 (CA).
- (74) LAU, Kawai, Ph., D. et al. / etc.; Morrison & Foerster LLP, Suite 500, 3811 Valley Center Drive, San Diego, CA 92130-2332 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 31/4172, A61P 25/02, 3/10, 9/12, A23L 1/305, 2/52, 2/38
- (11) WO 02/076455 (13) A1
- (21) PCT/JP02/02520
- (22) 15 Mar/mar 2002 (15.03.2002)
- (25) ja (26) ja
- (30) 2001-76738 16 Mar/mar 2001 JP (16.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • AUTONOMIC CONTROLLING AGENTS AND HEALTH DRINKS AND FOODS
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K 31/4164, 31/4184, A61P 35/00
- (11) WO 02/076454 (13) A1
- (21) PCT/AU02/00339
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) en (26) en
- (30) 60/278,435 26 Mar/mar 2001 US (26.03.2001)
- (30) 2,342,472 30 Mar/mar 2001 CA (30.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR TREATMENT OF CANCER AND COMPOSITIONS FOR USE THEREIN
- METHODE DE TRAITEMENT DE CANCERS ET COMPOSITIONS APPROPRIEES
- (71) UNISEARCH LIMITED [AU/AU]; Rupert Myers Building, Gate 14, Barker Street, University of New South Wales, Sydney, New South Wales 2052 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORRIS, David, Lawrence [AU/AU]; 960 Forest Road, Lugarno, New South Wales 2210 (AU). POURGHOLAMI, Mohammad, Hossein [AU/AU]; 16/276 Bunnerong Road, Hillsdale, New South Wales 2036 (AU).
- (74) BLAKE DAWSON WALDRON PATENT SERVICES; Level 39, 101 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 31/4045, A61P 25/00
- (11) WO 02/076452 (13) A1
- (21) PCT/EP02/03317
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 01201094.8 22 Mar/mar 2001 NL (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • USE OF MELATONIN IN THE MANUFACTURE OF A MEDICAMENT FOR TREATING ATTENTION DEFICIT HYPERACTIVE DISORDER

- AGENTS DE REGULATION AUTONOME ET POISSONS ET ALIMENTS DIETETIQUES
- (71) SUNTORY LIMITED [JP/JP]; 1-40, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8203 (JP). CEREBOS PACIFIC LIMITED [SG/SG]; 1 Kim Seng Promenade #11-01/06, Great World City, East Office Tower, 237994 Singapore (SG).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TSURUOKA, Nobuo [JP/JP]; 7-10-906, Funaki-cho, Ibaraki-shi, Osaka 567-0828 (JP). KISO, Yoshinobu [JP/JP]; 8-41, Shinchujyo-cho, Ibaraki-shi, Osaka 567-0872 (JP). NAGAI, Katsuya [JP/JP]; 21-22, Hanjyo 2-chome, Minoo-shi, Osaka 562-0044 (JP). MATSUMURA, Yasuo [JP/JP]; 66, Kitamitsubo, Shinjyo-cho, Kitakatsuragi-gun, Nara 639-2142 (JP). NIJIMA, Akira [JP/JP]; 31, Hamaura-cho 2-chome, Niigata-shi, Niigata 951-8151 (JP). MORITANI, Toshio [JP/JP]; 834 Godoshukusha, Taichoro, Momoyama-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8034 (JP).
- (74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomomori 37 Mori Bldg., 5-1, Toranomomori 3-chome, Minato-ku, Tokyo 105-8423 (JP).
- (81) AU CN JP SG US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ A61K 31/435, 31/12, 45/00, 45/06, A61P 1/04
- (11) WO 02/076456 (13) A1
- (21) PCT/NL02/00198
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (30) 01201138.3 27 Mar/mar 2001 EP (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR INHIBITING APOPTOSIS OF STEM CELLS
 - PROCEDE PERMETTANT D'INHIBER L'APOPTOSE DE CELLULES SOUCHES
- (71) NUTRICIA, N.V. [NL/NL]; Eerste Stationsstraat 186, NL-2712 HM Zoetermeer (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VAN'T LAND, Belinda [NL/NL]; Nijenbeek 15, NL-3772 ZE Barneveld (NL). M'RABET, Laura [NL/NL]; Gele plomp 38, NL-3824 WK Amersfoort (NL).
- (74) PRINS, A., W.; Verenigde, Nieuwe Parklaan 97, NL-2587 BN 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 CH CY DE DK ES FI FR GB GR IE IT 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 31/4468, 31/4545, 31/4523, C07D 211/58, 401/04, 401/14, A61P 11/00, 19/00, 35/00
- (11) WO 02/076457 (13) A1
- (21) PCT/SE02/00541
- (22) 19 Mar/mar 2002 (19.03.2002)
- (25) en (26) en
- (30) 0101038-8 23 Mar/mar 2001 SE (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • NOVEL AMIDES, PREPARATION AND THERAPEUTIC USE AS MODULATORS OF CCR-RECEPTOR ACTIVITY
 - NOUVEAUX AMIDES, PREPARATION ET UTILISATION THERAPEUTIQUE EN TANT QUE MODULATEURS DE L'ACTIVITE DU RECEPTEUR CCR
- (71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ERIKSSON, Tomas [SE/SE]; AstraZeneca R & D Lund, S-221 87 Lund (SE). LAWITZ, Karolina [SE/SE]; AstraZeneca R & D Lund, S-221 87 Lund (SE).
- (74) ASTRAZENECA AB et al. / etc.; Global Intellectual Property, 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
(u) for / pour US only / seulement

- (51)⁷ A61K 31/496, A61P 31/04 // C07D 401/04, C07M 7:00
- (11) WO 02/076458 (13) A1
- (21) PCT/JP02/02969
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) ja (26) ja
- (30) 2001-88988 27 Mar/mar 2001 JP (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ANTIMICROBIAL DRUG REDUCED IN EFFECT ON HEART

- MEDICAMENT ANTIMICROBIEN A EFFET REDUIT SUR LE COEUR
- (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) TAKAHASHI, Hisashi [JP/JP]; C/O DAIICHI PHARMACEUTICAL CO., LTD. R & D CENTER, 16-13, KITAKASAI 1-CHOME, EDOGAWA-KU, Tokyo 134-8630 (JP). HAGIWARA, Takehiro [JP/JP]; C/O DAIICHI PHARMACEUTICAL CO., LTD. R & D CENTER, 16-13, KITAKASAI 1-CHOME, EDOGAWA-KU, Tokyo 134-8630 (JP). HAYAKAWA, Isao [JP/JP]; C/O DAIICHI PHARMACEUTICAL CO., LTD. R & D CENTER, 16-13, KITAKASAI 1-CHOME, EDOGAWA-KU, Tokyo 134-8630 (JP).
- (74) THE PATENT CORPORATE BODY ARUGA PATENT OFFICE; KYODO BLDG., 3-6, NIHONBASHININGYOCHO 1-CHOME, CHUO-KU, Tokyo 103-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 31/505, 31/335, 31/175
- (11) WO 02/076459 (13) A1
- (21) PCT/US02/06262
- (22) 4 Mar/mar 2002 (04.03.2002)
- (25) en (26) en
- (30) 60/273,577 6 Mar/mar 2001 US (06.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND DOSAGE FORM FOR TREATING TUMORS BY THE ADMINISTRATION OF TEGAFUR, URACIL, FOLINIC ACID, PACLITAXEL AND CARBOPLATIN
 - PROCEDE ET FORME POSOLOGIQUE POUR LE TRAITEMENT DE TUMEURS PAR ADMINISTRATION DE TEGAFUR, D'URACILE, D'ACIDE FOLINIQUE, DE PACLITAXEL ET DE CARBOPLATINE
- (71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; Post Office Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AJANI, Jafferhusen, A. [US/US]; 4016 Southwestern Street, Houston, TX 77005-4341 (US). BENNER, Steven, E. [US/US]; 16 Independence Way, Titusville, NJ 08560 (US). DUGAN, Terry, S. [US/US]; 18 Mackenzie Lane, Plainsboro, NJ 08536 (US).

- (74) **GIBBONS, Maureen et al.** / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **A61K 31/52, A61P 27/06**
- (11) **WO 02/076460** (13) A2
(21) PCT/US02/05456
(22) **22 Feb/fév 2002 (22.02.2002)**
(25) en (26) en
(30) 60/277,548 **21 Mar/mar 2001 US (21.03.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • USE OF PROPENTOFYLLINE TO CONTROL INTRAOCULAR PRESSURE
• REDUCTION DE LA PRESSION INTRA-OCULAIRE AU MOYEN DE PROPENTOFYLLINE
- (71) **ALCON, INC.** [CH/CH]; P.O. Box 62, Bosch 60, CH-6331 Hunenberg (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PANG, Iok-Hou** [US/US]; 125 Starbridge Lane, Grand Prairie, TX 75052 (US).
HELLBERG, Mark, R. [US/US]; 2545 Glen Ridge Drive, Highland Village, TX 75077 (US).
CLARK, Abbot, F. [US/US]; 5603 Rachel Court, Arlington, TX 76017 (US).
HELLBERG, Peggy, E. [US/US]; 2545 Glen Ridge Drive, Highland Village, TX 75077 (US).
SHADE, Debra, L. [US/US]; 1413 Tobie Layne Street, Benbrook, TX 76126 (US).
- (74) **YEAGER, Sally, S. et al.** / etc.; R & D Counsel, Mail Code Q-148, 6201 South Freeway, Fort Worth, TX 76134 (US).
- (81) AU BR CA CN JP KR MX PH PL US ZA.
- (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 **A61K 31/535, A61P 25/00 // (A61K 31/535, 31:34)**
- (11) **WO 02/076461** (13) A1
(21) PCT/GB01/01336
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMBINATION OF REBOXETINE AND CITALOPRAM
• COMBINAISON DE REBOXETINE ET DE CITALOPRAM
- (71, 72) **DURSUN, Serdar, Murat** [GB/CA]; 506-5959 Spring Garden Road, Halifax, Nova Scotia B3H 1Y5 (CA).
DEVARAJAN, Sivakumaran [LK/CA]; 5655 Atlantic Street, Halifax, Nova Scotia B3H 1G5 (CA).
- (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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).
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- (51)⁷ **A61K 31/5375, A61P 5/50, 3/10, C07D 265/30**
- (11) **WO 02/076462** (13) A1
(21) PCT/JP02/02829
(22) **25 Mar/mar 2002 (25.03.2002)**
(25) ja (26) ja
(30) 2001-86599 **26 Mar/mar 2001 JP (26.03.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DRUGS FOR IMPROVING INSULIN RESISTANCE
• MEDICAMENTS PERMETTANT D'AMELIORER LA RESISTANCE A L'INSULINE
- (71) **DAINIPPON PHARMACEUTICAL CO., LTD.** [JP/JP]; 6-8, Dosho-machi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8524 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **INUI, Akio** [JP/JP]; 20-4, Minamiiochiai 1-chome, Suma-ku, Kobe-shi, Hyogo 654-0153 (JP).
UENO, Naohiko [JP/JP]; 673, Hosoe, Shikama-ku, Himeji-shi, Hyogo 672-8064 (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 KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 31/542, C07D 513/04**
- (11) **WO 02/076463** (13) A1
(21) PCT/US02/11258
(22) **22 Mar/mar 2002 (22.03.2002)**
(25) en (26) en
- (30) 60/278,146 **23 Mar/mar 2001 US (23.03.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMPOUNDS USEFUL AS KINASE INHIBITORS FOR THE TREATMENT OF HYPERPROLIFERATIVE DISEASES
• COMPOSES UTILES EN TANT QU'INHIBITEURS DE KINASE DESTINES AU TRAITEMENT DE MALADIES HYPERPROLIFERATIVES
- (71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; UW2220, 709 Swedeland Road, King of Prussia, PA 19406 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BONDINELL, William, E.** [US/US]; 1512 Franklin Lane, Wayne, PA 19087 (US).
HOLT, Dennis, A. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).
LAGO, Maria, Amparo [ES/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).
NEEB, Michael, J. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).
SEMONES, Marcus, A. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).
- (74) **VENETIANER, Stephen**; UW2220, 709 Swedeland Road, King Of Prussia, PA 10406 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **A61K 31/55, 31/44**
- (11) **WO 02/076464** (13) A1
(21) PCT/US02/09086
(22) **22 Mar/mar 2002 (22.03.2002)**
(25) en (26) en
(30) 60/278,516 **22 Mar/mar 2001 US (22.03.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ANTI-PSYCHOSIS COMBINATION
• COMBINAISON ANTI-PSYCHOSE
- (71) **ARENA PHARMACEUTICALS, INC.** [US/US]; 6166 Nancy Ridge Drive, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BEHAN, Dominic, P.** [GB/US]; 11472 Roxboro Court, San Diego, CA 92131 (US).
CHALMERS, Derek, T. [GB/US]; 347 Longden Lane, Solana Beach, CA 92075 (US).
MENZAGHI, Frederique [FR/US]; 5519 Honors Drive, San Diego, CA 92122 (US).
- (74) **STRAHER, Michael, P. 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 CH CY DE DK ES FI FR GB GR IE 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)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 31/565, 31/215, A61P 3/10, 3/06, 3/08

(11) WO 02/076465 (13) A1

(21) PCT/ES02/00151

(22) 25 Mar/mar 2002 (25.03.2002)

(25) es (26) es

(30) P 200100785 28 Mar/mar 2001 ES (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • OESTROGEN AND FATTY ACID MONOESTER AS A HYPOLIPIDAEMIC AND ANTIDIABETIC AGENT

• MONOESTER D'ACIDE GRAS ET D'OESTROGENE UTILISE COMME AGENT ANTIDIABETIQUE ET HYPOLIPEMIANT

(71) OLEOYL-ESTRONE DEVELOPMENTS, S.L. [ES/ES]; 1-5, calle Samitier, E-08028 Barcelona (ES).

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(72, 75) ALEMANY LAMANA, Mariano [ES/ES]; 10 bis, calle Jericó, E-08035 Barcelona (ES). REMESAR BETLLOCH, Francisco Javier [ES/ES]; 72, calle Pompeu Fabra, E-08190 Sant Cugat del Valles (ES). FERNANDEZ LOPEZ, José Antonio [ES/ES]; 13, calle Física, E-08004 Barcelona (ES).

(74) SUGRAÑES MOLINE, Pedro; 304, calle Provenza, E-08008 Barcelona (ES).

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

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

Declarations / Déclarations :

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

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

(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 VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 designation / pour la désignation suivante : US

(51)⁷ A61K 31/70, A01N 43/04, C07K 14/00, C12Q 1/68

(11) WO 02/076466 (13) A1

(21) PCT/US02/08133

(22) 15 Mar/mar 2002 (15.03.2002)

(25) en (26) en

(30) 09/810,385 16 Mar/mar 2001 US (16.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOSITIONS AND METHODS FOR NEGATIVE REGULATION OF TGF-BETA PATHWAYS

• COMPOSITIONS ET PROCEDES POUR LA REGULATION NEGATIVE DES VOIES DE FACTEUR DE CROISSANCE TRANSFORMANT BETA

(71) WISCONSIN ALUMNI RESEARCH FOUNDATION [US/US]; 614 Walnut Street, Madison, WI 53705 (US).

(72) LAUGHON, Allen, S.; 717 Ottawa Trail, Madison, WI 53711 (US).

(74) LICATA, Jane, Massey et al. / etc.; Licata & Tyrrell P.C., 66 E. Main Street, Marlton, NJ 08053 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K 31/70, 38/00, C12Q 1/68, G01N 33/53, C12P 19/34, C12N 5/00, 15/63, C07H 21/04

(11) WO 02/076467 (13) A1

(21) PCT/US02/08846

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/277,820 22 Mar/mar 2001 US (22.03.2001)

(30) 60/278,484 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOSITIONS AND METHODS TO REGULATE BONE AND MINERAL METABOLISM

• COMPOSITIONS ET PROCEDES DE REGULATION DU METABOLISME OSSEUX ET MINERAL

(71) GENZYME CORPORATION [US/US]; One Kendall Square, Cambridge, MA 02139 (US).

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

(72, 75) SCHIAVI, Susan [US/US]; 48 Wedgewood Drive, Hopkinton, MA 01748 (US).

(74) KONSKI, Antoinette, F. et al. / etc.; McCutchen, Doyle Brown & Enersen, LLP, Suite 1800, Three Embarcadero Center, 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 CH CY DE DK ES FI FR GB GR IE 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 A61K 31/70, 39/193

(11) WO 02/076468 (13) A1

(21) PCT/US02/09432

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/279,051 27 Mar/mar 2001 US (27.03.2001)

(30) 60/311,373 10 Aug/août 2001 US (10.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TUMOR THERAPY WITH ALPHAVIRUS-BASED AND HIGH AFFINITY LAMININ RECEPTOR-TARGETED VECTORS

• TRAITEMENT DE TUMEURS AU MOYEN DE VECTEURS BASES SUR L'ALPHAVIRUS ET CIBLES SUR DES RECEPTEURS A HAUTE AFFINITE DE LA LAMININE

(71) NEW YORK UNIVERSITY [US/US]; 70 Washington Square South, New York, NY 10012 (US).

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(72, 75) MERUELO, Daniel [US/US]; 9 Country Club Lane, Scarborough, NY 10510 (US).

(74) FEHLNER, Paul, F. et al. / etc.; Darby & Darby, P.C., 805 Third Avenue, New York, NY 10022-7513 (US).

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

DM EC EE ES FI GB GD GE HR HU ID IL
IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ
NO NZ OM 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).

Published / Publiée : (c)

(51)⁷ A61K 31/70

(11) WO 02/076469 (13) A1

(21) PCT/US02/09516

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/278,942 27 Mar/mar 2001 US
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A NOVEL TECHNOLOGY OF IN-
TRACELLULAR DELIVERY OF DNA
OLIGONUCLEOTIDES TO IMPROVE
DRUG ACTIVITY

- NOUVELLE TECHNOLOGIE D'AP-
PORT INTRACELLULAIRE D'OLI-
GONUCLEOTIDES D'ADN POUR
AMELIORER L'ACTIVITE DES MEDI-
CAMENTS

(71) BAYLOR COLLEGE OF MEDICINE
[US/US]; Associate General Counsel, One
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77030 (US).

(72) JING, Naijie; Baylor College of Medicine,
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Houston, TX 77030 (US). GUAN, Yongli;
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Plaza - Medicine, Houston, TX 77030 (US).

(74) ACOSTA, Melissa, W. et al. / etc.; Ful-
bright & Jaworski L.L.P., 1301 McKinney,
Suite 5100, Houston, TX 77010-3095 (US).

(81) AU CA JP.

(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 A61K 31/7008, 31/07, 31/203, 31/00,
31/40, 31/42, A61P 17/16

(11) WO 02/076470 (13) A1

(21) PCT/JP02/02271

(22) 11 Mar/mar 2002 (11.03.2002)

(25) ja (26) ja

(30) 2001-89314 27 Mar/mar 2001 JP
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • EXTERNAL SKIN COMPOSITIONS

- COMPOSITIONS EXTERNES POUR
LA PEAU

(71) KANEBO, LIMITED [JP/JP]; 17-4, Sumi-
da 5-chome, Sumida-ku, Tokyo 131-0031
(JP).

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

(72, 75) SAYO, Tetsuya [JP/JP]; 220-1-405,
Iizumi, Odawara-shi, Kanagawa 250-0863
(JP). SAKAI, Shingo [JP/JP]; 1082-1, Kuno,
Odawara-shi, Kanagawa 250-0055 (JP).
INOUE, Shintaro [JP/JP]; 2235-5, Sobi,
Odawara-shi, Kanagawa 250-0851 (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 31/702, 39/02, A61P 37/04, 1/00
// (A61K 31/702, 31:702) (A61K 39/02,
31:702)

(11) WO 02/076471 (13) A1

(21) PCT/EP02/02905

(22) 15 Mar/mar 2002 (15.03.2002)

(25) en (26) en

(30) 01201091.4 22 Mar/mar 2001 EP
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOSITION COMPRISING A PRE-
BIOTIC FOR DECREASING INFLAM-
MATORY PROCESS AND ABNORMAL
ACTIVATION OF NON-SPECIFIC IM-
MUNE PARAMETERS

- COMPOSITION COMPRENANT UN
PRÉBIOTIQUE AFIN DE FAIRE DÉ-
CROÎTRE UN PROCESSUS INFLAM-
MATOIRE ET L'ACTIVITÉ ANOR-
MALE DE PARAMÈTRES D'IMMU-
NITÉ NON SPÉCIFIQUES

(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) ROCHAT, Florence [CH/CH]; Quartier
des Tilleuls 6, CH-1820 Montreux (CH).
SCHIFFRIN, Eduardo [AR/CH]; Chemin
de Riant-Mont 17, CH-1023 Crissier (CH).
GUIGOZ, Yves [CH/CH]; Chemin du
Raidillon 3, CH-1066 Epalinges (CH).

(74) CHAUTARD, Cécile; Société des Produits
Nestlé S.A., P.O. Box 353, CH-1800 Vevey
(CH).

(81) AU BR CA CN CO CR CZ DM EC HU ID
IL IN JP KR LK MA MX NO NZ PH PL SG
US VN ZA.

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

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AU BR CA CN CO CR
CZ DM EC HU ID IL IN JP KR LK MA MX NO
NZ PH PL SG VN ZA AP (GH GM KE LS MW
MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG
KZ MD RU TJ TM) EP (AT BE CH CY DE DK
ES FI FR GB GR IE 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 : AU BR CA CN CO CR
CZ DM EC HU ID IL IN JP KR LK MA MX NO
NZ PH PL SG VN ZA AP (GH GM KE LS MW
MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY
KG KZ MD RU TJ TM) EP (AT BE CH CY DE

DK ES FI FR GB GR IE 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 A61K 31/704, 31/7064, A61P 35/02

(11) WO 02/076472 (13) A2

(21) PCT/CA02/00426

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/277,975 23 Mar/mar 2001 US
(23.03.2001)

(30) 60/330,601 25 Oct/oct 2001 US
(25.10.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PHARMACEUTICAL COMBINATIONS
FOR THE TREATMENT OF CANCER

- COMBINAISONS PHARMACEU-
TIQUES DESTINEES AU TRAITE-
MENT DU CANCER

(71) SHIRE BIOCHEM INC. [CA/CA]; 275
Armand Frappier Boulevard, Laval, Quebec
H7V 4A7 (CA).

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(72, 75) GILES, Francis, J. [US/US]; Depart-
ment of Leukemia, Box 61, University of
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1515 Holcombe Boulevard, Houston, TX
77030 (US). JOLIVET, Jacques [CA/CA];
2235 Maskinonge, Laval, Quebec H7E 4A9
(CA).

(74) VAN ZANT, Joan, M. et al. / etc.; Ogilvy
Renault, Suite 1600, 1981 McGill College
Avenue, Montréal, Québec H3A 2Y3 (CA).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 31/7048

(11) WO 02/076473 (13) A1

(21) PCT/CN02/00198

(22) 26 Mar/mar 2002 (26.03.2002)

(25) zh (26) zh

(30) 60/278,841 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • QUERCETIN DERIVATIVE AND ITS
MEDICINAL USE

- DERIVE DE QUERCETINE ET SON
UTILISATION MEDICINALE

(71) **ACADEMY OF MILITARY MEDICAL SCIENCES INSTITUTE OF PHARMACOLOGY AND TOXICOLOGY** [CN/CN]; 27 Tai-Ping Road, Haidian District, Beijing 100850 (CN).

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

(72, 75) **ZHAO, Yimin** [CN/CN]; 27 Tai-Ping Road, Haidian District, Beijing 100850 (CN). **YANG, Ming** [CN/CN]; 27 Tai-Ping Road, Haidian District, Beijing 100850 (CN). **LI, Yunfeng** [CN/CN]; 27 Tai-Ping Road, Haidian District, Beijing 100850 (CN). **LUAN, Xinhui** [CN/CN]; 27 Tai-Ping Road, Haidian District, Beijing 100850 (CN). **LUO, Zhipu** [CN/CN]; 27 Tai-Ping Road, Haidian District, Beijing 100850 (CN).

(74) **ZHONGZI LAW OFFICE**; 3rd Floor, Tower C, Jiancai Building, 11a, Sanlihe Road, Haidian District, 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 CH CY DE DK ES FI FR GB GR IE IT 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 31/715, C07H 1/08, 13/00

(11) WO 02/076474 (13) A1

(21) PCT/US02/09524

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 09/818,596 27 Mar/mar 2001 US (27.03.2001)

(30) 60/317,092 4 Sep/sep 2001 US (04.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CO-ADMINISTRATION OF A POLYSACCHARIDE WITH A CHEMOTHERAPEUTIC AGENT FOR THE TREATMENT OF CANCER

• CO-ADMINISTRATION D'UN POLYSACCHARIDE AVEC UN AGENT CHIMIOThERAPEUTIQUE PERMETTANT LE TRAITEMENT DU CANCER

(71) **PRO-PHARMACEUTICALS, INC.** [US/US]; 189 Wells Avenue, Newton, MA 02459 (US).

(72) **KLYOSOV, Anatole**; 36 Walsh Road, Newton, MA 02459 (US). **PLATT, David**; 12 Appleton Circle, Newton, MA 02459 (US).

(74) **MURPHY, Timothy, M. et al.** / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110-1618 (US).

(81) JP.

(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 A61K 31/726, 31/727, 31/715, 35/00, A61P 7/02

(11) WO 02/076475 (13) A2

(21) PCT/GB02/01397

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 0107385.7 23 Mar/mar 2001 GB (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ANTICOAGULANT
• ANTICOAGULANT

(63) US 60/278,418 (CIP) 26 Mar/mar 2001 (26.03.2001)

(71) **BIOPARKEN AS** [NO/NO]; Fredrik A. Dahls vei 20, N-1432 ÅS (NO).

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

(71) **COCKBAIN, Julian** [GB/GB]; 42 Southmoor Road, Oxford OX2 6RD (GB).
(only for / seulement pour GB)

(72, 75) **SKJERVOLD, Per, Olav** [NO/NO]; Bioparken AS, Ferderik A Dahls vei 20, N-1432 Ås (NO). **ØDEGAARD, Ole, Rasmus** [NO/NO]; Bioparken AS, Ferderik A Dahls vei 20, N-1432 Ås (NO). **BROSSTAD, Frank** [NO/NO]; Bioparken AS, Ferderik A Dahls vei 20, N-1432 Ås (NO). **FLENGSRUD, Ragnar** [NO/NO]; Bioparken AS, Ferderik A Dahls vei 20, N-1432 Ås (NO).

(74) **COCKBAIN, Julian**; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 31/74

(11) WO 02/076476 (13) A2

(21) PCT/US02/08664

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/278,298 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PRODRUGS OF ANTICANCER AGENTS EMPLOYING SUBSTITUTED AROMATIC ACIDS

• PROMEDICAMENTS D'AGENTS ANTICANCEREUX A BASE D'ACIDES AROMATIQUES SUBSTITUES

(71) **ENZON, INC.** [US/US]; 20 Kingsbridge Road, Piscataway, NJ 08854 (US).

(72) **GREENWALD, Richard, B.**; 113 Hickory Road, Somers, NJ 08873 (US). **CHOE, Yun, H.**; 9 Greenbrier Road, Green Book, NJ 08812 (US).

(74) **MERCANTI, Michael, N.**; Roberts & Mercanti, L.L.P., P.O. Box 3156, 105 Lock Street, Suite 203, Newark, NJ 07103-0156 (US).

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

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

(51)⁷ A61K 35/64, 39/35, G01N 33/53

(11) WO 02/076477 (13) A1

(21) PCT/KR02/00534

(22) 27 Mar/mar 2002 (27.03.2002)

(25) ko (26) en

(30) 2001/15868 27 Mar/mar 2001 KR (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SKIN-TEST REAGENTS AND SERUM SPECIFIC IGE, IGG SUBTYPES DETECTION KITS, COMPRISING CRUDE EXTRACTS OF SPIDER MITES SUCH AS CITRUS RED MITE, TWO-SPOTTED SPIDER MITE AND EUROPEAN RED MITE

• REACTIFS POUR TESTS CUTANES ET KITS DE DETECTION DES SOUS-TYPES IGE ET IGG SPECIFIQUES DU SERUM, COMPRENANT DES EXTRAITS CRUS DE TETRANYQUES TELS QUE LE TETRANYQUE ROUGE DE L'ORANGER, LE TETRANYQUE TISSERAND ET LE TETRANYQUE ROUGE DU POMMIER

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(74) **LEE, Kuuy Dong**; Hannuri Bldg., 219 Naeja-dong, Chongno-gu, Seoul 110-053 (KR).

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

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

Published / Publiée : (c)

(51)⁷ A61K 35/78

(11) WO 02/076478 (13) A1

(21) PCT/IN01/00053

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BIOACTIVITY OF METHYL PALMITATE OBTAINED FROM A MANGROVE PLANT SALVADORA PERSICATA L

• BIOACTIVITE DU PALMITATE DE METHYLE OBTENU A PARTIR DE LA MANGROVE SALVADORA PERSICATA L

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 A61K 35/78

(11) WO 02/076479 (13) A1

(21) PCT/KR01/01740

(22) 16 Oct/oct 2001 (16.10.2001)

(25) ko (26) en

(30) 2001/15946 27 Mar/mar 2001 KR (27.03.2001)

(30) 2001/18830 10 Apr/avr 2001 KR (10.04.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOSITION FOR TREATING ACNE VULGARIS AND FABRICATION METHOD

• COMPOSITION DESTINEE AU TRAITEMENT DE L'ACNE SIMPLE ET SON PROCEDE DE FABRICATION

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(72, 75) AHN, Il-Ho [KR/KR]; Room 510, Woosung-Livingtel, 467-10, Dogok-dong, Kangnam-gu, Seoul 135-270 (KR). KIM, Jong-In [KR/KR]; Room Nadong-822, Woosung Apt., Bongchun6-dong, Kwanak-gu, Seoul 151-775 (KR). HONG, Soonsun [KR/KR]; Room 302, Samsung-villa, 931-20, Bongchunbon-dong, Kwanak-gu, Seoul 151-069 (KR). SUNG, Jong-Hyuk [KR/KR]; 572, Sang-dong, Chongup-city 580-800, Chonrabuk-do (KR).

(74) LEE, Jun-seo; 10th Floor, Korea Coal Center, 80-6, Susong-Dong, Chongro-Ku, Seoul 110-727 (KR).

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

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

(51)⁷ A61K 35/78, A61P 25/06, 11/06

(11) WO 02/076480 (13) A1

(21) PCT/MX01/00019

(22) 28 Mar/mar 2001 (28.03.2001)

(25) es (26) es

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CANNABIS SATIVA EXTRACT FOR THE TREATMENT OF MIGRAINE

• EXTRAIT DE CANNABIS SATIVA DESTINE AU TRAITEMENT DE LA MIGRAINE

(71, 72) MEDINA GALLO, Floripes [MX/MX]; Cuitlahuac #268, Colonia Ciudad del Sol, Zapopan, Jalisco 45050 (MX). TAMAYO MORA, Jaime [MX/MX]; Cuitlahuac #268, Colonia Ciudad del Sol, Zapopan, Jalisco 45050 (MX).

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

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

(51)⁷ A61K 35/78

(11) WO 02/076481 (13) A1

(21) PCT/US02/02189

(22) 23 Jan/jan 2002 (23.01.2002)

(25) en (26) en

(30) 09/681,362 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOSITION AND METHOD OF USE IN TREATING SEXUAL DYSFUNCTION USING CGMP-SPECIFIC PHOSPHODIESTERASE TYPE 5 INHIBITORS

• COMPOSITION ET PROCEDE S'UTILISANT DANS LE TRAITEMENT DE DYSFONCTIONNEMENTS SEXUELS AU MOYEN D'INHIBITEURS DE PHOSPHODIESTERASE DE TYPE 5 SPECIFIQUES DE GMP CYCLIQUE

(71, 72) NIAZI, Sarfaraz, K. [US/US]; 20 Riverside Drive, Deerfield, IL 60015 (US).

(74) SHEKLETON, Gerald, T.; Welsh & Katz, Ltd., 22nd Floor, 120 South Riverside Plaza, Chicago, IL 60606 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61K 38/00

(11) WO 02/076482 (13) A2

(21) PCT/EP02/03382

(22) 26 Mar/mar 2002 (26.03.2002)

(25) de (26) de

(30) 101 15 073.3 27 Mar/mar 2001 DE (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • USE OF IKK- β INHIBITORS AND METHOD FOR DISCOVERY OF SAID INHIBITORS

• UTILISATION D'INHIBITEURS D'IKK- β ET PROCEDE DE RECHERCHE DESDITS INHIBITEURS

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(74) HARTZ, Nikolai, F.; Wächtershäuser & Hartz, Tal 29, 80331 München (DE).

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

RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 38/00

(11) WO 02/076483 (13) A2

(21) PCT/EP02/03464

(22) 27 Mar/mar 2002 (27.03.2002)

(25) de (26) de

(30) 101 15 310.4 28 Mar/mar 2001 DE
(28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 38/00

(11) WO 02/076484 (13) A2

(21) PCT/EP02/04083

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/277,948 23 Mar/mar 2001 US
(23.03.2001)

(30) 60/302,692 5 Jul/juil 2001 US
(05.07.2001)

(30) 60/334,916 4 Dec/déc 2001 US
(04.12.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMBINATION OF A TAXANE AND A
CYCLIN-DEPENDENT KINASE
• ASSOCIATION D'UN TAXANE ET
D'UNE KINASE DEPENDANTE DES
CYCLINES

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

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

(51)⁷ A61K 38/00

(11) WO 02/076485 (13) A2

(21) PCT/IB02/02188

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/278,698 27 Mar/mar 2001 US
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • VACCINE FOR MODULATING BE-
TWEEN T1 AND T2 IMMUNE RE-
SPONSES

• VACCIN ASSURANT LA MODULA-
TION ENTRE DES REPOSES IMMU-
NITAIRES T1 ET T2

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 38/00

(11) WO 02/076486 (13) A2

(21) PCT/IB02/02425

(22) 4 Feb/fév 2002 (04.02.2002)

(25) en (26) en

(30) 60/266,505 5 Feb/fév 2001 US
(05.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HISTIDINE-RICH GLYCOPROTEIN
• GLYCOPROTEINE RICHE EN HISTI-
DINE

(63) US 60/266,505 (CIP)
5 Feb/fév 2001 (05.02.2001)

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DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG 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 A61K 38/00

(11) WO 02/076487 (13) A1

(21) PCT/KR02/00418

(22) 11 Mar/mar 2002 (11.03.2002)

(25) ko (26) en

(30) 2001/14706 21 Mar/mar 2001 KR
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ANTICANCER AGENTS CONTAINING
ANTIGENOTOXIC AND IMMUNOS-
TIMULATIVE PEPTIDES PRODUCED
FROM THE HYDROLYSATE OF SILK-
WORM COCOON

• AGENTS ANTICANCEREUX CONTE-
NANT DES PEPTIDES ANTIGENO-
TOXIQUES ET IMMUNOSTIMU-
LANTS PRODUITS A PARTIR D'HY-
DROLYSATE DE COCON DE VERS A
SOIE

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- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 38/00, C07K 1/00**
- (11) **WO 02/076488** (13) A1
- (21) PCT/US02/08276
- (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) 3 Oct/oct 2002 (03.10.2002)
- (54) • **HUMAN SECRETED PROTEINS**
• **PROTEINES HUMAINES SECRETEES**
- (71) **HUMAN GENOME SCIENCES, INC.** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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).
- Published / Publiée : (c), (q2)
-
- (51)⁷ **A61K 38/02, 38/04, 38/14, 38/38, 38/55, C07K 1/00, C12N 15/00**
- (11) **WO 02/076489** (13) A1
- (21) PCT/US02/07271
- (22) **8 Mar/mar 2002 (08.03.2002)**
- (25) en (26) en
- (30) 60/331,352 **9 Mar/mar 2001 US (09.03.2001)**
- (30) 60/292,975 **23 May/mai 2001 US (23.05.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **SERUM ALBUMIN BINDING MOIETIES**
• **GROUPES DE LIAISON D'ALBUMINE SERIQUE**
- (71) **DYAX CORP.** [US/US]; 8th Floor, 300 Technology Square, Cambridge, MA 02139 (US).
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- (74) **YANKWICH, Leon, R.** et al. / etc.; Yankwich & Associates, 130 Bishop Allen Drive, 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(s) for all designations / pour toutes les désignations
-
- (51)⁷ **A61K 38/06, 38/08, C07K 5/023, 5/037**
- (11) **WO 02/076490** (13) A1
- (21) PCT/US02/03670
- (22) **7 Feb/fév 2002 (07.02.2002)**
- (25) en (26) en
- (30) 01103535/14 **8 Feb/fév 2001 RU (08.02.2001)**
- (30) 09/887,537 **22 Jun/juin 2001 US (22.06.2001)**
- (30) 09/903,443 **11 Jul/juil 2001 US (11.07.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **COMPOUNDS COMPRISING DISULFIDE-CONTAINING PEPTIDES AND NITROGENOUS BASES, AND MEDICAL USES THEREOF**
• **COMPOSES COMPRENANT DES PEPTIDES CONTENANT DU BISULFURE ET DES BASES AZOTEES ET UTILISATION MEDICALE DE CEUX-CI**
- (71) **NOVELOS THERAPEUTICS, INC.** [US/US]; 255 Washington Street, Suite 150, Newton, MA 02458 (US).
- (72) **KOZHEMYAKIN, Leonid, A.**; Pulkovsky Street, 13, Building #2, Apt. 5, St. Petersburg, 196240 (RU). **KOZHEMYAKIN, Andrew, L.**; Tikhoretsky Prospect, 7, Building #2, Apt. 30, St. Petersburg, 193246 (RU).
- (74) **OYER, Timothy, J.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM 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).
- Published / Publiée : (c)
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- (51)⁷ **A61K 38/17, A61P 25/00, 25/28, 25/08**
- (11) **WO 02/076492** (13) A1
- (21) PCT/JP01/07525
- (22) **31 Aug/août 2001 (31.08.2001)**
- (25) ja (26) ja
- (30) 2001-84050 **23 Mar/mar 2001 JP (23.03.2001)**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **A61K 38/08, 51/00**
- (11) **WO 02/076491** (13) A1
- (21) PCT/FI02/00252
- (22) **26 Mar/mar 2002 (26.03.2002)**
- (25) en (26) en
- (30) 20010620 **26 Mar/mar 2001 FI (26.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **LIPOSOME TARGETING OF MATRIX METALLOPROTEINASE INHIBITORS**
• **CIBLAGE DE LIPOSOMES AU MOYEN D'INHIBITEURS DE METALLOPROTEINASES MATRICIELLES**
- (71) **LICENTIA LTD** [FI/FI]; Erottajankatu 19 B 5, FIN-00130 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PENATE MEDINA, Oula** [FI/FI]; Sturenkatu 13 A 31, FIN-00510 Helsinki (FI). **KOIVUNEN, Erkki** [FI/FI]; Lokkisaarentie 5 C 319, FIN-00980 Helsinki (FI). **KINNUNEN, Paavo** [FI/FI]; Punarinnantie 4, FIN-02660 Espoo (FI).
- (74) **OY JALO ANTI-WUORINEN AB**; Iso Roobertinkatu 4-6 A, FIN-00120 Helsinki (FI).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **A61K 38/17, A61P 25/00, 25/28, 25/08**
- (11) **WO 02/076492** (13) A1
- (21) PCT/JP01/07525
- (22) **31 Aug/août 2001 (31.08.2001)**
- (25) ja (26) ja
- (30) 2001-84050 **23 Mar/mar 2001 JP (23.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NOVEL AGENTS FOR AMELIORATING MOTOR DISORDER
• NOUVEAUX AGENTS POUR SOIGNER LES TROUBLES MOTEUR

(71) JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE [JP/JP]; 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP).

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

(72, 75) HIRASHIMA, Masaki [JP/JP]; c/o JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE, 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP). SASAKI, Takumi [JP/JP]; c/o JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE, 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP). NARUSE, Takeshi [JP/JP]; c/o JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE, 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP). MAEDA, Hiroaki [JP/JP]; c/o JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE, 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP). NOZAKI, Chikateru [JP/JP]; c/o JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE, 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (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) AU 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 A61K 38/17, 38/00, A61P 29/00, 29/00, 37/08, 25/00

(11) WO 02/076493 (13) A1

(21) PCT/JP02/02645

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ja (26) ja

(30) 2001-84049 23 Mar/mar 2001 JP (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NOVEL DRUGS FOR PREVENTING/TREATING IMMUNOPATHIC DISEASES

• NOUVEAUX MEDICAMENTS POUR LA PREVENTION/LE TRAITEMENT DE MALADIES IMMUNOPATHIQUES

(71) JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE [JP/JP]; 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP).

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(72, 75) HIRASHIMA, Masaki [JP/JP]; c/o JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE KIKUCHI RESEARCH CENTER, 1314-1, Yonnonishioki,

Kawabe, Kyokushimura, Kikuchi-gun, Kumamoto 869-1298 (JP). SASAKI, Takumi [JP/JP]; c/o JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE KIKUCHI RESEARCH CENTER, 1314-1, Yonnonishioki, Kawabe, Kyokushimura, Kikuchi-gun, Kumamoto 869-1298 (JP). NARUSE, Takeshi [JP/JP]; c/o JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE KIKUCHI RESEARCH CENTER, 1314-1, Yonnonishioki, Kawabe, Kyokushimura, Kikuchi-gun, Kumamoto 869-1298 (JP). MAEDA, Hiroaki [JP/JP]; c/o JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE KIKUCHI RESEARCH CENTER, 1314-1, Yonnonishioki, Kawabe, Kyokushimura, Kikuchi-gun, Kumamoto 869-1298 (JP). NOZAKI, Chikateru [JP/JP]; c/o JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE KIKUCHI RESEARCH CENTER, 1314-1, Yonnonishioki, Kawabe, Kyokushimura, Kikuchi-gun, Kumamoto 869-1298 (JP).

(74) AOYAMA, Tamotsu et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AU 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 A61K 38/19, A61P 17/00, 17/14

(11) WO 02/076494 (13) A2

(21) PCT/EP02/03265

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 01107265.9 23 Mar/mar 2001 EP (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • USE OF CYTOKINES OF THE TGF- β SUPERFAMILY FOR THE TREATMENT AND DIAGNOSIS OF SKIN RELATED DISORDERS

• UTILISATION DE CYTOKINES DE LA SUPERFAMILLE TGF- β POUR LE TRAITEMENT ET LE DIAGNOSTIC DE TROUBLES DE LA PEAU

(71) BIOPHARM GESELLSCHAFT ZUR BIOTECHNOLOGISCHEN ENTWICKLUNG VON PHARMAKA MBH [DE/DE]; Czernyring 22, 69115 Heidelberg (DE).

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(72, 75) PAULISTA, Michael [DE/DE]; Wingertstrasse 10, 69181 Leimen (DE). POHL, Jens [DE/DE]; Bastwaldstrasse 25, 76707 Hambrücken (DE).

(74) WEICKMANN & WEICKMANN et al. / etc.; Postfach 860 820, 81635 München (DE).

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

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

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K 38/28, 47/00

(11) WO 02/076495 (13) A1

(21) PCT/EP02/02625

(22) 9 Mar/mar 2002 (09.03.2002)

(25) de (26) de

(30) 10114178.5 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INSULIN PREPARATIONS, WHICH DO NOT CONTAIN ANY ZINC OR ONLY A SMALL QUANTITY OF ZINC AND WHICH HAVE AN IMPROVED STABILITY

• PREPARATIONS D'INSULINE A STABILITE AMELIOREE, EXEMPTES DE ZINC OU A FAIBLE TENEUR EN ZINC

(71) AVENTIS PHARMA DEUTSCHLAND GMBH [DE/DE]; Brüningstrasse 50, 65929 Frankfurt (DE).

(72) BODERKE, Peter; Johannesallee 16, 65929 Frankfurt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 A61K 38/48, A01N 43/32, 43/50, 37/18, 31/08

(11) WO 02/076496 (13) A1

(21) PCT/US02/08656

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/277,625 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ANTHRAX LETHAL FACTOR INHIBITS TUMOR GROWTH AND ANGIOGENESIS

• FACTEUR LETAL DE L'ANTHRAX INHIBANT LA CROISSANCE TUMORALE ET L'ANGIOGENESE

(71) VAN ANDEL INSTITUTE [US/US]; 333 Bostwick NE, Grand Rapids, MI 49503 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUESBERY, Nicholas, S. [CA/US]; 344 Madison, Grand Rapids, MI 49503 (US). WEBB, Craig, P. [GB/US]; 7161 Loma Linda Drive, Grand Rapids, MI 49341 (US).

- VANDE WOUDE, George, F. [US/US]; 9451 Bailey Drive NE, Ada, MI 49301 (US).
- (74) LIVNAT, Shmuel; Venable, Baetjer, Howard & Civiletti, LLP, Suite 1000, 1201 New York Avenue N.W., P.O. Box 34385, Washington, DC 20043-9998 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K 39/00
- (11) WO 02/076497 (13) A2
- (21) PCT/GB02/01132
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 0107033.3 21 Mar/mar 2001 GB (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND COMPOSITION
• METHODE ET COMPOSITION
- (71) CHUMAS, Nicola, Jane [GB/GB]; The Dower House, Ridding Dower, Ridding Lane, Harrogate HG3 1LC (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) CHUMAS, Paul, Dominic [GB/GB]; The Dower House, Ridding Dower, Ridding Lane, Harrogate HG3 1LC (GB).
- (74) DUMMETT, Thomas, Ian, Peter et al. / etc.; Dummett Copp, 25 The Square, Martlesham Heath, Ipswich, Suffolk IP5 3SL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 39/00
- (11) WO 02/076498 (13) A2
- (21) PCT/GB02/01413
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) en (26) en
- (30) 0107319.6 23 Mar/mar 2001 GB (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • BACTERIOPHAGE-MEDIATED IMMUNISATION
- IMMUNISATION OBTENUE AU MOYEN DE BACTERIOPHAGES
- (71) MOREDUN RESEARCH INSTITUTE [GB/GB]; Pentlands Science Park, Bush Loan, Penicuik, Midlothian EH26 0PZ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MARCH, John, Bernard [GB/GB]; Moredun Research Institute, Pentlands Science Park, Bush Loan, Penicuik, Midlothian EH26 0PZ (GB).
- (74) MCCALLUM, William, Potter et al. / etc.; Cruiskshank & 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 39/00
- (11) WO 02/076499 (13) A2
- (21) PCT/US02/08756
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 60/278,294 23 Mar/mar 2001 US (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMBINATION TREATMENT OF PANCREATIC CANCER
• TRAITEMENT COMBINE DU CANCER DU PANCREAS
- (71) APTON CORPORATION [US/US]; Suite 14, 26 Harter Avenue, P.O. Box 1049, Woodland, CA 95776-1049 (US).
- (72) MICHAELI, Dov; 21 Marina Vista Avenue, Larkspur, CA 94939 (US). CAPLIN, Martyn; 9 Ludlow Way, London N2 0JZ (GB). GEVAS, Philip, C.; 881 Ocean Drive #23D, Key Biscayne, FL 33149 (US). GRIMES, Stephen; 551 Rutgers Drive, Davis, CA 95616 (US).
- (74) DRIVAS, Dimitrios, T. et al. / etc.; White & Case LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 39/02, 39/002, 39/21, 41/00, A61P 31/04, 31/06, 31/18, 33/02, 35/00, G01N 33/50
- (11) WO 02/076500 (13) A1
- (21) PCT/IN01/00047
- (22) 23 Mar/mar 2001 (23.03.2001)
- (25) en (26) en
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • VACCINE FOR THE TREATMENT OF TUBERCULOSIS AND OTHER INTRACELLULAR INFECTIONS DISEASES
• VACCIN DESTINE AU TRAITEMENT DE LA TUBERCULOSE ET D'AUTRES MALADIES INFECTIEUSES INTRACELLULAIRES
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AGREWALA, Javed, Naim [IN/IN]; Institute of Microbial Technology, Sector 39 A, Chandigarh 160 036 (IN). SHARMA, Naresh [IN/IN]; Institute of Microbial Technology, Sector 39 A, Chandigarh 160 036 (IN).
- (74) GABRIEL, DEVADOSS, CALAB; Kumaran & Sagar, 84-c, C6 Lane, (off Central Avenue), Sainik Farms, New Delhi 110 062 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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).
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- (51)⁷ A61K 39/395, C12N 5/00, G01N 33/577, A61P 7/06 // (A61K 39/395, 38:18) (A61K 39/395, 38:19)
- (11) WO 02/076501 (13) A2
- (21) PCT/CA02/00411
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (30) 60/278,453 26 Mar/mar 2001 US (26.03.2001)
- (30) 60/341,793 21 Dec/déc 2001 US (21.12.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • BLOOD CELL PRODUCTION VIA ACTIVATION OF THE HEMOGLOBIN SCAVENGER RECEPTOR
• PRODUCTION DE GLOBULES SANGUINS PAR ACTIVATION DU RÉCEPTEUR DES DÉTRITOPHAGES D'HÉMOGLOBINE
- (71) HEMOSOL INC. [CA/CA]; 2585 Meadowpine Blvd., Mississauga, Ontario L5N 8H9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) MUELLER, Susan, G. [CA/CA]; 9285 Town Line, Milton, Ontario L9T 2X7 (CA).
BELL, David [CA/CA]; 1089 Goodson Crescent, Oakville, Ontario L6H 4A7 (CA).
MATTHEWS, Kathryn, Emma [CA/CA]; 6 Halbadier Place, Toronto, Ontario M9B 2H5 (CA).
- (74) BERESKIN & PARR; 40 King Street West, Box 401, 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 39/395, 39/40, 39/42, C12P 21/08
- (11) WO 02/076502 (13) A1
(21) PCT/US02/08500
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 09/815,026 22 Mar/mar 2001 US (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • HUMAN MEDICAL TREATMENT BY APPLICATION OF IMMUNOGLOBULIN A
• TRAITEMENT MEDICAL HUMAIN PAR APPLICATION D'IMMUNOGLOBULINE A
- (71, 72) SIMON, Michael, R. [US/US]; 1925 Scottwood, Ann Arbor, MI 48104 (US).
- (74) GOLDSTEIN, Avery, N. et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., Suite 400, 280 N. Old Woodward Avenue, Birmingham, MI 48009 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 39/40, 39/42, 39/395, C07K 16/00, C12N 5/00, 5/02, C12P 21/08
- (11) WO 02/076503 (13) A1
(21) PCT/US01/19584
(22) 19 Jun/juin 2001 (19.06.2001)
(25) en (26) en
(30) 60/212,577 20 Jun/juin 2000 US (20.06.2000)
- (30) 60/269,788 16 Feb/fév 2001 US (16.02.2001)
- (30) 60/287,171 27 Apr/avr 2001 US (27.04.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • TREATMENT OF CENTRAL NERVOUS SYSTEM DISEASES BY ANTIBODIES AGAINST GLATIRAMER ACETATE
• TRAITEMENT DE MALADIES DU SYSTEME NERVEUX CENTRAL AU MOYEN D'ANTICORPS DIRIGES CONTRE L'ACETATE DE GLATIRAMERE
- (63) US 60/212,577 (CON)
20 Jun/juin 2000 (20.06.2000)
US 60/269,788 (CON)
16 Feb/fév 2001 (16.02.2001)
US 60/287,171 (CON)
27 Apr/avr 2001 (27.04.2001)
- (71) MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH [US/US]; 200 First Street S.W., Rochester, MN 55905 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RODRIGUEZ, Moses [US/US]; 2402 Hillside Lane, S.W., Rochester, MN 55902 (US).
URE, Daren [CA/US]; 2315 22nd Street NW, Rochester, MN 55901 (US).
- (74) ELLINGER, Mark, S.; Fish & Richardson P.C., P.A., 60 South Sixth Street, Suite 3300, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY 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).
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- (51)⁷ A61K 45/00, 39/395, 38/17, 31/711, 31/7105, A61P 43/00, 1/04, 37/08
- (11) WO 02/076504 (13) A1
(21) PCT/JP02/01361
(22) 18 Feb/fév 2002 (18.02.2002)
(25) ja (26) ja
(30) 2001-89158 27 Mar/mar 2001 JP (27.03.2001)
- (30) 2002-19291 29 Jan/jan 2002 JP (29.01.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • REMEDIES FOR INFLAMMATORY BOWEL DISEASES
• REMEDES CONTRE LES AFFECTIONS INTESTINALES INFLAMMATOIRES
- (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) WATANABE, Mamoru [JP/JP]; 2-25-4, Eifuku, Suginami-ku, Tokyo 168-0064 (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 KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 45/00, 31/5575, A61P 43/00, 25/00, 25/22
- (11) WO 02/076505 (13) A1
(21) PCT/JP02/02513
(22) 15 Mar/mar 2002 (15.03.2002)
(25) ja (26) ja
(30) 2001-75398 16 Mar/mar 2001 JP (16.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • REMEDIES FOR POST-TRAUMATIC STRESS DISORDER
• REMEDES POUR TROUBLE DE STRESS POST-TRAUMATIQUE
- (71) ONO PHARMACEUTICAL CO., LTD. [JP/JP]; 1-5, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8526 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NARUMIYA, Shuh [JP/JP]; 62-12, Iwakura Higashi Goda-cho, Sakyo-ku, Kyoto-shi, Kyoto 606-0007 (JP).
MARUYAMA, Takayuki [JP/JP]; c/o Minase Research Institute, Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP).
- (74) OHIE, Kunihisa; Ohie Patent Office, Horiguchi No.2 Bldg. 7F, 2-6, Nihonbashi-ningyocho, 2-chome, Chuo-ku, Tokyo 103-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS 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 CH CY DE DK ES FI FR GB GR IE IT 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 47/18
- (11) WO 02/076506 (13) A1
(21) PCT/FR02/01101
(22) 28 Mar/mar 2002 (28.03.2002)
(25) fr (26) fr
(30) 01/04187 28 Mar/mar 2001 FR (28.03.2001)

- (30) 01/07051 **30 May/mai 2001 FR (30.05.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • USE OF LIPOAMINOACIDS AS ABSORPTION PROMOTERS IN A PHARMACEUTICAL COMPOSITION
• UTILISATION DE LIPOAMINOACIDES COMME PROMOTEURS D'ABSORPTION DANS UNE COMPOSITION PHARMACEUTIQUE
- (71) PHYSICA S.A.R.L. [FR/FR]; 400, avenue Roumanille, BP 309, F-06906 Sophia Antipolis (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CALVET, Nicolas [FR/FR]; Résidence Terra Armata, 549, chemin Rascas, F-06700 Saint Laurent du Var (FR).
- (74) BONNEAU, Gérard; Cabinet Bonneau, Les Taissounières HB3, 1681, route des Dolines, F-06560 Sophia Antipolis (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ A61K 48/00, C12N 5/06, C07K 14/705
- (11) WO 02/076507 (13) A2
- (21) PCT/US02/01238
- (22) 6 Feb/fév 2002 (06.02.2002)
- (25) en (26) en
- (30) 60/278,215 **23 Mar/mar 2001 US (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • USES OF OPG LIGAND TO MODULATE IMMUNE RESPONSES
• UTILISATIONS DE LIGANDS D'OS-TEOPROTEGERINE (OPG) POUR LA MODULATION DE REPONSES IMMUNITAIRES
- (71) GENENTECH, INC. [US/US]; 1 DNA Way, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GREWAL, Iqbal [US/US]; 3482 Candice Court, Fremont, CA 94555 (US).
- (74) MARSCHANG, Diane, L.; Genentech, Inc., MS 49, 1 DNA Way, South San Francisco, CA 94080-4990 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61K 49/00
- (11) WO 02/076509 (13) A2
- (21) PCT/DE01/04782
- (22) 20 Dec/déc 2001 (20.12.2001)
- (25) de (26) de
- (30) 101 15 740.1 **26 Mar/mar 2001 DE (26.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PREPARATION FOR THE PROPHYLAXIS OF RESTENOSIS
• PREPARATION DE PREVENTION DE LA RESTENOSE
- (71, 72) SPECK, Ulrich [DE/DE]; Fürstendamm 20, 13465 Berlin (DE).
- (72, 75) SCHELLER, Bruno [DE/DE]; Ehlinger Weg 1, 66440 Bliedkastel (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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 51/00, A61M 36/14
- (11) WO 02/076510 (13) A1
- (21) PCT/US02/08992
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 09/816,703 23 Mar/mar 2001 US (23.03.2001)
- (30) 09/983,000 17 Oct/oct 2001 US (17.10.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • USE OF BIOMOLECULAR TARGETS IN THE TREATMENT AND VISUALIZATION OF BRAIN TUMORS
- UTILISATION DE CIBLES BIOMOLECULAIRES DANS LE TRAITEMENT ET LA VISUALISATION DE TUMEURS CEREBRALES
- (71) **AGY THERAPEUTICS** [US/US]; 290 Utah Avenue, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MUELLER, Sabine** [DE/US]; 343 Clipper Street, San Francisco, CA 94114 (US).
MELCHER, Thorsten [DE/US]; 1976 10th Avenue, San Francisco, CA 94116 (US).
CHIN, Daniel, J. [US/US]; 653 Celestial Lane, Foster City, CA 94404 (US).
- (74) **SHERWOOD, Pamela, J.**; BOZICEVIC, FIELD & FRANCIS, L.L.P., 200 Middlefield Road, Suite 200, Menlo Park, CA 94025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61L
- (11) WO 02/076511 (13) A2
- (21) PCT/IB02/01001
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) fr (26) fr
- (30) 01810318.4 27 Mar/mar 2001 EP (27.03.2001)
- (30) 01120974.9 31 Aug/août 2001 EP (31.08.2001)
- (30) 01810915.7 20 Sep/sep 2001 EP (20.09.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PLASMA SURFACE TREATMENT METHOD AND DEVICE FOR CARRYING OUT SAID METHOD
- PROCÉDÉ DE TRAITEMENT DE SURFACE PAR PLASMA ET DISPOSITIF POUR LA MISE EN OEUVRE DU PROCÉDÉ
- (71) **APIT CORP. SA** [CH/CH]; 10, Avenue de France, CH-1950 Sion (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOULIK, Pavel** [BE/FR]; 29 Rue du Gloeckelsberg, F-67113 Blasheim (FR).
SAMSONOV, Mickhaïl [KZ/FR]; 10 rue de Lichtenberg, F-67400 Illkirch-Graffenstaden (FR).
CHEREPANOV, Alexander [KZ/FR]; 16b Domaine de L'île, F-67400 Illkirch-Graffenstaden (FR).
PETROV, Evguenii [RU/FR]; 14 Domaine de L'île, F-67400 Illkirch-Graffenstaden (FR).
- (74) **REUTELER, Raymond, Werner**; William Blanc & Cie Conseils en Propriété Industrielle SA, 25, Avenue du Pailly, CH-1220 Les Avanchets (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).
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- (51)⁷ A61L 2/10
- (11) WO 02/076513 (13) A1
- (21) PCT/US02/09337
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (30) 60/279,053 27 Mar/mar 2001 US (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND APPARATUS FOR RAPIDLY STERILIZING IRREGULARLY-SHAPED OBJECTS
- PROCEDE ET APPAREIL POUR LA STERILISATION RAPIDE D'OBJETS A FORME IRREGULIERE
- (71) **UV-SOLUTIONS, LLC.** [US/US]; 15 Glenbrook Road, Wellesley Hills, MA 02481 (US).
- (72) **JENKINS, Geoffrey, H.**; 15 Glenbrook Road, Wellesley Hills, MA 02481 (US).
ECKHARDT, Richard; 51 Lockeland Avenue, Arlington, MA 02476 (US).
- (74) **PRITZKER, Randy, J.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
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- (51)⁷ A61L 9/014, A61K 7/46, C11D 3/50
- (11) WO 02/076514 (13) A2
- (21) PCT/EP02/02686
- (22) 12 Mar/mar 2002 (12.03.2002)
- (25) de (26) de
- (30) 101 14 519.5 23 Mar/mar 2001 DE (23.03.2001)
- (30) 101 14 513.6 23 Mar/mar 2001 DE (23.03.2001)
- (30) 101 14 520.9 23 Mar/mar 2001 DE (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • USE OF SOLID PARTICLES FOR THERMALLY EXTRACTING PERFUME OILS AND/OR AROMAS
- (71) **DISABITO, James, L.** [US/US]; 128 Hollow Road, Brandon, VT 05733 (US).
KURTZ, Mark, E. [US/US]; 1724 S.W. 5th Street, Fort Lauderdale, FL 33312 (US).
RUSSELL, Scott, P. [US/US]; 201 Lincoln Avenue, Rutland, VT 05701 (US).
- (74) **DUSYN, Kenneth, F.**; Law of Offices of Kenneth F. Dusyn, 3rd Floor, 330 Main Street, Hartford, CT 06106 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

• UTILISATION DE PARTICULES SOLIDES POUR L'EXTRACTION THERMIQUE D'ESSENCES DE PARFUM ET/OU D'AROMES

(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) TRAGE, Norbert [DE/DE]; Ahornstr. 6, 31028 Gronau (DE). BERTRAM, Ralf [DE/DE]; Grimmenstein 10, 37603 Holzminden (DE). SONNENBERG, Stefan [DE/DE]; Weissdornweg 10, 37603 Holzminden (DE). BEHRENS, Kolja [DE/DE]; Heinser Str. 6, 37647 Polle (DE). MANSFELD, Gerd [DE/DE]; Am Büe 1, 37632 Eschershausen (DE). HARZKE, Falk [DE/DE]; Dammesworth 3, 37619 Bodenwerder (DE). EILERS, Jörg [DE/DE]; Hohe Pforte 5, 37619 Hehlen (DE). WOLF, Florian [DE/DE]; Roonstr. 3, 37671 Höxter (DE).

(74) MANN, Volker; BAYER AKTIENGESELLSCHAFT, 51368 Leverkusen (DE).

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

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

Declaration / Déclaration :

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

(51)⁷ A61L 9/02, A23L 1/22, A63J 23/02, A61K 31/465

(11) WO 02/076515 (13) A2

(21) PCT/EP02/02676

(22) 12 Mar/mar 2002 (12.03.2002)

(25) de (26) de

(30) 101 14 352.4 22 Mar/mar 2001 DE (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF PRODUCING 1-HYDROXY-1,1-DIPHOSPHONIC ACID COMPOUNDS

• PROCEDE DE FABRICATION DE COMPOSES D'ACIDE 1-HYDROXY-1,1-DIPHOSPHONIQUE

(71) EUCRO EUROPEAN CONTRACT RESEARCH GMBH & CO. KG [DE/DE]; Stresemannallee 6, 41460 Neuss (DE).

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

(72, 75) BLUM, Helmut [DE/DE]; Bertha-von-Suttnerstrasse 30, 40595 Düsseldorf (DE).

GREB, Wolfgang [DE/DE]; Am Fronberg 11, 40489 Düsseldorf (DE). PUSTOVIT, Yurii [UA/UA]; Pushinoi Street, 44/50, a. 182, 252179, Kyiv, 179 (UA). RÖSCHENTHALER, Gerd-Volker [DE/DE]; Meldeweg 19, 28357 Bremen (DE).

(74) CHRISTOPHERSEN, Ruth; Kapellstrasse 12, 40479 Düsseldorf (DE).

(81) AU CZ HU ID IL JP PL US ZA.

(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 A61L 9/12, 9/01, 9/013, 9/02, 9/03, 9/04

(11) WO 02/076516 (13) A1

(21) PCT/EP02/03154

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 14 594.2 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • UTILIZATION OF ODORIFEROUS COMPOSITIONS IN ODORIFEROUS CHIPS

• UTILISATION DE COMPOSITIONS ODORIFERANTES DANS DES PLAQUETTES ODORIFERANTES

(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) WOLF, Florian [DE/DE]; Roonstrasse 3, 37671 Höxter (DE). MANSFELD, Gerd [DE/DE]; Am Büe 1, 37632 Eschershausen (DE). HARZKE, Falk [DE/DE]; Dammesworth 3, 37619 Bodenwerder (DE). EILERS, Jörg [DE/DE]; Hohe Pforte 5, 37619 Hehlen (DE).

(74) MANN, Volker; Bayer Aktiengesellschaft, 51368 Leverkusen (DE).

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

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

Declaration / Déclaration :

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

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

(51)⁷ A61L 9/20, 9/18, C02F 1/32, B01J 19/12

(11) WO 02/076517 (13) A1

(21) PCT/IT02/00196

(22) 27 Mar/mar 2002 (27.03.2002)

(25) it (26) en

(30) MI2001A000646 27 Mar/mar 2001 IT (27.03.2001)

(30) MI2001A002654 14 Dec/déc 2001 IT (14.12.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE FOR THE STERILISATION-PURIFICATION OF A FLUID FLOW, IN PARTICULAR OF A FLOW OF COMPRESSED OR FORCED AIR.

• DISPOSITIF DESTINE A LA STERILISATION-PURIFICATION D'UN ECOULEMENT FLUIDE, EN PARTICULIER D'UN ECOULEMENT D'AIR COMPRIME OU FORCE

(71, 72) TISSI, Guido, Ivo [IT/IT]; Via della Liberazione, 27, I-20068 Peschiera Borromeo (IT).

(74) JORIO, Paolo et al. / etc.; c/o Studio Torta S.r.l., Via Viotti, 9, I-10121 Torino (IT).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61L 15/00, 15/14, 15/60

(11) WO 02/076518 (13) A1

(21) PCT/GB02/01573

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 0107655.3 27 Mar/mar 2001 GB (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • WOUND DRESSING

• PANSEMENT POUR PLAIE

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; 345 Park Avenue, New York, NY 10154 (US).

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(72, 75) CHEN, Wai, Yuen, John [GB/GB]; 34 Strawberry Lane, Wilmslow, Cheshire SK9 6AH (GB). CLAY, Christopher, Stanley [GB/GB]; 6 Linden Drive, Mickle Trafford, Chester CH2 4QT (GB). WALKER, Michael [GB/GB]; Homeleigh, Brynannan, Brynford, Flintshire CH8 8AX (GB).

- (74) **BARKER BRETTELL**; 10-12 Priests Bridge, London SW15 5JE (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **A61L 15/44, 15/22, 15/60, 15/58**
- (11) **WO 02/076519** (13) A1
- (21) PCT/EP02/03227
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) de (26) de
- (30) 101 14 382.6 **23 Mar/mar 2001 DE (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **SILICONE-BASED MOISTURE ABSORBING MATRIX, PARTICULARLY FOR CARING FOR WOUNDS AND/OR FOR THE PHARMACEUTICAL/COSMETIC TREATMENT OF SKIN**
- **MATRICE ABSORBANT L'HUMIDITE A BASE DE SILICONE UTILISEE NOTAMMENT POUR LA CICATRISATION ET/OU LE TRAITEMENT PHARMACEUTIQUE/COSMETIQUE DE LA PEAU**

- (71) **BEIERSDORF AG** [DE/DE]; Unnastrasse 48, 20245 Hamburg (DE).
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- (72, 75) **WÖLLER, Karl-Heinz** [DE/DE]; Eimsbütteler Marktplatz 7, 20257 Hamburg (DE).
- (74) **BEIERSDORF AG**; Unnastrasse 48, 20245 Hamburg (DE).
- (81) AU 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)

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ **A61L 15/60**
- (11) **WO 02/076520** (13) A2
- (21) PCT/US02/04656
- (22) **15 Feb/fév 2002 (15.02.2002)**
- (25) en (26) en
- (30) 09/814,402 **22 Mar/mar 2001 US (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **HIGH SUPERABSORBENT CONTENT WEBS AND A METHOD FOR MAKING THEM**
- **BANDES A HAUTE TENEUR EN MATIERES SUPERABSORBANTES ET PROCEDE DE FABRICATION DE CELLES-CI**

- (71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).
- (72) **SINGH, Jaspreet**; 8545 Bloomfield, Apt. 8, Montreal, Québec H3N 2J4 (CA). **DODGE, Richard, N.**; 2717 N. McDonald Street, Appleton, WI 54911 (US).
- (74) **GREEN, Theodore, M. et al. / etc.**; 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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 17/10, D01D 1/06, D01F 6/04**
- (11) **WO 02/076521** (13) A2
- (21) PCT/US02/08861
- (22) **20 Mar/mar 2002 (20.03.2002)**
- (25) en (26) en
- (30) 60/278,686 **26 Mar/mar 2001 US (26.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **POLYOLEFIN SUTURES HAVING IMPROVED PROCESSING AND HANDLING CHARACTERISTICS**
- **SUTURES EN POLYOLEFINE A CARACTERISTIQUES DE TRAITEMENT AMELIOREES**
- (71) **TYCO HEALTHCARE GROUP LP** [US/US]; 150 Glover Avenue, Norwalk, CT 06856 (US).
- (72) **ROBY, Mark**; 11 Grace Lane, Killingworth, CT 06419 (US). **KENNEDY, John**; 101 Hoyt Lane, Guilford, CT 06437 (US). **STEVENSON, Richard**; 101 Pine Brook Road, Colchester, CT 06415 (US).
- (74) **FARBER, Mark**; Tyco Healthcare 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 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 **A61L 27/00, A61F 2/28**
- (11) **WO 02/076522** (13) A1
- (21) PCT/JP02/02744
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) ja (26) ja
- (30) 2001-84525 **23 Mar/mar 2001 JP (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **ARTIFICIAL BONE MATERIAL**
- **MATIERE OSSEUSE ARTIFICIELLE**

(71) **OLYMPUS OPTICAL CO., LTD.** [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP). **NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY** [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

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- (72, 75) **HAKAMAZUKA, Yasuharu** [JP/JP]; c/o Olympus Optical Co., Ltd., 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP). **IRIE, Hiroyuki** [JP/JP]; c/o Olympus Optical Co., Ltd., 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP). **INOUE, Hikaru** [JP/JP]; c/o Olympus Optical Co., Ltd., 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP). **MASUBUCHI, Ryouji** [JP/JP]; c/o Olympus Optical Co., Ltd., 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP). **OKABE, Hiroshi** [JP/JP]; c/o Olympus Optical Co., Ltd., 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP). **UEMURA, Toshimasa** [JP/JP]; 3-674-101, Namiki, Tsukuba-shi, Ibaraki 305-0044 (JP).

- (74) **NARA, Takeshi**; 2-15, Hamamatsu-cho 2-chome, Minato-ku, Tokyo 105-0013 (JP).

- (81) CN 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 **A61L 27/00**
- (11) **WO 02/076523** (13) A2
- (21) PCT/US02/07600
- (22) **14 Mar/mar 2002 (14.03.2002)**
- (25) en (26) en
- (30) 09/813,780 **21 Mar/mar 2001 US (21.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)

(54) • **CONTROLLING RESORPTION OF BIORESORBABLE MEDICAL IMPLANT MATERIAL**

• **REGULATION DE LA RESORPTION D'UN MATERIEL POUR PROTHESE MEDICALE BIODEGRADABLE**

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

(72) **LI, Jianmin**; 21 Bartlett Avenue, Lexington, MA 02420 (US). **BALDWIN, Samuel**; 6 Clarendon Street, Newton, MA 02460 (US).

- HARRAH, Tim**; 6 Clarendon Street, Newton, MA 02460 (US).
- (74) **ZHANG, Yin, P.**; 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).
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- (51)⁷ A61L 31/00
- (11) **WO 02/076524** (13) A2
- (21) PCT/EP02/02531
- (22) **7 Mar/mar 2002 (07.03.2002)**
- (25) de (26) de
- (30) 101 12 518.6 **9 Mar/mar 2001 DE (09.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • RADIOACTIVELY COATED STENTS
- TUTEURS INTRAVASCULAIRES A REVETEMENT RADIOACTIF
- (71) **SCHERING AKTIENGESELLSCHAFT** [DE/DE]; Müllerstr. 178, 13353 Berlin (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DINKELBORG, Ludger** [DE/DE]; Ortwinstrasse 7, 13465 Berlin (DE). **MUSCHICK, Peter** [DE/DE]; Biesenthaler Weg 3, 16321 Ladeburg (DE). **NOLL, Bernhard** [DE/DE]; Dresdner Strasse 104, 01705 Freital (DE). **GÖRNER, Heidemarie** [DE/DE]; Warthaer Strasse 62, 01157 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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61L 31/18, 31/12
- (11) **WO 02/076525** (13) A1
- (21) PCT/US02/07841
- (22) **13 Mar/mar 2002 (13.03.2002)**
- (25) en (26) en
- (30) 09/815,892 **23 Mar/mar 2001 US (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MEDICAL DEVICE HAVING RADIO-OPACIFICATION AND BARRIER LAYERS
- APPAREIL MEDICAL POUR VU DE COUCHES BARRIERES ET DE COUCHES OPAQUES AUX RAYONS
- (71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One Scimed Place, Maple Grove, MN 55331-1566 (US).
- (72) **CHANDRESEKARAN, Verivada, Chandru**; 2433 84th Avenue, SE, Mercer Island, WA 98040 (US). **KVEEN, Graig**; 14125 74th Place North, Maple Grove, MN 55311 (US).
- (74) **STALLMAN, Brandon, C.**; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61M
- (11) **WO 02/076526** (13) A2
- (21) PCT/US02/06600
- (22) **5 Mar/mar 2002 (05.03.2002)**
- (25) en (26) en
- (30) 09/809,357 **15 Mar/mar 2001 US (15.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SAFETY SHIELD FOR MEDICAL NEEDLES
- PROTECTION DE SURETE POUR AIGUILLES MEDICALES
- (71) **SPECIALIZED HEALTH PRODUCTS, INC.** [US/US]; 585 West 500 South, Bountiful, UT 84010-8199 (US).
- (72) **FERGUSON, F., Mark**; Specialized Health Products, Inc., 585 West 500 South, Bountiful, UT 84010-8199 (US). **NELSON, Mark, A.**; Specialized Health Products, Inc., 585 West 500 South, Bountiful, UT 84010-8199 (US). **OWEN, Charles, V.**; Specialized Health Products, Inc., 585 West 500 South, Bountiful, UT 84010-8199 (US). **THORNE, Craig, N.**; Specialized Health Products, Inc., 585 West 500 South, Bountiful, UT 84010-8199 (US). **THORNE, David, L.**; Specialized Health Products, Inc., 585 West 500 South, Bountiful, UT 84010-8199 (US). **THORNE, Gale, H., Jr.**; Specialized Health Products, Inc., 585 West 500 South, Bountiful, UT 84010-8199 (US).
- (74) **EVANS, Paul, S.**; Specialized Health Products, Inc., 585 West 500 South, Bountiful, UT 84010-8199 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
- RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 1/00
- (11) **WO 02/076528** (13) A2
- (21) PCT/US02/06565
- (22) **5 Mar/mar 2002 (05.03.2002)**
- (25) en (26) en
- (30) 09/817,317 **26 Mar/mar 2001 US (26.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • A BALLOON PUMP SYSTEM HAVING A PRESSURE RESERVOIR MUFFLER
- SYSTEME DE POMPE A BALLONNET DOTE D'UN SILENCIEUX POUR RESERVOIR A PRESSION
- (71) **DATASCOPE INVESTMENT CORP.** [US/US]; 14 Philips Parkay, Montvale, NJ 07645 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WILLIAMS, Jonathan** [US/US]; 28 Macleay Road, Montville, NJ 07045 (US).

- HOFF, Robert** [US/US]; 100 The Fairway, Cedar Groove, NJ 07009 (US). **KAUSHAN-SKY, Yefim** [US/US]; 40-15 Tierney Place, Fairlawn, NJ 07410 (US).
- (74) **RONAI, Abraham**; Datascope Corp., 14 Philips Parkway, Montvale, NJ 07645 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61M 1/16, B01D 71/26, 69/06**
(11) **WO 02/076529** (13) A1
(21) PCT/NL02/00170
(22) **12 Mar/mar 2002 (12.03.2002)**
(25) nl (26) en
(30) 1017570 **12 Mar/mar 2001 NL (12.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **BLOOD PROCESSING DEVICE**
• **DISPOSITIF DE TRAITEMENT DE SANG**
- (71) **STICHTING HOGESCHOOL VAN UTRECHT** [NL/NL]; Oudenoord 330, NL-3513 EX Utrecht (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SILLEN, Robert, Mathieu, Johan** [NL/NL]; Bovenwinde 16, NL-3434 GV Nieuwegein (NL). **SWINKELS, Etienne, Lutger, Martijn** [NL/NL]; Oude Vest 11a, NL-2312 XP Leiden (NL). **SOTEBIER, Frank, Klein** [NL/NL]; Stationsplein 24, NL-6953 AC DIEREN (NL).
- (74) **LAND, Addick, Adrianus, Gosling**; Sweet-inkplein 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61M 1/16**
(11) **WO 02/076530** (13) A1
(21) PCT/US02/08078
(22) **18 Mar/mar 2002 (18.03.2002)**
(25) en (26) en
(30) 60/278,059 **22 Mar/mar 2001 US (22.03.2001)**
(30) 09/935,411 **23 Aug/août 2001 US (23.08.2001)**

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **INTRAVASCULAR BLOOD-GAS EXCHANGER**
• **ÉCHANGEUR SANG/GAZ INTRAVASCULAIRE**
- (71, 72) **MORTENSEN, J., D.** [US/US]; 10600 Dimple Dell Road, Sandy, UT 84092 (US). **SCHAAP, Robert, N.** [US/US]; 1409 Saratoga Road, Salt Lake City, UT 84117 (US). **BAGLEY, Barry** [US/US]; 2406 East Kensington Avenue, Salt Lake City, UT 84018 (US). **BERRY, Gaylord** [US/US]; 2960 S. Warr Road, Salt Lake City, UT 84109 (US).
- (74) **GILMORE, Richard, C.** et al. / etc.; 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
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- (51)⁷ **A61M 5/00, 5/178**
(11) **WO 02/076531** (13) A1
(21) PCT/GB02/01435
(22) **26 Mar/mar 2002 (26.03.2002)**
(25) en (26) en
(30) 0107604.1 **27 Mar/mar 2001 GB (27.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **DRIVE MECHANISM FOR AN INJECTION DEVICE**
• **MECANISME DE COMMANDE POUR DISPOSITIF D'INJECTION**
- (71) **DCA DESIGN INTERNATIONAL LIMITED** [GB/GB]; 19 Church Street, Warwick CV34 4AB (GB).
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- (72, 75) **LANGLEY, Christopher, Nigel** [GB/GB]; 120 Leicester Lane, Leamington Spa, Warwickshire CV32 7HH (GB). **WOOLSTON, Robert** [GB/GB]; 3 Chestnut Grove, Moreton Morrell, Warwickshire CV35 9DG (GB).
- (74) **MOFFAT, John, Andrew** et al. / etc.; Lewis & Taylor, 5 The Quadrant, Coventry CV1 2EL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES

- FI FR GB GR IE 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)
-
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ **A61M 5/142**
(11) **WO 02/076532** (13) A1
(21) PCT/IB02/00850
(22) **22 Mar/mar 2002 (22.03.2002)**
(25) en (26) en
(30) 2001/2455 **26 Mar/mar 2001 ZA (26.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **A LIQUID DISPLACEMENT ARRANGEMENT**
• **DISPOSITIF DE DEPLACEMENT DE LIQUIDE**
- (71, 72) **WISNIEWSKI, Pawel** [ZA/ZA]; 71 Princess Alice Avenue, Glenwood, 4001 Durban (ZA).
- (74) **ROTTEVEEL, Martin**; Adams & Adams, Private Bag 16, Adams & Adams, 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
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- (51)⁷ **A61M 5/142**
(11) **WO 02/076533** (13) A1
(21) PCT/IT01/00153
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) it (26) en
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **MAGNETICALLY OPERATED, SUBCUTANEOUSLY IMPLANTABLE DRUG INFUSION DEVICE**
• **DISPOSITIF DE PERFUSION DE MEDICAMENT IMPLANTABLE SOUS LA PEAU, ACTIONNE PAR MAGNETISME**
- (71, 72) **GIANNESSI, Alessandro** [IT/IT]; 36, Via del Partigiano, I-57036 Rosignano Solvay (IT). **POLI, Paolo** [IT/IT]; 20, Piazza Vittorio Emanuele II, I-56100 Pisa (IT).
- (72, 75) **MOSCHINI, Massimo** [IT/IT]; 12, Via Giuseppe Giulietti, I-00154 Roma (IT).
- (74) **BARDINI, Marco, Luigi** et al. / etc.; Società Italiana Brevetti S.p.A., 25, Corso dei Tintori, I-50122 Firenze (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK

LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ 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 A61M 5/28, 5/315

(11) WO 02/076534 (13) A1

(21) PCT/FR02/01035

(22) 26 Mar/mar 2002 (26.03.2002)

(25) fr (26) fr

(30) 01/04090 27 Mar/mar 2001 FR
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYRINGE FOR VISCO-ELASTIC SO-
LUTIONS
• SERINGUE POUR SOLUTIONS VIS-
COELASTIQUES

(71) LABORATOIRE DE CONTACTOLO-
GIE APPLIQUEE-LCA [FR/FR]; 9, allée
Prométhée, Z.I. Les Propylées, F-28000
Chartres (FR).

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les États désignés sauf US)

(72, 75) VINCENT, Patrice [FR/FR]; 8, rue de
Chimay, F-28130 Mevoisins (FR).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 5/315

(11) WO 02/076535 (13) A1

(21) PCT/GB02/01418

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 0107601.7 27 Mar/mar 2001 GB
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPROVEMENTS IN AND RELATING
TO AN INJECTION DEVICE
• AMELIORATIONS APPORTEES ET
RELATIVES A UN DISPOSITIF D'IN-
JECTION

(71) DCA DESIGN INTERNATIONAL LIM-
ITED [GB/GB]; 19 Church Street, Warwick
CV34 4AB (GB).

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les États désignés sauf US)

(72, 75) LANGLEY, Christopher, Nigel
[GB/GB]; 120 Leicester Lane, Leaming-
ton Spa, Warwickshire CV32 7HH (GB).

PLUMPTRE, David, Aubrey [GB/GB]; 36
Shire Way, Droitwich, Worcester WR9 7RQ
(GB). WOOLSTON, Robert [GB/GB]; 3
Chestnut Grove, Moreton Morrell, Warwick-
shire CV35 9DG (GB).

(74) MOFFAT, John, Andrew et al. / etc.; Lewis
& Taylor, 5 The Quadrant, Coventry CV1 2EL
(GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 A61M 5/315, 5/24

(11) WO 02/076536 (13) A1

(21) PCT/GB02/01430

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 0107607.4 27 Mar/mar 2001 GB
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPROVEMENTS IN AND RELATING
TO AN INJECTION DEVICE
• DISPOSITIF D'INJECTION AMELIORE

(71) DCA DESIGN INTERNATIONAL LIM-
ITED [GB/GB]; 19 Church Street, Warwick
CV34 4AB (GB).

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

(72, 75) WOOLSTON, Robert [GB/GB]; 3
Chestnut Grove, Moreton Morrell, Warwick-
shire CV35 9DG (GB).

(74) MOFFAT, John, Andrew et al. / etc.; Lewis
& Taylor, 5 The Quadrant, Coventry CV1 2EL
(GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 A61M 5/315

(11) WO 02/076537 (13) A1

(21) PCT/GB02/01437

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 0107600.9 27 Mar/mar 2001 GB
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPROVEMENTS IN AND RELATING
TO AN INJECTION DEVICE
• AMELIORATIONS APPORTEES A UN
DISPOSITIF POUR INJECTIONS

(71) DCA DESIGN INTERNATIONAL LIM-
ITED [GB/GB]; 19 Church Street, Warwick
CV34 4AB (GB).

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

(72, 75) LANGLEY, Christopher, Nigel
[GB/GB]; 120 Leicester Lane, Leaming-
ton Spa, Warwickshire CV32 7HH (GB).
WOOLSTON, Robert [GB/GB]; 3 Chest-
nut Grove, Moreton Morrell, Warwickshire
CV35 9DG (GB).

(74) MOFFAT, John, Andrew et al. / etc.; Lewis
& Taylor, 5 The Quadrant, Coventry CV1 2EL
(GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 A61M 5/315, 5/145, 5/24

(11) WO 02/076538 (13) A1

(21) PCT/GB02/01446

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 0107609.0 27 Mar/mar 2001 GB
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPROVEMENTS IN AND RELATING
TO AN INJECTION DEVICE
• PERFECTIONNEMENTS RELATIFS A
UN DISPOSITIF D'INJECTION

(71) DCA DESIGN INTERNATIONAL LIM-
ITED [GB/GB]; 19 Church Street, Warwick
CV34 4AB (GB).

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

(72, 75) LANGLEY, Christopher, Nigel
[GB/GB]; 120 Leicester Lane, Leaming-
ton Spa, Warwickshire CV32 7HH (GB).
PLUMPTRE, David, Aubrey [GB/GB]; 36
Shire Way, Droitwich, Worcester WR9 7RQ
(GB). WOOLSTON, Robert [GB/GB]; 3
Chestnut Grove, Moreton Morrell, Warwick-
shire CV35 9DG (GB).

(74) MOFFAT, John, Andrew et al. / etc.; Lewis
& Taylor, 5 The Quadrant, Coventry CV1 2EL
(GB).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61M 5/315, 5/24
(11) WO 02/076539 (13) A1
(21) PCT/GB02/01459
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 0107608.2 27 Mar/mar 2001 GB (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • IMPROVEMENTS IN AND RELATING TO AN INJECTION DEVICE
• AMELIORATIONS APORTEES A UN DISPOSITIF D'INJECTION ET ASSOCIEES A UN DISPOSITIF D'INJECTION

(71) DCA DESIGN INTERNATIONAL LIMITED [GB/GB]; 19 Church Street, Warwick CV34 4AB (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) LANGLEY, Christopher, Nigel [GB/GB]; 120 Leicester Lane, Leamington Spa, Warwickshire CV32 7HH (GB).
WOOLSTON, Robert [GB/GB]; 3 Chestnut Grove, Moreton Morrell, Warwickshire CV35 9DG (GB).
(74) MOFFAT, John, Andrew et al. / etc.; Lewis & Taylor, 5 The Quadrant, Coventry CV1 2EL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A61M 5/32, A61B 17/34
(11) WO 02/076540 (13) A1
(21) PCT/DK02/00175
(22) 15 Mar/mar 2002 (15.03.2002)
(25) en (26) en
(30) PA 2001 00483 23 Mar/mar 2001 DK (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • A NEEDLE CANNULA, A METHOD OF PRODUCING A NEEDLE CANNULA AND USE OF A NEEDLE CANNULA

• CANULE ; PROCEDE DE FABRICATION ET METHODE D'UTILISATION

(71) NOVO NORDISK A/S [DK/DK]; Novo Allé, DK-2880 Bagsværd (DK).
NIPRO CORPORATION [JP/JP]; 3-9-3, Honjo-Nishi, Kita-Ku, Osaka, Osaka 531 (JP).
(72) KLINT, Henrik, Sønderskov; Einarsvej 23C, DK-2880 Lyngby (DK).
HIGAKI, Yoshio; 25-14, Higashimisono-cho, Tatebayashi, Gunma, Gunma 374-0031 (JP).
(74) NOVO NORDISK A/S; Corporate Patents, Novo Allé, DK-2880 Bagsværd (DK).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 5/32
(11) WO 02/076541 (13) A1
(21) PCT/US01/48540
(22) 14 Dec/déc 2001 (14.12.2001)
(25) en (26) en
(30) 60/278,738 26 Mar/mar 2001 US (26.03.2001)
(30) 10/017,685 14 Dec/déc 2001 US (14.12.2001)
(30) 10/017,906 14 Dec/déc 2001 US (14.12.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • SYTEM AND METHODS FOR POSITIONING AND STABILING EXTERNAL INSTRUMENTS
• SYSTEME ET PROCEDES DE POSITIONNEMENT ET DE STABILISATION D'INSTRUMENTS EXTERNES

(71) CURON MEDICAL, INC. [US/US]; 735 Palomar Avenue, Sunnyvale, CA 94085 (US).
(72) GAISER, John; 373 Paul Avenue, Mountain View, CA 94041 (US).
WEST, Scott; 1627 Feldspar Court, Livermore, CA 94550 (US).
UTLEY, David; 108 Colton Avenue, San Carlos, CA 94070 (US).
HUYNH, David; 3585 Mauricia Avenue, Santa Clara, CA 95051 (US).

(74) RYAN, Daniel, D. et al. / etc.; Post Office Box 26618, Milwaukee, WI 53226 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 CH CY DE DK ES FI FR GB GR IE 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 A61M 5/50, 5/315
(11) WO 02/076542 (13) A1
(21) PCT/DK02/00131
(22) 27 Feb/fév 2002 (27.02.2002)
(25) da (26) en
(30) PA 2001 00330 28 Feb/fév 2001 DK (28.02.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • A DISPOSABLE SYRINGE
• SERINGUE JETABLE
(71, 72) HETTING, Mikael [DK/DK]; Øresundshøj 10B, DK-2920 Charlottenlund (DK).

(74) HOLME PATENT A/S; Vesterbrogade 20, DK-1620 Copenhagen V (DK).
(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 16/04
(11) WO 02/076543 (13) A1
(21) PCT/RU01/00226
(22) 9 Jun/juin 2001 (09.06.2001)
(25) ru (26) ru
(30) 2001108070 23 Mar/mar 2001 RU (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A PERVAK SEALING SLEEVE FOR AN ENDOTRAHEAL TUBE
• MANCHETTE D'ETANCHEITE DE PERVAK POUR CANULE ENDOTRACHEALE
(71, 72) PERVAK, Vladimir Anatolievich [RU/RU]; Okeansky pr., 109-2, Vladivostok, 690002 (RU).

(81) 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 A61M 16/20, 16/12, 16/00
(11) WO 02/076544 (13) A1
(21) PCT/DE02/01000
(22) 15 Mar/mar 2002 (15.03.2002)

- (25) de (26) de
(30) 101 14 628.0 **23 Mar/mar 2001 DE (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • RESPIRATORY DEVICE
• APPAREIL RESPIRATOIRE
- (71) SALVIA LIFETEC GERÄTE FÜR MEDIZINTECHNIK GMBH & CO. KG [DE/DE]; Niederhöchstädter Strasse 62, 61476 Kronberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHOBER, Andreas [DE/DE]; Buber-Neumann-Weg 112, 60439 Frankfurt (DE). BREITENFELDER, Wilhelm [DE/DE]; Gebrüder-Lang-Strasse, 61169 Friedberg (DE).
- (74) PFEIFER, Hans-Peter et al. / etc.; Beiertheimer Allee 19, 76137 Karlsruhe (DE).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ A61M 25/00
(11) WO 02/076545 (13) A2
(21) PCT/US02/06749
(22) 5 Mar/mar 2002 (05.03.2002)
(25) en (26) en
(30) 09/813,905 **21 Mar/mar 2001 US (21.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • INTRA-AORTIC BALLOON CATHETER HAVING A GAS LUMEN INSERT
• CATHETER A BALLONNET INTRA-AORTIQUE COMPORTANT UN ELEMENT RAPPORTE DE LUMIERE DE GAZ
- (71) DATASCOPE INVESTMENT CORP. [US/US]; 14 Philips Parkway, Montvale, NJ 07645 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LESCHINSKY, Boris [US/US]; 30 West Saddle River Road, Waldwick, NJ 07463 (US). LAKSIN, Olga [US/US]; 2278 Redwood Road, Scotch Plains, NJ 07076 (US). PETERS, George [US/US]; 92 Rillo Drive, Wayne, NJ 07470 (US). SONG, Philip [US/US]; 115 Elliot St., 1st Floor, Passaic, NJ 07055 (US).
- (74) RONAI, Abraham; Datascope Corp., 14 Philips Parkway, Montvale, NJ 07645 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);
- OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61M 25/10, 25/00, A61F 2/06
(11) WO 02/076546 (13) A1
(21) PCT/US02/08822
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 09/816,795 **23 Mar/mar 2001 US (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • STENT DELIVERY BALLOON CATHETER AND METHOD OF MAKING SAME
• CATHETER SERVANT A POSER UN EXTENSEUR ET SON PROCEDE DE FABRICATION
- (71) MEDTRONIC AVE, INC. [US/US]; 3576 Unocal Place, Santa Rosa, CA 95403 (US).
- (72) STIGER, Mark, L.; 4895 A Old Redwood Highway, Santa Rosa, CA 95403 (US). MOHN, Michael, A.; 4895 A Old Redwood Highway, Santa Rosa, CA 95403 (US). HOEKWATER, Mark; 7170 Lynch Road, Sebastopol, CA 95472 (US). SOBE, Lior; 23 Moshe Sene, 43728 Raanana (IL).
- (74) MARESH, Catherine, C. et al. / etc.; Medtronic AVE Inc., 3576 Unocal Place, Santa Rosa, CA 95403 (US).
- (81) JP.
- (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 A61M 37/00
(11) WO 02/076547 (13) A1
(21) PCT/US02/08503
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 09/813,577 **21 Mar/mar 2001 US (21.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ULTRASONIC CATHETER DRUG DELIVERY METHOD AND DEVICE
• METHODE ET DISPOSITIF D'ADMINISTRATION DE MEDICAMENT UTILISANT UN CATHETER ULTRASONORE
- (71) CELLERATION [US/US]; 6570 Edenvale Blvd., Eden Prairie, MN 55346 (US).
- (71, 72) BABAEV, Eilaz [US/US]; 5564 Bimini Drive, Minnetonka, MN 55343 (US).
- (74) LIKOUREZOS, George et al. / etc.; Carter, Deluca, Farrell & Schmidt LLP, 445 Broad Hollow Road, Suite 225, Melville, NY 11747 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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);
- RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
- Declarations / Déclarations :
(r) for all designations / pour toutes les designations
(s) for all designations / pour toutes les designations;
(t) for all designations / pour toutes les designations
-
- (51)⁷ A61N
(11) WO 02/076548 (13) A2
(21) PCT/US02/09035
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 60/278,604 **26 Mar/mar 2001 US (26.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHODS AND APPARATUS FOR TREATING DISEASED TISSUE
• PROCEDES ET APPAREIL POUR LE TRAITEMENT D'UN TISSU MALADE
- (71) ELLEN, A., INC. [US/US]; 24 Loft Drive, Martinsville, NJ 08836 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHRISTMAN, C., Lawrence [US/US]; 24 Loft Drive, Martinsville, NJ 08836 (US).
- (74) DALICKAS, Gail, A. et al. / etc.; Duane Morris LLP, One Liberty Place, Philadelphia, PA 19103-7396 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 1/39
(11) WO 02/076549 (13) A2
(21) PCT/IB02/00999
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 09/817,223 **27 Mar/mar 2001 US (27.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • FOUR CONTACT IDENTIFICATION DEFIBRILLATOR ELECTRODE SYSTEM
• SYSTEME D'IDENTIFICATION D'ELECTRODES DE DEFIBRILLATEUR A QUATRE CONTACTS
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **HERLEIKSON, Earl, C.**; 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.

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

(51)⁷ A61N 5/00

(11) WO 02/076550 (13) A1

(21) PCT/RU01/00152

(22) 17 Apr/avr 2001 (17.04.2001)

(25) ru (26) ru

(30) 2001107589 23 Mar/mar 2001 RU (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR TREATING INFECTIONS OF THE LIVING ORGANISM AND DEVICE FOR TREATING SAID INFECTIONS

• METHODE DE TRAITEMENT DES INFECTIONS AFFECTANT UN ORGANISME VIVANT ET DISPOSITIF POUR TRAITER LES INFECTION AFFECTANT UN ORGANISME VIVANT

(71, 72) **MARKIN, Jury Vladimirovich** [RU/RU]; ul. Krasnoyarskaya, 1-335, Moscow, 107589 (RU). **VOLIKOV, Jury Konstantinovich** [RU/RU]; ul. Novopeschanaya, 9-25, Moscow, 125057 (RU).

(74) **FIRM "PATENT SERVICES CENTRE"**; ul. Miklukho-Maklaya, 55a, Moscow, 117279 (RU).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO 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 A61N 5/00, 1/02

(11) WO 02/076551 (13) A1

(21) PCT/US01/09414

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CARDIAC TELEMETRY MONITOR PROTECTIVE ENCLOSURE

• BOITIER PROTECTEUR POUR MONITEUR DE TELEMETRIE CARDIAQUE

(63) US 09/470,756 (CIP) 23 Dec/déc 1999 (23.12.1999)

(71) **HARTLINE TECHNOLOGY, INC.** [US/US]; P.O. Box 4565, Columbia, SC 29240 (US).
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(72, 75) **HART, Glennah, D.** [US/US]; 1013 Clay Hill Road, Pelion, SC 29123 (US). **BAUCOM, Larry, H.** [US/US]; P.O. Box 23337, Mint Hill, NC 28227 (US).

(74) **HARDAWAY, John, B., III et al.** / etc.; Nexsen Pruet Jacobs & Pollard, LLP, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 A61N 7/00, 5/06, A61H 23/02

(11) WO 02/076552 (13) A1

(21) PCT/KR02/00500

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ko (26) en

(30) 2001/15851 27 Mar/mar 2001 KR (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • OSTEOPOROSIS TREATMENT UNIT
• UNITE DE TRAITEMENT DE L'OSTEOPOROSE

(71) **NBM CO., LTD.** [KR/KR]; 125-4 Nambuk Bldg., Eunhaeng-Dong, Jung-Ku, Daejeon 301-838 (KR).

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(72, 75) **KIM, Hong, Goh** [KR/KR]; 125-4 Nambuk Bldg., Eunhaeng-Dong, Jung-ku, Daejeon 301-838 (KR).

(74) **SHONG, Jea, Wok**; Federation of Fisheries Cooperative Main Bldg.#402917, Dunsan-2-Dong,, Seo-ku, Daejeon 302-122 (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 ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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

(11) WO 02/076553 (13) A2

(21) PCT/US02/09383

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/817,660 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • REMOVABLE FIREHOSE HOLDER

• PORTE-LANCE D'INCENDIE DEPOSABLE

(71, 72) **NORDLUND, Mark, Stephen** [US/US]; 8421 East "E" Street, Tacoma, WA 98445 (US).

(74) **KING, Jeffrey, J.**; 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 A62B 3/00

(11) WO 02/076554 (13) A1

(21) PCT/US02/08755

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/815,285 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SPRING-LOADED CAR WINDOW BREAKER AND RETRACTABLE SAFETY SHEATH

• BRISE-VITRES D'AUTOMOBILES A GAINE DE SECURITE RETRACTABLE

(63) US Not furnished / non communiqué (CIP)
Not furnished / non communiquée

(71) **TASK FORCE TIPS, INC.** [US/US]; 2800 E. Evans Avenue, Valparaiso, IN 46383 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STEINGASS, Robert, W.** [US/US]; 202 Oakridge Ct., Valparaiso, IN 46385 (US). **KOLACZ, David, J.** [US/US]; 16719 West 9th Road, Plymouth, IN 46563 (US).

(74) **SMITH, Jeffrey, W.**; Lathrop & Clark LLP, Suite 400, 740 Regent Street, P.O. Box 1507, Madison, WI 53701-1507 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 9/06

(11) WO 02/076555 (13) A1

(21) PCT/CN02/00112

(22) 25 Feb/fév 2002 (25.02.2002)

(25) zh (26) zh

(30) 01217658.3 28 Feb/fév 2001 CN
(28.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A DISPOSABLE FACE GUARD
• PROTECTION FACIALE JETABLE

(71, 72) LI, Yong [CN/CN]; 17-301, 8 Changfeng Road, Hefei, Anhui 230061 (CN).

(74) SHANGAI PATENT & TRADEMARK LAW OFFICE; 435 Guiping Road, Shanghai 200233 (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 CH CY DE DK ES FI FR GB GR IE 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 A63B 23/04

(11) WO 02/076556 (13) A1

(21) PCT/GB02/01389

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 0107386.5 23 Mar/mar 2001 GB
(23.03.2001)(30) 0117547.0 18 Jul/juil 2001 GB
(18.07.2001)(30) 0200715.1 14 Jan/jan 2002 GB
(14.01.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • APPARATUS FOR THERAPEUTICALLY EXERCISING PARTS OF THE HUMAN BODY

• APPAREIL PERMETTANT D'EXERCER DE MANIERE THERAPEUTIQUE DES PARTIES DU CORPS HUMAIN

(71, 72) NEWSON, Charles, James [GB/GB]; 88 Silverdale Avenue, Walton-on-Thames, Surrey KT12 1EL (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 VN YU ZA ZM ZW.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A63B 69/36

(11) WO 02/076557 (13) A1

(21) PCT/IB02/00953

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 2001/2476 27 Mar/mar 2001 ZA
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • GOLF TRAINING AID

• DISPOSITIF D'AIDE A L'ENTRAINEMENT AU GOLF

(71, 72) VAN ZYL, Goerge, Gideon, Petrus [ZA/ZA]; 208 John Street, Muckleneuk, 0002 Pretoria (ZA). STRAUSS, Pieter, Anton [ZA/ZA]; 25 Ada Street, Adamay View, 2570 Klerksdorp (ZA).

(74) GILSON, David, Grant et al. / etc.; Spoor and Fisher, PO Box 41312, 204 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 CH CY DE DK ES FI FR GB GR IE 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 A63B 71/00, A63F 9/24

(11) WO 02/076558 (13) A2

(21) PCT/US02/09065

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 09/815,524 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LIQUID ELECTRONIC GAMES

• JEUX ELECTRONIQUES A LIQUIDES

(71) BRESLOW MORRISON TERZIAN & ASSOCIATES L.L.C. [US/US]; 750 N. Orleans, Chicago, IL 60610 (US).

(72) ROSENWINKEL, Donald, A.; 623 N. East Avenue, Oak Park, IL 60302 (US). PAXTON, William, B.; 1523 North Elk Grove Avenue, Chicago, IL 60622 (US).

(74) PACOCHA, John, S. et al. / etc.; Law Offices of Dick and Harris, 181 West Madison Street, Chicago, IL 60602 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 A63B 71/12

(11) WO 02/076559 (13) A1

(21) PCT/SE02/00506

(22) 18 Mar/mar 2002 (18.03.2002)

(25) sv (26) en

(30) 0100999-2 22 Mar/mar 2001 SE
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A JOINT DEVICE FOR A LEG GUARD

• DISPOSITIF D'ARTICULATION POUR UNE JAMBIERE

(71) SPORTOPEDGRUPPEN AB [SE/SE]; P.O. Box 201, S-795 23 Rättvik (SE).

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

(72, 75) EGHAMN, Lars [SE/SE]; P.O. Box 201, S-795 23 Rättvik (SE).

(74) SUNDSTRÖM, Per et al. / etc.; Stenhagen Patentbyrå AB, P.O. Box 4630, S-116 91 Stockholm (SE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 A63C

(11) WO 02/076560 (13) A2

(21) PCT/CA02/00425

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,006 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HOOK AND LOOP ATTACHMENT FOR ARTIFICIAL GRASS

• SYSTEME DE FIXATION ADHESIF POUR GAZON SYNTHETIQUE

(71) FIELDTURF INC. [CA/CA]; 8088 Montview, TMR-Montreal, Québec H4P 2L7 (CA).

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(72, 75) PREVOST, Jean [CA/CA]; 449 Mount Stephen, Westmount, Québec H3Y 2X8 (CA).

(74) OGILVY RENAULT; Suite 1600, 1981 McGill College Avenue, Montréal, Québec H3A 2Y3 (CA).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 A63C 9/08

(11) WO 02/076561 (13) A1

(21) PCT/AT02/00059

(22) 28 Feb/fév 2002 (28.02.2002)

(25) de (26) de

(30) GM 210/2001 22 Mar/mar 2001 AT (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BINDING FOR SNOWBOARDS

• FIXATION POUR PLANCHES DE SURF DES NEIGES

(71, 72) MEKAL, Jolanta [PL/AT]; Adnet 234, A-5421 ADNET (AT). MEKAL, Krzysztof [PL/AT]; Adnet 234, A-5421 ADNET (AT).

(74) BABELUK, Michael; Mariahilfer Gürtel 39/17, A-1150 WIEN (AT).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 A63C 19/06, 19/08

(11) WO 02/076562 (13) A1

(21) PCT/AU02/00357

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) PR 3965 26 Mar/mar 2001 AU (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AUTOMATIC GROUND MARKING METHOD AND APPARATUS

• PROCEDE ET DISPOSITIF AUTOMATIQUES POUR MARQUAGE AU SOL

(71) EDGEROI PTY LTD [AU/AU]; 24 Brentwood Terrace, Oxenford, Queensland 4210 (AU).

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

(72, 75) MAYFIELD, Ian, Ashley [AU/AU]; 24 Brentwood Terrace, Oxenford, Queensland 4210 (AU).

(74) PIZZEYS; Patent and Trade Mark Attorneys, Level 14, ANZ Centre, 324 Queen Street, Brisbane, Queensland 4000 (AU).

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

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

(51)⁷ A63F 9/08

(11) WO 02/076563 (13) A1

(21) PCT/KR02/00481

(22) 21 Mar/mar 2002 (21.03.2002)

(25) ko (26) en

(30) 2001/7848 U 21 Mar/mar 2001 KR (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PUZZLE

• JEU A ENIGME

(71, 72) YANG, Jun, Ho [KR/KR]; 4 FL., 193-25 Ho, Bangee-1-Dong, Songpa-ku, Seoul 138-834 (KR).

(74) PARK, Kyeong Hun et al. / etc.; Seoultech Int'l Patent & Law Firm 2Fl, Kumma Bldg., 827-24 Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 23/04, 30/04, B63H 21/21

(11) WO 02/076564 (13) A1

(21) PCT/JP01/02302

(22) 22 Mar/mar 2001 (22.03.2001)

(25) ja (26) ja

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DRIVE CONTROLLER

• CONTROLEUR DE PROPULSION

(71) NIKKO CO., LTD [JP/JP]; 15-15, Kameari 5-chome, Katsushika-ku, Tokyo 125-0061 (JP).

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(72, 75) ISHIMOTO, Zenichi [JP/JP]; c/o NIKKO CO., LTD., 15-15, Kameari 5-chome, Katsushika-ku, Tokyo 125-0061 (JP).

(74) HAMADA, Haruo; NXB-Aoyama 3F, 26-37, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-0062 (JP).

(81) JP US.

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

Published / Publiée : (b)

(51)⁷ A63H 33/04, G09F 7/04, G09B 1/38, E04B 1/19

(11) WO 02/076565 (13) A1

(21) PCT/EP02/02959

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(30) mi2001a000608 22 Mar/mar 2001 IT (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELEMENT FOR JOINING MODULES WITH MAGNETIC ANCHORAGE FOR THE CONSTRUCTION OF STABLE GRID STRUCTURES

• ELEMENT SERVANT A ASSEMBLER DES MODULES AVEC ANCRAGE MAGNETIQUE POUR LA CONSTRUCTION DE STRUCTURES DE GRILLE STABLES

(71, 72) VICENTELLI, Claudio [IT/IT]; Località La Scaletta, I-07041 Alghero (IT).

(74) PETRUZZELLI ANTONIO; C.so Italia, 43, I-20122 Milano (IT).

(81) AU BR CA CN JP RU US.

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

Published / Publiée : (c)

(51)⁷ B01D

(11) WO 02/076566 (13) A2

(21) PCT/US02/09493

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/331,351 26 Mar/mar 2001 US (26.03.2001)

(30) 10/076,078 14 Feb/fév 2002 US (14.02.2002)

(30) 10/105,958 21 Mar/mar 2002 US (21.03.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FLOW DIVERTER SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE DEVIATION D'ECOULEMENT

(71) COMPUTER SCIENCES CORPORATION [US/US]; 2100 East Grand Avenue, El Segundo, CA 90245 (US).

(72) COE, Thomas, J.; 3006 Clippership Drive, Stafford, VA 22554 (US). SCHERER, John, O.; 5475 Greenbridge Road, Dayton, MD 21306 (US).

(74) CONLEY, ROSE & TAYON, P.C.; MEYERTONS, Eric B., 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 CH CY DE DK ES FI FR GB GR IE 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 B01D 21/24, 21/26
(11) WO 02/076567 (13) A1
(21) PCT/US02/07036
(22) 8 Mar/mar 2002 (08.03.2002)
(25) en (26) en
(30) 60/278,078 22 Mar/mar 2001 US (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • APPARATUS AND METHODS FOR COLLECTING AND TRANSFERRING SOLIDS SEPARATED FROM WASTE-WATER
• APPAREIL ET PROCÉDES DE RECUEIL ET DE TRANSFERT DE SOLIDES SEPARES D'EAUX USEES
(71, 72) WILSON, George, E. [US/US]; 2363 N.E. Stephanie Court, Hillsboro, OR 97124 (US).
(74) GIRARD, Michael, P.; Klarquist Sparkman, LLP, One World Trade Center, Suite 1600, 121 SW Salmon Street, Portland, OR 97204 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B01D 29/15, 29/92, 35/153, 35/16, 36/00
(11) WO 02/076568 (13) A1
(21) PCT/FR02/00941
(22) 15 Mar/mar 2002 (15.03.2002)
(25) fr (26) fr
(30) 01/03993 23 Mar/mar 2001 FR (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • FILTERING CARTRIDGE WITH INTEGRATED VENT IN THE UPPER PLATE AND CORRESPONDING FILTERING ASSEMBLY
• CARTOUCHE DE FILTRATION A ÉVENT INTÉGRÉ DANS LE FLASQUE SUPÉRIEUR ET ENSEMBLE DE FILTRAGE CORRESPONDANT
(71) FLEETGUARD [FR/FR]; Zone Industrielle du Grand Guélen, F-29556 Quimper Cedex 9 (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MALGORN, Gérard [FR/FR]; 30 rue Maria Chapdelaine, F-29000 Quimper (FR).
LE ROUX, Benoît [FR/FR]; 16 Chemin de Menez-Rouz, F-29170 Fouesnant (FR).
GUICHAOUA, Jean-Luc [FR/FR]; Perien Bonis, F-29120 Combril (FR).

- (74) VIDON, Patrice et al; Cabinet Patrice Vidon, Le Nobel Bâtiment A, 2 allée Antoine Becquerel, BP 90333, F-35703 Rennes 7 (FR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B01D 29/15, 29/92, 29/96, 35/153, 35/16, 36/00
(11) WO 02/076569 (13) A1
(21) PCT/FR02/00942
(22) 15 Mar/mar 2002 (15.03.2002)
(25) fr (26) fr
(30) 01/03990 23 Mar/mar 2001 FR (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • CYLINDRICAL ELEMENT WITH SLOPING FINS FOR FILTERING ELEMENT AND CORRESPONDING FILTERING ASSEMBLY
• ELEMENT CYLINDRIQUE A ALLETES INCLINEES POUR ELEMENT FILTRANT ET ENSEMBLE DE FILTRAGE CORRESPONDANT
(71) FLEETGUARD [FR/FR]; Zone Industrielle du Grand Guélen, F-29556 Quimper Cedex 9 (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MALGORN, Gérard [FR/FR]; 30 rue Maria Chapdelaine, F-29000 Quimper (FR).
LE MEN, Gildas [FR/FR]; Lotissement Ty Pavec, F-29180 Quengat (FR).
(74) CABINET PATRICE VIDON; Le Nobel - Bât. A, 2 allée Antoine Becquerel, BP 90333, F-35703 Rennes 7 (FR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B01D 29/15, 29/96, 35/153, 35/16, 36/00
(11) WO 02/076570 (13) A1
(21) PCT/FR02/00943
(22) 15 Mar/mar 2002 (15.03.2002)
(25) fr (26) fr
(30) 01/03995 23 Mar/mar 2001 FR (23.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
(54) • FILTERING ASSEMBLY PROVIDED WITH MEANS FACILITATING FILTERING CARTRIDGE REPLACEMENT
• ENSEMBLE DE FILTRAGE POURVU DE MOYENS FACILITANT LE REMPLACEMENT DE LA CARTOUCHE DE FILTRATION
(71) FLEETGUARD [FR/FR]; Zone Industrielle du Grand Guélen, F-29556 Quimper Cedex 9 (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MALGORN, Gérard [FR/FR]; 30 rue Maria Chapdelaine, F-29000 Quimper (FR).
(74) VIDON, Patrice et al; Cabinet Patrice Vidon, Le Nobel - Bât. A, 2 Allée Antoine Becquerel, B.P. 90333, F-35703 Rennes 7 (FR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B01D 29/64, B08B 9/04
(11) WO 02/076571 (13) A1
(21) PCT/US02/07779
(22) 15 Mar/mar 2002 (15.03.2002)
(25) en (26) en
(30) 09/813,528 21 Mar/mar 2001 US (21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • EXCHANGER OF WALL CLEARING SHUTTLES
• ECHANGEUR DE NAVETTES DE RACLAGES DE PAROIS
(63) US 09/813,528 (CON) 21 Mar/mar 2001 (21.03.2001)
(71, 72) BENSON, Robert, A. [US/US]; 20 Rowes Wharf, Boston, MA 02110 (US).
(74) GALLOWAY, Peter, D. et al. / etc.; Ladass & 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01D 29/66, C02F 11/00
(11) WO 02/076572 (13) A1
(21) PCT/KR02/00445
(22) 14 Mar/mar 2002 (14.03.2002)
(25) ko (26) en
(30) 2001/13448 15 Mar/mar 2001 KR (15.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • APPARATUS FOR FILTERING SUSPENDED SOLID IN WATER
• APPAREIL DE FILTRAGE DE SOLIDES EN SUSPENSION DANS L'EAU
(71) NANOENTECH CO., LTD. [KR/KR]; 867-5 Eogok-dong, Yangsan-city, Kyungsangbuk-do 626-220 (KR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) HAN, Ki-Beak [KR/KR]; 1071, Sanggu-ri, Hyeongok-myeon, Kyungju-city, Kyungsangbuk-do 780-920 (KR).
(74) LEE, Young-Pil; The Cheonghwa Building, 1571-18, Seocho-dong Seocho-gu, Seoul 137-874 (KR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01D 33/073, 33/42, 35/30
(11) WO 02/076573 (13) A1
(21) PCT/DE02/01061
(22) 22 Mar/mar 2002 (22.03.2002)
(25) de (26) de
(30) 101 14 411.3 23 Mar/mar 2001 DE (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • MULTI-STAGE ROTARY FILTER
• FILTRE ROTATIF A PLUSIEURS ETAGES
(71, 72) BÜSSING, Reinhard [DE/DE]; Berliner Chaussee, Technologie- und Gründerzentrum, 39307 Genthin (DE).
(74) GRAALFS, Edo et al. / etc.; Mörikestrasse 18, 40474 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 CH CY DE DK ES

FI FR GB GR IE 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 B01D 35/06
(11) WO 02/076574 (13) A1
(21) PCT/US02/02383
(22) 22 Jan/jan 2002 (22.01.2002)
(25) en (26) en
(30) 09/817,467 26 Mar/mar 2001 US (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • MAGNETIC ASSEMBLY TO BE APPLIED AGAINST AN OIL FILTER
• ENSEMBLE MAGNETIQUE A DISPOSER CONTRE UN FILTRE A HUILE
(71, 72) BRUNSTING, William, J. [US/US]; 3181 Douglas Drive, Lake Havasu City, AZ 86404 (US).
(74) MUNRO, Jack, C.; Suite 225, 28720 Roadside Drive, Agoura Hills, CA 91301 (US).
(81) AU CA CN DE DK ES GB IL IN JP KR MX NO NZ PT SE ZA ZW.
(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ B01D 35/30, 27/08, 29/11, B65D 41/06
(11) WO 02/076575 (13) A2
(21) PCT/US02/08668
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 60/277,726 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • FILTER ASSEMBLY AND METHOD OF MANUFACTURE
• ENSEMBLE DE FILTRE ET PROCEDE DE FABRICATION
(71) CUNO INCORPORATED [US/US]; 400 Research Parkway, Meriden, CT 06450 (US).
(72) MINNS, Gian, D.; 25 Coonah Pde, Riverview, New South Wales (AU). HAWES, Michael, A.; 101b Berowra Waters Road, Berowra, New South Wales (AU). OAKLEY, John, H.; 33 Ballendella Road, Toongabbie, New South Wales (AU). TREW, Ian, L.; 44 Lucene Cres., Lethbridge Park, New South Wales (AU).
(74) SILVIA, David, J.; Cummings & Lockwood, 700 State Street, New Haven, CT 06509-1960 (US).

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

(51)⁷ B01D 39/00
(11) WO 02/076576 (13) A2
(21) PCT/US02/04944
(22) 20 Feb/fév 2002 (20.02.2002)
(25) en (26) en

(30) 09/813,548 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • VAPOR DEPOSITION TREATED ELECTRET FILTER MEDIA
• FILTRE ELECTRET TRAITE EN PHASE VAPEUR
(71) HOLLINGSWORTH & VOSE COMPANY [US/US]; 112 Washington Street, East Walpole, MA 02032 (US).
(72) GAHAN, Richard, E.; 10 Saddleback Drive, Wrentham, MA 02093 (US). CHOI, Wai, Ming; 1569 Commonwealth Avenue, West Newton, MA 02465 (US).
(74) GEARY, William, C., III; nutter, McClenen & Fish, LLP, One International Place, Boston, MA 02210-2699 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B01D 39/06, 39/08, 39/20, 29/00
(11) WO 02/076577 (13) A2
(21) PCT/US02/02914
(22) 1 Feb/fév 2002 (01.02.2002)
(25) en (26) en
(30) 60/266,784 6 Feb/fév 2001 US (06.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • COMPOSITIONS OF INSOLUBLE MAGNESIUM CONTAINING MINERALS FOR USE IN FLUID FILTRATION
• COMPOSITIONS DE MINERAUX CONTENANT DU MAGNESIUM INSOLUBLE DESTINEES A ETRE UTILISEES POUR LA FILTRATION DE FLUIDES
(71) WATERVISIONS, INC. [US/US]; 110 Industrial Drive, A2, Cumming, GA 30040 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) HUGHES, Kenneth, D. [US/US]; 765 Bellemeade Place, Alpharetta, GA 30004 (US).
(74) PRATT, John, s.; Kilpatrick Stockton LLP, 1100 Peachtree Street, Suite 2800, Atlanta, GA 30309-4530 (US).

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

FI FR GB GR IE 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 B01D 39/10

(11) WO 02/076578 (13) A1

(21) PCT/US02/09998

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/279,026 27 Mar/mar 2001 US
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONTROL OF GLYCOFORMS IN IGG

- MAT DE FIBRES METALLIQUES A UTILISER DANS DES FILTRES ET PROCEDE DE FABRICATION DE CES FILTRES

(71) SMITHKLINE BEECHAM CORPORATION [US/US]; UW2220, 709 Swedeland Road, King of Prussia, PA 19406 (US).

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

(72, 75) DEVRIES, Ruth, L. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). VICKROY, Thomas, B. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).

(74) BAUMEISTER, Kirk; UW2220, 709 Swedeland Road, King Of Prussia, PA 10406 (US).

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

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

(51)⁷ B01D 39/20, 46/00, F01N 3/28, B01D 53/86, B01J 35/04

(11) WO 02/076579 (13) A1

(21) PCT/JP02/02643

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ja (26) ja

(30) 2001-83736 22 Mar/mar 2001 JP
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HONEYCOMB STRUCTURAL BODY

- CORPS STRUCTURAL ALVEOLAIRE

(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) AOKI, Yoichi [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).

(74) WATANABE, Kazuhira; 3rd Fl., No.8 Kikuboshi Tower Building, 20-18, Asakusabashi 3-chome, Taito-ku, Tokyo 111-0053 (JP).

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

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

(51)⁷ B01D 53/00

(11) WO 02/076580 (13) A2

(21) PCT/MX02/00025

(22) 25 Mar/mar 2002 (25.03.2002)

(25) es (26) es

(30) 09/816,254 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND SYSTEM FOR FEEDING AND BURNING A PULVERIZED FUEL IN A GLASS FOUNDRY OVEN AND BURNER TO BE USED THEREWITH

- PROCEDE ET SYSTEME D'ALIMENTATION ET DE COMBUSTION D'UN COMBUSTIBLE PULVERISE DANS UN FOUR DE FONDERIE ET BRULEUR DESTINE A ETRE UTILISE AVEC CELUI-CI

(71) IP TECNOLOGIA VIDRIERA, LTD. [CH/CH]; Rue des Pilettes 1, CH-1700 Fribourg (CH).

(72) OLIN NUÑEZ, Miguel, Angel; Fernando Poo No. 2945, Col. Cumbres, 5o. Sector, Monterrey, Nuevo León 66410 (MX). CABRERA LLANOS, Roberto, Marcos; Av. Acueducto No. 6310, Col. Satélite, Monterrey, Nuevo León 64960 (MX). LOREDO MURPHY, Jorge; Camino de los Pelicanos No. 901, Col. San Jemo, 3er. Sector, Monterrey, Nuevo León 64630 (MX). MARGAIN ORTIZ, Rafaél; Roberto G. Sada No. 133 Oriente, Col. Lomas del Valle, Gerza García, Nuevo León (MX). FLORES PONCE, Juan, Gabriel; Tuxpan No. 213, Col. Mitrás Norte, Monterrey, Nuevo León (MX).

(74) OLIVIER TENORIO, Miguel, Angel; Av. Ricardo Margain Zozaya No. 440, Col. Valle del Campestre, Garza García, Nuevo León (MX).

(81) AT AU BR CA CN CR CZ HU ID IL IN JP KR MX NO NZ PL RO RU SG SI SK TR VN ZA.

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

(51) B01D 53/00, 45/08, 8/00

(11) WO 02/076581 (13) A1

(21) PCT/US02/07040

(22) 8 Mar/mar 2002 (08.03.2002)

(25) en (26) en

(30) 09/816,639 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TRAP APPARATUS AND METHOD FOR CONDENSABLE BY-PRODUCTS OF DEPOSITION REACTIONS

- APPAREIL ET PROCEDE DE PIEGEAGE POUR DES SOUS-PRODUITS CONDENSABLES DE REACTIONS DE DEPOT

(71) MKS INSTRUMENTS, INC. [US/US]; 5330 Sterling Drive, Boulder, CO 80301 (US).

(72) GU, Youfan; 3322 West Torreys Peak, Superior, CO 80027 (US).

(74) YOUNG, James, R. et al. / etc.; Faegre & Benson LLP, 1900 Fifteenth Street, Boulder, CO 80302 (US).

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

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

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 B01D 53/14, 53/50

(11) WO 02/076582 (13) A1

(21) PCT/US02/07468

(22) 13 Mar/mar 2002 (13.03.2002)

(25) en (26) en

(30) 09/817,939 27 Mar/mar 2001 US
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF REMOVING SULFUR DIOXIDE FROM A GASEOUS STREAM IN A WET SCRUBBING UNIT

- PROCEDE SERVANT A SUPPRIMER DU DIOXYDE DE SOUFRE D'UN FLUX GAZEUX DANS UNE UNITE DE LAVAGE

(71) DRAVO LIME, INC. [US/US]; 11 Stanwix Street, Pittsburgh, PA 15222 (US).

(71, 72) SMITH, Kevin, J. [US/US]; 111 Watson Drive, Monongahela, PA 15063 (US).

(74) **BAKER, James, N.**; Armstrong, Westerman & Hattori, Law and Finance Building, 429 Fourth Avenue, Suite 707, Pittsburgh, PA 15219 (US).

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

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

Declaration / Déclaration :

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

(51)⁷ B01D 53/32

(11) WO 02/076583 (13) A2

(21) PCT/DE02/01118

(22) 27 Mar/mar 2002 (27.03.2002)

(25) de (26) de

(30) 101 15 175.6 27 Mar/mar 2001 DE (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE AND METHOD FOR PURIFYING EXHAUST GAS
• DISPOSITIF ET PROCEDE D'EPURATION DE GAZ D'ECHAPPEMENT

(71) **CENTROTHERM ELEKTRISCHE ANLAGEN GMBH & CO.** [DE/DE]; Johannes-Schmid-Strasse 3, 89143 Blaubeuren (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRÖDEL, Gunter** [DE/DE]; Gutenbergstrasse 14, 01445 Radebeul (DE). **RESCH, Dietmar** [DE/DE]; Ludwig-Kosuth-Strasse 25, 01109 Dresden (DE). **STELZER, Horst** [DE/DE]; Alexander-Herzen-Strasse 42, 01109 Dresden (DE). **FABIAN, Lutz** [DE/DE]; Zschertnitzer Weg 8, 01217 Dresden (DE). **SENG, Holger** [DE/DE]; Peschelstrasse 18, 01139 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 VN YU ZA ZM ZW.

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

(51)⁷ B01D 53/86

(11) WO 02/076584 (13) A1

(21) PCT/DE02/00723

(22) 27 Feb/fév 2002 (27.02.2002)

(25) de (26) de

(30) 101 15 219.1 28 Mar/mar 2001 DE (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR ASSESSING THE OPERABILITY OF A DEVICE FOR REDUCING THE OZONE CONTENT IN THE AIR

• PROCEDE ET DISPOSITIF POUR EVALUER L'APTITUDE AU FONCTIONNEMENT D'UN DISPOSITIF DE REDUCTION DE LA TENUEUR EN OZONE DE L'AIR

(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) **KLEE, Peter** [DE/DE]; Haydnstrasse 42/2, 75438 Knittlingen (DE). **DAMBACH, Dieter-Andreas** [DE/DE]; Immanuel-Kant-Strasse 10, 70825 Korntal-Muenchingen (DE). **KNIRSCH, Matthias** [DE/DE]; Huelbeweg 2, 71701 Schwieberdingen (DE).

(81) BR 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 B01D 57/02, 59/42, 59/50, 61/58, C02F 1/469, C08F 2/58, C25B 15/00, 7/00, G01F 1/64, G01L 1/20, 9/18, G01N 27/26

(11) WO 02/076585 (13) A1

(21) PCT/US02/08706

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/813,571 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ANALYSIS AND FRACTIONATION OF PARTICLES NEAR SURFACES
• ANALYSE ET FRACTIONNEMENT DE PARTICULES PRES DE SURFACES

(71) **BIOARRAY SOLUTIONS, LTD.** [US/US]; 120 Centennial Avenue, Piscataway, NJ 08854 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEUL, Michael** [DE/US]; 84 Pleasant Avenue, Fanwood, NJ 07023 (US). **BANERJEE, Sukanta** [IN/US]; 7 Petunia Drive, Apt. #1H, North Brunswick, NJ 08902 (US). **PODUAL, Kairali** [IN/US]; 7 Petunia Drive, Apt. #1, North Brunswick, NJ 08902 (US).

(74) **SONNENFELD, Kenneth, H.** et al. / etc.; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154 (US).

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

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

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

(51)⁷ B01D 57/02, 59/42, 59/50, 61/42, 61/58, G01N 27/26, 33/559, C02F 1/469, C25B 7/00, 15/00, G01L 1/20, 9/18

(11) WO 02/076586 (13) A1

(21) PCT/US02/09005

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 09/816,738 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PRECAST GEL AND TRAY COMBINATION FOR SUBMERGED GEL ELECTROPHORESIS

• COMBINAISON DE GEL ET DE PLATEAU PREFABRIQUE POUR ELECTROPHORESE SUR GEL IMMERGEE

(71) **BIO-RAD LABORATORIES, INC.** [US/US]; 1000 Alfred Nobel Drive, Hercules, CA 94547 (US).

(72) **DALE, Emily, C.**; 230 Jenay Court, Martinez, CA 94553 (US). **FEINSTEIN, Paul**; 1333 Peralta Avenue, Berkeley, CA 94702 (US). **ZOLLER, Paul**; 540 Maywood Way, Fairfield, CA 94583 (US).

(74) **HEINES, M., Henry 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 UZ VN YU ZA ZM ZW.

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

(51)⁷ B01D 61/08

(11) WO 02/076587 (13) A1

(21) PCT/KR02/00537

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 2001/15939 27 Mar/mar 2001 KR (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • REVERSE OSMOSIS WATER PURIFICATION APPARATUS FOR COERCIVE CIRCULATION OF CONCENTRATE

• APPAREIL DE PURIFICATION D'EAU PAR OSMOSE INVERSE A CIRCULATION FORCEE DU CONCENTRE

(71) **AQUATECH ASIA CO., LTD.** [KR/KR]; GoCheon Dong 332-34, UiWang City, KyongGi-Do 437-010 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JANG, Yong-Chae** [KR/KR]; Jungong Apt. #806-606, Haan-3-Dong,

- Gwangmyeong-si, Gyeonggi-do 423-063 (KR).
- (74) SON, Min 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B01D 61/14, 61/02, 65/08
(11) WO 02/076588 (13) A1
(21) PCT/GB02/01216
(22) 15 Mar/mar 2002 (15.03.2002)
(25) en (26) en
(30) 0107636.3 27 Mar/mar 2001 GB (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD
• PROCEDE
- (71) MEMBRANE EXTRACTION TECHNOLOGY LIMITED [GB/GB]; Department of Chemical Engineering, Imperial College, London SW7 2BY (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LIVINGSTON, Andrew, Guy [GB/GB]; Membrane Extraction Technology Limited, Department of Chemical Engineering, Imperial College, London SW7 2BY (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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B01D 61/18, 63/02, C02F 1/00, 9/00, A61L 2/02, B01D 35/04
(11) WO 02/076589 (13) A1
(21) PCT/EP02/03220
(22) 22 Mar/mar 2002 (22.03.2002)
(25) de (26) de
(30) 101 15 633.2 23 Mar/mar 2001 DE (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • FILTER USED IN THE PROVISION OF SUBSTANTIALLY GERM-FREE WATER
• FILTRE D'ALIMENTATION D'EAU ESSENTIELLEMENT EXEMPTÉ DE GERMES
- (71) FUMA-TECH GMBH [DE/DE]; Am Grubenstollen 11, 66386 St. Ingbert/Saar (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BAUER, Bernd [DE/DE]; Hildenstrasse 10, 71665 Vaihingen/Enz (DE). JOHANN, Jürgen [AT/AT]; Haidermühle 47, A-5310 Mondsee (AT). BINGGL, Gerd [AT/AT]; Schöllsweg 11, A-5310 Mondsee (AT).
- (74) RUFF, WILHELM, BEIER, DAUSTER & PARTNER; Postfach 10 40 36, 70035 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 CH CY DE DK ES FI FR GB GR IE 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 B01D 61/18
(11) WO 02/076590 (13) A2
(21) PCT/NL02/00177
(22) 18 Mar/mar 2002 (18.03.2002)
(25) nl (26) en
(30) 1017681 23 Mar/mar 2001 NL (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • FILTERING SYSTEM
• ECONOMISEUR D'EAU
- (71) PRIME WATER SYSTEMS GMBH [DE/DE]; Brüsseler Strasse 20, 48455 Bad Bentheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHARSTUHL, Johan, Jan [NL/NL]; Schoolstraat 2a, NL-7495 TC Ambt-Delden (NL). SCHARSTUHL, Eric [NL/NL]; Kolmschotlanden 1, NL-7542 GD Enschede (NL).
- (74) PLAGGENBORG, Menko, Bernard et al. / etc.; Octroobureau Los En Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 B01D 63/06, 63/02, 63/04
(11) WO 02/076591 (13) A1
(21) PCT/EP02/02376
(22) 5 Mar/mar 2002 (05.03.2002)
(25) de (26) de
(30) 101 13 465.7 19 Mar/mar 2001 DE (19.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • FILTRATION UNIT
• UNITE DE FILTRATION
- (71) AAFLOWSYSTEMS GMBH & CO. KG [DE/DE]; Robert-Bosch-Strasse 99, 73457 Essingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FEUERPEIL, Hans-Peter [DE/DE]; Erfurter Strasse 6, 73529 Schwäbisch Gmünd (DE). BLÄSE, Dieter [DE/DE]; Wetzgauer Strasse 63, 73557 Mutlangen (DE). OLAPINSKI, Hans [DE/DE]; Steinäcker 40, 73773 Aichwald (DE).
- (74) WEITZEL & PARTNER; Friedenstrasse 10, 89522 Heidenheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B01D 63/08
(11) WO 02/076592 (13) A1
(21) PCT/US02/09058
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 09/818,823 27 Mar/mar 2001 US (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • INTEGRAL GASKETED FILTRATION CASSETTE ARTICLE AND METHOD OF MAKING THE SAME
• CARTOUCHE DE FILTRATION INTÉGRALE À JOINT D'ÉTANCHÉITÉ ET PROCÉDÉ DE FABRICATION DE CELLE-CI
- (71) ESCO TECHNOLOGIES, INC. [—/US]; Suite 200, 8888 Ladue Road, St. Louis, MI 63124-2056 (US).
- (72) KOPF, Henry, III; 221 James Jackson Avenue, Cary, NC 27513 (US).
- (74) HULTQUIST, Steven, J.; Intellectual Property/Technology Law, PO Box 14329, Research Triangle Park, NC 27709 (US).
- (81) AU CA JP NZ.

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

(51)⁷ B01D 67/00, 69/08, 71/34, 69/02

(11) WO 02/076593 (13) A1

(21) PCT/US01/32327

(22) 18 Oct/oct 2001 (18.10.2001)

(25) en (26) en

(30) 09/817,889 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HYDROPHILIC HOLLOW FIBER ULTRAFILTRATION MEMBRANES THAT INCLUDE A HYDROPHOBIC POLYMER AND A METHOD OF MAKING THESE MEMBRANES

• MEMBRANES D'ULTRAFILTRATION A FIBRES CREUSES HYDROPHILES COMPRENANT UN POLYMERE HYDROPHOBE ET PROCEDE DE PRODUCTION DE CES MEMBRANES

(71) KOCH MEMBRANE SYSTEMS, INC. [US/US]; 850 Main Street, Wilmington, MA 01887-3388 (US).

(72) JI, Jiang; 200 Brookside Drive, Apt. F, Andover, MA 01810 (US). DIECECCA, Candeloro; 49A Clarendon Avenue, Somerville, MA 02144 (US). MEHTA, Mahesh, J.; 43 Valley Road, Needham, MA 02192 (US).

(74) WHARTON, Susan, J. et al. / etc.; Stinson Morrison Hecker LLP, 1201 Walnut, Suite 2800, Kansas City, MO 64106-2150 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 B01D 71/56, C02F 1/44

(11) WO 02/076594 (13) A1

(21) PCT/JP02/02165

(22) 8 Mar/mar 2002 (08.03.2002)

(25) ja (26) ja

(30) 2001-78490 19 Mar/mar 2001 JP (19.03.2001)

(30) 2001-81827 22 Mar/mar 2001 JP (22.03.2001)

(30) 2001-368578 3 Dec/déc 2001 JP (03.12.2001)

(30) 2001-368584 3 Dec/déc 2001 JP (03.12.2001)

(30) 2002-26767 4 Feb/fév 2002 JP (04.02.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOSITE SEMIPERMEABLE MEMBRANE, METHOD FOR PREPARING THE SAME AND METHOD FOR WATER TREATMENT USING THE SAME

• MEMBRANE SEMI-PERMEABLE COMPOSITE, METHODE DE PREPARATION DE LA MEMBRANE, ET METHODE DE TRAITEMENT DE L'EAU AVEC CETTE MEMBRANE

(71) NITTO DENKO CORPORATION [JP/JP]; 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 (JP).

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

(72, 75) OHARA, Tomomi [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 (JP). HIROSE, Masahiko [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 (JP). KURATA, Naoki [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680 (JP).

(74) SUZUKI, Takao et al. / etc.; 1-20, Nishinakajima 7-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (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).

Published / Publiée : (b)

(51)⁷ B01F 13/08

(11) WO 02/076595 (13) A1

(21) PCT/EP02/03343

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 01201096.3 22 Mar/mar 2001 EP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • STIRRING DEVICE AND METHOD FOR MEASURING A PARAMETER OF A SUBSTANCE TO BE STIRRED

• DISPOSITIF DE BRASSAGE ET PROCEDE PERMETTANT DE MESURER UN PARAMETRE D'UNE SUBSTANCE A BRASSER

(71) AVANTIUM INTERNATIONAL B.V. [NL/NL]; Zekeringstraat 29, NL-1014 BV Amsterdam (NL).

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

(72, 75) NESBITT, Geoffrey, John [NL/NL]; Prins Hendrikweg 8, NL-6721 AD Bennekom (NL). BODENSTAFF, Emilio, René [NL/NL]; Vrouw Juttenland 45, NL-2611 LB Delft (NL).

(74) MERTENS, H., V.; 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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B01F 15/00, B28C 5/08

(11) WO 02/076596 (13) A1

(21) PCT/EP02/03473

(22) 27 Mar/mar 2002 (27.03.2002)

(25) de (26) de

(30) 101 15 313.9 28 Mar/mar 2001 DE (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MIXER LINING WITH ABRASION LAYER

• REVETEMENT DE MELANGEUR PRESENTANT UN CERTAIN PROFIL D'USURE

(71) BHS-SONTHOFEN MASCHINEN-UND ANLAGENBAU GMBH [DE/DE]; Hans-Böckler-Strasse 7, 87527 Sonthofen (DE).

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

(72, 75) SCHMANDRA, Angelo [DE/DE]; Hans-Böckler-Strasse 18, 87527 Sonthofen (DE). WILLMS, Eckhard [DE/DE]; Am Scheid 17, 87538 Obermaiselstein (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 VN YU ZA ZM ZW.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B01F 17/52, C11D 1/04, C09K 3/16, C08F 220/04, 220/10, 220/54, 222/02, 222/10, 222/38

(11) WO 02/076597 (13) A1

(21) PCT/JP02/02760

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-82299 22 Mar/mar 2001 JP (22.03.2001)

(30) 2001-357364 22 Nov/nov 2001 JP (22.11.2001)

(30) 2002-42730 20 Feb/fév 2002 JP (20.02.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SURFACTANT, PROCESS FOR PRODUCING THE SAME, AND USE THEREOF

• TENSIOACTIF ET PROCEDE DE PRODUCTION ET D'UTILISATION ASSOCIE

(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) SEINO, Yoshikatsu [JP/JP]; 1-1, Shingu-cho, Tokuyama-shi, Yamaguchi 745-0843 (JP). SHOENJI, Hideto [JP/JP]; 39-1, Kurokami 2-chome, Kumamoto-shi, Kumamoto 860-0862 (JP). MATSUO, Shigeru [JP/JP]; 1-1, Shingu-cho, Tokuyama-shi, Yamaguchi 745-0843 (JP).
- (74) OHTANI, Tamotsu et al. / etc.; TOMOE-CHO ANNEX-II 4F, 8-27, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CA 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 B01J 4/00, 8/06

(11) WO 02/076598 (13) A1

(21) PCT/RU02/00087

(22) 13 Mar/mar 2002 (13.03.2002)

(25) ru (26) ru

(30) 2001108156 26 Mar/mar 2001 RU (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR LOADING PARTICLES IN A TUBE OF A TUBULAR REACTOR

• PROCÉDE DE CHARGEMENT DE PARTICULES DANS LE TUBE D'UN REACTEUR TUBULAIRE

(71) INSTITUT KATALIZA IMENI G.K. BORESKOVA SIBIRSKOGO OTDELENIYA ROSSIISKOI AKADEMII NAUK [RU/RU]; pr. Akademika Lavrentieva, 5, Novosibirsk, 630090 (RU).

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

(72, 75) KLENOV, Oleg Pavlovich [RU/RU]; ul. Demakova, 10-60, Novosibirsk, 630128 (RU). NOSKOV, Aleksandr Stepanovich [RU/RU]; ul. Zvetnoi proezd, 9-14, Novosibirsk, 630090 (RU).

(74) INSTITUT KATALIZA IMENI G.K. BORESKOVA SIBIRSKOGO OTDELENIYA ROSSIISKOI AKADEMII NAUK; pr. Akademika Lavrentieva, 5, Novosibirsk, 630090 (RU).

(81) AE BG BY CA CN CZ DE DK GB IN JP KR NO NZ PL RU SE UA US UZ.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ B01J 8/10, 19/08, 19/18, B04B 5/12

(11) WO 02/076599 (13) A1

(21) PCT/RU02/00086

(22) 13 Mar/mar 2002 (13.03.2002)

(25) ru (26) ru

(30) 2001108157 26 Mar/mar 2001 RU (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR A HEAT SHOCK TREATMENT OF LOOSE MATERIALS

• DISPOSITIF ET PROCÉDE DE TRAITEMENT DES MATERIAUX PULVERULENTS PAR CHOC THERMIQUE

(71) INSTITUT KATALIZA IMENI G.K. BORESKOVA SIBIRSKOGO OTDELENIYA ROSSIISKOI AKADEMII NAUK [RU/RU]; pr. Akademika Lavrentieva, 5, Novosibirsk, 630090 (RU).

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

(72, 75) PINAKOV, Valery Ivanovich [RU/RU]; ul. Morskoi prospekt, 36-1, Novosibirsk, 630090 (RU). STOYANOVSKY, Oleg Ivanovich [RU/RU]; ul. Tereshkovi, 10-175, Novosibirsk, 630090 (RU).

GRINBERG, Boris Efimovich [RU/RU]; ul. Russkaya, 5-48, Novosibirsk, 630058 (RU).

DRYAB, Valentin Nikolaevich [RU/RU]; ul. Zhemchuzhnaya, 18-2, Novosibirsk, 630090 (RU).

PIKAREVSKY, Alexandr Alexandrovich [RU/RU]; ul. Tereshkovi, 24-4, Novosibirsk, 630090 (RU).

MESCHERYAKOV, Anatoly Alexandrovich [RU/RU]; ul. Tereshkovi, 6-36, Novosibirsk, 630090 (RU).

MAKAROV, Alexey Igorevich [RU/RU]; ul. Pervomaiskaya, 11-61, Berdsk, 630190 (RU).

TANASHEV, Yury Yuryevich [RU/RU]; ul. Russkaya, 11-217, Novosibirsk, 630058 (RU).

PARMON, Valentin Nikolaevich [RU/RU]; ul. Voevodskogo, 1-1, Novosibirsk, 630090 (RU).

(74) INSTITUT KATALIZA IMENI G.K. BORESKOVA SIBIRSKOGO OTDELENIYA ROSSIISKOI AKADEMII NAUK; pr. Akademika Lavrentieva, 5, Novosibirsk, 630090 (RU).

(81) BR BY CA CN CZ DE DK ES GB GE HR HU IL IN JP KR KZ MK MX NZ PL RO RU SE SG TJ TM TR UA US 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).

Published / Publiée : (c)

(51)⁷ B01J 8/22, C10G 2/00, C07C 1/04

(11) WO 02/076600 (13) A1

(21) PCT/US02/05230

(22) 15 Feb/fév 2002 (15.02.2002)

(25) en (26) en

(30) 09/818,437 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SLURRY CATALYST REJUVENATION IN-SITU IN SLURRY REACTOR

• REGENERATION DE CATALYSEUR DE BOUILLIE LIQUIDE IN-SITU DANS UN REACTEUR DE BOUILLIE LIQUIDE

(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(72) CULROSS, Claude, Clarence; 16027 Chantilly Avenue, Baton Rouge, LA 70817 (US).

(74) SIMON, Jay et al. / etc.; Exxon Research and Engineering Company, P.O. Box 900, Annandale, NJ 08801-0900 (US).

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

MN MW MX MZ NO NZ 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 B01J 8/22, C10G 2/00

(11) WO 02/076601 (13) A1

(21) PCT/US02/09525

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 09/818,277 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SLURRY BUBBLE COLUMN REACTOR

• REACTEUR A COLONNE A BULLES EN SUSPENSION

(71) SYNTROLEUM CORPORATION [US/US]; Suite 1100, 1350 South Boulder, Tulsa, OK 74119 (US).

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

(72, 75) AGEE, Kenneth, L. [US/US]; 13137 South Yorktown Avenue, Bixby, OK 74008 (US). WEICK, Larry, J. [US/US]; 4201 East 99th Street, Tulsa, OK 74137 (US).

(74) VICK, John, E., Jr.; Dority & Manning, PA, P.O. Box 1449, Greenville, SC 29602 (US).

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

Published / Publiée : (c)

(51)⁷ B01J 13/02

(11) WO 02/076602 (13) A1

(21) PCT/EP02/02754

(22) 13 Mar/mar 2002 (13.03.2002)

(25) de (26) de

(30) 01107149.5 22 Mar/mar 2001 EP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MICROCAPSULES (VII)

• MICROCAPSULES (VII)

(71) COGNIS IBERIA S.L. [ES/ES]; Polígono San Vicente, E-08755 Castellbisbal (ES).

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

(72, 75) VILADOT PETIT, Josep-Lluís [ES/ES]; Rbla. Poblenu 133, 2on-3a, E-08018 Barcelona (ES). DE MORAGAS, Maria [ES/ES]; Carrer Sant Narcis n° 28 Baixos, E-08310 Argentona (ES).

(74) FABRY, Bernd; Cognis Deutschland GmbH & Co. KG, CRT-IP, Postfach 13 01 64, 40551 Düsseldorf (DE).

(81) CN JP KR US.

Published / Publiée : (c)

(51)⁷ B01J 13/02

(11) WO 02/076603 (13) A1

(21) PCT/EP02/02819

(22) 14 Mar/mar 2002 (14.03.2002)

(25) de (26) de

(30) 01107158.6 22 Mar/mar 2001 EP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NANOCAPSULES
• NANOCAPSULES

(71) COGNIS IBERIA S.L. [ES/ES]; Poligono San Vicente, E-08755 Castellbisbal (ES). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) TACIES, Anna [ES/ES]; c/ Vallespir 157, 4°-3a, Barcelona (ES). COPETE VIDAL, Terese [ES/ES]; Avda. Pla del Vinyet, 79, 4°, 3a, Esc. B, E-08190 Sant Cugat del Vallès, Barcelona (ES). PI SUBIRANA, Rafael [ES/ES]; C/ Venezuela, 62, E-08400 Granollers (ES). VILADOT PETIT, Josep-Lluís [ES/ES]; Rbla. poblenu 133, 2on-3a, E-08018 Barcelona (ES).

(74) FABRY, Bernd; Cognis Deutschland GmbH & Co. KG, CRT-IP, Postfach 13 01 64, 40551 Düsseldorf (DE).

(81) CN JP KR US.

Published / Publiée : (c)

(51)⁷ B01J 13/02

(11) WO 02/076604 (13) A1

(21) PCT/EP02/02822

(22) 14 Mar/mar 2002 (14.03.2002)

(25) de (26) de

(30) 01107151.1 22 Mar/mar 2001 EP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MICROCAPSULES (VIII)
• MICROCAPSULES (VIII)

(71) COGNIS IBERIA S.L. [ES/ES]; Poligono San Vicente, E-08755 Castellbisbal (Barcelona) (ES). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) VILADOT PETIT, Josep-Lluís [ES/ES]; Rbla. poblenu 133, 2on-3a, E-08018 Barcelona (ES). DE MORAGAS, Maria [ES/ES]; Carrer Sant Narcis n° 28 baixos, E-08310 Argentona Barcelona (ES).

(74) FABRY, Bernd; Cognis Deutschland GmbH & Co. KG, CRT-IP, Postfach 13 01 64, 40551 Düsseldorf (DE).

(81) CN JP KR US.

Published / Publiée : (c)

(51)⁷ B01J 13/02, 13/04

(11) WO 02/076605 (13) A1

(21) PCT/EP02/03155

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 14 509.8 23 Mar/mar 2001 DE (23.03.2001)

(30) 101 14 513.6 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR PRODUCING ENCAPSULATIONS

• PROCEDE DE PRODUCTION DE CAPSULES

(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) WOLF, Florian [DE/DE]; Roonstr. 3, 37671 Hötzer (DE). MANSFELD, Gerd [DE/DE]; Am Büe 1, 37632 Eschershausen (DE). HARZKE, Falk [DE/DE]; Dammenworth 3, 37619 Bodenwerder (DE). EILERS, Jörg [DE/DE]; Hoher Pforte 5, 37619 Hehlen (DE). MÜLLER, Dirk [DE/DE]; Am Lahberg 4, 37586 Dassel (DE).

(74) MANN, Volker; 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 VN YU ZA ZM ZW.

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

Declaration / Déclaration :

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

(51)⁷ B01J 13/04, D06M 23/12

(11) WO 02/076606 (13) A1

(21) PCT/EP02/02734

(22) 13 Mar/mar 2002 (13.03.2002)

(25) de (26) de

(30) 01107157.8 22 Mar/mar 2001 EP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MILLICAPSULES

• MILLICAPSULES

(71) COGNIS IBERIA S. L. [ES/ES]; Poligono San Vicente, E-08755 Castellbisbal (ES). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) COPETE VIDAL, Terese [ES/ES]; C/Girona, 134, 4, 2, E-08037 Barcelona (ES). PI SUBIRANA, Rafael [ES/ES]; C / Venezuela, 62, E-08400 Granollers (ES). VILADOT PETIT, Josep-Lluís [ES/ES]; Rbla. Poblenu 133, 2on-3a, E-08018 Barcelona (ES). TACIES, Anna [ES/ES]; c/ Vallespir 157, 4°-3a, Barcelona (ES). DOMINGO, Marta [ES/ES]; Av. Coll de Portell 41, 5°-1a, E-08024 Barcelona (ES).

(74) FABRY, Bernd; Cognis Deutschland GmbH & Co. KG, CRT-IP, Postfach 13 01 64, 40551 Düsseldorf (DE).

(81) JP US.

Published / Publiée : (c)

(51)⁷ B01J 13/04, D06M 23/12

(11) WO 02/076607 (13) A1

(21) PCT/EP02/02823

(22) 14 Mar/mar 2002 (14.03.2002)

(25) de (26) de

(30) 01107160.2 22 Mar/mar 2001 EP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NANOCAPSULES (II)
• NANOCAPSULES (II)

(71) COGNIS IBERIA S. L. [ES/ES]; Poligono San Vicente, E-08755 Castellbisbal (ES). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) TACIES, Anna [ES/ES]; c/ Vallespir 157, 4°-3a, Barcelona (ES). COPETE VIDAL, Terese [ES/ES]; Avda. Pla del Vinyet, 79, 4°, 3a, Esc. B, E-08190 Sant Cugat del Vallès (ES). PI SUBIRANA, Rafael [ES/ES]; C/Venezuela 62, E-08400 Granollers (ES). VILADOT PETIT, Josep-Lluís [ES/ES]; Rbla. Poblenu 133, 2on-3a, E-08018 Barcelona (ES).

(74) FABRY, Bernd; Cognis Deutschland GmbH Co. KG, CRT-IP, Postfach 13 01 64, 40551 Düsseldorf (DE).

(81) JP US.

Published / Publiée : (c)

(51)⁷ B01J 19/00

(11) WO 02/076608 (13) A2

(21) PCT/EP02/02116

(22) 27 Feb/fév 2002 (27.02.2002)

(25) de (26) de

(30) 101 10 511.8 28 Feb/fév 2001 DE (28.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR PRODUCING AN ARRAY FOR DETECTING CONSTITUENTS FROM A BIOLOGICAL SAMPLE

• PROCEDE POUR PRODUIRE UN JEU ORDONNE D'ECHANTILLONS POUR DETECTER DES CONSTITUANTS DANS UN ECHANTILLON BIOLOGIQUE

- (71) **ATTOMOL MOLEKULARE DIAGNOSTIKA GMBH** [DE/DE]; Schulweg 6, 03205 Lipten (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEHMANN, Werner** [DE/DE]; Schulweg 6, 03205 Lipten (DE).
- (74) **ZIEBIG, Marlene, K. et al. / etc.**; Patentanwälte Gulde Hengelhaupt, Zieberg & Schneider, Schützenstrasse 15 - 17, 10117 Berlin (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B01J 19/28**
- (11) **WO 02/076609** (13) A1
- (21) PCT/AU02/00338
- (22) **20 Mar/mar 2002 (20.03.2002)**
- (25) en (26) en
- (30) **PR 3914** **22 Mar/mar 2001 AU (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • LIQUID PHASE REACTOR
• REACTEUR EN PHASE LIQUIDE
- (71) **CERAMIC FUEL CELLS LIMITED** [AU/AU]; 170 Browns Road, Noble Park, Victoria 3174 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOANG, Manh** [AU/AU]; 2 Sheldon Place, South Clayton, Victoria 3169 (AU).
- (74) **CURWEN, Julian, C. B. et al. / etc.**; 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B01J 23/00, C07C 29/00**
- (11) **WO 02/076610** (13) A1
- (21) PCT/JP02/02797
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) en (26) en
- (30) 2001-081783 **22 Mar/mar 2001 JP (22.03.2001)**
- (30) 60/278,421 **26 Mar/mar 2001 US (26.03.2001)**
- (30) 2001-373977 **7 Dec/déc 2001 JP (07.12.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CATALYST FOR PRODUCING BOTH END-HYDROXYL GROUP-TERMINATED DIOLS, PROCESS FOR PRODUCING THE CATALYST, PROCESS FOR PRODUCING THE DIOLS BY USING THE CATALYST, AND BOTH END-HYDROXYL GROUP-TERMINATED DIOLS OBTAINED BY THE PROCESS
• CATALYSEUR DE PRODUCTION DE DIOLS A TERMINAISON GROUPE HYDROXYLE AUX DEUX EXTREMITES, PROCEDE DE PRODUCTION DU CATALYSEUR, PROCEDE DE PRODUCTION DES DIOLS PAR UTILISATION DU CATALYSEUR ET DIOLS A TERMINAISON GROUPE HYDROXYLE AUX DEUX EXTREMITES OBTENUS PAR LE PROCEDE
- (71) **SHOWA DENKO K. K.** [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KADOWAKI, Yasushi** [JP/JP]; C/O OITA PLANT, SHOWA DENKO K.K., 2, Oaza Nakanosu, Oita-shi, Oita 870-0189 (JP). **KANEDA, Masato** [JP/JP]; C/O OITA PLANT, SHOWA DENKO K.K., 2, Oaza Nakanosu, Oita-shi, Oita 870-0189 (JP). **UCHIDA, Hiroshi** [JP/JP]; C/O OITA PLANT, SHOWA DENKO K.K., 2, Oaza Nakanosu, Oita-shi, Oita 870-0189 (JP).
- (74) **ISHIDA, Takashi et al. / etc.**; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **B01J 23/88, 27/192, 37/00, B2B8 3/20, C07C 27/12, 45/32, 47/22, 51/21, 57/05 // C07B 61/00**
- (11) **WO 02/076611** (13) A1
- (21) PCT/JP02/02941
- (22) **27 Mar/mar 2002 (27.03.2002)**
- (25) ja (26) ja
- (30) 2001-090321 **27 Mar/mar 2001 JP (27.03.2001)**
- (30) 2001-100319 **30 Mar/mar 2001 JP (30.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CATALYST FOR SYNTHESIZING UNSATURATED ALDEHYDE AND UNSATURATED CARBOXYLIC ACID, METHOD OF PREPARING THE SAME, AND METHOD OF SYNTHESIZING UNSATURATED ALDEHYDE AND UNSATURATED CARBOXYLIC ACID WITH THE CATALYST
• CATALYSEUR PERMETTANT DE SYNTHETISER DE L'ALDEHYDE ET DE L'ACIDE CARBOXYLIQUE INSATURES, PROCEDE DE PREPARATION AFFERENT, ET PROCEDE DE SYNTHETISATION D'ALDEHYDE ET D'ACIDE CARBOXYLIQUE INSATURES A L'AIDE DUDIT CATALYSEUR
- (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) **KONDO, Masahide** [JP/JP]; c/o Corporate Research Laboratories, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho, Otake-shi, Hiroshima 739-0693 (JP). **KAWATO, Seiichi** [JP/JP]; c/o Corporate Research Laboratories, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho, Otake-shi, Hiroshima 739-0693 (JP). **KURODA, Toru** [JP/JP]; c/o Corporate Research Laboratories, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho, Otake-shi, Hiroshima 739-0693 (JP).
- (74) **KANEDA, Nobuyuki et al. / etc.**; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) CN US.
-
- (51)⁷ **B01J 29/04, C07C 1/20, 11/02, C01B 37/06**
- (11) **WO 02/076612** (13) A1
- (21) PCT/US01/09263
- (22) **22 Mar/mar 2001 (22.03.2001)**
- (25) en (26) en
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METALLO ALUMINOPHOSPHATE MOLECULAR SIEVE WITH CUBIC CRYSTAL MORPHOLOGY AND METHANOL TO OLEFIN PROCESS USING THE SIEVE
• TAMIS MOLECULAIRE A BASE DE METALLO-ALUMINOPHOSPHATES PRESENTANT UNE MORPHOLOGIE CRISTALLINE CUBIQUE ET PROCESUS DE CONVERSION DE METHANOL EN OLEFINES METTANT EN OEUVRE UN TEL TAMIS
- (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) **BARGER, Paul, T.** [US/US]; c/o UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US). **WILSON, Stephen, T.** [US/US]; c/o UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US). **REYNOLDS, Thomas, M.** [US/US]; c/o

- UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US).
- (74) UOP LLC; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 B01J 31/00, 27/24, C08F 4/44, 4/80, C07D 233/00, 233/02, 233/54, 233/56, 233/58
- (11) WO 02/076613 (13) A1
- (21) PCT/US02/09273
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) en (26) en
- (30) 60/278,311 23 Mar/mar 2001 US (23.03.2001)
- (30) 60/288,680 3 May/mai 2001 US (03.05.2001)
- (30) unknown 1 Mar/mar 2002 US (01.03.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • HIGH ACTIVITY METAL CARBENE METATHESIS CATALYSTS GENERATED USING A THERMALLY ACTIVATED N-HETEROCYCLIC CARBENE PRECURSOR
- CATALYSEURS METALLIQUES DE METATHÈSE DE CARBÈNE À HAUTE ACTIVITÉ GÉNÉRÉS AU MOYEN D'UN PRECURSEUR DE CARBÈNE N-HÉTÉROCYCLIQUE ACTIVE DE MANIÈRE THERMIQUE
- (71) CALIFORNIA INSTITUTE OF TECHNOLOGY [US/US]; 1200 East California Boulevard, Pasadena, CA 92125 (US). CYMETECH, LLC [US/US]; 2629 State Hwy 75 South, Huntsville, TX 77340 (US).
- (72) BELL, Andrew; 1511 Lewis Drive, Lakewood, OH (US). GRUBBS, Robert, H.; 1700 Spruce Street, S.Pasadena, CA (US). MORGAN, John, P.; 2148 Crary Street, Pasadena, CA 91104 (US). MOORE, Jason, L.; 10 Bowden Road, Apt. E, Huntsville, TX (US).
- (74) JAFFER, David, H.; Pillsbury Winthrop LLP, 2550 Hanover Street, Palo Alto, CA 94304-1115 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B01L 3/02
- (11) WO 02/076615 (13) A2
- (21) PCT/IE02/00039
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (30) 09/816,326 26 Mar/mar 2001 US (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • LIQUID DROPLET DISPENSING
- DISTRIBUTION DE GOUTTELETTES LIQUIDES
- (71) ALLEGRO TECHNOLOGIES LIMITED [IE/IE]; Innovation Centre, O'Reilly Institute, Trinity College, Dublin 2 (IE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SHVETS, Igor [IE/IE]; 250 Delwood Road, Castleknock, Dublin 15 (IE). MAKAROV, Sergei [RU/IE]; 90 Anna Livia, Viking Harbour, Ushers Island, Dublin 8 (IE). SHVETS, Alexander [RU/IE]; 23 Roselawn Drive, Castleknock, Dublin 15 (IE). OSING, Jurgen [DE/IE]; 83 St James's Walk, Rialto, Dublin 8 (IE).
- (74) O'CONNOR, Donal, H. et al. / etc.; Cruickshank & Co., 1 Holles Street, Dublin 2 (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ 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 B02C 1/04, 1/10, E02F 3/96, 3/40
- (11) WO 02/076616 (13) A1
- (21) PCT/GB02/01279
- (22) 19 Mar/mar 2002 (19.03.2002)
- (25) en (26) en
- (30) 0107142.2 22 Mar/mar 2001 GB (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMMUNUTION MACHINE OR CRUSHER
- MACHINE DE FRAGMENTATION OU CONCASSEUR
- (71, 72) CRABBE, Robert, Anthony [GB/GB]; Mill Cottages, 35 Preston Crowmarsh, Benson, Oxon OX10 6SL (GB).
- (74) ROCK, Olaf, Colin; Rock and Company, Trelawn, Cassington, Witney OX29 4DN (GB).
- (81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EE GD GE GH GM HR HU ID IL IN 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 RO RU SD SG SI SK SL TJ TM 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).
- Published / Publiée : (c)
-
- (51)⁷ B02C 18/06, 18/44
- (11) WO 02/076617 (13) A1
- (21) PCT/DE02/01031
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) de (26) de
- (30) 101 13 953.5 22 Mar/mar 2001 DE (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DEVICE FOR SHREDDING PLASTIC STRUCTURES HAVING A LOW THICKNESS
- DISPOSITIF POUR BROYER DES PRODUITS EN MATIÈRE PLASTIQUE DE FAIBLE ÉPAISSEUR
- (71) TLT TRANSPORT-UND LAGERTECHNIK GMBH [DE/DE]; 24, Grossringer Strasse, 49824 Ringe (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WOELFLE, Paul [DE/DE]; 108, Heinrich-Klausmann-Strasse, 47809 Krefeld (DE).

(74) MÜLLER, Karl-Ernst et al. / etc.; 22, Turmstrasse, 40878 Ratingen (DE).

(81) JP US.

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

Published / Publiée : (c)

(51)⁷ B03C

(11) WO 02/076618 (13) A2

(21) PCT/US01/50006

(22) 31 Dec/déc 2001 (31.12.2001)

(25) en (26) en

(30) 09/813,497 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ADVANCED HYBRID PARTICULATE COLLECTOR AND METHOD OF OPERATION

• COLLECTEUR DE PARTICULES AVANCE HYBRIDE ET PROCEDE DE FONCTIONNEMENT

(71) ENERGY & ENVIRONMENTAL RESEARCH CENTER FOUNDATION, INC. [US/US]; 15 North 3rd St., PO Box 9018, Grand Forks, ND 58202-9018 (US).

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

(72, 75) MILLER, Stanley, J. [US/US]; 748 Great Plains Court, Grand Forks, ND 58201 (US).

(74) JOHNSON, Bruce, A.; Johnson & Associates, PO Box 90698-0698, Austin, TX 78709-0698 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 B03C 3/00, A61L 9/22

(11) WO 02/076619 (13) A1

(21) PCT/RU01/00247

(22) 21 Jun/juin 2001 (21.06.2001)

(25) ru (26) ru

(30) 2001107867 27 Mar/mar 2001 RU (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE FOR CLEANING AIR FROM DUST AND AEROSOLS

• DISPOSITIF D'EPURATION D'AIR PERMETTANT D'ELIMINER LA POUSSIERE ET LES AEROSOLS

(71) OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTJU "OBNOVLE-NIE" [RU/RU]; ul. Oktyabrskaya, 27-4, Orel, 302028 (RU).

(72, 75) KOTLYAR, Gennady Mikhailovich [RU/RU]; ul. Poleskaya, 51-52, Orel, 302028 (RU). SYSOEV, Ivan Vasilievich [RU/RU]; ul. Poleskaya, 55-195, Orel, 302028 (RU).

(74) FIRM "PATENT SERVICES CENTRE"; ul. Miklukho-Maklaya, 55a, Moscow, 117279 (RU).

(81) AE AL AM AT AU AZ BA BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LK LR 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) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ B03C 7/02

(11) WO 02/076620 (13) A1

(21) PCT/JP02/02878

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ja (26) ja

(30) 2001-89438 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR ELECTROSTATICALLY SEPARATING PARTICLES, APPARATUS FOR ELECTROSTATICALLY SEPARATING PARTICLES, AND PROCESSING SYSTEM

• PROCEDE DE SEPARATION ELECTROSTATIQUE DE PARTICULES, APPAREIL DE SEPARATION ELECTROSTATIQUE DE PARTICULES ET SYSTEME DE TRAITEMENT

(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) YOSHIYAMA, Eiji [JP/JP]; 1-6-40-306, Takakura-cho, Suma-ku, Kobe-shi, Hyogo 654-0074 (JP). SHIBATA, Yasunori [JP/JP]; 446-2, Inukai, Koderu-cho, Kanzaki-gun, Hyogo 679-2131 (JP). KINOSHITA, Tet-suhiro [JP/JP]; 3-44-38-20-503, Sakuragaoka, Higashiyamato-shi, Tokyo 207-0022 (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) 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 B04B 15/06

(11) WO 02/076621 (13) A1

(21) PCT/EP02/02990

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 101 14 598.5 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HORIZONTAL SOLID-BOWL CENTRIFUGE WITH CLEANING-IN-PLACE NOZZLES

• DECANTEUSE A AXE HORIZONTAL A BUSES DE NETTOYAGE SUR PLACE

(71) AVENTIS PHARMA DEUTSCHLAND GMBH [DE/DE]; Brüningstrasse 50, 65929 Frankfurt (DE).

(72) ASTHEIMER, Achim; Dresdner Strasse 36a, 65439 Flörsheim-Weilbach (DE). KRAEMER, Peter; Ahornweg 12, 65760 Eschborn (DE). SITTING, Wolfgang; Sulzbacher Weg 2, 65719 Hofheim (DE). UNGER, Bernhard; Fasanenweg 4, 65527 Niedernhausen (DE). ZWILLING, Frank; Waldenser Strasse 8, 64546 Mörfelden-Walldorf (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B04C 5/13

(11) WO 02/076622 (13) A1

(21) PCT/AU02/00347

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) PR 3992 26 Mar/mar 2001 AU (26.03.2001)

(30) PR 4724 2 May/mai 2001 AU (02.05.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPROVEMENTS IN AND RELATING TO HYDROCYCLONES

• AMELIORATIONS APPORTEES A DES HYDROCYCLONES

(71) WARMAN INTERNATIONAL LTD [AU/AU]; 1 Marden Street, Artarmon, New South Wales 2064 (AU).

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

(72, 75) ROGERS, Brian, Leslie [AU/AU]; 24 Albatross Circuit, Woronora Heights, New South Wales 2233 (AU). LAWRENCE, Kerry, John [AU/AU]; 21 Sheringham Retreat, Currumbine, Western Australia 6028 (AU). CASTRO, Oscar, Miguel [CL/CL]; Av. Consistorial 5410, Penalolen, 5410 Santiago (CL). YEXLEY, Paul, Martin [GB/GB]; 8 Wessex Road, Wilton, Salisbury, Wiltshire SP2 0LW (GB). PRZYBYLEK, Anthony, Ronald [US/US]; 334 Meadowside Drive, Verona, WI 53593 (US).

(74) SMEETON, Anthony, Richard; Davies Collison Cave, Level 10, 10 Barrack Street, Sydney, New South Wales 2000 (AU).

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

RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 B05B 1/32

(11) WO 02/076623 (13) A1

(21) PCT/JP02/02843

(22) 25 Mar/mar 2002 (25.03.2002)

(25) ja (26) ja

(30) 2001-91018 27 Mar/mar 2001 JP
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DROPLETS FORMING METHOD AND
DEVICE FOR DISCHARGING CON-
STANT-VOLUME DROPLETS

• PROCEDE DE FORMATION DE GOUT-
TELETTES ET DISPOSITIF DE DIFFU-
SION DE GOUTTELETTES A VOLUME
CONSTANT

(71) MUSASHI ENGINEERING, INC. [JP/JP];
1-11-6, Iguchi, Mitaka-Shi, Tokyo 181-0011
(JP).

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

(72, 75) IKUSHIMA, Kazumasa [JP/JP]; c/o
Musashi Engineering, Inc., 8-7-4, Shimoren-
jaku, Mitaka-Shi, Tokyo 181-0013 (JP).

(74) SUDO, Asako et al. / etc.; 5-6-3-103, Ka-
jino-Cho, Koganei-Shi, Tokyo 184-0002 (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 B05B 7/10, 1/00, 7/00

(11) WO 02/076624 (13) A1

(21) PCT/RU02/00108

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 2001107433 22 Mar/mar 2001 RU
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LIQUID SPRAYERS

• PULVERISATEURS DE LIQUIDE

(71, 72) DUSHKIN, Andrey, L. [RU/RU];
ul. Scherbakovskaya, 54-191, Moscow,
105187 (RU). KARPYSHEV, Alexander,
V. [RU/RU]; Olimpiyskiy prospekt, 28-435,
Moscow, 129272 (RU).

(74) MELYAN, Alexander, R.; G-467, a/ya 58,
Moscow, 121467 (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 CH CY DE DK ES

FI FR GB GR IE 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)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B05B 7/32, 9/06

(11) WO 02/076625 (13) A1

(21) PCT/ES01/00414

(22) 2 Nov/nov 2001 (02.11.2001)

(25) es (26) es

(30) P200100673 22 Mar/mar 2001 ES
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND SYSTEM FOR THE
DIRECT INJECTION AND DOSING OF
ACTIVE MATERIALS INTENDED FOR
PHYTOSANITARY PRODUCT APPLI-
CATORS

• PROCEDE ET SYSTEME DE DOSAGE
ET D'INJECTION DIRECTE DE SUB-
STANCES ACTIVES DESTINEES A
DES APPLICATEURS DE PRODUITS
PHYTOSANITAIRES

(71) ANJUS2, SL [ES/ES]; Rambla Generalitat,
1, E-25100 Almacelles (ES).

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

(72, 75) PALACIN ROCA, Jordi [ES/ES];
Ctra. Nacional, 240 Km. 110, E-25100
Almacelles (ES). ZANUY FONTANET,
Carles [ES/ES]; Ctra. Nacional, 240 Km.
110, E-25100 Almacelles (ES). ARNO
SATORRA, Jaume [ES/ES]; Ctra. Na-
cional, 240 Km. 110, E-25100 Almacelles
(ES).

(74) MANRESA VAL, Manuel; Rambla
Catalunya, 32, E-08007 Barcelona (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ 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 B05B 11/00

(11) WO 02/076626 (13) A1

(21) PCT/EP02/01885

(22) 22 Feb/fév 2002 (22.02.2002)

(25) de (26) de

(30) 101 08 486.2 22 Feb/fév 2001 DE
(22.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DISPENSING DEVICE FOR FLUIDS

• DISPOSITIF DE DISTRIBUTION POUR
FLUIDES

(71, 72) PADAR, Steven [US/DE]; Theresen-
strasse 17, 65779 Kelkheim (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 B05B 11/00

(11) WO 02/076627 (13) A1

(21) PCT/KR01/00910

(22) 30 May/mai 2001 (30.05.2001)

(25) ko (26) en

(30) 2001/0015217 23 Mar/mar 2001 KR
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FINGER-OPERATED SPRAY PUMP
EJACULATING FLUID IN FIXED
QUANTITY

• ATOMISEUR ACTIONNE PAR LE
DOIGT DECHARGEANT DU LIQUIDE
EN QUANTITE FIXE

(71) CHONG WOO CO., LTD. [KR/KR];
159B-6L, Namdong Ind., 729-8, Go-
jan-Dong, Namdong-Gu, Incheon 405-310
(KR).

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

(72, 75) LEE, Chung Kee [KR/KR]; 1418-604,
Mogdong Apt., Shinjeong6-Dong, Yang-
chon-Gu, Seoul 158-076 (KR).

(74) SOHN, Chang, Kyu; 4F., Halla Bldg,
641-17, Yoksam-dong, Kangnam-gu, Seoul
135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ 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 B05B 15/12, 13/00

(11) WO 02/076628 (13) A1

(21) PCT/EP02/03350

(22) 25 Mar/mar 2002 (25.03.2002)

(25) de (26) de

(30) 01106490.4 26 Mar/mar 2001 EP
(26.03.2001)

(30) 201 13 006.8 4 Aug/aouût 2001 DE
(04.08.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR APPLYING A COATING AGENT
• PROCEDE POUR L'APPLICATION D'UN AGENT DE REVETEMENT
- (71) NANOCOATING GMBH [DE/DE]; Zweigertstrasse 12, 45130 Essen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BROCK, Werner [DE/DE]; Finkenweg 41, 58730 Fröndenberg (DE).
- (74) ROX, Thomas; Cohausz & Florack, Kanzlerstrasse 8a, 40472 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B05B 15/12, B01D 47/10
(11) WO 02/076629 (13) A1
(21) PCT/US02/08631
(22) 19 Mar/mar 2002 (19.03.2002)
(25) en (26) en
(30) 60/277,856 22 Mar/mar 2001 US (22.03.2001)
(30) 10/093,334 7 Mar/mar 2002 US (07.03.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SCRUBBER FOR PAINT SPRAYING BOOTHS
• DISPOSITIF DE LAVAGE POUR CABINES DE PULVERISATION DE PEINTURE
- (71) DURR INDUSTRIES, INC. [US/US]; 40600 Plymouth Road, Plymouth, MI 48170 (US).
- (72) KLOBUCAR, Joseph, M.; 1363 E. Fisher #5, Detroit, MI 48207 (US). YU, Guang; 17406 Cedar Lake Circle, Northville, MI 48167 (US). PAKKALA, James, L.; 15132 Nola, Livonia, MI 48154 (US). HUSSEY, Hugh, F.; 24474 Simmons Drive, Novi, MI 48374 (US).
- (74) DEGRAZIA, Gregory, D. et al. / etc.; Howard & 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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B05D 5/00
(11) WO 02/076631 (13) A2
(21) PCT/EP02/03261
(22) 22 Mar/mar 2002 (22.03.2002)
(25) de (26) de
(30) 101 14 306.0 23 Mar/mar 2001 DE (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMPOSITE LAYER AND METHOD FOR PRODUCING SAID COMPOSITE LAYER
• COUCHE DE COMPOSITE ET SON PROCEDE DE PRODUCTION
- (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) JUNG, Thomas [DE/DE]; Im Kamp 14, 38173 Hötzum (DE).
- (74) PFENNING, MEINIG & PARTNER GBR; Mozartstrasse 17, 80336 München (DE).
- (81) JP US.
-
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ B05D 5/06, G02C 7/02, 7/10
(11) WO 02/076632 (13) A1
(21) PCT/US02/06730
(22) 6 Mar/mar 2002 (06.03.2002)
(25) en (26) en
(30) 09/814,174 21 Mar/mar 2001 US (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • LENS WITH PHOTOCHROMIC ELASTOMER FILM AND METHOD OF MAKING IT
• LENTILLE REVETUE D'UN FILM ELASTOMERE PHOTOCHROMIQUE ET PROCEDE DE FABRICATION DE CELLE-CI
- (71) INVICTA CORPORATION [US/US]; 1121 Holland Drive, Suite #32, Boca Raton, FL 33487 (US).
- (72) DEROJAS, Agustin, Alberto; 3250 NE 4th Avenue, Boca Raton, FL 33431 (US). THANGAMATHESVARAN, Pallapalayam, Muthusamy; 1160 South Rogers Circle, Boca Raton, FL 33431 (US).
- (74) WATT, Rachel, S. et al. / etc.; Proskauer Rose LLP, Patent Department, 1585 Broadway, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B05D 5/08, A61C 1/00, 1/16, A61B 19/00
(11) WO 02/076633 (13) A1
(21) PCT/EP02/03392
(22) 26 Mar/mar 2002 (26.03.2002)
(25) de (26) de
(30) 101 14 657.4 26 Mar/mar 2001 DE (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COATING FOR A HANDLE
• REVETEMENT POUR PIECE A MAIN
- (71) KALTENBACH & VOIGT GMBH & CO. [DE/DE]; Bismarckring 39, 88400 Biberach/Riss (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAYSER, Oliver [DE/DE]; Maarweg 2, 53797 Lohmar/Neuhonrath (DE). EIBOFNER, Eugen [DE/DE]; Vordere Au 13, 88400 Biberach (DE). LINGENHÖLE, Bernhard [DE/DE]; Amselweg 8, 88447 Warthausen (DE).
- (74) SCHMIDT-EVERS, Jürgen; Mitscherlich & Partner, Sonnenstrasse 33, 80331 München (DE).

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

Published / Publiée : (c)

(51)⁷ B05D 7/00

(11) WO 02/076634 (13) A2

(21) PCT/EP02/03214

(22) 22 Mar/mar 2002 (22.03.2002)

(25) de (26) de

(30) 101 14 968.9 27 Mar/mar 2001 DE
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR PRODUCING LAYERS FROM SOLUTIONS OR DISPERSIONS ON THERMOSENSITIVE SUBSTRATES

• PROCEDE DE PRODUCTION DE COUCHES A BASE DE SOLUTIONS OU DE DISPERSIONS SUR DES SUBSTRATS THERMOSENSIBLES

(71, 72) SEIBEL, Markus [DE/DE]; Am Rosengarten 16, 55131 Mainz (DE).

(74) WERNER, Hans-Karsten et al. / etc.; Postfach 10 22 41, 50462 Köln (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B05D 7/24

(11) WO 02/076635 (13) A2

(21) PCT/EP02/03179

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 14 469.5 24 Mar/mar 2001 DE
(24.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SCRATCH-RESISTANT FINISH FOR COATED SUBSTRATES

• REVETEMENT RESISTANT A L'ABRASION POUR SUBSTRATS ENDUITS

(71) VOESTALPINE STAHL GMBH [AT/AT]; Voest-Alpine-Str. 3, A-4031 Linz (AT). THYSSENKRUPP STAHL AG [DE/DE]; Kaiser-Wilhelm-Str. 100, 47166 Duisburg (DE). FRIEDRICH-ALEXANDER-UNIVERSITÄT ERLANGEN-NÜRNBERG [DE/DE]; Schlossplatz 4, 91054 Erlangen (DE).

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

(72, 75) BETZ, Peter [DE/DE]; Am Roggenkamp 172, 48165 Münster (DE). GRUNDMEIER, Guido [DE/DE]; Nassauer Weg 25, 40229 Düsseldorf

(DE). STRATMANN, Martin [DE/DE]; Dörperweg 6, 40670 Meerbusch (DE).

(74) MÜNCH, Volker; 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B07B 1/52, 1/15

(11) WO 02/076636 (13) A1

(21) PCT/EP02/00861

(22) 28 Jan/jan 2002 (28.01.2002)

(25) de (26) de

(30) 101 14 957.3 27 Mar/mar 2001 DE
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SCRAPER RAKE FOR A DISC-SCREEN AND SHAFT CLEANING DEVICE

• RATEAU RACLEUR POUR DISPOSITIF DE NETTOYAGE D'ARBRE ET DE DISQUES DE TAMISAGE

(71) EUREC TECHNOLOGY GMBH [DE/DE]; Borntalstrasse 9, 36460 Merkers/Thür. (DE).

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

(72, 75) KOTTMANN, Norbert [DE/DE]; Eisenacher Strasse 48, 36277 Schenkklengsfeld (DE).

(74) KRUSPIG, Volkmar 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B07C

(11) WO 02/076637 (13) A2

(21) PCT/SI02/00005

(22) 14 Mar/mar 2002 (14.03.2002)

(25) de (26) de

(30) P-200100079 21 Mar/mar 2001 SI
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR THE CONTROLLED MANUAL SORTING OF MUNICIPAL REFUSE

• PROCEDE DE TRI MANUEL CONTROLE DE DECHETS COMMUNAUX

(71, 72) IVACIC, Marijan [SI/SI]; Zdolska 11, 8270 Krsko (SI).

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

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

(51)⁷ B07C 3/00

(11) WO 02/076638 (13) A1

(21) PCT/EP02/00698

(22) 24 Jan/jan 2002 (24.01.2002)

(25) de (26) de

(30) 01107338.4 24 Mar/mar 2001 EP
(24.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR FILLING AND AUTOMATICALLY TRANSPORTING RECEIVING CONTAINERS FOR SORTING PRODUCTS

• PROCEDE ET DISPOSITIF DE REMPLISSAGE ET D'EVACUATION AUTOMATIQUE DE CONTENANTS DE RECEPTION DE PRODUITS DE TRI

(71) SIEMENS SCHWEIZ AG [CH/CH]; Albisriederstrasse 245, CH-8047 Zürich (CH).

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

(72, 75) BOLLER, Manfred [DE/DE]; Marktweg 5, 79801 Hohentengen (DE). MAIER, Wilhelm [CH/CH]; Neufeldstrasse 13b, CH-5430 Wettingen (CH).

(74) FISCHER, Michael; c/o Siemens AG, Postfach 22 16 34, 80506 München (DE).

(81) CA JP NO US.

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

(51)⁷ B08B 3/02

(11) WO 02/076639 (13) A1

(21) PCT/US01/12440

(22) 17 Apr/avr 2001 (17.04.2001)

(25) en (26) en

(30) 09/814,262 21 Mar/mar 2001 US
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ROTATIVE CLEANING AND SANITIZING DEVICE

• DISPOSITIF ROTATIF DE NETTOYAGE ET DE DESINFECTATION

(71, 72) LEBLOND, Danny [CA/US]; P.O. Box 1964, Honokaa, HI 96727 (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 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 B08B 3/02, C23C 16/00, B44C 1/22

(11) WO 02/076640 (13) A1

(21) PCT/US02/09049

(22) 8 Mar/mar 2002 (08.03.2002)

(25) en (26) en

(30) 09/818,042 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • VERTICAL PROCESS REACTOR

• REACTEUR DE TRAITEMENT VERTICAL

(71) SEMITOOL, INC. [US/US]; 655 West Reserve Drive, Kalispell, MT 59901 (US).

(72) SCRANTON, Dana, R.; 655 West Reserve Drive, Kalispell, MT 59901 (US).

(74) OHRINER, Kenneth, H.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B08B 9/027, 9/08

(11) WO 02/076641 (13) A2

(21) PCT/EP02/02458

(22) 22 Jan/jan 2002 (22.01.2002)

(25) en (26) en

(30) 2001-12663 22 Jan/jan 2001 JP (22.01.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CLEANING APPARATUS AND CLEANING METHOD

• DISPOSITIF ET PROCEDE DE NETTOYAGE

(71) L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

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

(72, 75) LETESSIER, Olivier [FR/FR]; 11 rue de Lunain, 75014 Paris (FR). GIRARD, JEAN-MARC [FR/JP]; 2-24-02 Matsushiro, Tsukuba, Ibaraki Prefecture (JP). NASU, Akinobu [JP/JP]; #305 Mishimaya Mansion, 139-02 Akatsuka, Tsukuba, Ibaraki Prefecture (JP). XU, Mindi [US/US]; 1082 Challdon Ct., Napperville, IL 60540 (US).

(74) VESIN, Jacques et al. / etc.; L'Air Liquide S.A., 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

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

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

(51)⁷ B08B 9/04, 9/20, 7/04, G05D 11/00

(11) WO 02/076642 (13) A1

(21) PCT/BR01/00158

(22) 21 Dec/déc 2001 (21.12.2001)

(25) en (26) en

(30) 0105009-5 28 Feb/fév 2001 GB (28.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR INSERTION OF A RIGID PIG INTO A FLOW PIPE

• PROCEDE ET DISPOSITIF PERMETTANT A UN RACLEUR RIGIDE DE PASSER DANS UN CONDUIT D'ECOULEMENT QUI NECESSITE L'UTILISATION D'UN DISPOSITIF CREUX D'ETRANGLEMENT DE L'ECOULEMENT

(71) PETROLEO BRASILEIRO S.A. - PETROBRAS [BR/BR]; Avenida República do Chile, 65, CEP-20035-900 Rio de Janeiro, RJ (BR).

(72) RESENDE DE ALMEIDA, Alcino; Rua Mariz e Barros, 572 Apto. 505, Rio de Janeiro, RJ (BR).

(74) AVILA, Mario, L., N.; Petrobras/Cenpes/Se/Pi, Cidade Universitária, Quadra 07, Ilha do Fundão, CEP-21949-900 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 GD GE GH GM HR HU ID IL IN 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).

Published / Publiée : (c)

(51)⁷ B08B 15/02, B23Q 11/00

(11) WO 02/076643 (13) A1

(21) PCT/FI02/00269

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 20010630 27 Mar/mar 2001 FI (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND ARRANGEMENT FOR REMOVING IMPURITIES

• PROCEDE ET DISPOSITIF D'ELIMINATION DES IMPURETES

(71, 72) VANHALA, Markku [FI/FI]; Keskuskatu 17 B 7, FIN-48100 Kotka (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

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

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

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ B21B 1/22, 13/02, 31/32

(11) WO 02/076644 (13) A1

(21) PCT/RU01/00481

(22) 14 Nov/nov 2001 (14.11.2001)

(25) ru (26) ru

(30) 2001108349 28 Mar/mar 2001 RU (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ROLLING METHOD, A ROLL MILL AND A SCREW-DOWN STRUCTURE

• PROCEDE DE LAMINAGE, LAMINOIR ET DISPOSITIF PRESSEUR POUR LAMINOIR

(71) OTKRYTOE AKTSIONERNOE OBSHCHESTVO "SEVERSTAL" [RU/RU]; ul. Mira, 30, Cherepovets, Vologodskaya obl., 162600 (RU).

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

(72, 75) STEPANOV, Alexandr Alexandrovich [RU/RU]; ul. Lenina, 36-69, Cherepovets, Vologodskaya obl., 162600 (RU). DELJUSTO, Lev Georgievich [RU/RU]; ul. Pervomaiskaya, 33-9, Cherepovets, Vologodskaya obl., 162612 (RU). ABRAMENKO, Viktor Ivanovich [RU/RU];

pr. Pobedy, 79-37, Cherepovets, Vologodskaya obl., 162600 (RU). **KOCHI, Gennady Leonidovich** [RU/RU]; ul. Vologodskaya, 11-23, Cherepovets, Vologodskaya obl., 162600 (RU). **ARTJUSHECHKIN, Alexandr Viktorovich** [RU/RU]; Oktyabrsky pr., 42-211, Cherepovets, Vologodskaya obl., 162600 (RU). **SOROKIN, Alexandr Mikhailovich** [RU/RU]; ul. Belyaeva, 51-18, Cherepovets, Vologodskaya obl., 162600 (RU). **NAUMCHENKO, Vladislav Petrovich** [RU/RU]; ul. Lunacharskogo, 30-8, Cherepovets, Vologodskaya obl., 162600 (RU).

(74) **PINCHUK, Jury Vasilievich**; OOO "Sojuzpatent", ul. Iliinka, 5/2, Moscow, 103735 (RU).

(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 B21B 31/07, F16J 15/32

(11) WO 02/076645 (13) A1

(21) PCT/EP02/02119

(22) 28 Feb/fév 2002 (28.02.2002)

(25) de (26) de

(30) 101 13 869.5 21 Mar/mar 2001 DE (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SEALING DEVICE FOR ROLL BEARINGS WITH COMPENSATION FOR RADIAL OFFSET

• DISPOSITIF D'ETANCHEITE POUR PALIER DE LAMINOIR A COMPENSATION DU DECALAGE RADIAL

(71) **SMS DEMAG AKTIENGESELLSCHAFT** [DE/DE]; Eduard-Schloemann-Str. 4, 40237 Düsseldorf (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KELLER, Karl** [DE/DE]; Auf der Hütte 12, 57271 Hilchenbach (DE). **ROEINGH, Konrad** [DE/DE]; Auf der Heide 1, 57271 Hilchenbach (DE).

(74) **VALENTIN, Ekkehard**; Valentin, Gihnske, Grosse, Hammerstrasse 2, 57072 Siegen (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B21C 37/04, B21H 3/02, 8/00, E21D 20/02

(11) WO 02/076646 (13) A1

(21) PCT/AU02/00349

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) PR 3891 22 Mar/mar 2001 AU (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPROVEMENTS IN AND RELATING TO ROCK BOLTING

• AMELIORATIONS APPORTEES AU SOUTÈNEMENT PAR BOULONS D'ANCRAGE

(71) **CELTITE PTY LTD** [AU/AU]; 61 Baxter Road, Mascot, New South Wales 2020 (AU). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUNT, Neil, Stewart** [GB/AU]; 11 Eskdale Close, New Lambton Heights, New South Wales 2305 (AU).

(74) **MORCOM, Norman, Bruce et al.** / etc.; Morcom Pernat, Suite 2, 334 Highbury Road, Mount Waverley, Victoria 3149 (AU).

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

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

(51)⁷ B21C 49/00

(11) WO 02/076647 (13) A1

(21) PCT/GB02/01198

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 0107621.5 27 Mar/mar 2001 GB (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • STRIP ACCUMULATOR

• ACCUMULATEUR DE BANDE

(71) **CORUS UK LIMITED** [GB/GB]; 30 Millbank, London SW1 4WY (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **O'HARE, Sean** [GB/GB]; 9 Bryngoleu Terrace, Sketty, Swansea SA2 9DW (GB).

(74) **FRY, Alan, Valentine et al.** / etc.; Fry Heath & Spence, The Old College, 53 High Street, Horley, Surrey RH6 7BN (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B21C 51/00, C22C 21/00, C22B 7/00, 21/00

(11) WO 02/076648 (13) A1

(21) PCT/CA02/00431

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/818,482 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF APPLYING MARKING AGENT TO ALUMINUM SHEET FOR SCRAP SORTING PURPOSES

• PROCÈDE D'APPLICATION D'UN AGENT DE MARQUAGE SUR UNE FEUILLE D'ALUMINIUM AFIN DE FACILITER LE TRI DES DECHETS

(71) **ALCAN INTERNATIONAL LIMITED** [CA/CA]; 1188 Sherbrooke Street West, Montreal, Québec H3A 3G2 (CA).

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(72, 75) **CHARLES, David, F.** [CA/US]; 27971 Copper Creek Lane, Farmington Hills, MI 48331 (US). **COURVAL, Greg, J.** [CA/CA]; 1317 County Road 1 East, R.R.#7, Napanee, Ontario K7R 3L2 (CA). **THOMAS, Michael, P.** [GB/US]; 31101 Pine Cone Drive, Farmington Hills, MI 48331 (US). **WHEELER, Michael, J.** [CA/CA]; 136 Bagot Street, Kingston, Ontario K7L 3E5 (CA). **WILSON, Ian** [GB/GB]; 10 Homestead Road, Banbury, Oxfordshire OX16 9TW (GB).

(74) **EADES, Norris, M. et al.** / etc.; Kirby Eades Gale Baker, Box 3432, Station D, Ottawa, Ontario K1P 6N9 (CA).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B21D 1/02

(11) WO 02/076649 (13) A1

(21) PCT/EP02/01045

(22) 1 Feb/fév 2002 (01.02.2002)

(25) de (26) de

(30) 101 13 664.1 21 Mar/mar 2001 DE (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PRE-STRAIGHTENING MACHINE FOR STRAIGHTENING, IN PARTICULAR, THE BEGINNING AND END OF ROLLED METAL STRIPS OR SHEET METAL STRIPS

• MACHINE A PRE-DRESSER POUR DRESSER EN PARTICULIER LE DEBUT ET LA FIN DE TOLES OU DE BANDES METALLIQUES LAMINEES

(71) **SMS DEMAG AKTIENGESELLSCHAFT** [DE/DE]; Eduard Schloemann-Str. 4, 40237 Düsseldorf (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE KOCK, Peter** [DE/DE]; Storskamp 29, 46117 Oberhausen (DE). **SOHL, Ralf-Hartmut** [DE/DE]; Rennpatt 9, 42697 Solingen (DE).

(74) **VALENTIN, Ekkehard**; Valentin, Gihske, Grosse, Hammerstrasse 2, 57072 Siegen (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B21D 39/06, 53/88, F01N 7/18

(11) WO 02/076650 (13) A1

(21) PCT/NZ02/00039

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 510774 27 Mar/mar 2001 NZ (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PLATE AND TUBE JOIN AND METHOD

• ASSEMBLAGE D'UNE PLAQUE A UN TUBE ET PROCEDE APPROPRIE

(71, 72) **SANDERSON, Ronald, Malcolm, Bond** [NZ/NZ]; 8 Euclid Grove, Lower Hutt (NZ).

(74) **WEST-WALKER, Gregory, J. et al. / etc.**; A J Park, 6th Floor Huddart Parker Building, 1 Post Office Square, Post Office Square, P.O. Box 949 (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 CH CY DE DK ES FI FR GB GR IE 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 B21F 3/02, F16B 37/12, B21F 45/16

(11) WO 02/076651 (13) A1

(21) PCT/US02/08709

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/815,799 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COLD HEAD STAMPED FASTENER INSERTS INCLUDING SELECTIVELY REMOVABLE TANGS

• DISPOSITIFS D'ATTACHE ESTAMPES A FROID COMPORTANT DES TENONS AMOVIBLES DETERMINES

(71) **EMHART LLC** [US/US]; Drummond Plaza Office Park, 1423 Kirkwood Highway, Newark, DE 19711 (US).

(72) **GIANNAKAKOS, William**; 8 sil-Cam Drive, Danbury, CT 06811 (US). **CARVALHO, John, F.**; 7 Flintlock, Danbury, CT 06811 (US). **ZITNAY, Roger**; 512 Sport Hill Road, Easton, CT 06612 (US). **FERREIRA, J., Peter**; 61 Purcell Drive, Danbury, CT 06810 (US).

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

(81) JP.

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

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ B21K 1/06, B60B 35/08

(11) WO 02/076652 (13) A1

(21) PCT/SE02/00501

(22) 18 Mar/mar 2002 (18.03.2002)

(25) sv (26) en

(30) 0101046-1 23 Mar/mar 2001 SE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HOLLOW CONSTRUCTION ELEMENT AND METHOD OF PRODUCING

• ELEMENT DE CONSTRUCTION CREUX ET SON PROCEDE DE PRODUCTION

(71) **VOLVO LASTVAGNAR AB** [SE/SE]; S-405 08 Göteborg (SE).

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(72, 75) **PETERSEN, Stefan** [SE/SE]; Nilssonsberg 17, S-411 43 Göteborg (SE). **FUKS, Leon** [SE/SE]; Fjällbruden 186, S-424 50 Angered (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 CH CY DE DK ES FI FR GB GR IE IT 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 B21K 7/12, B21J 7/18, 9/00, B62D 3/12

(11) WO 02/076653 (13) A1

(21) PCT/AU02/00331

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) PR 3913 22 Mar/mar 2001 AU (22.03.2001)

(30) PR 4340 11 Apr/avr 2001 AU (11.04.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR MANUFACTURE OF A FORGED RACK

• PROCEDE ET APPAREIL DE FABRICATION D'UNE CREMAILLERE FORGEE

(71) **BISHOP INNOVATION LIMITED** [AU/AU]; 10 Waterloo Road, North Ryde, NSW 2113 (AU).

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(72, 75) **MCLEAN, Lyle, John** [AU/AU]; 62 Boundary Road, Oakville, NSW 2765 (AU).

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

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

(51)⁷ B22D 11/00, 11/12, 11/124, B21B 19/04

(11) WO 02/076654 (13) A1

(21) PCT/JP02/02756

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-90890 27 Mar/mar 2001 JP (27.03.2001)

(30) 2002-40741 18 Feb/fév 2002 JP (18.02.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR MANUFACTURING SEAMLESS STEEL PIPE

• PROCEDE DE FABRICATION D'UN TUBE EN ACIER SANS SOUDURE

(71) **KAWASAKI STEEL CORPORATION** [JP/JP]; 1-28, Kitahonmachidori 1-chome, Chuo-ku, Kobe-shi, Hyogo 651-0075 (JP).

(72) **TOYOOKA, Takaaki**; c/o Chita Works, KAWASAKI STEEL CORPORATION, 1, Kawasakicho 1-chome, Handa-shi, Aichi 475-8611 (JP). **MIYATA, Yukio**; c/o Chita Works, KAWASAKI STEEL CORPORATION, 1, Kawasakicho 1-chome, Handa-shi, Aichi 475-8611 (JP). **KIMURA, Mitsuo**; c/o Chita Works, KAWASAKI STEEL CORPORATION, 1, Kawasakicho 1-chome, Handa-shi, Aichi 475-8611 (JP). **ITOYAMA, Seiji**; c/o Technical Research Laboratories, KAWASAKI STEEL CORPORATION, 1, Kawasakicho, Chuo-ku, Chiba-shi, Chiba 260-0835 (JP). **KISHIMOTO, Yasuo**; c/o Technical Research Laboratories, KAWASAKI STEEL CORPORATION, 1, Kawasakicho, Chuo-ku, Chiba-shi, Chiba 260-0835 (JP). **NISHIKOORI, Masanori**; c/o Chita Works, KAWASAKI STEEL CORPORATION, 1, Kawasakicho, Chuo-ku, Chiba-shi, Chiba 260-0835 (JP). **TAWARA, Eiji**; c/o Chita Works, KAWASAKI STEEL CORPORATION, 1, Kawasakicho, Chuo-ku, Chiba-shi, Chiba 260-0835 (JP). **OZAKI, Seiji**; c/o Chita Works, KAWASAKI STEEL

CORPORATION, 1, Kawasaki-cho 1-chome, Handa-shi, Aichi 475-8611 (JP).

(74) **OCHIAI, Kenichiro**; c/o Tokyo Head Office, Kawasaki Steel Corporation, Hi-biya Kokusai Building, 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(81) BR MX.

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

(51)⁷ B22D 11/06, 11/126

(11) WO 02/076655 (13) A1

(21) PCT/IB02/00888

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) UD2001A000058 26 Mar/mar 2001 IT (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD TO SHEAR A STRIP DURING THE CASTING STEP

• PROCEDE DE CISAILLAGE D'UNE BANDE METALLIQUE PENDANT LA PHASE DE COULEE

(71) **DANIELI & C. OFFICINE MECCANICHE SPA** [IT/IT]; Via Nazionale, I-33042 Buttrio (IT).

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

(72, 75) **POLONI, Alfredo** [IT/IT]; Via General Paolini, 29, I-34070 Fogliano Di Redipuglia (IT). **KAPAJ, Nuredin** [AL/IT]; Via Caprera, 7, I-33100 Udine (IT).

(74) **PETRAZ, Gilberto**; GLP Srl, Piazzale Cavedalis, 6/2, I-33100 Udine (IT).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B22D 11/10, C21C 7/10, B22D 37/00

(11) WO 02/076656 (13) A1

(21) PCT/EP02/03270

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) TO2001A000288 27 Mar/mar 2001 IT (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • APPARATUS FOR TRANSFERRING LIQUID METALS FROM A COLLECTION CONTAINER TO A RECEIVING CONTAINER

• INSTALLATION DE TRANSFERT DE METAUX LIQUIDES D'UN RECIPIENT COLLECTEUR DANS UN RECIPIENT RECEPTEUR

(71) **TEKSID S.P.A** [IT/IT]; Via Pianezza 123, I-10151 Torino (IT).

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(72, 75) **MANCUSI, Andrea** [IT/IT]; Corso Roma 21/2, I-10022 Carmagnola (IT).

(74) **RAMBELLI, Paolo et al.** / etc.; Jacobacci & Partners S.p.A., Corso Regio Parco, 27, I-10152 Torino (IT).

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

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

(u) for / pour US only / seulement

(51)⁷ B22D 18/06, B22C 9/04

(11) WO 02/076657 (13) A2

(21) PCT/EP02/03324

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) TO2001A000287 27 Mar/mar 2001 IT (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CASTING APPARATUS FOR THE PRODUCTION OF METAL CASTINGS BY "LOST-FOAM" TECHNOLOGY

• APPAREIL DE MOULAGE PAR COULEE PERMETTANT DE PRODUIRE DES PIECES DE FONTE A L'AIDE D'UNE TECHNOLOGIE DE "COULEE EN MOUSSE PERDUE"

(71) **TEKSID S.P.A.** [IT/IT]; Via Pianezza, 123, I-10151 Torino (IT).

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(72, 75) **MANCUSI, Andrea** [IT/IT]; Corso Roma, 21/2, I-10022 Carmagnola (IT).

(74) **RAMBELLI, Paolo et al.** / etc.; Jacobacci & Partners Sp.A., Corso Regio Parco, 27, I-10152 Torino (IT).

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

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

(u) for / pour US only / seulement

(51)⁷ B22D 43/00

(11) WO 02/076658 (13) A1

(21) PCT/EP02/02930

(22) 16 Mar/mar 2002 (16.03.2002)

(25) de (26) de

(30) 101 15 097.0 27 Mar/mar 2001 DE (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE FOR PREVENTING A VORTEX EFFECT IN THE DISCHARGE AREA OF A METALLURGICAL MELTING VESSEL

• DISPOSITIF POUR EMPECHER UN EFFET VORTEX DE SE PRODUIRE DANS LA ZONE D'EVACUATION D'UNE CUVE DE FUSION METALLURGIQUE

(71) **RHI AG** [AT/AT]; Wienerbergstrasse 11, AT-1011 Wien (AT). **TECHCOM IMPORT EXPORT GMBH** [DE/DE]; Pommernstrasse 13, 80809 München (DE).

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

(72, 75) **SCHUMACHER, Ewald** [DE/DE]; Pommernstrasse 13a, 80809 München (DE).

BRENNER, Hubert [AT/AT]; Birkengasse 10, AT-8662 Mitterdorf (AT). **ARTNER, Christian** [AT/AT]; Bräunlichgasse 11/3/20, AT-2603 Felixdorf (AT). **BRECKA, Gerhard** [AT/AT]; Hütteldorfer Strasse 113, AT-1140 Wien (AT). **SCHUMACHER, Edgar** [DE/DE]; Lindenfelsstrasse 21a, 80939 München (DE). **FRANZKY, Renata** [DE/DE]; Mondseestrasse 23, 81827 München (DE). **KHLOPONIN, Viktor** [RU/RU]; Haus 44, Leninskij Prospekt, Moskau, 117334 (RU). **ZINKOVSKI, Ivan** [RU/RU]; Haus 12, Sewastopolskij Prospekt, Moskau, 113447 (RU).

(74) **BECKER, Thomas, U. et al.** / etc.; Turmstrasse 22, 40878 Ratingen (DE).

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

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

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B22F 3/00

(11) WO 02/076659 (13) A1

(21) PCT/KR02/00494

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ko (26) en

(30) 2001/15472 24 Mar/mar 2001 KR (24.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A HIGH-STRENGTH, SINTERED BINDER ALLOY FOR POWDER MET-ALLURGY

• ALLIAGE LIANT FRITTE A RESISTANCE ELEVEE

(71) YEONWOO INDUSTRY CO., LTD [KR/KR]; Yeonwoo Bldg., 705-25 Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

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

(72, 75) KIM, Kang-hyung [KR/KR]; 118-102 Hankook Apt., Maetan 4-dong, Paldal-ku, Suwon 442-720 (KR).

(74) KIM, Chang-koo; Rm. No. 406 Geunyoung Bldg., 735-32, Yeoksam-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).

(51)⁷ B23B 27/16, 27/06, 27/04

(11) WO 02/076660 (13) A1

(21) PCT/EP02/02670

(22) 12 Mar/mar 2002 (12.03.2002)

(25) de (26) de

(30) 101 13 633.1 21 Mar/mar 2001 DE (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROFILE TURNING TOOL

• TOUR A PROFILE

(71) JAKOB LACH GMBH & CO. KG [DE/DE]; Donaustrasse 17 - 21, 6450 Hanau (DE).

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

(72, 75) MAURER, Eugen [DE/DE]; Adam-Geck-Strasse 10, 61239 Ober-Mörlen (DE). LACH, Horst [DE/DE]; Dammstrasse 5, 6450 Hanau 1 (DE).

(74) JOCHEM, Bernd et al. / etc.; Beyer & Jochem, Klettenbergstrasse 13, 60322 Frankfurt am Main (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 B23B 31/11, B23C 5/10

(11) WO 02/076661 (13) A1

(21) PCT/DE02/01153

(22) 22 Mar/mar 2002 (22.03.2002)

(25) de (26) de

(30) 101 14 240.4 22 Mar/mar 2001 DE (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TOOL AND TOOL ARRANGEMENT

• OUTIL ET ENSEMBLE OUTIL

(71) JOHNE + CO. PRÄZISION-SWERKZEUGE GMBH [DE/DE]; Köhler Strasse 41-43, 46286 Dorsten (DE).

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

(72, 75) JOHNE, Frank [DE/DE]; Dorfstrasse 1-3, 01516 Grossenhain-Zschauitz (DE).

(74) EFFERT, BRESSEL UND KOLLEGEN; Radickestraße 48, 12489 Berlin (DE).

(81) JP US.

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

Published / Publiée : (c)

(51)⁷ B23B 51/00

(11) WO 02/076662 (13) A1

(21) PCT/US02/08826

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/278,977 27 Mar/mar 2001 US (27.03.2001)

(30) 09/975,221 11 Oct/oct 2001 US (11.10.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DRILL INSERT GEOMETRY HAVING V-NOTCHED WEB

• GEOMETRIE D'INSERTION DE FORET A BANDE A ENCOCHE EN V

(71) ALLIED MACHINE & ENGINEERING CORP. [US/US]; 485 West 3rd Street, P.O. Box 36, Dover, OH 44622 (US).

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

(72, 75) MAST, Wendell, E. [—/US]; 10577 Walnut Creek Btm, Dundee, OH 44624-8763 (US). NUZZI, Joseph, P. [—/US]; 3244 Blacksnake Hill Road, Dover, OH 44622 (US).

(74) CLARK, Robert, J. et al. / etc.; Hahn, Loeser & Parks, LLP, Twin Oaks Estate, 1225 West Market Street, Akron, OH 44313-7188 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B23F 19/10

(11) WO 02/076663 (13) A1

(21) PCT/EP02/02540

(22) 8 Mar/mar 2002 (08.03.2002)

(25) de (26) de

(30) 101 13 653.6 21 Mar/mar 2001 DE (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MACHINE TOOL, ESPECIALLY A CHAMFERING MACHINE

• MACHINE-OUTIL, NOTAMMENT MACHINE A CHANFREINER LES DENTURES

(71) WERA WERK HERMANN WERNER GMBH & CO. KG [DE/DE]; Korzterter Strasse 21-25, 42349 Wuppertal (DE).

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

(72, 75) GARSCHAGEN, Friedrich, Albert [DE/DE]; Am Hasenclev 7, 42855 Remscheid (DE). HEYM, Hans, Udo [DE/DE]; Am Waldsaum 13, 42327 Wuppertal (DE).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B23K 1/00

(11) WO 02/076664 (13) A2

(21) PCT/CA02/00383

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 2,341,802 22 Mar/mar 2001 CA (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CLOSED CAPTURE EMISSION SYSTEM

• SYSTEME D'EMISSION A CAPTAGE FERME

(71) LONG MANUFACTURING LTD. [CA/CA]; 656 Kerr Street, Oakville, Ontario L6K 3E4 (CA).

(72) SHORE, Christopher, R.; 62 Pinehurst Drive, Hamilton, Ontario L8T 4J2 (CA). SHAW, Michael, B.; 318 Leacock Ave., Oakville, Ontario L6H 5J1 (CA).

(74) MOSS, W., Dennis et al. / etc.; Ridout & Maybee LLP, 1 City Centre Dr., Suite 308, Mississauga, Ontario L5B 1M2 (CA).

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

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

(51)⁷ B23K 11/31

(11) WO 02/076665 (13) A1

(21) PCT/FR02/00444

(22) 5 Feb/fév 2002 (05.02.2002)

(25) fr (26) fr

(30) 01/03896 22 Mar/mar 2001 FR (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DRIVING DEVICE AND CLAMPING TOOL EQUIPPED WITH SAME

• DISPOSITIF D'ENTRAÎNEMENT ET OUTIL DE SERRAGE EQUIPE D'UN TEL DISPOSITIF

(71, 72) SALESSE, Christian [FR/FR]; 10, rue du Pilat, F-07100 Annonay (FR). LORRIOT, Jean-Marc [FR/FR]; 15, rue Lakanal, F-75015 Paris (FR).

(74) BEZAULT, Jean; Cabinet Netter, 36, avenue Hoche, F-75008 Paris (FR).

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

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

(11) WO 02/076666 (13) A2

(21) PCT/IE02/00035

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 2001/0298 22 Mar/mar 2001 IE (22.03.2001)

(30) 01650029.0 22 Mar/mar 2001 EP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A LASER MACHINING SYSTEM AND METHOD

• SYSTEME ET PROCEDE D'USINAGE PAR LASER

(71) XSIL TECHNOLOGY LIMITED [IE/IE]; Unit 2, Trinity Enterprise Centre, Pearse Street, Dublin 2 (IE).

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

(72, 75) BOYLE, Adrian [IE/IE]; 9 Togher Grove, Monasterevin, County Kildare (IE). MEIGHAN, Oonagh [IE/IE]; 45 Grangemore Drive, Grangemore, Dublin 3 (IE). WALSH, Gillian [IE/IE]; 8 Maxwell Hs, Maxwell Road, Upper Rathmines, Dublin 6 (IE). MAH, Kia, Woon [IE/IE]; 35, Esker Meadow Close, Lucan, County Dublin (IE).

(74) Wildman, Harrold, Allen & Dixon; 11th Floor, Tower 3., Clements Inn, London, WC2A 2AZ (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 26/14

(11) WO 02/076667 (13) A1

(21) PCT/FR02/01009

(22) 22 Mar/mar 2002 (22.03.2002)

(25) fr (26) fr

(30) 01/04030 26 Mar/mar 2001 FR (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HIGH-POWER LASER WELDING INSTALLATION

• INSTALLATION DE SOUDAGE AU LASER A FORTE PUISSANCE.

(71) COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR]; 31/33, rue de la Fédération, F-75752 PARIS 15ème (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3 rue Michel Ange, F-75794 PARIS CEDEX 16 (FR). ETAT FRANCAIS REPRESENTÉ PAR LE DÉLÉGUÉ GÉNÉRAL POUR L'ARMEMENT [FR/FR]; F-00460 ARMEES (FR).

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

(72, 75) FABBRO, Rémy [FR/FR]; 49 avenue Ile de France, F-92160 ANTONY (FR). COSTE, Frédéric [FR/FR]; 10, rue Joseph Liouville, F-75015 PARIS (FR). SABATIER, Lilian [FR/FR]; Place de l'Eglise, F-38710 LAVARS (FR). BILLON, Jean-Pierre [FR/FR]; 62 rue de Bellevue, F-94190 VILLENEUVE ST GEORGES (FR).

(74) LEHU, Jean; c/o BREVATOME, 3, rue du Docteur Lancereaux, F-75008 PARIS (FR).

(81) JP US.

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

Published / Publiée : (c)

(51)⁷ B23K 26/42, H01S 3/00

(11) WO 02/076668 (13) A1

(21) PCT/JP01/02350

(22) 23 Mar/mar 2001 (23.03.2001)

(25) ja (26) ja

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LASER MACHINING APPARATUS

• APPAREIL D'USINAGE AU LASER

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

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

(72, 75) KUROSAWA, Miki [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 DE JP KR US.

(51)⁷ B23K 35/30

(11) WO 02/076669 (13) A1

(21) PCT/JP02/02670

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ja (26) ja

(30) 2001-84205 23 Mar/mar 2001 JP (23.03.2001)

(30) 2001-280882 17 Sep/sep 2001 JP (17.09.2001)

(30) 2001-369401 4 Dec/déc 2001 JP (04.12.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BRAZING FILLER METAL

• METAL D'APPORT DE BRASAGE

(71) CITIZEN WATCH CO., LTD. [JP/JP]; 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).

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

(72, 75) OCHIDA, Hitoshi [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP). SATOU, Junji [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).

(74) OSAWA, Takashi; Room 818, Ikebukuro White House Bldg., 20-2, Higashi-ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (JP).

(81) CN JP US.

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

Published / Publiée : (a)

(51)⁷ B23K 35/38, 26/12

(11) WO 02/076670 (13) A1

(21) PCT/EP01/03241

(22) 21 Mar/mar 2001 (21.03.2001)

(25) de (26) de

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • UTILIZATION OF A PROCESS GAS MIXTURE AND METHOD FOR LASER BEAM WELDING

• UTILISATION D'UN MELANGE DE GAZ DE PROCEDE ET PROCEDE DE SOUDAGE AU LASER

(71) LINDE AG [DE/DE]; Abraham-Lincoln-Str. 21, 65189 Wiesbaden (DE).

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

(72, 75) HERRMANN, Johann [DE/DE]; Am Weiher 2a, 85716 Unterschleissheim (DE).

(81) MX US.

(51)⁷ B23K 37/04

(11) WO 02/076671 (13) A1

(21) PCT/US02/03419

(22) 5 Feb/fév 2002 (05.02.2002)

(25) en (26) en

(30) 60/278,824 26 Mar/mar 2001 US
(26.03.2001)

(30) 09/851,853 9 May/mai 2001 US
(09.05.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR DESIGNING A WELD FIXTURE BASED ON PREDICTED STRESSES AND DISTORTIONS

• PROCEDE DE CONCEPTION D'UN DISPOSITIF DE SOUDAGE SUR LA BASE DES CONTRAINTES ET DES DISTORSIONS CALCULEES

(71) CATERPILLAR INC. [US/US]; 100 N.E. Adams Street, Peoria, IL 61629-6490 (US).

(72) CHEN, Xiao; Apartment 315, 5250 N. Knoxville, Peoria, IL 61614 (US). DONG, Yi; Apartment 112, 6625 N. Big Hollow Road, Peoria, IL 61615 (US). MARTIN, Edward, T.; 7393 E. Walker Road, Decatur, IL 62521 (US). TANNER, Wayne; 2220 W. Medull, Chicago, IL 60647 (US). YANG, Zhishang; 12225 N. Woodcrest Drive, Dunlap, IL 61525 (US).

(74) KIBBY, Steven, G. et al. / etc.; 100 N.E. Adams Street, Peoria, IL 61629-6490 (US).

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

Published / Publiée : (c)

(51)⁷ B23P 15/10, F02F 3/22, F16J 1/00

(11) WO 02/076672 (13) A1

(21) PCT/EP02/02381

(22) 5 Mar/mar 2002 (05.03.2002)

(25) en (26) en

(30) 09/816,026 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ONE-PIECE PISTON

• PISTON MONOBLOC

(71) MAHLE GMBH [DE/DE]; Pragstr. 26-46, 70376 Stuttgart (DE).

(72) SHARP, Rainer; 35173 Bunker Hill Drive, Farmington Hills, MI 48331 (US). DANNER, Jochen; 233 Woodlawn Avenue, Royal Oak, MI 48073 (US).

(74) MAHLE GMBH; Pragstr. 26-46, 70376 Stuttgart (DE).

(81) BR 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 B23Q 3/10, F15B 15/26

(11) WO 02/076673 (13) A1

(21) PCT/JP02/01328

(22) 15 Feb/fév 2002 (15.02.2002)

(25) ja (26) ja

(30) 2001-82546 22 Mar/mar 2001 JP
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • WORK SUPPORT

• SUPPORT DE PIECES A USINER

(71) PASCAL KABUSHIKI KAISHA [JP/JP]; 9-1, Aza Kaidoshita, koonoike, Itami-shi, Hyogo 664-0006 (JP).

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

(72, 75) KAWAKAMI, Takayuki [JP/JP]; c/o PASCAL KABUSHIKI KAISHA, 9-1, Aza Kaidoshita, koonoike, Itami-shi, Hyogo 664-0006 (JP).

(74) OKAMURA, Toshio; OKAMURA TOKKYO JIMUSHO, 5-5, Nishitenma 4-chome, Kitaku, Osaka-shi, Osaka 530-0047 (JP).

(81) US.

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

(51)⁷ B24B

(11) WO 02/076674 (13) A2

(21) PCT/US02/09153

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 09/817,554 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RIGID POLISHING PAD CONDITIONER FOR CHEMICAL MECHANICAL POLISHING TOOL

• DISPOSITIF DE CONDITIONNEMENT DE TAMPONS DE POLISSAGE RIGIDE POUR OUTILS DE POLISSAGE CHIMICO-MECANIQUE

(71) SPEEDFAM-IPEC CORPORATION [US/US]; Farmer, James, L., 305 North 54th Street, Chandler, AZ 85226 (US).

(72) LOUGHER, Wayne; 3929 E. Goldfinch Gate Lane, Phoenix, AZ 85044 (US). DYER, Timothy, S.; 3706 Via Del Rancho, Ocean-side, CA 92056 (US).

(74) FARMER, James, L.; Speedfam-ipecc Corporation, 305 North 54th Street, Chandler, AZ 85226 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B24B 37/00, G11B 5/84, 11/105, C03C 19/00

(11) WO 02/076675 (13) A1

(21) PCT/JP01/02500

(22) 27 Mar/mar 2001 (27.03.2001)

(25) ja (26) ja

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SUBSTRATE FOR INFORMATION RECORDING MEDIUM AND PRODUCTION METHOD THEREOF, INFORMATION RECORDING MEDIUM, AND GLASS BLANK SHEET

• SUBSTRAT POUR SUPPORT D'ENREGISTREMENT D'INFORMATIONS ET PROCEDE DE PRODUCTION DUDIT SUBSTRAT, SUPPORT D'ENREGISTREMENT D'INFORMATIONS ET FEUILLE DE VERRE EBAUCHE

(71) NIPPON SHEET GLASS CO., LTD. [JP/JP]; 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP).

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

(72, 75) KEZUKA, Masamichi [JP/JP]; Nippon Sheet Glass Co., Ltd., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP). OKUHATA, Koji [JP/JP]; Nippon Sheet Glass Co., Ltd., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP). MATSUNO, Kensuke [JP/JP]; Nippon Sheet Glass Co., Ltd., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP). WATANABE, Takeo [JP/JP]; Nippon Sheet Glass Co., Ltd., 7-28, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8559 (JP).

(74) WATANABE, Toshihiko; No.5 Mori Bldg., 8th Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) JP KR US.

(51)⁷ B24B 49/14

(11) WO 02/076676 (13) A1

(21) PCT/GB02/00003

(22) 7 Jan/jan 2002 (07.01.2002)

(25) en (26) en

(30) 0107147.1 22 Mar/mar 2001 GB
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF REDUCING THERMAL DISTORTION IN GRINDING MACHINES

• PROCEDE POUR REDUIRE LA DEFORMATION SOUS L'EFFET DE LA CHALEUR DANS UNE MACHINE A MEULER

(71) UNOVA U.K. LIMITED [GB/GB]; 26 Temple Street, Aylesbury, Buckinghamshire HP20 2RQ (GB).

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

(72, 75) PIERSE, Michael, George [GB/GB]; 216 Castle Road, Bedford MK40 3TY (GB).

- (74) KEITH W NASH & CO.; 90-92 Regent Street, Cambridge CB2 1DP (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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).

Published / Publiée : (a)

- (51)⁷ B24D 3/06
- (11) WO 02/076677 (13) A1
- (21) PCT/KR02/00529
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) ko (26) en
- (30) 2001/15592 26 Mar/mar 2001 KR (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • A HIGH-STRENGTH, ABRASIVE WHEEL
- MEULE DE HAUTE RESISTANCE
- (71) YEONWOO INDUSTRY CO., LTD. [KR/KR]; Yeonwoo Bldg., 705-25 yeok-sam-dong, Kangnam-ku, Seoul 135-080 (KR).

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

- (72, 75) KIM, Kang-hyung [KR/KR]; 118-102 Hankook Apt., Maetan 4-dong, Paldal-ku, Suwon 442-720 (KR).
- (74) KIM, Chang-koo; Rm. No. 406 Geunyoung Bldg., 735-32 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B24D 11/00, 3/32, 3/26, 13/14
- (11) WO 02/076678 (13) A1
- (21) PCT/US01/45020
- (22) 31 Oct/oct 2001 (31.10.2001)
- (25) en (26) en
- (30) 09/706,033 3 Nov/nov 2000 US (03.11.2000)
- (30) 09/850,661 7 May/mai 2001 US (07.05.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • FLEXIBLE ABRASIVE PRODUCT AND METHOD OF MAKING AND USING THE SAME

- PRODUIT ABRASIF SOUPLE ET SON PROCÉDE DE FABRICATION ET D'UTILISATION

- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) SCHUTZ, James, W.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). ROYCE, Stacey, L.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). ANNEN, Michael, J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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

- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 B25B
- (11) WO 02/076679 (13) A2
- (21) PCT/US02/09120
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) en (26) en
- (30) 60/279,462 26 Mar/mar 2001 US (26.03.2001)
- (30) 10/095,757 11 Mar/mar 2002 US (11.03.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • TRIP MODE SELECTOR SWITCH FOR SPINNING REEL
- DISPOSITIF DE SELECTION DU MODE DE DECLENCHEMENT POUR MOULINET DE PECHE

- (71) PENN FISHING TACKLE MANUFACTURING COMPANY [US/US]; 3028 West Hunting, Park Avenue, Philadelphia, PA 19132 (US).

- (72) WIEST, Timothy, A.; #RD1, Box 3AA, Hugins, PA 17938 (US).

- (74) GALLOWAY, Peter, D. et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

- (81) AU CN GB JP KR.

- (51)⁷ B25B 13/16
- (11) WO 02/076680 (13) A1
- (21) PCT/US02/09101

- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (30) 09/817,601 26 Mar/mar 2001 US (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)

- (54) • RATCHETING ADJUSTABLE WRENCH FIELD OF THE INVENTION
- CLE ANGLAISE A CLIQUET

- (71) EMERSON ELECTRIC CO. [US/US]; 8000 West Florissant, St. Louis, MO 63136 (US).

- (72) BRENIZER, John, G.; 1292 E. Platteville Blvd., Pueblo W., CO 81007 (US).

- (74) MC DERMOTT, Sean, P.; Howrey, Simon, Arnold & White, LLP, 750 Bering Drive, Houston, TX 77057-2198 (US).

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B25G 1/10, 3/34, B29C 45/16
- (11) WO 02/076681 (13) A1
- (21) PCT/DE01/01196
- (22) 28 Mar/mar 2001 (28.03.2001)
- (25) de (26) de
- (43) 3 Oct/oct 2002 (03.10.2002)

- (54) • PLIER- OR CLIPPER-LIKE TOOL AND METHOD FOR APPLICATION OF GRIP SLEEVES MADE FROM PLASTIC ON THE STEEL GRIP ARMS THEREOF
- OUTIL DE TYPE PINCE OU CISAILLES, ET PROCÉDE SERVANT A RECOUVRIR LEURS BRANCHES DE POIGNEE EN ACIER DE GAINES DE POIGNEE EN PLASTIQUE

- (71) FELO-WERKZEUGFABRIK HOLLAND-LETZ GMBH [DE/DE]; Emil-Rössler-Strasse 59, 35279 Neustadt/Hessen (DE).
- (for all designated States except / pour tous les États désignés sauf US)

- (72, 75) HOLLAND-LETZ, Horst [DE/DE]; Beethovenstrasse 6, 35279 Neustadt/Hessen (DE).

- (74) FRHR. V. SCHORLEMER, R.; Karthäuserstr. 5A, 34117 Kassel (DE).

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

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

TJ TM); EP (AT BE CH CY 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 B25G 1/10

(11) WO 02/076682 (13) A1

(21) PCT/US02/08669

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/815,689 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ERGONOMIC HANDLE FOR A WRENCH
• POIGNEE ERGONOMIQUE POUR UNE CLE

(71) WKI HOLDING COMPANY, INC. [US/US]; 1 Pyrex Place, P.O. Box 1555, Elmira, NY 14902-1555 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAMOND, Donald, R. [US/US]; 294 Maple Street, Haworth, NJ 07641 (US). WHITEHALL, Richard [GB/US]; 323 E. 8th Street, #2A, New York, NY 10009 (US). SCHIFF, David [US/US]; 213 Valentine Street, Highland Park, NJ 08904 (US).

(74) BROWN, Kevin, C., et al. / etc.; Burr & Brown, P.O. Box 7068, Syracuse, NY 13261-7068 (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B25H 1/00, 1/12, B26D 5/08

(11) WO 02/076683 (13) A1

(21) PCT/US02/09023

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,094 23 Mar/mar 2001 US (23.03.2001)

(30) 60/337,700 6 Nov/nov 2001 US (06.11.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A PORTABLE APPARATUS FOR SHEARING MULTI-WALLED WORKPIECES
• APPAREIL PORTABLE DE DECOUPE DE PIECES MULTIPAROIS

(71) SHEAR, LLC [US/US]; 254 Prospect Avenue, Hartford, CT 06106 (US).

(72) FASSKE, Wayne, C.; 796 Marion Avenue, Marion, CT 06444 (US).

(74) CHACLAS, George, N. et al. / etc.; Cummings & Lockwood, Granite Square, 700 State Street, P.O. Box 1960, New Haven, CT 06509-1960 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B25H 3/06, 1/02, B65G 1/07

(11) WO 02/076684 (13) A1

(21) PCT/FR02/01046

(22) 26 Mar/mar 2002 (26.03.2002)

(25) fr (26) fr

(30) 01/04010 26 Mar/mar 2001 FR (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PARTS STORAGE BIN FOR AN ASSEMBLY STATION
• BAC DE STOCKAGE DE PIECES POUR POSTE D'ASSEMBLAGE

(71) ERGOS S.A. [FR/FR]; Boîte postale 54 - Zone Industrielle, F-68190 Ensishheim (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOEWERT, Claude [FR/FR]; 48 bis, Grand Rue, F-68890 Meyenheim (FR).

(74) NITHARDT, Roland; Cabinet Nithardt et Associés S.A., Boîte postale 1445, F-68071 Mulhouse Cedex (FR).

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

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

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

(51)⁷ B25J 7/00

(11) WO 02/076685 (13) A1

(21) PCT/EP02/02496

(22) 7 Mar/mar 2002 (07.03.2002)

(25) de (26) de

(30) 101 14 551.9 24 Mar/mar 2001 DE (24.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MICRO-GRIPPER

• MICROPINCE

(71) FORSCHUNGSZENTRUM KARLSRUHE GMBH [DE/DE]; Weberstr. 5, 76133 Karlsruhe (DE).

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

(72, 75) GENGENBACH, Ulrich [DE/DE]; Mühlstr. 13, 75296 Remchingen/Singen (DE). KOKER, Torsten [DE/DE]; Am Rheinauer See 133, 68219 Mannheim (DE). RIEBEL, Stefan [DE/DE]; Robert-Koch-Str. 17, 76756 Bellheim (DE). ENGELHARDT, Friedhelm [DE/DE]; Hauptstr. 163, 76351 Linkenheim-Hochstetten (DE). HOFMANN, Andreas [DE/DE]; Gartenstr. 35, 76133 Karlsruhe (DE). SCHARNOWELL, Rudolf [DE/DE]; Tullastr. 18, 76689 Karlsdorf-Neuthard (DE).

(74) FORSCHUNGSZENTRUM KARLSRUHE GMBH; Stabsabteilung Marketing, Patente und Lizenzen, Postfach 3640, 76021 Karlsruhe (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 B25J 9/22, 5/00

(11) WO 02/076686 (13) A1

(21) PCT/JP02/02890

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ja (26) ja

(30) 2001-91030 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ACTION TEACHING APPARATUS AND ACTION TEACHING METHOD FOR ROBOT SYSTEM, AND STORAGE MEDIUM
• APPAREIL D'APPRENTISSAGE D'ACTIONS ET PROCEDE D'APPRENTISSAGE D'ACTIONS POUR SYSTEME ROBOTIQUE, ET SUPPORT DE MEMOIRE

(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) OKUBO, Atsushi [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP). COSTA, Gabriel [ES/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP). KAWAMOTO, Kenta [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP). HORINAKA, Rika [JP/JP]; c/o SONY CORPORATION, 7-35,

KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP). FUKUCHI, Masaki [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP). FUJITA, Masahiro [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.

(51)⁷ B25J 13/00

(11) WO 02/076687 (13) A1

(21) PCT/JP02/02889

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ja (26) ja

(30) 2001-91029 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ROBOT DEVICE AND CONTROL METHOD THEREFOR, AND STORAGE MEDIUM
• DISPOSITIF ROBOT ET SON PROCÉDE DE COMMANDE, ET SUPPORT DE STOCKAGE

(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) HORINAKA, Rika [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP). FUJITA, Masahiro [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP). OKUBO, Atsushi [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP). KAWAMOTO, Kenta [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP). COSTA, Gabriel [ES/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP). FUKUCHI, Masaki [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP). HANAGATA, Osamu [JP/JP]; c/o SONY CORPORATION, 7-35, KITASHINAGAWA 6-CHOME, SHINAGAWA-KU, Tokyo 141-0001 (JP). SABE, Kotaro [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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ B26B 9/00

(11) WO 02/076688 (13) A1

(21) PCT/KR01/00992

(22) 11 Jun/juin 2001 (11.06.2001)

(25) en (26) en

(30) 2001/8056 U 23 Mar/mar 2001 KR (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • KNIFE CAPABLE OF PREVENTING A SLICED FOODSTUFF FORM BEING ADHERED TO THE KNIFE
• COUPEAU CAPABLE D'EMPECHER UNE FORME D'ALIMENT TRANCHE D'ADHERER A CE COUPEAU

(71) ISAAC21, Inc. [KR/KR]; 402, Handug Bldg., 1337-33, Seocho-dong, Seocho-gu, Seoul 137-070 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Kyeong-Youn [KR/KR]; 220-205 Woosung Apartment, Seoheyon-dong, Bundang-gu, Kyonggi-do, Seongnam-shi 463-773 (KR).

(74) CHOI, Hong-Soon; Markpro Patent & Law Firm, 8th Floor, KFSB Bldg., 16-2 Yeodo-dong, Yeongdeungpo-ku, 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 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 B26B 19/04

(11) WO 02/076689 (13) A1

(21) PCT/IB02/00687

(22) 5 Mar/mar 2002 (05.03.2002)

(25) en (26) en

(30) 01890095.1 27 Mar/mar 2001 EP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PERSONAL CARE APPARATUS WITH FRICTION REDUCING DISCS
• APPAREIL D'HYGIENE POURVU DE DISQUES REDUISANT LE FROTTEMENT

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

(72) FLOESSHOLZER, Hannes; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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

(81) CN JP

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

(51)⁷ B26B 29/02, B23Q 13/00

(11) WO 02/076690 (13) A1

(21) PCT/CA02/00405

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 2,341,787 22 Mar/mar 2001 CA (22.03.2001)

(30) 10/076,286 19 Feb/fév 2002 US (19.02.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • KNIFE BLADE GUARD
• PROTEGE-LAME DE COUPEAU

(71, 72) KENNY, Edwin [CA/CA]; 376 Arlington Crescent, Beaconsfield, Québec H9W 2K5 (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B26D

(11) WO 02/076691 (13) A2

(21) PCT/EP02/02535

(22) 7 Mar/mar 2002 (07.03.2002)

(25) de (26) de

(30) 101 11 406.0 8 Mar/mar 2001 DE (08.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE FOR BREAKING UP PIPELINES
• DISPOSITIF POUR FRACTIONNER DES CANALISATIONS

(71) TRACTO-TECHNIK GMBH [DE/DE]; Reiherrstrasse 2, 57368 Lennestadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PÜTTMANN, Franz-Josef [DE/DE]; Winterbergerstrasse 52, 57368 Lennestadt (DE).

(74) KÖNIG, Reimar et al. / etc.; Lohengrinstrasse 11, 40549 Düsseldorf (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B26D 1/14, 1/15, 1/143, 1/22
 (11) WO 02/076692 (13) A1
 (21) PCT/AU02/00364
 (22) 27 Mar/mar 2002 (27.03.2002)
 (25) en (26) en
 (30) PR 3968 27 Mar/mar 2001 AU (27.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • DEVICE TO REMOVE SIDE WALL FROM A TYRE CARCASS
 • DISPOSITIF POUR RETIRER LA PAROI LATÉRALE D'UNE CARCASSE DE PNEU
 (71, 72) CROCKFORD, Michael Raymond [AU/AU]; PO Box 2931, Mt Isa, Queensland 4825 (AU).
 (74) PULLEN, Kevin (Dr); Patent & Trade Mark Attorney, PO Box 241, Landsborough, Queensland 4550 (AU).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B26D 1/14
 (11) WO 02/076693 (13) A1
 (21) PCT/JP02/02651
 (22) 20 Mar/mar 2002 (20.03.2002)
 (25) ja (26) ja
 (30) 2001-86249 23 Mar/mar 2001 JP (23.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • BLADE FOR CUTTING COPPER FOIL
 • LAME POUR DECOUPER UNE FEUILLE DE CUIVRE
 (71) MITSUI MINING & SMELTING CO., LTD. [JP/JP]; 11-1, Osaki 1-chome, Shinagawa-ku, Tokyo 141-8584 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) FUJITA, Satoru [JP/JP]; c/o MITSUI MINING & SMELTING CO., LTD. Copper Foil Sector Copper Foil Division, 656-2, Kamakurabashi, Ageo-shi, Saitama 362-0013 (JP). KINOSHITA, Masahumi [JP/JP]; c/o MITSUI MINING & SMELTING CO., LTD. Copper Foil Sector Copper Foil Division, 656-2, Kamakurabashi, Ageo-shi, Saitama 362-0013 (JP). TAKAHASHI, Naotomi [JP/JP]; c/o MITSUI MINING & SMELTING CO., LTD. Copper Foil Sector Copper Foil Division, 656-2, Kamakurabashi, Ageo-shi, Saitama 362-0013 (JP).
 (74) TANAKA, Daisuke; No.1 Misawa Bldg., 15-2, Hongo 1-chome, Bunkyo-ku, Tokyo 113-0033 (JP).
 (81) CN KR PH US.
-
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
 (51)⁷ B26D 7/00, B26B 29/06, B26D 3/10
 (11) WO 02/076694 (13) A1
 (21) PCT/US02/08654
 (22) 22 Mar/mar 2002 (22.03.2002)
 (25) en (26) en
 (30) 09/814,118 22 Mar/mar 2001 US (22.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • CUTTER GUIDING MEANS IN A SUBSTRATE CUTTING APPARATUS
 • MOYEN DE GUIDAGE D'UN OUTIL DE COUPE DANS UN APPAREIL DE COUPE DE SUBSTRAT
 (71) XYRON, INC. [US/US]; 15820 North 84th Street, Scottsdale, AZ 85260 (US).
 (72) CAUSSE, Brian; 3106 E. Kerry Lane, Phoenix, AZ 85050 (US). LEMENS, Paul; 22357 N. 77th Street, Scottsdale, AZ 85255 (US). VELAZQUEZ, Joseph, Eljio; 1005 W. Cantabria Drive, Gilbert, AZ 85233 (US).
 (74) BARUFKA, Jack, S. et al. / etc.; Pillsbury Winthrop LLP, 1600 Tysons Boulevard, McLean, VA 22102 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B26D 7/18
 (11) WO 02/076695 (13) A1
 (21) PCT/CA02/00384
 (22) 21 Mar/mar 2002 (21.03.2002)
 (25) en (26) en
 (30) 09/815,962 23 Mar/mar 2001 US (23.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • METHOD AND APPARATUS FOR TRIMMING SHEET METAL
 • PROCEDE ET DISPOSITIF DE ROGNAGE DE TOLES METALLIQUES
 (71) ALCAN INTERNATIONAL LIMITED [CA/CA]; 1188 Sherbrooke Street West, Montreal, Québec H3A 3G2 (CA).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) WILSON, John, E. [US/US]; 1212 Cederbrook Road, Goshen, KY 40026 (US).
 (74) EADES, Norris, M. et al. / etc.; KIRBY, EADES, GALE, BAKER, Box 3432, Station D, Ottawa, Ontario K1P 6N9 (CA).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B27K 3/50
 (11) WO 02/076696 (13) A1
 (21) PCT/DK02/00193
 (22) 22 Mar/mar 2002 (22.03.2002)
 (25) en (26) en
 (30) pa 2001 00501 27 Mar/mar 2001 DK (27.03.2001)
 (30) 60/324,953 27 Sep/sep 2001 US (27.09.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • WOOD PRESERVING CONCENTRATE
 • CONCENTRE PERMETTANT LA CONSERVATION DU BOIS
 (71) A/S COLLSTROP-DANSK TRÆIMPRÆGNERING [DK/DK]; Ambolten 20, DK-6000 Kolding (DK).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) WASSMANN, Lars [DK/DK]; 5, Oddervænget, DK-5400 Bogense (DK).
 (74) CHAS. HUDE A/S; 33 H.C. Andersens Boulevard, DK-1553 Copenhagen V (DK).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B27N 3/24, B30B 15/34
 (11) WO 02/076697 (13) A1
 (21) PCT/EP02/02678
 (22) 12 Mar/mar 2002 (12.03.2002)
 (25) de (26) de
 (30) 101 14 381.8 23 Mar/mar 2001 DE (23.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • METHOD FOR CONTINUOUSLY PRODUCING PARTICLE BOARDS AND SIMILAR PANEL-SHAPED BOARD MATERIALS, AND A DOUBLE BELT PRESS SUITED THEREFOR
 • PROCEDE DE PRODUCTION CONTINUE DE PANNEAUX DE PARTICULES

ET DE MATERIAUX SOUS FORME DE
PANNEAUX SIMILAIRES ET PRESSE
A DOUBLE BANDE ADAPTEE

(71) **METSO PAPER, INC.** [FI/FI]; Wärt-
silänkatu 100, FIN-04400 Järvenpää (FI).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **BECK, Peter** [DE/DE]; Fossastrasse 6,
47475 Kamp-Lintfort (DE).

(74) **KÖNIG PALGEN SCHUMACHER
KLUIN**; Lohengrinstrasse 11, 40549 Düssel-
dorf (DE).

(81) BR CA 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 **B28B**

(11) **WO 02/076698** (13) A2

(21) PCT/DE02/00997

(22) **20 Mar/mar 2002 (20.03.2002)**

(25) de (26) de

(30) 101 13 785.0 **21 Mar/mar 2001 DE**
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR THE APPLICATION OF
MORTAR TO AN APPLICATION SUR-
FACE

• PROCEDE D'APPLICATION DE MOR-
TIER SUR UNE SURFACE DE SUP-
PORT

(71) **INOTEC GMBH TRANSPORT- UND
FÖRDESYSTEME** [DE/DE]; Daimlerstr.
9-11, 79761 Waldshut-Tiengen (DE).

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

(72, 75) **ZIMMERLIN, Dietmar** [DE/DE]; Uch-
bahnstr. 12, 78176 Blumberg (DE).

(74) **GOY, Wolfgang**; Zähringer Strasse 373,
79108 Freiburg (DE).

(81) CA CN CZ HU KR PL US.

(84) 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 **B28D 1/22, 5/00, 5/02, B23K 26/40**

(11) **WO 02/076699** (13) A1

(21) PCT/US02/08076

(22) **18 Mar/mar 2002 (18.03.2002)**

(25) en (26) en

(30) 09/817,959 **27 Mar/mar 2001 US**
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LASER SCRIBING OF WAFERS

• TRAÇAGE AU LASER DE PLA-
QUETTES

(71) **KULICKE & SOFFA INVESTMENTS,
INC.** [US/US]; Little Falls Center Two, 2751
Centerville Road, Suite 3165, Wilmington,
DE 19808 (US).

(72) **WEISSHAUS, Ilan**; 10a Hadekalim
Street, Kiriat Bialik 27043 (IL). **MANOR,
Ran**; 27 Ehud Street, Haifa 34553 (IL).

WERTHEIM, Oded; 48 Keren Kayemeth
Street, Kiriat Bialik 27043 (IL).

(74) **ETKOWICZ, Jacques, L.** et al. / etc.; Rat-
ner & Prestia, 301 One Westlakes (Berwyn),
P.O. Box 980, Valley Forge, PA 19482-0980
(US).

(81) JP.

(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 **B29C 33/26, 33/42, A61M 29/00**

(11) **WO 02/076700** (13) A1

(21) PCT/US02/09560

(22) **26 Mar/mar 2002 (26.03.2002)**

(25) en (26) en

(30) 60/278,817 **26 Mar/mar 2001 US**
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BALLOON FOLDING TECHNOLOGY
• TECHNOLOGIE DE PLIAGE D'UN
BALLONNET

(71) **MACHINE SOLUTIONS, INC.** [US/US];
1186 W. University Avenue, Suite D,
Flagstaff, AZ 86001 (US).

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

(71) **KASPRZYK, Daniel, J.** [—/US]; 676 North
Fox Hill Road, Flagstaff, AZ 86004 (US).
(only for / seulement pour US)

(72, 75) **MOTSENBOCKER, Tom** [—/US];
4017 Nicholas Street, Flagstaff, AZ (US).

GOFF, Edward [—/US]; 4718 N 33rd Street,
Phoenix, AZ 85016 (US).

(74) **SKINNER, Joel, D., Jr.**; Skinner and Asso-
ciates, Suite 201, 619 Second Street, Hudson,
WI 54016 (US).

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

Published / Publiée : (c)

(51)⁷ **B29C 44/12, 70/02, B32B 5/26, 5/18**

(11) **WO 02/076701** (13) A1

(21) PCT/EP02/02692

(22) **12 Mar/mar 2002 (12.03.2002)**

(25) de (26) de

(30) 101 14 708.2 **26 Mar/mar 2001 DE**
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • REINFORCING MATERIAL COM-
PRISING VOLUMIZED FIBERS AND
METHOD FOR PRODUCING SAID
MATERIAL

• MATERIAU DE RENFORCEMENT
CONTENANT DES FIBRES VOLUMI-
SEES ET PROCEDE DE FABRICATION

(71, 72) **KÖLZER, Klaus, Kurt** [DE/DE]; Eller-
strasse 1, 40721 Hilden (DE).

(74) **GILLE HRABAL STRUCK NEIDLEIN
PROP ROOS**; Brucknerstrasse 20, 40593
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 CH CY DE DK ES
FI FR GB GR IE 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 **B29C 45/40, 45/42**

(11) **WO 02/076702** (13) A1

(21) PCT/DK02/00125

(22) **25 Feb/fév 2002 (25.02.2002)**

(25) da (26) en

(30) PA 2001 00317 **26 Feb/fév 2001 DK**
(26.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • EJECTORSYSTEM

• SYSTEME D'EJECTION

(71, 72) **GRAM, Jes, Tougaard** [DK/DK];
Biskop Svanes Vej 5, DK-3460 Birkerød
(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 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 **B29C 45/68, 45/67**

(11) **WO 02/076703** (13) A2

(21) PCT/EP02/02727

(22) **13 Mar/mar 2002 (13.03.2002)**

(25) de (26) de

(30) 101 13 808.3 **21 Mar/mar 2001 DE**
(21.03.2001)

(30) 101 18 823.4 **17 Apr/avr 2001 DE**
(17.04.2001)

(30) 101 46 800.8 **22 Sep/sep 2001 DE**
(22.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELECTROMECHANICAL CLAMPING
DEVICE

• DISPOSITIF DE SERRAGE ELECTRO-
MECANIQUE

(71) **MANNESMANN REXROTH AG**
[DE/DE]; Jahnstr. 3 - 5, 97816 Lohr am
Main (DE).

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

(72, 75) **DANTLGRABER, Jörg** [AT/DE]; Dr.-Hönlein-Str. 14, 97816 Lohr am Main (DE).

(74) **MANNESMANN REXROTH AG**; Jahnstr. 3 - 5, 97816 Lohr am Main (DE).

(81) US.

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

(51)⁷ **B29C 45/78, 45/77, 45/76**

(11) **WO 02/076704** (13) A1

(21) PCT/EP02/02844

(22) **14 Mar/mar 2002 (14.03.2002)**

(25) de (26) de

(30) 101 14 228.5 **22 Mar/mar 2001 DE (22.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **METHOD FOR REGULATING THE CONTRACTION OF MOLDED PARTS**
• **PROCEDE POUR LA REGULATION DU RETRAIT DE PIECES MOULEES PAR INJECTION**

(71) **PRIAMUS SYSTEM TECHNOLOGIES AG** [CH/CH]; Im Majorenacker 10, CH-8207 Schaffhausen (CH).

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

(72, 75) **FREY, Jürgen** [DE/DE]; Sonnenstrasse 10, 73230 Kirchheim/Teck (DE).

(74) **WEISS, Peter**; Zeppelinstrasse 4, 78234 Engen (DE).

(81) JP US.

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

Published / Publiée : (c)

(51)⁷ **B29C 47/16, 47/72**

(11) **WO 02/076705** (13) A1

(21) PCT/IT01/00146

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) it (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **EXTRUSION HEAD WITH ADJUSTABLE WIDTH, FOR THE EXTRUSION OF FAST THERMODEGRADABLE POLYMERS, AND EXTRUSION PROCESS MAKING USE THEREOF**

• **TETE D'EXTRUSION A LARGEUR REGLABLE POUR L'EXTRUSION DE POLYMERES RAPIDEMENT THERMODEGRADABLES, ET PROCEDE D'EXTRUSION METTANT EN OEUVRE CETTE TETE**

(71) **RPC COBELPLAST MONTONATE S.R.L.** [IT/IT]; Via Carducci, 17, I-21020 Montonate di Mornago (IT).

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

(72, 75) **SECHI, Mario** [IT/IT]; Via della Vignazza, 30, I-21100 Varese (IT).

(74) **FAGGIONI, Marco** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 **B29C 47/24, 70/52**

(11) **WO 02/076706** (13) A1

(21) PCT/US01/11614

(22) **10 Apr/avr 2001 (10.04.2001)**

(25) en (26) en

(30) 09/813,594 **21 Mar/mar 2001 US (21.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **THERMOPLASTIC COMPOSITE MATERIALS MADE BY ROTATIONAL SHEAR**

• **MATERIAUX COMPOSITES THERMOPLASTIQUES OBTENUS PAR CISAILEMENT CIRCULAIRE**

(71, 72) **MONTSINGER, Lawrence** [US/US]; 1837 Kilmonack Lane, Charlotte, NC 28270 (US).

(74) **DEARTH, Miles**; 1837 Kilmonack Lane, Charlotte, NC 28270 (US).

(81) BR CA CN ID IL IN JP KR MX SG ZA.

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

(51)⁷ **B29C 47/40, B29B 7/42**

(11) **WO 02/076707** (13) A1

(21) PCT/DE02/00901

(22) **8 Mar/mar 2002 (08.03.2002)**

(25) de (26) de

(30) 101 14 727.9 **22 Mar/mar 2001 DE (22.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **SCREW ELEMENT FOR SAME-SENSE ROTATING MULTI-SCREW EXTRUDERS**

• **ELEMENT DE VIS SANS FIN POUR EXTRUDEUSE A VIS SANS FIN MULTIPLES TOURNANT DANS LE MEME SENS**

(71) **BERSTORFF GMBH** [DE/DE]; An der Breiten Wiese 3 - 5, 30625 Hannover (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UPHUS, Reinhard** [DE/DE]; Ehlvershof 12, 30419 Hannover (DE). **NOLTING, Matthias** [DE/DE]; Ostertorwall 37, 31785 Hameln (DE).

(74) **MEISSNER, P., E.**; Patentanwaltsbüro, Meissner & Meissner, Hohenzollerndamm 89, 14199 Berlin (DE).

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

ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM 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).

Published / Publiée : (c)

(51)⁷ **B29C 49/04, 49/36, 49/60**

(11) **WO 02/076708** (13) A1

(21) PCT/US02/08655

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

(25) en (26) en

(30) 09/814,793 **23 Mar/mar 2001 US (23.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **MULTI-PARISON/DUAL CAVITY WHEEL BLOWMOLDS**

• **MOULAGE PAR SOUFFLAGE AVEC MOULES A DOUBLE CAVITE A PARAISSONS MULTIPLES SUR ROUE**

(71) **GRAHAM PACKAGING COMPANY, L. P.** [US/US]; 2401 Pleasant Valley Road, York, PA 17402 (US).

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

(72, 75) **CARGILE, David, W.** [US/US]; 529 Randolph Drive, Lititz, PA 17543 (US). **KROHN, Roy, N.** [US/US]; 190 Rhonda Drive, York, PA 17404 (US).

(74) **BURDETT, James, R.**; Venable, Baetjet, Howard & Civiletti, LLP, 1201 New York Avenue, NW, Suite 1000, P.O. Box 34385, Washington, DC 20043-9998 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU 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 **B29C 49/46**

(11) **WO 02/076709** (13) A1

(21) PCT/EP02/02160

(22) **28 Feb/fév 2002 (28.02.2002)**

(25) de (26) de

(30) 101 14 401.6 **23 Mar/mar 2001 DE (23.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **METHOD FOR BLOW FORMING A CONTAINER MADE OF PLASTIC AND FOR COATING THE INSIDE OF SAID CONTAINER**

• **PROCEDE POUR LE MOULAGE PAR SOUFFLAGE D'UN CONTENANT EN**

PLASTIQUE ET POUR LE REVETEMENT DE L'INTERIEUR DU CONTE-NANT

(71) TETRA LAVAL HOLDINGS & FINANCE S.A. [CH/CH]; 70, avenue Général-Guisan, CH-1009 Pully (CH).

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

(72, 75) CHATARD, Dominique [FR/DE]; Richard-Wagner-Strasse 5, 69121 Heidelberg (DE). GRÜNWALD, Heinrich [DE/DE]; Freigerichtstrasse 16, 61194 Niddatal (DE). LOTHAR, Wilhelm [DE/DE]; Karbener Weg 55, 61184 Karben (DE). KÄSS, Hanno [DE/DE]; Soderstrasse 55, 64287 Darmstadt (DE).

(74) WEBER-SEIFFERT-LIEKE et al. / etc.; Taunusstrasse 5a, 65183 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA 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 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 B29C 63/18, 33/68, 39/08

(11) WO 02/076710 (13) A2

(21) PCT/IB02/00857

(22) 22 Mar/mar 2002 (22.03.2002)

(25) it (26) en

(30) MO2001A000054 22 Mar/mar 2001 IT (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS AND APPARATUSES FOR PRODUCING OR WORKING ROLLER MEANS, ROLLER MEANS FOR DECORATING OBJECTS

• PROCEDES ET APPAREILS PERMETTANT DE PRODUIRE OU DE FABRIQUER DES ROULEAUX, ET ROULEAUX AINSI OBTENUS DESTINES A DECORER DES OBJETS

(71) SILIBOX S.R.L. [IT/IT]; Via S. Giacomo, I-41012 Capri (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SIGHINOLFI, Sergio [IT/IT]; Via Puccini, 63, I-41100 Modena (IT). BIOLCHINI, Mauro, Italo [IT/IT]; Via Rio delle Amazoni, 11, I-41042 Fiorano Modenese (IT).

(74) LUPPI, Luigi; Luppi & Crugnola S.R.L., Viale Corassori, 54, I-41100 Modena (IT).

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

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

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

Declarations / Déclarations :

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

(u) for / pour US only / seulement

(51)⁷ B29C 70/08, B29B 11/16, B29C 70/46, 70/50, D04H 13/00

(11) WO 02/076711 (13) A1

(21) PCT/EP02/02608

(22) 9 Mar/mar 2002 (09.03.2002)

(25) de (26) de

(30) 101 14 553.5 24 Mar/mar 2001 DE (24.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF PRODUCING A THICK, THERMOFORMABLE, FIBER-REINFORCED SEMI-FINISHED PRODUCT
• PROCEDE DE FABRICATION D'UN DEMI-PRODUIT EPAIS RENFORCE PAR FIBRES A DEFORMABILITE THERMOPLASTIQUE

(71) QUADRANT PLASTIC COMPOSITES AG [CH/CH]; Hardstrasse 5, CH-5600 Lenzburg 1 (CH).

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

(72, 75) DITTMAR, Harri [DE/DE]; Hauptstrasse 8, 67271 Battenberg (DE).

(74) GRUSSDORF, Jürgen; Zellentin & Partner, Rubensstrasse 30, 67061 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 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 B29C 71/02, 49/64, B29B 13/02, B65D 85/72

(11) WO 02/076712 (13) A1

(21) PCT/CN02/00030

(22) 21 Jan/jan 2002 (21.01.2002)

(25) zh (26) zh

(30) 01 1 07496.5 22 Jan/jan 2001 CN (22.01.2001)

(30) 01 1 39569.9 4 Dec/déc 2001 CN (04.12.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • THE CRYSTALLIZED NECK OF POLYESTER BEER BOTTLE AND THE MANUFACTURING THEREOF

• GOULOT CRISTALLISE DE BOUTEILLE DE BIERE EN POLYESTER ET SON PROCEDE DE FABRICATION

(71) ZHUHAI ZHONG FU PET BEER BOTTLE CO., LTD. [CN/CN]; 1 Land Area, Zhuhai Free Trade Zone, Zhuhai, Guangdong Province 519070 (CN).

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

(72, 75) WONG, Choi, Fai [CN/CN]; 1 Land Area, Zhuhai Free Trade Zone, Zhuhai, Guangdong Province 519070 (CN).

(74) CHINA SCIENCE PATENT & TRADE-MARK AGENT LTD.; Zhongke Building, 16th Floor, 80 Haidian Road, Haidian District, Beijing 100080 (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 TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B29D 11/00, B29C 45/56

(11) WO 02/076713 (13) A1

(21) PCT/AU02/00345

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) PR 3930 23 Mar/mar 2001 AU (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INJECTION MOLDING METHOD
• PROCEDE DE MOULAGE PAR INJECTION

(71) SOLA INTERNATIONAL HOLDINGS LTD [AU/AU]; Sherriffs Road, Lonsdale, South Australia 5160 (AU).
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(72, 75) MCCAFFREY, Nicholas, John [AU/AU]; 33 Myrtle Road, Seacliff, South Australia 5049 (AU). WALLACE, Mark, A. [AU/AU]; 9 Connington Crescent, Morphett Vale, South Australia 5162 (AU). HENDERSON, David, Scott [AU/AU]; 9a Seaview Avenue, Kingston Park, South Australia 5049 (AU).

(74) FREEHILLS CARTER SMITH BEADLE; Level 43, 101 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 B30B 3/00, 15/14, B31F 1/00, B32B 31/20,
B44C 1/17, B65C 1/00, C09J 7/02
- (11) WO 02/076714 (13) A2
- (21) PCT/US02/08016
- (22) 18 Mar/mar 2002 (18.03.2002)
- (25) en (26) en
- (30) 09/813,146 21 Mar/mar 2001 US
(21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CARD LAMINATOR AND METHOD
OF CARD LAMINATION
• PELLICULEUSE À CARTES ET PRO-
CÉDÉ CORRESPONDANT
- (71) CARD TECHNOLOGY CORPORA-
TION [US/US]; 70 Eisenhower Drive,
Paramus, NJ 07652 (US).
- (72) ASHLEY, Keith, R.; 1009 Lake Avenue,
Clark, NJ 07066 (US). PANKIW, Igor; 620
Buchanan Street, Hillside, NJ 07205 (US).
BURROWES, Wesley, L.; 477 Bogert Road,
River Edge, NJ 07661 (US).
- (74) STOUT, Donald, E. et al. / etc.; Antonelli,
Terry, Stout & Kraus, LLP, Suite 1800, 1300
North Seventeenth Street, Arlington, VA
22209 (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 B30B 5/06, 15/00
- (11) WO 02/076715 (13) A1
- (21) PCT/EP02/02677
- (22) 12 Mar/mar 2002 (12.03.2002)
- (25) de (26) de
- (30) 101 14 379.6 23 Mar/mar 2001 DE
(23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DOUBLE BAND PRESS
• PRESSE A DOUBLE BANDE
- (71) METSO PAPER, INC. [FI/FI]; Wärt-
silänkatu 100, FIN-04400 Järvenpää (FI).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) BRENDDEL, Bernhard [DE/DE];
Grasheider Strasse 31, 47929 Grefrath (DE).
- (74) KÖNIG PALGEN SCHUHMACHER
KLUIN; Lohengrinstrasse 11, 40549 Düssel-
dorf (DE).
- (81) BR 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 B31F 1/07, B29C 59/04
- (11) WO 02/076716 (13) A1
- (21) PCT/CH02/00149
- (22) 13 Mar/mar 2002 (13.03.2002)
- (25) de (26) de
- (30) 544/01 26 Mar/mar 2001 CH
(26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DEVICE FOR TREATING FLAT MATE-
RIAL
• DISPOSITIF DE TRAITEMENT DE MA-
TERIAUX PLATS
- (71) BOEGLI-GRAVURES S.A. [CH/CH]; Rue
de la Gare 24-26, CH-2074 Marin (CH).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) BOEGLI, Charles [CH/CH]; Rue de la
Gare 24, CH-2074 Marin (CH).
- (74) AMMANN PATENTANWÄLTE AG
BERN; Schwarztorstrasse 31, CH-3001 Bern
(CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
-
- (51)⁷ B32B 1/00, 5/16, 9/04, 13/00, C05B 15/00,
C05C 9/00
- (11) WO 02/076718 (13) A1
- (21) PCT/BR02/00043
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) en (26) en
- (30) PI 0101344-0 23 Mar/mar 2001 BR
(23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CONTROLLED RELEASE UREA
PRODUCT AND METHOD OF
PREPARING SAID PRODUCT
• PRODUIT D'UREE A LIBERATION
COMMANDEE ET PROCEDE DE PRE-
PARATION DE CE PRODUIT
- (71, 72) DE CASTRO, Fernando, Basile
[BR/BR]; Av. Júlio de Mesquita, n° 590,
Apto. 113, CEP-13025-061 Campinas, SP
(BR).
- (72, 75) STOCKHOFF, Peter [DE/DE]; Av.
Júlio de Mesquita, n° 590, Apto. 113,
CEP-13025-061 Campinas, SP (BR).
- (74) BEËRRE ASSESSORIA EMPRESAR-
IAL S/C LTDA; Av. Barão de Itapura, 3236,
Taquaral, CEP-13076-000 Campinas, 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 CH CY DE DK ES
FI FR GB GR IE IT 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 B32B 1/10, 1/08, C03C 17/22, 17/23,
B05D 3/08, 1/00
- (11) WO 02/076719 (13) A1
- (21) PCT/KR01/01726
- (22) 12 Oct/oct 2001 (12.10.2001)
- (25) en (26) en
- (30) 2001/15493 24 Mar/mar 2001 KR
(24.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR COATING CERAMIC
ON QUARTZ SURFACE
• PROCEDE SERVANT A RECOUVRIR
UNE SURFACE DE QUARTZ PAR DE
LA CERAMIQUE
-
- (63) US PCT/IL01/00758 and (CIP)
14 Aug/août 2001 (14.08.2001)
- (71) COMSENSE TECHNOLOGIES LTD.
[IL/IL]; Jerusalem Avenue 8, 68021 Jaffa
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(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) TEMPELTON, Thomas, H. [US/US];
40759 Robin Street, Fremont, CA 94538
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monaim Street 39, 94663 Tel-Aviv (IL).
- (74) FENSTER, Paul et al. / etc.; Fenster &
Company Patent Attorneys, Ltd., P.O. Box
10256, 49002 Petach Tikva (IL).

(71, 72) **CHO, Cheol-hwan** [KR/KR]; 106-1202 Eunhang Hanshin Apt., 520 Chang-woo-Dong, hanam-Si, 465-712 Kyunggi-Do (KR).

(74) **L & K PATENT FIRM**; 701, Daekun Bldg., 822-5 Yeoksam-Dong, Kangnam-Gu, 135-080 Seoul (KR).

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

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

(51)⁷ B32B 3/00

(11) WO 02/076720 (13) A1

(21) PCT/US01/44918

(22) 29 Nov/nov 2001 (29.11.2001)

(25) en (26) en

(30) 09/727,795 30 Nov/nov 2000 US (30.11.2000)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOSITE FIREWALL STRUCTURE
• STRUCTURE DE CLOISON PARE-FEU COMPOSITE

(71) **FELLMAN, Michael, L.** [US/US]; 136 Wright Brothers Ave., Livermore, CA 94550 (US).
(for all designated States except / pour tous les États désignés sauf US)

(74) **BIELEN, Theodore, J., Jr.** et al. / etc.; Bielen, Lampe & Thoeming, Suite 720, 1990 N. California Blvd., Walnut Creek, CA 94596 (US).

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

Published / Publiée : (c)

(51)⁷ B32B 3/10, 33/00, B42D 15/00

(11) WO 02/076721 (13) A1

(21) PCT/US01/09767

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • GLOSSY PRINTED ARTICLE AND METHOD OF MANUFACTURING SAME
• ARTICLE IMPRIME BRILLANT ET PROCEDE DE FABRICATION DE L'ARTICLE

(71) **SERIGRAPH INC.** [US/US]; 3801 East Decorah Road, West Bend, WI 53095 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **SCARBROUGH, Joel, Scott** [US/US]; 941 Windhaven Road, Libertyville, IL 60048 (US). **FAUL, Daniel, C.** [US/US]; 415 Jefferson Street, West Bend, WI 53090 (US).

(74) **BAXTER, William, K.** et al. / etc.; Godfrey & Kahn S.C., 780 North Water Street, Milwaukee, WI 53202 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY 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 B32B 5/02

(11) WO 02/076722 (13) A1

(21) PCT/JP02/02724

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ja (26) ja

(30) 2001-82135 22 Mar/mar 2001 JP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HIGH MOISTURE ABSORBING NON-WOVEN FIBER STRUCTURE AND PRODUCTION METHOD THEREFOR
• STRUCTURE NON TISSEE DE FIBRES ABSORBANT FORTEMENT L'HUMIDITE ET SON PROCEDE DE PRODUCTION

(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).
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(72, 75) **WATANABE, Noboru** [JP/JP]; 2-10-14, Miyukicho, Sabae-shi, Fukui 916-0015 (JP). **ARAKI, Tadashi** [JP/JP]; 6-6, Kanebocho, Hofu-shi, Yamaguchi 747-0823 (JP). **MOMOI, Naomichi** [JP/JP]; 2-3, Terahata 2-chome, Kawanishi-shi, Hyogo 666-0034 (JP).

(81) JP US.

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B32B 5/02, 9/04, D04H 1/45

(11) WO 02/076723 (13) A1

(21) PCT/US02/09329

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/278,776 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NON-WOVEN WIPING

• CHIFFON NON TISSE

(71) **MICREX CORPORATION** [US/US]; 17 Industrial Road, Walpole, MA 02081 (US).
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(72, 75) **WALTON, Richard, C.** [US/US]; Apt. 2A, 65 Anderson Street, Boston, MA 02114 (US). **SMITH, Peter, R.** [US/US]; 67 Moosehill Parkway, Sharon, MA 02067 (US).

(74) **SEPANIK, Daniel, J.**; 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 TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B32B 5/16, C01B 11/04

(11) WO 02/076724 (13) A1

(21) PCT/US02/09140

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/278,419 26 Mar/mar 2001 US (26.03.2001)

(30) 60/311,810 14 Aug/août 2001 US (14.08.2001)

(30) 60/311,811 14 Aug/août 2001 US (14.08.2001)

(30) 60/311,815 14 Aug/août 2001 US (14.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COATINGS CONTAINING CARBON NANOTUBES

• REVETEMENTS COMPRENANT DES NANOTUBES DE CARBONE ET LEURS PROCEDES DE FABRICATION

(71) **EIKOS, INC.** [US/US]; 2 Master Drive, Franklin, MA 02038 (US).
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(72, 75) **GLATKOWSKI, Paul, J.** [US/US]; 4 Pinecrest Road, Littleton, MA 01460 (US).

(74) **REMENICK, James et al.** / etc.; Heller Ehrman White & McAuliffe LLP, 101 Orchard Ridge Drive, Suite 300, Gaithersburg, MD 20787-1917 (US).

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

Published / Publiée : (c)

(51)⁷ **B32B 5/18, 5/20, 5/22, 5/24, 5/26, 5/28, 27/04, 27/06, 27/08, 27/12, 27/18, 27/40, B65D 25/40, 35/38, C08J 3/20, 9/08, C08K 7/02, 7/04, 7/06, 7/08, 7/10, C08L 75/04, C09D 175/04**

(11) **WO 02/076725** (13) A1

(21) PCT/US02/07968

(22) **14 Mar/mar 2002 (14.03.2002)**

(25) en (26) en

(30) 09/814,552 **22 Mar/mar 2001 US (22.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • POLYURETHANE IN INTIMATE CONTACT WITH FIBROUS MATERIAL
• POLYURETHANE EN CONTACT INTIME AVEC DE LA MATIERE FIBREUSE

(71) **SICC (SPECIAL INDUSTRIALS COATING COMPANY) [US/US];** 9750 Washburn Road, Downey, CA 90241 (US).

(72) **WHEELER, Henry, H.;** 5400 The Toledo, Long Beach, CA 90803 (US). **CRANDAL, Corland;** 21871 Ocean Breeze Land, Huntington Beach, CA 92646 (US). **WHEELER, Hugh;** 15450 Idaho Drive, Apple Valley, CA 92307 (US).

(74) **SALE, Terri, L.;** Fulbright & Jaworski L.L.P., 865 S. Figueroa Street, 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 **B32B 7/12**

(11) **WO 02/076726** (13) A1

(21) PCT/US01/09206

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • WIRING HARNESS WRAP

• GAINÉ POUR HARNAIS DE CABLES

(71) **SCAPA TAPES NORTH AMERICA INC. [US/US];** 111 Great Pond Drive, Windsor, CT 06095 (US).

(72) **POISSON, Daniel;** 377 Riverview Drive, Renfrew, Ontario K7V 3Z5 (CA). **BARNES, Scott;** 82 Ivy Avenue, Renfrew, Ontario K7V 4G6 (CA). **HUDDLESTON, Elwyn;** 5317 Meadowlake Road, Brentwood, TN 37027-5146 (US).

(74) **DIONNE, Arthur, F. et al. / etc.;** McCormick, Paulding & Huber LLP, CityPlace

II, 185 Asylum Street, Hartford, CT 06103 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY 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 **B32B 15/08**

(11) **WO 02/076727** (13) A2

(21) PCT/EP02/03333

(22) **25 Mar/mar 2002 (25.03.2002)**

(25) de (26) de

(30) 101 14 468.7 **24 Mar/mar 2001 DE (24.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CORROSION-STABLE LAMINATE, METHOD FOR THE PRODUCTION THEREOF, AND ITS USE
• LAMINE RESISTANT A LA CORROSION, PROCÉDE PERMETTANT DE LE PRODUIRE ET SON UTILISATION

(71) **THYSSENKRUPP STAHL AG [DE/DE];** Kaiser-Wilhelm-Strasse 100, 47166 Duisburg (DE). **LAMINOIR DE DUDELANGE S.A. [LU/LU];** ARBED Gruppe, POB 4, 3401 Dudelange (LU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BREMSE, Wolfgang [DE/DE];** Am Brook 10, 48165 Münster (DE). **BÜRSTINGHAUS, Rainer [DE/DE];** Nachtigallengrund 5, 48291 Telgte (DE). **GRUNDMEIER, Guido [DE/DE];** Nassauer Weg 25, 40229 Düsseldorf (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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 **B32B 15/08, 1/04, B29C 47/02, B65G 39/10**

(11) **WO 02/076728** (13) A1

(21) PCT/JP02/02234

(22) **11 Mar/mar 2002 (11.03.2002)**

(25) ja (26) ja

(30) 2001-083044 **22 Mar/mar 2001 JP (22.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONDUCTIVE RESIN COATED STEEL PIPE AND EXTRUSION MOLDING METHOD FOR THE STEEL PIPE

• TUYAU EN ACIER REVETU DE RESINE CONDUCTRICE ET PROCÉDE DE MOULAGE PAR EXTRUSION DU TUYAU EN ACIER

(71) **YAZAKI INDUSTRIAL CHEMICAL CO.,LTD. [JP/JP];** 24-1, Oshika 2-Chome, Shizuoka-shi, Shizuoka 422-8519 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOSHINO, Shuji [JP/JP];** c/o YAZAKI INDUSTRIAL CHEMICAL CO., LTD., 24-1, Oshika 2-Chome, Shizuoka-shi, Shizuoka 422-8519 (JP).

(74) **YAMANA, Masahiko;** M.YAMANA Patent & Trademark Office, 4th floor Neo-Kamiya Building, 10-11, Hatchobori 4-Chome, Chuo-ku, Tokyo 104-0032 (JP).

(81) BR CA CN DE GB ID IN KR MX PH SE SG US VN.

(84) EP (DE FR GB IT SE).

(51)⁷ **B32B 15/08, C08J 5/18, C08L 67/02, B65D 8/16**

(11) **WO 02/076729** (13) A1

(21) PCT/JP02/02589

(22) **19 Mar/mar 2002 (19.03.2002)**

(25) ja (26) ja

(30) 2001-081239 **21 Mar/mar 2001 JP (21.03.2001)**

(30) 2001-338533 **2 Nov/nov 2001 JP (02.11.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METAL SHEET COATED WITH THERMOPLASTIC RESIN AND CAN OBTAINED THEREFROM

• FEUILLE METALLIQUE RECOUVERTE D'UNE RESINE THERMOPLASTIQUE ET BOITE METALLIQUE FABRIQUEE A PARTIR D'UNE TELLE FEUILLE

(71) **TOYO KOHAN CO., LTD. [JP/JP];** 2-12, Yonbancho, Chiyoda-ku, Tokyo 102-8447 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HU, Lianchun [CN/JP];** c/o TOYO KOHAN CO., LTD. Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). **KAWAMURA, Satoshi [JP/JP];** c/o TOYO KOHAN CO., LTD. Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). **MAIDA, Narimasa [JP/JP];** c/o TOYO KOHAN CO., LTD. Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). **KURODA, Hitoshi [JP/JP];** c/o TOYO KOHAN CO., LTD. Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP).

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

SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 B32B 23/04, 23/18, B65D 85/00

(11) WO 02/076730 (13) A1

(21) PCT/US02/08917

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 09/813,777 21 Mar/mar 2001 US
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BIODEGRADABLE AND EDIBLE
FEED PACKAGING MATERIALS

• MATERIAUX D'EMBALLAGE BIODE-
GRADABLES ET COMESTIBLES

(71) KANSAS STATE UNIVERSITY RE-
SEARCH FOUNDATION [US/US]; 1500
Hayes Drive, Manhattan, KS 66502 (US).
KANSAS ADVANCED TECHNOLO-
GIES, INC. [US/US]; 1500 Hayes Drive,
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les États désignés sauf US)*

(72, 75) SUN, Xiuzhi [US/US]; 1735 Kings
Road, Manhattan, KS 66502 (US). KARR,
Greggory, S. [US/US]; 2004 Magnolia Lane,
Manhattan, KS 66502 (US).

(74) COLLINS, John, M.; Hovey Williams LLP,
Suite 400, 2405 Grand Boulevard, Kansas
City, MO 64108 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 B32B 27/00, D01F 1/02, B29C 71/00

(11) WO 02/076731 (13) A1

(21) PCT/US02/07931

(22) 15 Mar/mar 2002 (15.03.2002)

(25) en (26) en

(30) 09/817,013 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONDRAPABLE HYDROPHOBIC
NONWOVEN WEB AND METHOD
OF MAKING SAME

• VOILE NON TISSE HYDROPHOBE
AGREABLE AU TOUCHER ET PRE-
SENTANT UNE BONNE DRAPABILITE
ET PROCEDE DE PRODUCTION D'UN
TEL VOILE

(71) FIRST QUALITY NONWOVENS, INC.
[US/US]; 270 Walker Drive, Suite 106, State
College, PA 16801 (US).

(72) KAUSCHKE, Michael; Kaps 1, 83253
Rimsting (DE). TURI, Mordechai; 22 Reed
Drive North, Princeton Junction, NJ 08550
(US).

(74) ROSENBERG, Neal, L. et al. / etc.; 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 CH CY DE DK ES
FI FR GB GR IE IT 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 B32B 27/04

(11) WO 02/076732 (13) A1

(21) PCT/US02/09011

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/815,077 22 Mar/mar 2001 US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELECTROLUMINESCENT SIGN

• PANNEAU ELECTROLUMINESCENT

(71) LUMIMOVE, INC. [US/US]; 950 Bolger
Court, Fenton, MO 63026 (US).

(72) MURASKO, Matthew; 408 Marine Avenue,
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Patrick, J.; 1348 Remington Oaks Terrace,
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8661 Burton Avenue, St. Louis, MO 63114
(US). CARROLL, Kevin; 9 Falling Leaf
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(74) RUDY, William, A.; Lathrop & Gage LC,
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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 PL PT RO RU SD
SE SG SI SK SL TJ TM TN TR TT TZ UA UG
UZ VN YU ZA ZW.

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

Declarations / Déclarations :

*(s) for all designations / pour toutes les
designations*

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

(51)⁷ B32B 27/20, 27/32

(11) WO 02/076733 (13) A1

(21) PCT/GB02/01355

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 0107342.8 23 Mar/mar 2001 GB
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYNTHETIC PAPER

• PAPIER SYNTHETIQUE

(71) ARJOBEX LIMITED [GB/GB]; Stephen-
son Road, Clacton-on-Sea, Essex CO15 4NS
(GB).

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les États désignés sauf US)*

(72, 75) DALGLEISH, David, Thomson
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6ES (GB). SANDS, Matthew, Richard
[GB/GB]; Wheatlands, Boxted Church Road,
Great Horkeley. Colchester, Essex CO6
4AL (GB).

(74) NORRIS, Richard, John; Intellectual Prop-
erty Department, Arjo Wiggins Appleton
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Beaconsfield, Buckinghamshire HP9 1RT
(GB).

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

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

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

Published / Publiée : (c)

(51)⁷ B32B 27/28, 27/08, 1/08, F16L 11/04,
11/08

(11) WO 02/076734 (13) A1

(21) PCT/US02/09689

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/278,871 26 Mar/mar 2001 US
(26.03.2001)

(30) 60/283,118 11 Apr/avr 2001 US
(11.04.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TUBULAR POLYMERIC COMPOSITES
FOR TUBING AND HOSE CONSTRUC-
TIONS

• COMPOSITES POLYMERES TUBU-
LAIRES POUR CONSTRUCTIONS DE
TUBES ET DE TUYAUX

(71) PARKER HANNIFIN CORPORATION
[US/US]; 6035 Parkland Boulevard, Cleve-
land, OH 44124-4141 (US).

(72) BLASKO, Daniel, S.; 4348 Sunnybrook
Road, Kent, OH 44240 (US). FISHER,

- William, C.; 430 Portage Trail East, Cuyahoga Falls, OH 44221 (US). SWAILS, Michael, R.; 14461 Ford Road, Madison, OH 44057 (US).
- (74) MOLNAR, John, A., Jr. et al. / etc.; c/o Parker Hannifin Corporation, 6035 Parkland Boulevard, Cleveland, OH 44124 (US).
- (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 EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
- (51)⁷ B32B 31/12, 35/00, B65C 9/20, 11/02
- (11) WO 02/076736 (13) A1
- (21) PCT/US02/08534
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) en (26) en
- (30) 09/816,321 26 Mar/mar 2001 US (26.03.2001)
- (30) 10/097,869 15 Mar/mar 2002 US (15.03.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SYSTEM AND METHOD FOR RUP-TURING ENCAPSULATED ADHESIVE IN SHEET MEDIA
- SYSTEME ET PROCEDE DE RUPTURE D'UNE COLLE ENCAPSULEE DANS DES SUPPORTS EN FEUILLE
- (71) APPLETON PAPERS INC. [US/US]; 825 E. Wisconsin Avenue, P.O. Box 359, Appleton, WI 54912-0359 (US).
- (72) SCHWANTES, Todd, Arlin; 5057 Machickanee Lane, Lena, WI 54139 (US). WELLS, Jeffrey, Leigh; 2021 W. Glendale Avenue, Appleton, WI 54914 (US). WILHELMS, Steven, Michael; 3306 N. McDonald Street, Appleton, WI 54911 (US).
- (74) MIELIULIS, Benjamin; Appleton Papers Inc., Law Department, 1400 N. Rankin Street, P.O. Box 359, Appleton, WI 54912-0359 (US).
- (81) AU BR CA CN ID IL IN JP KR MX RO RU ZA.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- (51)⁷ B32B 31/20
- (11) WO 02/076737 (13) A1
- (21) PCT/US02/08789
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 06/277,757 21 Mar/mar 2001 US (21.03.2001)
- (30) 06/277,755 21 Mar/mar 2001 US (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND APPARATUS FOR LIN-EAR VIBRATION WELDING
- PROCEDE ET APPAREIL POUR SOU-DAGE PAR VIBRATION LINEAIRE
- (71) FORWARD TECHNOLOGY INDUS-TRIES, INC. [US/US]; 13500 County Road 6, Minneapolis, MN 55441 (US).
- (72) HONECK, Randy, G.; 17953 - 87th Avenue North, Maple Grove, MN 55311 (US). OSDICK, Christopher, R.; 16133 Quiet Valley Road, Lindstrom, MN 55045 (US). FAWKES, Robert, J.; 2681 Hazelwood Street, Maplewood, MN 55109 (US).
- (74) PATTERSON, James, H. et al. / etc.; Pat-terson, Thunte, Skaar & Christensen, P.A., 4800 IDS Center, 80 South 8th Street, Min-neapolis, MN 55402-2100 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B41C 1/05
- (11) WO 02/076738 (13) A1
- (21) PCT/EP02/02953
- (22) 16 Mar/mar 2002 (16.03.2002)
- (25) de (26) de
- (30) 101 13 927.6 21 Mar/mar 2001 DE (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR PRODUCING RELIEF PRINTING PLATES BY MEANS OF LASER ENGRAVING
- PROCEDE POUR PRODUIRE DES PLAQUES D'IMPRESSION EN RELIEF PAR GRAVURE AU LASER
- (71) BASF DRUCKSYSTEME GMBH [DE/DE]; Sieglestrasse 25, 70469 Stuttgart (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HILLER, Margit [DE/DE]; Friedhofsweg 2, 97753 Karlstadt (DE). LEINEN-BACH, Alfred [DE/DE]; Urloffener Str. 12, 77731 Willstätt (DE). STEBANI, Uwe [DE/DE]; Silvanerring 19, 67592 Flör-sheim-Dalsheim (DE). TELSER, Thomas [DE/DE]; Langer Wiesenweg 13, 69469 Weinheim (DE).
- (74) WICKE, Reinhard; 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B41C 1/05

(11) WO 02/076739 (13) A1

(21) PCT/EP02/02954

(22) 16 Mar/mar 2002 (16.03.2002)

(25) de (26) de

(30) 101 13 926.8 21 Mar/mar 2001 DE (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR PRODUCING FLEXOGRAPHIC PRINTING PLATES BY MEANS OF LASER ENGRAVING

- PROCEDE POUR PRODUIRE DES PLAQUES D'IMPRESSION FLEXOGRAPHIQUE PAR GRAVURE AU LASER

(71) BASF DRUCKSYSTEME GMBH [DE/DE]; 70469 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HILLER, Margit [DE/DE]; Friedhofsweg 2, 97753 Karlstadt (DE). SCHADEBRODT, Jens [DE/DE]; Neue Mainzer Strasse 71, 55129 Mainz (DE). KACZUN, Jürgen [DE/DE]; Hauptstrasse 43, 67150 Niederkirchen (DE). NIEDERSTADT, Dieter [DE/DE]; Am Haarstrang 14, 59439 Holzwickede (DE).

(74) WICKE, Reinhard; 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B41F 1/46, 31/02

(11) WO 02/076740 (13) A1

(21) PCT/US02/08493

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/813,887 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INKING SYSTEMS FOR PRINTING PRESSES

- SYSTEMES D'ENCRAGE POUR PRESSES A IMPRIMER

(71) SULLIVAN, Carol E. [US/US]; 3821 Grand Teton Ct., Irving, TX 75062 (US).
(only for / seulement pour US)

(71, 72) PRICE, James, F. [US/US]; 1305 Johns Drive, Euless, TX 76039-2628 (US).

(72) SULLIVAN, William, A.; 3821 Grant Teton Ct., Irving, TX 75062 (US).

(72, 75) GOODMAN, Robert, L. [US/US]; 736 Via Del Sur, Mesquite, TX 75150 (US).

(74) MILLER, Samuel, C., III; 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B41F 13/008

(11) WO 02/076741 (13) A1

(21) PCT/DE02/00413

(22) 5 Feb/fév 2002 (05.02.2002)

(25) de (26) de

(30) 101 14 806.2 26 Mar/mar 2001 DE (26.03.2001)

(30) 101 54 837.0 8 Nov/nov 2001 DE (08.11.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DRIVE MECHANISM OF A PRINTING UNIT

- MECANISME D'ENTRAINEMENT D'UN GROUPE D'IMPRESSION

(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) GERNER, Erich, Max, Karl [DE/DE]; Alte Bundesstr. 1, 97244 Bütthard (DE). MASUCH, Bernd, Kurt [DE/DE]; Schwarze Äcker 37, 97273 Kürnach (DE). WESCHENFELDER, Kurt, Johannes [DE/DE]; Lerchenweg 1, 97299 Zell/Main (DE).

(74) KOENIG & BAUER AKTIENGESELLSCHAFT; - Lizenzen - Patente -, Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

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

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

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B41F 13/008

(11) WO 02/076742 (13) A1

(21) PCT/DE02/00414

(22) 5 Feb/fév 2002 (05.02.2002)

(25) de (26) de

(30) 101 14 806.2 26 Mar/mar 2001 DE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DRIVE MECHANISM OF A CYLINDER

- ENTRAINEMENT D'UN CYLINDRE

(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) GERNER, Erich, Max, Karl [DE/DE]; Alte Bundesstr. 1, 97244 Bütthard (DE).

(74) KOENIG & BAUER AKTIENGESELLSCHAFT; - Lizenzen - Patente -, Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B41F 13/008

(11) WO 02/076743 (13) A1

(21) PCT/DE02/00415

(22) 5 Feb/fév 2002 (05.02.2002)

(25) de (26) de

(30) 101 14 801.1 26 Mar/mar 2001 DE (26.03.2001)

(30) 101 54 838.9 8 Nov/nov 2001 DE (08.11.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DRIVE MECHANISM OF A PRINTING UNIT

- MECANISME D'ENTRAINEMENT D'UN GROUPE D'IMPRESSION

(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) MASUCH, Bernd, Kurt [DE/DE]; Schwarze Äcker 37, 97273 Kürnach (DE).

(74) KOENIG & BAUER AKTIENGESELLSCHAFT; Lizenzen - Patente, Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B41F 13/008

(11) WO 02/076744 (13) A1

(21) PCT/DE02/00416

(22) 5 Feb/fév 2002 (05.02.2002)

(25) de (26) de

(30) 101 14 801.1 26 Mar/mar 2001 DE (26.03.2001)

(30) 101 14 806.2 26 Mar/mar 2001 DE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DRIVE SYSTEM FOR A PRINTING GROUP
• ENTRAINEMENT D'UN GROUPE D'IMPRESSION

(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) MASUCH, Bernd, Kurt [DE/DE]; Schwarze Äcker 37, 97273 Kürnach (DE).

(74) KOENIG & BAUER AKTIENGESELLSCHAFT; - Lizenzen - Patente -, Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B41F 17/00, A63B 57/00, 69/36

(11) WO 02/076745 (13) A1

(21) PCT/US02/09306

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 09/819,129 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • GOLF BALL MARKING TOOL
• OUTIL DE MARQUAGE POUR BALLE DE GOLF

(71, 72) RAMEY, Shon, C. [US/US]; 5635 Bay Creek Drive, Lake Oswego, OR 97035 (US).

(74) D'ASCENZO, David, S.; Kolisch, Hartwell, Dickinson, McCormack & Heuser, PC, 520 S.W. Yamhill Street, Suite 200, Portland, OR 97204 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B41J 2/165

(11) WO 02/076746 (13) A1

(21) PCT/AU02/00373

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) PR 3995 27 Mar/mar 2001 AU (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PRINthead ASSEMBLY CAPPING DEVICE
• DISPOSITIF DE COUVERTURE D'UN ENSEMBLE DE TETES D'IMPRESION

(71) SILVERBROOK RESEARCH PTY LTD [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SILVERBROOK, Kia [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). KING, Tobin, Allen [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(74) SILVERBROOK, Kia; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

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

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

(51)⁷ B41J 2/175

(11) WO 02/076747 (13) A1

(21) PCT/AU02/00370

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) PR 3990 27 Mar/mar 2001 AU (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PRINTER ASSEMBLY HAVING FLEXIBLE INK CHANNEL EXTRUSION
• ENSEMBLE IMPRIMANTE A EXTRUSION DE CANAL D'ENCRE SOUPLE

(71) SILVERBROOK RESEARCH PTY LTD [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SILVERBROOK, Kia [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). KING, Tobin, Allen [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(74) SILVERBROOK, KIA; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

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

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

(51)⁷ B41J 2/175

(11) WO 02/076748 (13) A1

(21) PCT/AU02/00371

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) PR 3991 27 Mar/mar 2001 AU (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PRINthead ASSEMBLY HAVING FLEXIBLE PRINTED CIRCUIT BOARD AND BUSBARS
• ENSEMBLE TETE D'IMPRESSION A CARTE IMPRIMEE FLEXIBLE ET BARRES OMNIBUS

(71) SILVERBROOK RESEARCH PTY LTD [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SILVERBROOK, Kia [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). KING, Tobin, Allen [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(74) SILVERBROOK, Kia; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

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

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

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

(51)⁷ B41J 2/175

(11) WO 02/076749 (13) A1

(21) PCT/AU02/00372

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) PR 3993 27 Mar/mar 2001 AU (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PRINTHEAD ASSEMBLY HAVING PRINTHEAD MODULES IN A CHANNEL

• ENSEMBLE TETE D'IMPRESSION POSSEDANT DES MODULES DE TETE D'IMPRESSION DANS UN CANAL

(71) SILVERBROOK RESEARCH PTY LTD [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).

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

(72, 75) SILVERBROOK, Kia [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). KING, Tobin, Allen [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(74) SILVERBROOK, Kia; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

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

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

(51)⁷ B41J 2/175

(11) WO 02/076750 (13) A1

(21) PCT/US02/06202

(22) 1 Mar/mar 2002 (01.03.2002)

(25) en (26) en

(30) 09/817,084 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DUAL SERIAL PRESSURE REGULATOR FOR INK-JET PRINTING

• REGULATEUR SERIE HAUTE PRESSION-BASSE PRESSION POUR IMPRESSION PAR JET D'ENCRE

(71) HEWLETT-PACKARD COMPANY [US/US]; Legal Department, M/S 1049, 3000 Hanover Street, Palo Alto, CA 94304-1112 (US).

(72) OTIS, David, R., Jr.; 3154 NW Johnson Ave., Corvallis, OR 97330 (US). STEINMETZ, Charles, R.; 1165 NW Overlook Dr., Corvallis, OR 97330 (US). WILSON,

John, F.; 4887 Elmwood, Corvallis, OR 97330 (US). OLSEN, David; 3118 NW Charmyr Vista, Corvallis, OR 97330 (US).

(74) BAKER, Larry, D.; HEWLETT-PACKARD COMPANY, Intellectual Property Administration, P.O. Box 272400, M/S 35, 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 CH CY DE DK ES FI FR GB GR IE IT 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 B41J 2/175

(11) WO 02/076751 (13) A1

(21) PCT/US02/08309

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(30) 09/813,679 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPROVED INK JET PRINTER INK CARTRIDGE MANUFACTURING METHOD

• PROCÉDÉ DE FABRICATION DE MODÈLE PERFECTIONNÉ DE CARTOUCHE D'ENCRE D'IMPRIMANTE À JET D'ENCRE

(71) LEXMARK INTERNATIONAL, INC. [—/US]; 740 West New Circle Road, Lexington, KY 40550 (US).

(72) DAVIS, Gerald, Floyd; 3360 Boston Road, Lexington, KY 40503 (US). KOMPLIN, Steven, Robert; 2201 Escondida Way, Lexington, KY 40515 (US).

(74) LAMBERT, D., Brent; 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B41J 2/21, 29/393

(11) WO 02/076752 (13) A1

(21) PCT/US02/08506

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/819,102 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DOT SENSING, COLOR SENSING AND MEDIA SENSING BY A PRINTER FOR QUALITY CONTROL

• DETECTION DE POINTS, DE COULEURS ET DE SUPPORTS PAR UNE IMPRIMANTE POUR CONTROLER LA QUALITE

(71) HEWLETT-PACKARD COMPANY [US/US]; 3000 Hanover Street, Palo Alto, CA 94304-1112 (US).

(72) TULLIS, Barclay J.; 1795 Guinda Street, Palo Alto, CA 94303 (US). ALLEN, Ross R.; 408 Hainline Drive, Belmont, CA 94002 (US). GAO, Jun; 437 Whisman Park Drive, 94043 Mountain View (CN). PICCIOTTO, Carl E.; 350 McKendry Place, Menlo Park, CA 94025 (US).

(74) HEMINGER, Susan E.; Hewlett-Packard Company, Legal Department, IP Section, 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B41J 2/235

(11) WO 02/076753 (13) A1

(21) PCT/AU02/00374

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) PR 3996 27 Mar/mar 2001 AU (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PRINTHEAD MODULE ASSEMBLY

• ENSEMBLE MODULE TÊTE D'IMPRESSION

(71) SILVERBROOK RESEARCH PTY LTD [AU/AU]; 393 Darling Street, Balmain, New South Wales 2041 (AU).

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

(72, 75) SILVERBROOK, Kia [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU). KING, Tobin, Allen [AU/AU]; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

(74) SILVERBROOK, Kia; Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041 (AU).

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

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

(51)⁷ B41J 02/04, G03F 09/00, G03C 05/00

(11) WO 02/076754 (13) A1

(21) PCT/US02/08294

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(30) 09/818,736 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INK JET PRINTER NOZZLE PLATE AND PROCESS THEREFOR
• PLAQUE A BUSES D'IMPRIMANTE A JET D'ENCRE ET PROCEDE CORRESPONDANT

(71) LEXMARK INTERNATIONAL, INC. [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).

(72) MRVOS, James Michael; 4637 Spring Creek Drive, Lexington, KY 40515 (US). SULLIVAN, Carl, Edmond; 289 Galloway Pike, Stamping Ground, KY 40379 (US). WILLIAMS, Gary, Raymond; 3218 Pimlico Parkway, Lexington, KY 40517 (US).

(74) LAMBERT, Brent, D.; 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B41J 11/00

(11) WO 02/076755 (13) A2

(21) PCT/US02/07640

(22) 14 Mar/mar 2002 (14.03.2002)

(25) en (26) en

(30) 09/814,455 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PAPER TRAY ADJUSTMENT PAGE
• PAGE DE REGLAGE POUR BAC A PAPIER

(71) ELECTRONICS FOR IMAGING, INC. [US/US]; 303 Velocity Way, Foster City, CA 94404 (US).

(72) MICHEL, Paul; 1541 Kentfield Avenue, Redwood City, CA 94061 (US). PIRMAN, Bradley; 1168 Palou Drive, Pacifica, CA 94404 (US).

(74) TROSINO, James; One Sansome Street, Suite 2000, #20003, San Francisco, CA 94104 (US).

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

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

(51)⁷ B41M 5/00, B41J 2/01

(11) WO 02/076756 (13) A1

(21) PCT/JP02/02936

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ja (26) ja

(30) 2001-089243 27 Mar/mar 2001 JP (27.03.2001)

(30) 2001-094867 29 Mar/mar 2001 JP (29.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INK-JET RECORDING MEDIUM
• SUPPORT D'ENREGISTREMENT POUR IMPRIMANTE A JET D'ENCRE

(71) NIPPON PAPER INDUSTRIES CO., LTD. [JP/JP]; 4-1, Ohji 1-chome, Kita-ku, Tokyo 114-0002 (JP).
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(72, 75) YOSHIDA, Yoshio [JP/JP]; Reseach Laboratory of Product Development Nippon Paper Industries Co., Ltd., 21-1, Ohji 5-chome, Kita-ku, Tokyo 114-0002 (JP). ENDO, Shoichi [JP/JP]; Reseach Laboratory of Product Development Nippon Paper Industries Co., Ltd., 21-1, Ohji 5-chome, Kita-ku, Tokyo 114-0002 (JP). TAMURA, Kinya [JP/JP]; Reseach Laboratory of Product Development Nippon Paper Industries Co., Ltd., 21-1, Ohji 5-chome, Kita-ku, Tokyo 114-0002 (JP). YAMAGUCHI, Takashi [JP/JP]; Reseach Laboratory of Product Development Nippon Paper Industries Co., Ltd., 21-1, Ohji 5-chome, Kita-ku, Tokyo 114-0002 (JP). YASUDA, Tsuyoshi [JP/JP]; Reseach Laboratory of Product Development Nippon Paper Industries Co., Ltd., 21-1, Ohji 5-chome, Kita-ku, Tokyo 114-0002 (JP).

(74) TAKITA, Seiki et al. / etc.; 7th Floor, Okano building, 41-12, Kabukicho 2-chome, Shinkjuku-ku, Tokyo 160-0021 (JP).

(81) US.

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

(51)⁷ B41M 5/26, G11B 7/24, 7/004

(11) WO 02/076757 (13) A1

(21) PCT/JP02/02707

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ja (26) ja

(30) 2001-85854 23 Mar/mar 2001 JP (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MULTI-LAYERED OPTICAL DISC
• DISQUE OPTIQUE MULTICOUCHE

(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) KUROKAWA, Kotaro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). YASUDA, Koichi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) KOIKE, Akira et al. / etc.; No.11 Mori Bldg., 6-4, Toranomom 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) 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 B41N 1/14

(11) WO 02/076758 (13) A1

(21) PCT/JP01/10243

(22) 22 Nov/nov 2001 (22.11.2001)

(25) ja (26) ja

(30) 2001-088139 26 Mar/mar 2001 JP (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HEAT-SENSITIVE PLATE MATERIAL FOR LITHOGRAPHIC PLATE FORMATION, PROCESS FOR PRODUCING THE SAME, COATING FLUID, AND LITHOGRAPHIC PLATE

• MATERIAU EN PLAQUE THERMOSENSIBLE DESTINE A LA FORMATION D'UNE PLAQUE LITHOGRAPHIQUE, PROCEDE DE PRODUCTION CORRESPONDANT, FLUIDE DE REVETEMENT, ET PLAQUE LITHOGRAPHIQUE

(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) IDE, Youichiroh [JP/JP]; Nishi-apart 1022, 100, Kawanarjima, Fuji-shi, Shizuoka 416-0939 (JP). SATO, Seiji [JP/JP]; Asahi Kasei Taishiryō 532, 140-1, Nakamaru, Fuji-shi, Shizuoka 416-0933 (JP). HAYASHI, Minoru [JP/JP]; 345-87, Obuchi, Fuji-shi, Shizuoka 417-0801 (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 TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B42D 15/00

(11) WO 02/076759 (13) A1

(21) PCT/US01/09783

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • REFLECTIVE PRINTED ARTICLE
AND METHOD OF MANUFACTUR-
ING SAME

• ARTICLE IMPRIME REFLECHISSANT
ET SON MODE DE FABRICATION

(71) SERIGRAPH INC. [US/US]; 3801 East
Decorah Road, West Bend, WI 53095 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) SCARBROUGH, Joel, Scott [US/US];
941 Windhaven Road, Libertyville, IL 60048
(US). FAUL, Daniel, C. [US/US]; 415 Jeffer-
son Street, West Bend, WI 53090 (US).

(74) BAXTER, William, K. et al. / etc.; Godfrey
& Kahn S.C., 780 North Water Street, Mil-
waukee, WI 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN 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 B42D 15/10, 15/10, G03H 1/18, G06K
19/00

(11) WO 02/076760 (13) A1

(21) PCT/JP02/01345

(22) 18 Feb/fév 2002 (18.02.2002)

(25) ja (26) ja

(30) 2001-89615 27 Mar/mar 2001 JP
(27.03.2001)

(30) 2001-177973 13 Jun/juin 2001 JP
(13.06.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CARD TRUE/FALSE DECISION APPA-
RATUS

• APPAREIL DETECTANT SI UNE
CARTE EST VRAIE OU FAUSSE

(71) KABUSHIKI KAISHA TOPCON [JP/JP];
75-1, Hasunuma-cho, Itabashi-ku, Tokyo
174-0052 (JP).

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

(72, 75) HORI, Nobuo [JP/JP]; c/o Kabushiki
Kaisha TOPCON, 75-1, Hasunuma-cho,
Itabashi-ku, Tokyo 174-0052 (JP).
NAGANO, Shigenori [JP/JP]; c/o Kabushiki
Kaisha TOPCON, 75-1, Hasunuma-cho,
Itabashi-ku, Tokyo 174-0052 (JP).
SO-
TOYAMA, Hiroyuki [JP/JP]; c/o Kabushiki
Kaisha TOPCON, 75-1, Hasunuma-cho,
Itabashi-ku, Tokyo 174-0052 (JP).

(74) NISHIWAKI, Tamio et al. / etc.; Ginza
Gas Hall Bldg. 3F, 9-15, Ginza 7-chome,
Chuo-ku, Tokyo 104-0061 (JP).

(81) CA CN ID IN 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 B42D 15/10, 15/10, G03H 1/18, G06K
19/00, G07D 7/12

(11) WO 02/076761 (13) A1

(21) PCT/JP02/01346

(22) 18 Feb/fév 2002 (18.02.2002)

(25) ja (26) ja

(30) 2001-89336 27 Mar/mar 2001 JP
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CARD TRUE/FALSE DECISION APPA-
RATUS

• APPAREIL DE DETERMINATION DE
VRAIE/FAUSSE CARTE

(71) KABUSHIKI KAISHA TOPCON [JP/JP];
75-1, Hasunuma-cho, Itabashi-ku, Tokyo
174-0052 (JP).

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

(72, 75) HORI, Nobuo [JP/JP]; c/o Kabushiki
Kaisha TOPCON, 75-1, Hasunuma-cho,
Itabashi-ku, Tokyo 174-0052 (JP).
NAGANO, Shigenori [JP/JP]; c/o Kabushiki
Kaisha TOPCON, 75-1, Hasunuma-cho,
Itabashi-ku, Tokyo 174-0052 (JP).

(74) NISHIWAKI, Tamio et al. / etc.; Ginza
Gas Hall Bldg. 3F, 9-15, Ginza 7-chome,
Chuo-ku, Tokyo 104-0061 (JP).

(81) CA CN ID IN 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 B43K 7/00

(11) WO 02/076762 (13) A1

(21) PCT/KR02/00474

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ko (26) en

(30) 2001-0014362 20 Mar/mar 2001 KR
(20.03.2001)

(30) 2001-0016730 30 Mar/mar 2001 KR
(30.03.2001)

(30) 2001-0016731 30 Mar/mar 2001 KR
(30.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A WRITING INSTRUMENT WHICH
HAS A CAP THAT COULD EX-
CHANGE CARTRIDGE CONTAINING
LIQUID INK

• INSTRUMENT D'ECRITURE POURVU
D'UN CAPUCHON POUVANT AVOIR
LA FONCTION D'UNE CARTOUCHE
CONTENANT DE L'ENCRE LIQUIDE

(71) PRINTECH CO., LTD. [KR/KR]; Dae-
got-myeon 411-1, Gimpo-si, 415-851
Gyeonggi-do (KR).

(72) KIM, Jangyou; Sinjeong-dong 761-55,
Yangcheon-gu, 158-070 Seoul (KR).

(74) HWANG, Byungdo; Patra Patent and
Trademark Law Office, Rm206, Regent Of-
ficetel B/D 547-8, Guui-dong, Gwangjin-ku,
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 KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 B43K 8/04

(11) WO 02/076763 (13) A1

(21) PCT/US02/11304

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/278,716 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FREE INK SYSTEM

• SYSTEME A ENCRE LIBRE

(71) SANFORD L.P. [US/US]; 29 East Stephen-
son Street, Freeport, IL 60132 (US).

(72) WITZ, Wolfgang; 11 Maple Tree Court,
Elmhurst, IL 60126 (US). BASTIANSEN,
Bernd; Pferdekoppel 17, 22880 Wedel (DE).
POLLEY, Ralf; Parkweg 30, 22880 Wedel
(DE).

(74) MUCZYNSKI, Michael; Marshall, Gerstein
& Borun, 6300 Sears Tower, 233 S. Wacker
Drive, Chicago, IL 60606 (US).

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

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

(51)⁷ B44C 1/00

(11) WO 02/076764 (13) A2

(21) PCT/US02/08890

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 2001-87453 26 Mar/mar 2001 JP
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SHEET FOR FORMING GRAPHICS
AND GRAPHICS-DISPLAYING SHEET

• FEUILLE SERVANT A CREER ET A AF-
FICHER DES ILLUSTRATIONS GRA-
PHIQUES

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

(72, 75) **TAKEDA, Yasuyuki** [JP/JP]; 2-15-15 Fujimi No. 205, Sagamihara, Kanagawa 229 (JP).

(74) **PETERS, Carolyn, V. et al. / etc.**; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU 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 SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 **B44D 3/12**

(11) **WO 02/076765** (13) A1

(21) PCT/EP02/03236

(22) **19 Mar/mar 2002 (19.03.2002)**

(25) en (26) en

(30) 0107326.1 **23 Mar/mar 2001 GB (23.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **PAINT-CAN WITH BRUSWIPER**

• **BIDON DE PEINTURE MUNI D'UN ES-SUIE-BROSSE**

(71) **IMPERIAL CHEMICAL INDUSTRIES PLC** [GB/GB]; 20 Manchester Square, London W1U 3AN (GB).

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

(72, 75) **BOOTH, Peter** [GB/GB]; 7 Kingsbury Terrace, Marlborough, Wiltshire SN8 1GJ (GB). **PEACOP, Alexander, James** [GB/GB]; Flat 4, The Stable Block, Tottenham House, Severnake Forest, Marlborough, Wiltshire SN8 2BD (GB).

(74) **COOPER, Alan, Victor**; ICI Paints, Patents & Trade Marks Section, Legal Affairs Dept., Wexham Road, Slough Berkshire SL2 5FD (GB).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **B60B 30/10**

(11) **WO 02/076766** (13) A1

(21) PCT/MX01/00062

(22) **13 Aug/août 2001 (13.08.2001)**

(25) es (26) es

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **RIM WITH TIRE MOUNTING DEVICE FOR AUTOMOBILES AND VANS**

• **DISPOSITIF DE MONTAGE DE JANTES POUR AUTOMOBILES ET CAMIONNETTES**

(71) **RUIZ SOUZA, Flavio Othon** [MX/MX]; Paseo de Las Flores 138, Col. Club de Golf Los Naranjos, León, Guanajuato 37210 (MX).

(71, 72) **RUIZ OLIVERAS, Flavio Rodrigo** [MX/MX]; Paseo de Las Flores 138, Col. Club de Golf Los Naranjos, León, Guanajuato 37210 (MX).

(74) **RUIZ SOUZA, Flavio Othon**; Paseo de Las Flores 138, Col. Club de Golf Los Naranjos, León, Guanajuato 37210 (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 US UZ VN YU ZA ZW.

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

Published / Publiée : (a), (f)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **B60C 9/02**

(11) **WO 02/076767** (13) A1

(21) PCT/KR01/01483

(22) **31 Aug/août 2001 (31.08.2001)**

(25) ko (26) en

(30) 2001/14259 **20 Mar/mar 2001 KR (20.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **PNEUMATIC TIRE WITH REINFORCED BEAD PART**

• **PNEUMATIQUE**

(71) **KUMHO INDUSTRIAL CO.,LTD.** [KR/KR]; 49-1, Kwangcheon-dong, Seo-ku, Kwangju-shi 502-712 (KR).

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

(72, 75) **CHUNG, Doh-Zong** [KR/KR]; 106-605, Ilshin Apt., Wolgok2-dong, Kwangsan-ku, Kwangju-shi 506-777 (KR). **PARK, Bok-Soo** [KR/KR]; 102-1406, Kumho Apt., Wolkye-dong, Kwangsan-ku, Kwangju-shi 506-767 (KR). **LEE, Myung-Jin** [KR/KR]; 202-1303, Woosan-jungong Apt., Woosan-dong, Kwangsan-ku, Kwangju-shi 506-757 (KR).

(74) **YIM, Suk-Jae et al. / etc.**; 8th Floor, Poonglim Bldg., 823-1, Yeoksam-dong, Kangnam-ku, Seoul 135-784 (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 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 **B60C 19/12, B29C 73/22 // B29L 30:00**

(11) **WO 02/076768** (13) A1

(21) PCT/JP02/02499

(22) **15 Mar/mar 2002 (15.03.2002)**

(25) ja (26) ja

(30) 2001-78244 **19 Mar/mar 2001 JP (19.03.2001)**

(30) 2002-63316 **8 Mar/mar 2002 JP (08.03.2002)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **SELF-SEAL TIRE AND METHOD OF PRODUCING THE SAME**
• **PNEU AUTO-OBTURANT ET PROCEDE DE FABRICATION**

(71) **THE YOKOHAMA RUBBER CO.,LTD.** [JP/JP]; 36-11, Shimbashi 5-chome, Minato-ku, Tokyo 105-8685 (JP). **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).

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

(72, 75) **NAITO, Mitsuru** [JP/JP]; C/O The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-8601 (JP). **TAKEYAMA, Hidekazu** [JP/JP]; C/O The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-8601 (JP). **MAKINO, Satoshi** [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **MIYATANI, Yasuhiro** [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). **TOYOSHIMA, Takayuki** [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).

(74) **OGAWA, Shin-ichi et al. / etc.**; Ogawa, Noguchi & Saika International Patent Office, Akiyama Building, 22-13, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CA CN KR US.

(84) EP (DE FR GB).

(51)⁷ **B60C 19/12, B29C 73/20 // B29L 30:00**

(11) **WO 02/076769** (13) A1

(21) PCT/JP02/02846

(22) **25 Mar/mar 2002 (25.03.2002)**

(25) ja (26) ja

(30) 2001-90553 **27 Mar/mar 2001 JP (27.03.2001)**

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PNEUMATIC TIRE
• BANDAGE PNEUMATIQUE
- (71) THE YOKOHAMA RUBBER CO.,LTD. [JP/JP]; 36-11, Shimbashi 5-chome, Minato-ku, Tokyo 105-8685 (JP). HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUKUTOMI, Takashi [JP/JP]; C/O The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-8601 (JP). MAKINO, Satoshi [JP/JP]; C/O KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). TOYOSHIMA, Takayuki [JP/JP]; C/O KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP).
- (74) OGAWA, Shin-ichi et al. / etc.; Ogawa, Noguchi & Saika International Patent Office, Akiyama Building, 22-13, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CA MX US.
- (84) EP (DE FR GB).

- (51)⁷ B60C 23/00
- (11) WO 02/076770 (13) A1
- (21) PCT/EP02/02903
- (22) 15 Mar/mar 2002 (15.03.2002)
- (25) en (26) en
- (30) 01830195.2 21 Mar/mar 2001 EP (21.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PRESSURE CONTROLLING AND ADJUSTING SYSTEM FOR TYRES, PARTICULARLY FOR MOTOR VEHICLES
• SYSTEME DE COMMANDE ET DE REGLAGE DE LA PRESSION DE PNEUS, DESTINE NOTAMMENT A DES VEHICULES A MOTEUR
- (71, 72) BALDO, Massimo [IT/IT]; Frazione Feilley, 16, I-11027 Saint Vincent (IT).
- (74) GARAVELLI, Paolo; A.Bre.Mar. S.r.l., Via Servais, 27, I-10146 Torino (IT).
- (81) AE AG AL AU BA BB BG BR BZ CA CN CO CR CU CZ DMDZ EE GD HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NZ PL RO SG SI SK TT UA US VN YU ZA.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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

- (51)⁷ B60C 23/10, 29/00, B60T 13/00, 8/34, 8/72
- (11) WO 02/076771 (13) A1
- (21) PCT/US02/05053
- (22) 6 Feb/fév 2002 (06.02.2002)
- (25) en (26) en

- (30) 09/815,121 22 Mar/mar 2001 US (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMBINATION OF AN AUTOMATIC TIRE INFLATION SYSTEM AND ANTI-LOCKING BRAKING SYSTEM
• COMBINAISON D'UN SYSTEME DE GONFLAGE AUTOMATIQUE DE PNEU ET D'UN SYSTEME DE FREINAGE ANTIBLOCAGE
- (71) EQUALAIRE SYSTEMS, INC. [US/US]; 1414 Corn Products Road, Corpus Cristi, TX 78409 (US).
- (72) HENNIG, Mark, Kevin; 13942 Cabana North, Corpus Christi, TX 78418 (US).
- (74) STOUT, William, A.; 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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B60G
- (11) WO 02/076772 (13) A2
- (21) PCT/US02/08324
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) en (26) en

- (30) 09/814,147 21 Mar/mar 2001 US (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • VEHICLE SUSPENSION
• SUSPENSION DE VEHICULE
- (71) DANA CORPORATION [US/US]; 4500 Dorr Street, Toledo, OH 43615 (US).
- (72) SCHLOSSER, Kraig; 4689 East S. R. 14, Columbia City, IN 46725 (US). BLESSING, Martin; 2711 Spring Creek Drive, Fort Wayne, IN 46808 (US). DAVISON, Kent; 485 E. Morsches Road, Columbia City, IN 46725 (US).
- (74) KOLAKOWSKI, William, F.; Dykema Gossett PLLC, Suite 300, 39577 Woodward Avenue, 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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B60G 3/26, 7/02, B62D 3/12
- (11) WO 02/076773 (13) A1
- (21) PCT/GB02/01423
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) en (26) en
- (30) 0107629.8 27 Mar/mar 2001 GB (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MOTOR VEHICLES
• VEHICULES A MOTEUR
- (71) RICARDO MTC LIMITED [GB/GB]; Southam Road, Radford Semele, Leamington Spa, Warwickshire CV31 1FQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DASON-BARBER, Elliot [GB/GB]; 58 Pembroke Gardens, Wellesbourne, Warwickshire CV35 9PX (GB).
- (74) JENNINGS, Nigel, Robin et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B60H 1/00, B60K 37/00
- (11) WO 02/076774 (13) A1
- (21) PCT/FR02/00559
- (22) 14 Feb/fév 2002 (14.02.2002)
- (25) fr (26) fr
- (30) 01/04021 26 Mar/mar 2001 FR (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PANEL COMPRISING ELEMENTS FOR CONTROLLING THE AIR CONDITIONING IN A VEHICLE
• TABLEAU COMPRENANT DES ORGANES POUR COMMANDER LA CLIMATISATION D'UN VEHICULE
- (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) DORTINDEGUEY, Nicolas [FR/FR]; 6 impasse Adèle Mulot, F-78000 Versailles (FR). GRISOT, Sylvain [FR/FR]; 45 rue de Glatigny, F-78150 Le Chesnay (FR).
- (74) HILLION, Didier; Renault Technocentre, Sce 0267 TCR AVA 056, 1 avenue du Golf, F-78288 Guyancourt (FR).
- (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 B60J 1/00, 1/20
(11) WO 02/076775 (13) A1
(21) PCT/US02/09693
(22) 27 Mar/mar 2002 (27.03.2002)
(25) en (26) en
(30) 09/820,184 27 Mar/mar 2001 US (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SACRIFICIAL SHIELD FOR WINDOW ASSEMBLY
• ECRAN DE PROTECTION REMPLAÇABLE POUR ENSEMBLE FENETRE
- (71) TRANSIT CARE, INC. [US/US]; 42882 Ivy Street, Murrieta, CA 92562 (US).
- (72) FARRAR, Jerry, L.; 14480 Highland Home Road, Banning, CA 92220 (US).
- (74) ALTMAN, Daniel, E.; Knobbe, Martens, Olson and Bear, LLP, 620 Newport Center Drive, 16th Floor, Newport Beach, CA 92660 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B60J 5/04
(11) WO 02/076776 (13) A1
(21) PCT/US02/08999
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 60/277,908 22 Mar/mar 2001 US (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR MANUFACTURING A VEHICULAR DOOR ASSEMBLY
• PORTIERE D'AUTOMOBILE CONTENANT UNE UNITE ESCAMOTABLE MODULAIRE
- (71) INTIER AUTOMOTIVE INC. [US/US]; 600 Wilshire Drive, Troy, MI 48084 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) O'BRIEN, Timothy, F. [US/US]; 1321 Corey Cove, White Lake, MI 48383 (US). FRITSCH, Manfred [US/US]; 4501 Woodcock Way, Highland, MI 48357 (US). WENGLINSKI, Daniel, E. [US/US]; 8025 Lincoln, Taylor, MI 48180 (US). SHAFER, Russell, P., Jr. [US/US]; 4239 Timberview Drive, Howell, MI 48843 (US).
- (74) SIMONELLI, David, J. et al. / etc.; Clark Hill PLC, Suite 3500, 500 Woodward Avenue, Detroit, MI 48226-3435 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B60J 10/00
(11) WO 02/076778 (13) A1
(21) PCT/DE02/01102
(22) 26 Mar/mar 2002 (26.03.2002)
(25) de (26) de
(30) 101 15 091.1 27 Mar/mar 2001 DE (27.03.2001)
(30) 101 42 288.1 29 Aug/août 2001 DE (29.08.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND DEVICE FOR ATTACHING SUPPORT SECTIONS FOR RUBBER SEALS TO AUTOMOBILE BODY PARTS AND CORRESPONDING SUPPORT SECTION
• PROCEDE ET DISPOSITIF D'APPLICATION DE PROFILS SUPPORTS POUR JOINTS EN CAOUTCHOUC SUR DES CARROSSERIES AUTOMOBILES, ET PROFIL SUPPORT Y RELATIF
- (71) SAAR-GUMMIWERK GMBH [DE/DE]; Eisenbahnstrasse, 66687 Wadern-Büschfeld (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEHR, Ralf [DE/DE]; Zum Kammerforst 32, 66679 Losheim am See (DE). BICKEL, Ralf [DE/DE]; Reimsbacher Strasse 10, 66701 Beckingen (DE).
- (81) BR CA IN RO 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 B60K
(11) WO 02/076779 (13) A2
(21) PCT/US02/08981
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 60/278,901 26 Mar/mar 2001 US (26.03.2001)
(30) 10/023,306 17 Dec/déc 2001 US (17.12.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • FULL-TIME ALL-WHEEL DRIVE POWER TAKE-OFF UNIT FOR MOTOR VEHICLE
• PRISE DE FORCE SUR TRANSMISSION DE PUISSANCE INTEGRALE PERMANENTE POUR VEHICULE A MOTEUR
- (63) US 10/023,306 (CON) 26 Mar/mar 2001 (26.03.2001)
- (71) NEW VENTURE GEAR, INC. [US/US]; Suite 300, 1650 Research Drive, Troy, MI 48083 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOWEN, Thomas, C. [US/US]; 905 Lafayette Court, Rochester Hills, MI 48307 (US). PORTER, Fred, C. [US/US]; 31065 Stafford Drive, Beverly Hills, MI 48025 (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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B60J 10/00
(11) WO 02/076778 (13) A1
(21) PCT/DE02/01102
(22) 26 Mar/mar 2002 (26.03.2002)
(25) de (26) de
(30) 101 15 091.1 27 Mar/mar 2001 DE (27.03.2001)
(30) 101 42 288.1 29 Aug/août 2001 DE (29.08.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND DEVICE FOR ATTACHING SUPPORT SECTIONS FOR RUBBER SEALS TO AUTOMOBILE BODY
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ

DE DK DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH 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 B60K 31/00, G01S 13/72, G08G 1/16

(11) WO 02/076780 (13) A1

(21) PCT/DE02/00305

(22) 30 Jan/jan 2002 (30.01.2002)

(25) de (26) de

(30) 101 14 187.4 23 Mar/mar 2001 DE
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR ASSIST-
ING A OVERTAKING MANEUVER IN
MOTOR VEHICLES

• PROCEDE ET DISPOSITIF ASSISTANT
UNE MANOEUVRE DE DEPASSE-
MENT POUR DES VEHICULES AUTO-
MOBILES

(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) WINNER, Hermann [DE/DE];
Theodor-Roessler-Str. 18, 76467 Bietigheim
(DE). LAUXMANN, Ralph [DE/DE];
Theodor-Storm-Strasse 25, 70825 Korn-
tal-Muenchingen (DE). IRION, Albrecht
[DE/DE]; Schaedleweg 2, 70563 Stuttgart
(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 B60K 31/00

(11) WO 02/076781 (13) A1

(21) PCT/EP02/03329

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) TO2001A000282 26 Mar/mar 2001 IT
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A MOTOR VEHICLE DRIVING AID
SYSTEM

• SYSTEME D'ASSISTANCE A LA
CONDUITE D'UN VEHICULE A MO-
TEUR

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

(72, 75) ALBERO, Domenico [IT/IT]; Via
Legnano, 38/A, I-10098 Rivoli (IT). AN-
TONELLO, Pier, Claudio [IT/IT]; Via
Antica di Susa, 19, I-10064 Pinerolo (IT).
CAMPO, Sebastiano [IT/IT]; Piazza Sofia,
22, I-10154 Torino (IT). CHINU, Angela
[IT/IT]; Via San Paolo, 4, I-10138 Torino
(IT). CICILLONI, Renzo [IT/IT]; Via
Tripoli, 19, I-10136 Torino (IT). CITELLI,

Silvia [IT/IT]; Via Circonvallazione, 49,
I-10018 Pavone Canavese (IT). MIGLI-
ETTA, Maurizio [IT/IT]; Via Po VII, 136,
I-10127 Torino (IT). MURDOCCO, Vin-
cenzo [IT/IT]; Via Sansovino, 112, I-10151
Torino (IT). QUENDA, Valter [IT/IT]; Via
Buenos Aires, 96/A, I-10137 Torino (IT).
SAROLDI, Andrea [IT/IT]; Corso Turati,
25/5, I-10128 Torino (IT).

(74) QUINTERNO, Giuseppe et al. / etc.; Ja-
cobacci & Partners SPA, Corso Regio Parco,
27, I-10152 Torino (IT).

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

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

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU AZ
BA BB BG BR BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH 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 B60L

(11) WO 02/076782 (13) A2

(21) PCT/US02/08768

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/279,142 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELECTRICAL POWER STORAGE AND
DELIVERY USING MAGNETIC LEVI-
TATION TECHNOLOGY

• STOCKAGE ET DISTRIBUTION DE
COURANT ELECTRIQUE A L'AIDE
D'UNE TECHNIQUE DE LEVITATION
MAGNETIQUE

(71, 72) POWELL, James, Russell [US/US];
P.O. Box 54, Shoreham, NY 11786 (US).

(74) PARKHURST, David, G. et al. / etc.; Ful-
wider Patton Lee & Utecht, LLC, 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 US UZ VN YU ZA ZM ZW.

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

(51) B60L 1/00

(11) WO 02/076783 (13) A1

(21) PCT/IB01/01682

(22) 13 Sep/sep 2001 (13.09.2001)

(25) en (26) en

(30) 0107313.9 23 Mar/mar 2001 GB
(23.03.2001)

(30) PCT/IB01/01488 17 Aug/août 2001 IB
(17.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELECTRICAL VEHICLE/S WITH DE-
TACHABLE POWER SUPPLY UNIT

• VEHICULES ELECTRIQUES COM-
PRENANT UNE UNITE D'ALIMENTA-
TION AMOVIBLE

(71, 72) SUI, See, Chun [CN/CN]; Room G, 1/F,
KA ON Building, 8-14 Connaught Road,
West, Hong Kong (CN).

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

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

Published / Publiée : (a)

(51)⁷ B60N 2/02

(11) WO 02/076784 (13) A1

(21) PCT/US02/08763

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/816,052 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SEATBACK LATCH MECHANISM
WITH PIVOTING LOCKING PIN

• MECANISME DE VERROUILLAGE DE
DOSSIER DE SIEGE A TIGE DE BLO-
CAGE PIVOTANTE

(71) FISHER DYNAMICS CORPORATION
[US/US]; 33300 Freeway Drive, St. Clair
Shores, MI 48082 (US).

(72) ZARNA, William; 49288 Morning Glory
Drive, Macomb, MI 48044 (US). OHSIEK,
Rick, L.; 2266 Purcell Drive, Sterling
Heights, MI 48310 (US). YU, Shihong; 4537
Lehigh Drive, Troy, MI 48098 (US).

(74) BROCK, Christopher, M. et al. / etc.; Har-
ness, Dickey & Pierce, P.L.C., P.O. Box 828,
Bloomfield Hills, MI 48303 (US).

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

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

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

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ B60N 2/48

(11) WO 02/076785 (13) A1

(21) PCT/PL02/00026

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) P-346678 26 Mar/mar 2001 PL (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HEADREST BRACKET

• SUPPORT D'APPUI-TETE

(71) GESTIND POLAND SP.ZO.O. [PL/PL]; ul. Miedzyrzeczka 16, PL-43-382 Bielsko-Biala (PL).

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

(72, 75) DE FILIPPO, Emilio [IT/PL]; ul. 3 Maja 19, PL-43-300 Bielsko-Biala (PL).

(74) INDEKA-CHROMIK, Alicja; ul. Szwa-jcarska Dolina 29, PL-43-502 Czechowice-Dziedzice (PL).

(81) BR US.

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

(51)⁷ B60P 7/15, B60R 7/02

(11) WO 02/076786 (13) A1

(21) PCT/EP02/03557

(22) 28 Mar/mar 2002 (28.03.2002)

(25) de (26) de

(30) 201 06 403.0 28 Mar/mar 2001 DE (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE FOR SECURING ARTICLES IN A VEHICLE

• DISPOSITIF PERMETTANT DE RANGER DES OBJETS DANS UN VEHICULE

(71, 72) KUCHLER, Marcus [DE/DE]; Schraudolphstrasse 2a, 80799 München (DE).

(74) STREHL, SCHÜBEL-HOPF & PARTNER; Maximilianstrasse 54, 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 CH CY DE DK ES FI FR GB GR IE IT 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 B60Q

(11) WO 02/076787 (13) A2

(21) PCT/US01/50682

(22) 27 Dec/déc 2001 (27.12.2001)

(25) en (26) en

(30) 09/815,071 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROJECTOR HOUSING WITH INTEGRAL FAN SHROUD

• BOITIER DE PROJECTEUR A DEFLECTEUR DE VENTILATEUR INTEGRE

(71) INFOCUS CORPORATION [US/US]; 27700B SW Parkway Avenue, Wilsonville, OR 97070 (US).

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

(72, 75) PAYNE, David, G. [US/US]; 6680 SW 199th Court, Aloha, OR 97007 (US).

(74) WOLFE, James, L.; Steel Rives LLP, 900 SW Fifth Avenue, Suite 2600, Portland, OR 97204-1268 (US).

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

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

(51)⁷ B60Q 1/30, 1/26, F21V 7/00, F21Y 101/02

(11) WO 02/076788 (13) A1

(21) PCT/US02/07513

(22) 12 Mar/mar 2002 (12.03.2002)

(25) en (26) en

(30) 60/278,929 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • VEHICULAR LAMP ASSEMBLY WITH A SIMPLIFIED STRUCTURE AND CHMSL AND TAIL LAMP INCORPORATING THE SAME

• BLOC OPTIQUE À STRUCTURE SIMPLIFIÉE POUR AUTOMOBILE, FEU ROUGE CENTRAL HAUT ET OPTIQUE DE FEUX ARRIÈRES UTILISANT UN TEL BLOC

(71) MERIDIAN AUTOMOTIVE SYSTEMS, INC. [US/US]; 550 Town Center Drive, Suite 475, Dearborn, MI 48126 (US).

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

(72, 75) MALONE, Brian, J. [US/US]; 2613 Banton Drive, Wyoming, MI 49509 (US). NYKERK, Todd, M. [US/US]; 710 Park

Avenue, Holland, MI 49423 (US). KELLY, Timothy, J. [US/US]; 135 Dean Street, N.E., Grand Rapids, MI 49505 (US).

(74) DRUTCHAS, Grantland, G.; 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 CH CY DE DK ES FI FR GB GR IE 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 B60Q 11/00, B60R 16/02, G01R 31/44

(11) WO 02/076789 (13) A1

(21) PCT/SE02/00422

(22) 8 Mar/mar 2002 (08.03.2002)

(25) sv (26) en

(30) 0101003-2 22 Mar/mar 2001 SE (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM AND METHOD FOR SUPERVISION

• SYSTEME ET PROCEDE DE SUPERVISION

(71) VOLVO LASTVAGNAR AB [SE/SE]; S-405 03 Göteborg (SE).

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

(72, 75) JOHANSSON, Michael [SE/SE]; Stam-sjöslingan 4, S-443 92 Lerum (SE). BLOM-STRAND, Mats [SE/SE]; Kulturvägen 16, S-541 53 Skövde (SE).

(74) FRÖHLING, Werner; Volvo Teknisk Utveckling AB, Patentavdelningen 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 1/06, 1/02, 1/074, 1/076

(11) WO 02/076790 (13) A1

(21) PCT/AU02/00353

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) PR 3954 26 Mar/mar 2001 AU (26.03.2001)

- (30) PR 8300 17 Oct/oct 2001 AU (17.10.2001)
- (30) PR 9315 6 Dec/déc 2001 AU (06.12.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • EXTERNAL VEHICLE MIRROR HAVING A SELF-LOADING PIVOT AND AN END STOP
- RETROVISEUR EXTERIEUR DE VEHICULE AYANT UN PIVOT A AUTO-CONTRAINTE ET UNE BUTEE DE FIN DE COURSE
- (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) SCHUURMANS, Maartin [AU/AU]; Sherriffs Road, Lonsdale, S.A. 5160 (AU).
HOLBROOK, Michael [AU/AU]; Sherriffs Road, Lonsdale, S.A. 5160 (AU).
- (74) MELVILLE, T., A.; Madderns, Level 1, 64 Hindmarsh Square, Adelaide, S.A. 5000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B60R 1/072, 1/06, 1/00
- (11) WO 02/076791 (13) A1
- (21) PCT/AU02/00352
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (30) PR 3955 26 Mar/mar 2001 AU (26.03.2001)
- (30) PR 3953 26 Mar/mar 2001 AU (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • VEHICLE EXTERNAL MIRROR WIRING INTEGRATION
- CABLAGE INTEGRE DE RETROVISEUR EXTERNE DE VEHICULE
- (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) SCHUURMANS, Maarten [AU/AU]; Sherriffs Road, Lonsdale, S.A. 5160 (AU).
GILBERT, Robert [AU/AU]; Sherriffs Road, Lonsdale, S.A. 5160 (AU).
- (74) MADDERNS PATENT & TRADE MARK ATTORNEYS; 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B60R 5/04
- (11) WO 02/076792 (13) A1
- (21) PCT/CA02/00418
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (30) 60/278,912 26 Mar/mar 2001 US (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MID STRUCTURAL MODULE
- MODULE DE STRUCTURE INTERMEDIAIRE
- (71) MAGNA INTERNATIONAL INC. [CA/CA]; 337 Magna Drive, Aurora, Ontario L4G 7K1 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BROADHEAD, Douglas, G. [CA/CA]; 4 Penrose Crt, Brampton, Ontario L6Z 4P1 (CA).
HARNEY, William, J. [CA/CA]; 216 Roslin avenue, Toronto, Ontario M4N 1Z6 (CA).
JANKOVIC, Tomislav [CA/CA]; 1320 Islington avenue, Ste. 606, Toronto, Ontario M9A 5C6 (CA).
O'BRIEN, Timothy, F. [US/US]; 1321 Corey Cove, White Lake, MI 48383 (US).
FRITSCH, Manfred [US/US]; 4501 Woodcock Way, Highland, MI 48357 (US).
LIU, Gordon [CA/CA]; 838 Marcuz Court, Windsor, Ontario N9G 2T3 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
-
- (51)⁷ B60R 11/02, H01R 13/24, 13/646, 17/12
- (11) WO 02/076793 (13) A1
- (21) PCT/DE02/00951
- (22) 16 Mar/mar 2002 (16.03.2002)
- (25) de (26) de
- (30) 101 13 905.5 21 Mar/mar 2001 DE (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MOBILE TELEPHONE DEVICE COMPRISING MULTIWIRE ELECTRICAL CONNECTION DEVICES

- DISPOSITIF DE TELEPHONIE MOBILE A MOYENS DE CONNEXION ELECTRIQUES MULTIFILAIRES
- (71) AUDIOTON KABELWERK GMBH [DE/DE]; Bahnhofstrasse 8, 91443 Scheinfeld (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHLEGEL, Thomas [DE/DE]; Birkacher Strasse 5, 90453 Nürnberg (DE).
- (74) KÖHLER, Walter; Louis, Pöhlau, Lohrenz & 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
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- (51)⁷ B60R 16/00
- (11) WO 02/076794 (13) A2
- (21) PCT/US02/07343
- (22) 8 Mar/mar 2002 (08.03.2002)
- (25) en (26) en
- (30) 60/274,269 8 Mar/mar 2001 US (08.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • WAKE UP SYSTEM FOR ELECTRONIC COMPONENT SUPPORTED ON A VEHICLE
- SYSTEME D'EVEIL POUR COMPOSANT ELECTRONIQUE EMBARQUE DANS UN VEHICULE
- (71) SIEMENS VDO AUTOMOTIVE CORPORATION [US/US]; 2400 Executive Hills Drive, Auburn Hills, MI 48326-2980 (US).
- (72) STIERLE, Thomas; 201 N. Squirrel Road, Auburn Hills, MI 48326 (US).
PAYANT, Andre; * (**).
MARTINEZ, Daniel, A.; * (**).
- (74) SLENZAK, Laura; c/o Keller, Elsa, Siemens Corporation, 186 Wood Avenue South, Iselin, NJ 08830 (US) et al. / etc.
- (81) DE.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ B60R 16/02, 25/04
- (11) WO 02/076795 (13) A1
- (21) PCT/SE02/00607
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) sv (26) en
- (30) 0101045-3 26 Mar/mar 2001 SE (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DEVICE FOR VEHICLES
- DISPOSITIF POUR 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) **ANDERSSON, Björn** [SE/SE]; Barkassvägen 7, S-439 35 Onsala (SE).
SKORUPA, Mikael [SE/SE]; Lyckevägen 6, S-435 42 Mölnlycke (SE).
- (74) **ALBIHNS GÖTEBORG AB**; Box 142, S-401 22 Göteborg (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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) **B60S 1/08**
- (11) **WO 02/076796** (13) A1
- (21) PCT/DE01/04764
- (22) **14 Dec/déc 2001 (14.12.2001)**
- (25) de (26) de
- (30) 101 13 678.1 **21 Mar/mar 2001 DE (21.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • WIPER DEVICE WITH TWO WINDSHIELD WIPERS
• SYSTEME D'ESSUYAGE COMPRENANT DEUX 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) **MERKEL, Wilfried** [DE/DE]; Westring 6c, 77876 Kappelrodeck (DE). **MICHENFELDER, Gebhard** [DE/DE]; Am Waldhag 21, 77839 Lichtenau (DE). **FLEISCHER, Claus** [DE/DE]; Robert-Schumannstrasse 2, 77815 Buehl (DE).
- (81) BR 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 **B60S 1/34, 1/04**
- (11) **WO 02/076797** (13) A1
- (21) PCT/DE01/04763
- (22) **15 Dec/déc 2001 (15.12.2001)**
- (25) de (26) de
- (30) 101 14 033.9 **22 Mar/mar 2001 DE (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • WINDSHIELD WIPER, ESPECIALLY FOR MOTOR VEHICLES AND METHOD FOR THE PRODUCTION OF SAID WINDSHIELD WIPER
• SYSTEME D'ESSUIE-GLACE DESTINE NOTAMMENT A UNE AUTOMOBILE, ET SON PROCEDE DE REALISATION
- (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) **ZIMMER, Joachim** [DE/DE]; Uhlandstr. 5, 77880 Sasbach (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 **B60S 1/38**
- (11) **WO 02/076798** (13) A1
- (21) PCT/DE02/00703
- (22) **26 Feb/fév 2002 (26.02.2002)**
- (25) de (26) de
- (30) 101 13 657.9 **21 Mar/mar 2001 DE (21.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • WIPER BLADE FOR CLEANING GLASS PANES, ESPECIALLY OF MOTOR VEHICLES, AND METHOD FOR THE PRODUCTION OF SAID WIPER BLADE
• RACLETTE D'ESSUIE-GLACE POUR LE NETTOYAGE DE VITRES, NOTAMMENT DE VEHICULES AUTOMOBILES, ET SON PROCEDE DE PRODUCTION
- (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) **KRICKAU, Otto** [DE/DE]; Rechtensteinstrasse 37, 70469 Stuttgart (DE). **DE BLOCK, Peter** [BE/BE]; Pandputweg 5, B-3545 Halen (BE).
- (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 KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **B60T 8/00**
- (11) **WO 02/076799** (13) A1
- (21) PCT/KR02/00296
- (22) **22 Feb/fév 2002 (22.02.2002)**
- (25) ko (26) en
- (30) 2001/9204 **23 Feb/fév 2001 KR (23.02.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • APPARATUS AND METHOD OF AUTOMATICALLY BRAKING IN A STOP STATE OF A VEHICLE
• APPAREIL ET PROCEDE DE FREINAGE AUTOMATIQUE D'UN VEHICULE A L'ETAT D'ARRET
- (71, 72) **LEE, Won-Bum** [KR/KR]; Byuksan Apartment 104-510, 283, Eupne-ri, Dangjin-cup, Dangjin-kun, 343-800 Chungchungnam-do (KR).
- (74) **LEE, Young**; 2FL., Ssangma Bldg., 828-23, 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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **B60T 8/00, 8/26, 17/22, G01P 3/488, G01K 13/08, G01P 3/44, G01D 21/02**
- (11) **WO 02/076800** (13) A1
- (21) PCT/US02/07625
- (22) **14 Mar/mar 2002 (14.03.2002)**
- (25) en (26) en
- (30) 09/814,579 **22 Mar/mar 2001 US (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND APPARATUS FOR DETERMINING BRAKE BALANCE THROUGH THE USE OF A TEMPERATURE SENSING ELEMENT IN A WHEEL SPEED SENSOR
• PROCEDE ET APPAREIL DE DETERMINATION DE LA REPARTITION DU FREINAGE AU MOYEN D'UN ELEMENT DE DETECTION DE TEMPERATURE DANS UN CAPTEUR DE VITESSE DES ROUES
- (71) **BENDIX COMMERCIAL VEHICLE SYSTEMS LLC** [US/US]; 901 Cleveland Street, Elyria, OH 44036 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KUBIK, James, M.** [US/US]; 389 Seneca Court, Avon Lake, OH 44012 (US).
- (74) **MCKNIGHT, Douglas, B.** et al. / etc.; Calfee, Halter & Griswold LLP, 1400 McDonald Investment Center, 800 Superior Avenue, Cleveland, OH 44114 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
- Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ B60T 11/232
(11) WO 02/076801 (13) A1
(21) PCT/FR02/00985
(22) 21 Mar/mar 2002 (21.03.2002)
(25) fr (26) fr
(30) 01/04055 23 Mar/mar 2001 FR (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • MASTER CYLINDER COMPRISING A PISTON HAVING A CONTROLLED FLOW RATE
• MAÎTRE-CYLINDRE COMPORTANT UN PISTON A DEBIT REGULE.
(71) ROBERT BOSCH GMBH [DE/DE]; Wernerstrasse 1, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) GAUTIER, Jean-Pierre [FR/FR]; Résidence de la Plage, Bat A, Trestel, F-22660 Trevou Treguignec (FR). ANDERSON, Chris [FR/FR]; 166, rue de Montmartre, F-75002 Paris (FR). BOURGOIS, Lionel [FR/FR]; 24, rue Jean-Baptiste Clément, F-93700 Drancy (FR).
(74) HURWIC, Aleksander; Bosch Systemes de Freinage, Service Brevets, 126, rue de Stalingrad, F-93700 Drancy (FR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B60T 13/52, 13/46
(11) WO 02/076802 (13) A1
(21) PCT/EP02/02059
(22) 27 Feb/fév 2002 (27.02.2002)
(25) de (26) de
(30) 101 13 910.1 21 Mar/mar 2001 DE (21.03.2001)
(30) 101 22 952.6 11 May/mai 2001 DE (11.05.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • BRAKE SERVO COMPRISING A CONNECTING ELEMENT WITH A DEFINED ANGULAR POSITION
• SERVOFREIN COMPRENANT UN ELEMENT DE RACCORD PRESENTANT UNE POSITION ANGULAIRE DEFINIE
(71) CONTINENTAL TEVESAG & CO. OHG [DE/DE]; Guerickestrasse 7, 60488 Frankfurt/M. (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) FALLER, Jürgen [DE/DE]; Lindenweg 11, 63796 Kahl (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 B61D 3/18
(11) WO 02/076803 (13) A1
(21) PCT/FI02/00242
(22) 22 Mar/mar 2002 (22.03.2002)
(25) fi (26) en
(30) 20010613 26 Mar/mar 2001 FI (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • FREIGHT CAR
• WAGON A MARCHANDISES
(71) PERMAR OY [FI/FI]; Martinlaaksontie 42 D 16, FIN-01620 Vantaa (FI).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) RAPELI, Pekka, E. [FI/FI]; Martinlaaksontie 42 D 16, FIN-01620 Vantaa (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 B61D 3/18
(11) WO 02/076804 (13) A1
(21) PCT/FI02/00243
(22) 22 Mar/mar 2002 (22.03.2002)
(25) fi (26) en
(30) 20010615 26 Mar/mar 2001 FI (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • FREIGHT CAR AND A METHOD FOR LOADING A FREIGHT CAR
• WAGON A MARCHANDISES ET PROCEDE POUR CHARGER UN WAGON A MARCHANDISES
(71) PERMAR OY [FI/FI]; Martinlaaksontie 42 D 16, FIN-01620 Vantaa (FI).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) RAPELI, Pekka, E. [FI/FI]; Martinlaaksontie 42 D 16, FIN-01620 Vantaa (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 B62D 1/06
(11) WO 02/076805 (13) A1
(21) PCT/ES01/00121
(22) 27 Mar/mar 2001 (27.03.2001)
(25) es (26) es
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • HEATED STEERING WHEEL FOR MOTOR VEHICLES
• VOLANT CHAUFFANT POUR AUTOMOBILES
(71) DALPHI METAL ESPAÑA, S.A. [ES/ES]; Mártires Concepcionistas, 3, E-28006 Madrid (ES).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) ALCALA FAZIO, Enrique [ES/ES]; Julián Camarillo, 19 Int., E-28037 Madrid (ES). MORENO ALVAREZ, Noelia [ES/ES]; Julián Camarillo, 19 Int., E-28037 Madrid (ES).
(74) DE ELZABURU, Alberto; Miguel Angel, 21, E-28010 Madrid (ES).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 B62D 5/00, 6/00
(11) WO 02/076806 (13) A1
(21) PCT/EP02/01855
(22) 21 Feb/fév 2002 (21.02.2002)
(25) de (26) de
(30) 101 15 018.0 27 Mar/mar 2001 DE (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • VEHICLE STEERING SYSTEM FOR CONTROLLING A STEERING OR STEERING LOCK ANGLE OF AT LEAST ONE WHEEL OF A VEHICLE
• SYSTEME DE DIRECTION DE VEHICULE POUR LA COMMANDE D'UN ANGLE DE DIRECTION OU DE BRAQUAGE D'AU MOINS UNE ROUE D'UN VEHICULE
(71) MERCEDES BENZ LENKUNGEN GMBH [DE/DE]; Rather Str. 51, 40476 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) NIESSEN, Harwin [DE/DE]; Hahnweidstrasse 43, 73230 Kirchheim unter Teck (DE). HENRICHFREISE, Hermann [DE/DE]; Hofwielse 9, 51429 Bergisch Gladbach (DE).

(74) GERBER, Wolfram; Lenzing Gerber, Münsterstrasse 248, 40470 Düsseldorf (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 5/04, 1/04

(11) WO 02/076807 (13) A1

(21) PCT/EP02/03165

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 14 687.6 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • STEERING WHEEL FOR A MOTOR VEHICLE

• VOLANT POUR AUTOMOBILE

(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) HIRSCHFELD, Klaus [DE/DE]; Gustavstr. 15, 58511 Lüdenscheid (DE). BLÄSING, Frank [DE/DE]; Kurze Str. 15, 59457 Werl (DE). DEITMERG, Martin [DE/DE]; Oberer Worthagen 60, 58507 Lüdenscheid (DE). LETTMANN, Holger [DE/DE]; Reichsstr. 50, 58840 Plettenberg (DE). BÖBEL, Ralf [DE/DE]; Ostkirchstr. 99, 44269 Dortmund (DE). MENZ, Rüdiger [DE/DE]; Mooskampweg 16, 58644 Iserlohn (DE). NIEDING, Klaus [DE/DE]; Kölner Str. 9, 58553 Halver (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ B62D 5/04

(11) WO 02/076808 (13) A1

(21) PCT/EP02/03537

(22) 28 Mar/mar 2002 (28.03.2002)

(25) de (26) de

(30) 101 15 316.3 28 Mar/mar 2001 DE (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DRIVE DEVICE OF A MOTOR VEHICLE AXLE STEERING MODULE AND AN ELECTROMECHANICAL MOTOR VEHICLE STEERING SYSTEM

• DISPOSITIF D'ENTRAÎNEMENT D'UN MODULE DE DIRECTION D'ES-SIEU DE VEHICULE ET SYSTEME ELECTROMECHANIQUE DE DIRECTION DE VEHICULE

(71) CONTINENTAL TEVES AG & CO.OHG [DE/DE]; Guerickestrasse 7, 60488 Frankfurt am Main (DE).

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

(71) FISCHBACH, Walter (heir of the deceased inventor / héritier de l'inventeur décédé) [DE/DE]; Kaltlandstrasse 40, 57258 Freudenberg-Oberfischbach (DE). FISCHBACH, Erika (heir of the deceased inventor / héritière de l'inventeur décédé) [DE/DE]; Kaltlandstrasse 40, 57258 Freudenberg-Oberfischbach (DE).

(only for / seulement pour US)

(72) FISCHBACH, Burkhard (deceased / décédé).

(72, 75) NELL, Joachim [DE/DE]; Gustav-Hoch-Strasse 35, 63452 Hanau (DE). JUNGBECKER, Johann [DE/DE]; Hauptstr. 60, 55576 Badenheim (DE). RATH, Thomas [DE/DE]; Nelkenweg 14, 63128 Dietzenbach (DE). SCHACK, Peter [DE/DE]; Morikestr.3, 63500 Seligenstadt (DE). HOFFMANN, Oliver [DE/DE]; Schlossstrasse 116, 60486 Frankfurt (DE). LINKENBACH, Steffen [DE/DE]; Lah-nweg 14, 65760 Eschborn (DE). BAYER, Ronald [DE/DE]; Schubertstr. 6, 63165 Mühlheim/Main (DE). BÖHM, Jürgen [DE/DE]; Im Bangert 8, 65558 Obermeisen (DE).

(81) DE 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 B62D 21/15, 25/20, B21C 1/22, B21D 26/02

(11) WO 02/076809 (13) A1

(21) PCT/JP02/03015

(22) 27 Mar/mar 2002 (27.03.2002)

(25) ja (26) ja

(30) 2001-89080 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AUTOMOBILE STRENGTHENING MEMBER

• ELEMENT DE RENFORCEMENT AUTOMOBILE

(71) NIPPON STEEL CORPORATION [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP). NISSAN MOTOR CO., LTD. [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0023 (JP).

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(72, 75) SAKAMOTO, Shinya [JP/JP]; C/O NIPPON STEEL CORPORATION KIMITSU WORKS, 1, Kimitsu, Kimitsu-shi, Chiba 299-1193 (JP). SUMIMOTO, Daigo [JP/JP]; C/O NIPPON STEEL CORPORATION KIMITSU WORKS, 1, Kimitsu, Kimitsu-shi, Chiba 299-1193 (JP). TERADA, Yoshio [JP/JP]; C/O NIPPON STEEL CORPORATION KIMITSU WORKS, 1, Kimitsu, Kimitsu-shi, Chiba 299-1193 (JP).

KURIYAMA, Yukihisa [JP/JP]; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtu-shi, Chiba 293-8511 (JP). SAKURAI, Hiroshi [JP/JP]; 60-7, Tsutsumi, Chigasaki-shi, Kanagawa 253-0006 (JP). NAKANISHI, Eizaburo [JP/JP]; 31-19, Yanagi-cho, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0026 (JP).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) US.

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

(51)⁷ B62D 21/15, 25/20, B21C 1/22, B21D 26/02

(11) WO 02/076810 (13) A1

(21) PCT/JP02/03016

(22) 27 Mar/mar 2002 (27.03.2002)

(25) ja (26) ja

(30) 2001-089080 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AUTOMOBILE STRENGTHENING MEMBER

• ELEMENT DE RENFORCEMENT AUTOMOBILE

(71) NIPPON STEEL CORPORATION [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP).

(72) SAKAMOTO, Shinya; C/O NIPPON STEEL CORPORATION KIMITSU WORKS, 1, Kimitsu, Kimitsu-shi, Chiba 299-1193 (JP). SUMIMOTO, Daigo; C/O NIPPON STEEL CORPORATION KIMITSU WORKS, 1, Kimitsu, Kimitsu-shi, Chiba 299-1193 (JP). TERADA, Yoshio; C/O NIPPON STEEL CORPORATION KIMITSU WORKS, 1, Kimitsu, Kimitsu-shi, Chiba 299-1193 (JP). KURIYAMA, Yukihisa; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtu-shi, Chiba 293-8511 (JP). SAKURAI, Hiroshi; 60-7, Tsutsumi, Chigasaki-shi, Kanagawa 253-0006 (JP). NAKANISHI, Eizaburo; 31-19, Yanagi-cho, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0026 (JP).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) CN KR.

(51)⁷ B62J 6/12

(11) WO 02/076811 (13) A1

(21) PCT/CN01/00800

(22) 17 May/mai 2001 (17.05.2001)

(25) zh (26) zh

(30) 09/813,786 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A BICYCLE WHEEL DYNAMO

• DYNAMO POUR ROUE DE BICYCLETTE

(71, 72) HUNG, Paochuan [CN/CN]; No. 91 Sec. 2, Tzu Chiang Road, Sanchung City, Taipei Hsien (CN).

(74) LUNG TIN INT'L PATENT & TRADE-MARK AGENT LTD.; 18th Fl, 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 CO 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ B62J 7/04

(11) WO 02/076812 (13) A1

(21) PCT/EP02/02818

(22) 14 Mar/mar 2002 (14.03.2002)

(25) de (26) de

(30) 201 05 358.6 27 Mar/mar 2001 DE (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BICYCLE WITH LUGGAGE RACK
• BICYCLETTE AVEC PORTE-BAGAGES

(71) RAD-SPORT ARNOLD GMBH [DE/DE]; Koblenzer Strasse 236, 56073 Koblenz (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHEFFER, Lutz [DE/DE]; Berliner Strasse 19, 79211 Denzlingen (DE). ARNOLD, Roman [DE/DE]; Bismarckstrasse 10, 56068 Koblenz (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B62J 39/00, B62M 23/02, G01P 3/487

(11) WO 02/076813 (13) A1

(21) PCT/JP01/02471

(22) 27 Mar/mar 2001 (27.03.2001)

(25) ja (26) ja

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ROTATIONAL-SPEED SENSOR AND POWER-ASSISTED BICYCLE WITH ROTATIONAL-SPEED SENSOR

• CAPTEUR DE VITESSE DE ROTATION ET BICYCLETTE SERVO-ASSISTEE EQUIPEE D'UN CAPTEUR DE VITESSE DE ROTATION

(71) SUNSTAR GIKEN KABUSHIKI KAISHA [JP/JP]; 7-1, Aketa-cho, Takatsuki-shi, Osaka 569-0806 (JP). UNI-SUNSTAR B.V. [NL/NL]; Strawinskylaan 3019, Atrium 1HG, NL-1077 ZX Amsterdam (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOSHIE, Akihito [JP/JP]; 3-2-4, Kitayama-dai, Kosei-cho, Koka-gun, Shiga 520-3241 (JP). KOKATSU, Kyosuke [JP/JP]; 1-23-204, Misora-cho, Ohtsu-shi, Shiga 520-0223 (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) 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 B62K

(11) WO 02/076814 (13) A2

(21) PCT/US02/08738

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 60/278,878 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AUTOMATIC BICYCLE STEERING LOCK

• SERRURE DE BLOCAGE AUTOMATIQUE POUR BICYCLETTE

(71, 72) SCOTT, Nelson, Edward [US/US]; 103 - 11th Street, S, Bradenton Beach, FL 34217 (US).

(74) MORSE, Dorothy, S.; 515 Park Drive, NW, Bradenton, FL 34209-1847 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B62M 27/02, B62K 13/00

(11) WO 02/076815 (13) A1

(21) PCT/US02/09283

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/818,058 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONVERTIBLE SKI-SUPPORTED VEHICLE

• VEHICULE SUR SKIS CONVERTIBLE

(71, 72) OUELLETTE, Michael, J. [US/US]; P.O. Box 34, Caribou, ME 04736 (US).

(74) BOHAN, Thomas; Bohan, Mathers & Associates, 371 Fore Street, Suite 202, Portland, ME 04101 (US).

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

Published / Publiée : (a)

(51)⁷ B63B

(11) WO 02/076816 (13) A2

(21) PCT/US02/09169

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 09/818,117 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SEABED OIL STORAGE AND TANKER OFFTAKE SYSTEM

• SYSTEME DE SOUTIRAGE ET DE STOCKAGE DE PETROLE AU FOND DE LA MER

(71) CONOCO, INC. [US/US]; 600 North Dairy Ashford, Houston, TX 77210-4783 (US).

(72) CHOI, Michael, S.; 18302 Forest Town Drive, Houston, TX 77084 (US). CHAN, Jack, H.-C.; 19403 Hanby Creek Court, Houston, TX 77094 (US). TUTUREA, David, P.; 19431 Kessington, Houston, TX 77094 (US).

(74) ROSENTHAL, Alan, D. et al. / etc.; Rosenthal & Osha L.L.P., Suite 2800, 1221 McKinney Street, 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 CH CY DE DK ES FI FR GB GR IE 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 B63B 13/02, F41H 13/00

(11) WO 02/076817 (13) A1

(21) PCT/SE02/00581

(22) 22 Mar/mar 2002 (22.03.2002)

(25) sv (26) en

(30) 0101041-2 23 Mar/mar 2001 SE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR GENERATING A LIQUID MIST

• PROCEDE ET DISPOSITIF DE PRODUCTION D'UNE BRUME LIQUIDE

(71) FÖRSVARETS MATERIELVERK [SE/SE]; S-115 88 Stockholm (SE).

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

(72, 75) EKELÖF, Anders [SE/SE]; Hagards väg 13, S-439 31 Onsala (SE).

(74) FÖRSVARETS MATERIELVERK; Patentheten, 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 VN YU ZA ZM ZW.

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

(51)⁷ B63B 27/30 // B67D 5/68

(11) WO 02/076818 (13) A1

(21) PCT/NO02/00107

(22) 15 Mar/mar 2002 (15.03.2002)

(25) no (26) en

(30) 20011408 20 Mar/mar 2001 NO (20.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RISER SYSTEM FOR USE FOR PRODUCTION OF HYDROCARBONS WITH A VESSEL OF THE EPSO-TYPE WITH A DYNAMIC POSITIONING SYSTEM (DP)

• SYSTEME DE COLONNE MONTANTE DESTINE A ETRE UTILISE DANS LA PRODUCTION D'HYDROCARBURES AVEC UN NAVIRE DE TYPE FPSO (SYSTEME DE PRODUCTION, DE STOCKAGE ET DE DECHARGEMENT FLOTTANT) EQUIPE D'UN SYSTEME DE POSITIONNEMENT DYNAMIQUE (DP)

(71) NAVION ASA [NO/NO]; Verven 4, N-4004 Stavanger (NO).

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

(72, 75) BREIVIK, Kåre, G. [NO/NO]; Ugelid, N-4120 Tau (NO). MEYER, Ernst [NO/NO]; Ulf Overlandsvei 210, N-0763 Oslo (NO).

(74) TANDBERGS PATENTKONTOR AS; Boks 7085, N-0306 Oslo (NO).

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

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

(51)⁷ B63B 35/00 // 22/02, 27/00

(11) WO 02/076819 (13) A1

(21) PCT/NO02/00112

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(30) 20011524 23 Mar/mar 2001 NO (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • VESSEL AND UNLOADING SYSTEM
• NAVIRE ET SYSTÈME DE DÉPOTAGE

(71) LEIF HØEGH & CO. ASA [NO/NO]; P.O.Box 2596, N-0203 OSLO (NO).

(72) EMBLEM, Rolf; Kristinelundvn. 1, N-0268 OSLO (NO). LARSEN, Øystein, Bruno; Harald Hårfagresgt. 5, N-3046 DRAMMEN (NO).

(74) ONSAGERS AS et al. / etc.; P.O. Box 265 Sentrum, N-0103 OSLO (NO).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 11/02, G01C 13/00, G04G 1/00

(11) WO 02/076820 (13) A1

(21) PCT/JP02/02773

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-81990 22 Mar/mar 2001 JP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DIVE COMPUTER

• ORDINATEUR DE PLONGÉE

(71) CITIZEN WATCH CO., LTD. [JP/JP]; 1-12, Tanashicho 6-Chome, Nishitokyo-shi, Tokyo 188-0011 (JP).

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

(72, 75) HAYAFUNE, Yukimi [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-Chome, Nishitokyo-shi, Tokyo 188-0011 (JP).

(74) HATA, Yasuyuki et al. / etc.; Akasaka-Taisei Bldg., 1-18, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) JP US.

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

(51)⁷ B63G 9/04, B63C 7/18

(11) WO 02/076821 (13) A1

(21) PCT/GB02/01128

(22) 12 Mar/mar 2002 (12.03.2002)

(25) en (26) en

(30) 0107435.0 24 Mar/mar 2001 GB (24.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPACT PROTECTION SYSTEM

• SYSTEME DE PROTECTION CONTRE LES CHOCS

(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) BRYAN, Roger, Keith, Raymond [GB/GB]; QinetiQ Bincleaves, Room 2, Building 59, Newtons Road, Weymouth, Dorset DT4 8UR (GB). YOUNG, Andrew, William [GB/GB]; QinetiQ Winfrith, Room 47, Building A22, Winfrith Technology Centre, Winfrith, Newburgh, Dorset, DT2 8XJ (GB).

(74) KNIGHT, Samuel; 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B63H 5/07, 5/125, 20/00, 20/08

(11) WO 02/076822 (13) A1

(21) PCT/AU02/00376

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) PR 4006 27 Mar/mar 2001 AU (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MARINE PROPULSION DEVICE
• DISPOSITIF DE PROPULSION MARINE

(71, 72) ALLEN, Robert [AU/AU]; 7 Nettleton Drive, Lightning Ridge, NSW 2824 (AU).

(74) HODGKINSON OLD MCINNES; Level 3, 20 Alfred Street, Milsons Point, NSW 2061 (AU).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B63H 21/17, B60L 15/04, H01H 19/54

(11) WO 02/076823 (13) A1

(21) PCT/SE02/00527

(22) 20 Mar/mar 2002 (20.03.2002)

(25) sv (26) en

(30) 0101010-7 23 Mar/mar 2001 SE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A DEVICE AT A BOAT
• DISPOSITIF DE BATEAU

(71, 72) LARSSON, Stefan [SE/SE]; Sjömansgatan 17D, S-413 15 Göteborg (SE).

(74) BJERKÉNS PATENTBYRA KB; Box 1274, S-801 37 Gävle (SE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B64C 33/02, 27/14, 27/32

(11) WO 02/076824 (13) A1

(21) PCT/HR01/00013

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TRANSMISSION DEVICE FOR TWO PROPELLERS OR ROTORS WITH COMBINED ROTATING AND RECIPROCATING MOVEMENTS

• DISPOSITIF DE TRANSMISSION POUR DEUX PROPULSEURS OU ROTORS AYANT DES MOUVEMENTS COMBINES DE ROTATION ET DE RECIPROCITE

(71, 72) GRAHOVAC, Branko [HR/HR]; Dvorniciceva 21, 10000 Zagreb (HR).

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

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

(51)⁷ B64D

(11) WO 02/076825 (13) A2

(21) PCT/DE02/00782

(22) 2 Mar/mar 2002 (02.03.2002)

(25) de (26) de

(30) 101 15 523.9 28 Mar/mar 2001 DE (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONTROL AND ENERGY SUPPLY SYSTEM FOR AT LEAST TWO AIRCRAFT SEATS

• SYSTEME DE COMMANDE ET D'ALIMENTATION EN ENERGIE POUR AU MOINS DEUX SIEGES D'AVION

(71) DORNIER TECHNOLOGIE GMBH & CO. KG [DE/DE]; Hallendorfer Strasse 11, 88690 Uhlhingen-Mühlhofen (DE).

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

(72, 75) WAGNER, Wolfgang [DE/DE]; Linzgaustrasse 27, 88048 Friedrichshafen (DE).

(74) FLOSDORFF, Jürgen; Alleestrasse 33, 82467 Garmisch-Partenkirchen (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 CH CY DE DK ES FI FR GB GR IE 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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 CH CY DE DK ES FI FR GB GR IE 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 B64D 5/00, 3/00, 39/00

(11) WO 02/076826 (13) A1

(21) PCT/GB02/00719

(22) 20 Feb/fév 2002 (20.02.2002)

(25) en (26) en

(30) 0106990.5 21 Mar/mar 2001 GB (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A SYSTEM FOR AIRBORNE LAUNCH OF AN AIRCRAFT FROM A LARGER CARRIER AIRCRAFT

• SYSTEME DE LANCEMENT D'AERONEF AEROPORTE A PARTIR D'UN AERONEF LANCEUR PLUS GRAND

(71) BAE SYSTEMS PLC [GB/GB]; 6 Carlton Gardens, London SW1Y 5AD (GB).

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

(72, 75) HARRISON, Richard, George [GB/GB]; Bae Systems plc, Warton Aerodrome, Preston, Lancashire PR4 1AX (GB).

(74) BAE SYSTEMS PLC; Group IP Department, Lancaster House, P.O. Box 87, Farnborough Aerospace Centre, Farnborough, Hampshire GU14 6YU (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B64D 13/00, F25B 9/00

(11) WO 02/076827 (13) A1

(21) PCT/US02/08410

(22) 15 Mar/mar 2002 (15.03.2002)

(25) en (26) en

(30) 09/818,116 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HYBRID COOLING SYSTEM
• SYSTEME DE REFROIDISSEMENT HYBRIDE

(71) LOCKHEED MARTIN CORPORATION [US/US]; 6801 Rockledge Drive, Bethesda, MD 20871 (US).

(72) SKUR, Anthony, I., III.; 1188 Northridge Lane, Aledo, TX 76008 (US).

(74) SLATON, Bobby, D. 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B64D 17/24, 17/78

(11) WO 02/076828 (13) A1

(21) PCT/ZA02/00036

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(30) 2001/2414 22 Mar/mar 2001 ZA (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PARACHUTE RETARDATION DEVICE
• DISPOSITIF DE RALENTISSEMENT DE PARACHUTE

(71) AEROSUD (PTY) LTD [ZA/ZA]; Grand Central Airport, 33 New Road, 1685 Halfway House (ZA).

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

(72, 75) LABUSCHAGNE, Deon [ZA/ZA]; 33 New Road, 1685 Halfway House (ZA).

(74) LE ROUX, Marius; D M Kisch Inc, P.O. Box 781218, 2146 Sandton (ZA).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B64D 23/00

(11) WO 02/076829 (13) A1

(21) PCT/KR02/00480

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 2001/14971 22 Mar/mar 2001 KR (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SKYDIVING SIMULATOR AND SKY-DIVING TRAINING PROCESS USING THE SAME

• SIMULATEUR DE PARACHUTISME ET PROCESSUS DE FORMATION AU SAUT L'UTILISANT

(71, 72) LEE, Sung, Tae [KR/KR]; 1027ho, Euksa Apt., Gongneung 2-dong, Nowon-gu,

Seoul 139-772 (KR). PARK, Byung, Ho [KR/KR]; 1267, 1-gu, Seungun-ri, Anmyun-cup, Taean-gun, Chungchongnam-do 357-960 (KR).

(74) CHOI, Jong, Won; 5Fl. 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 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 B65B 1/04, 3/04, 37/00, B67C 3/00

(11) WO 02/076830 (13) A1

(21) PCT/US02/09723

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 09/818,748 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MASSIVELY PARALLEL FLUID DISPENSING SYSTEMS AND METHODS
• SYSTEMES ET PROCÉDES DE DISTRIBUTION DE FLUIDE MASSIVEMENT PARALLELES

(63) US Not furnished / non communiqué (CIP)
Not furnished / non communiquée

(71) IRM, LLC [—/—]; c/o Sophia House, 48 Church Street, Hamilton (BM).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DOWNS, Robert, C. [US/US]; 5795 La Jolla Corona Drive, La Jolla, CA 92037 (US). WESELAK, Mark, R. [CA/US]; 5360 Ruelle de Mer, San Diego, CA 92130 (US).

(74) QUINE, Jonathan, Alan; Quine Intellectual Property Law Group, P.C., P.O. Box 458, Alameda, CA 94501 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM 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 B65B 13/16, 51/08

(11) WO 02/076831 (13) A1

(21) PCT/JP02/01990

(22) 4 Mar/mar 2002 (04.03.2002)

(25) ja (26) ja

(30) 2001-82291 22 Mar/mar 2001 JP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BINDING MACHINE
• MACHINE A LIER

(71, 72) TANGE, Shino [JP/JP]; 172, Yakushiyama, Narumi-cho, Midori-ku, Nagoya-shi, Aichi 458-0846 (JP). TANGE, Soichi [JP/JP]; 172, Yakushiyama, Narumi-cho, Midori-ku, Nagoya-shi, Aichi 458-0846 (JP). TANGE, Yayoi [JP/JP]; 172, Yakushiyama, Narumi-cho, Midori-ku, Nagoya-shi, Aichi 458-0846 (JP).

(74) YOKOI, Toshiyuki; Yokoi Naigaikoku Tokkyo Jimusho, 1-27, Kurumada-cho, Showa-ku, Nagoya-shi, Aichi 466-0001 (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 B65B 25/06, 5/04

(11) WO 02/076832 (13) A1

(21) PCT/NZ02/00042

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 510770 26 Mar/mar 2001 NZ (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • APPARATUS, SYSTEM AND METHOD FOR LOADING OBJECTS INTO PACKAGES

• APPAREIL, SYSTEME ET PROCÉDE POUR LE CHARGEMENT D'OBJETS DANS DES EMBALLAGES

(71) MACHINERY DEVELOPMENTS LIMITED [NZ/NZ]; 8C Tagalad Road, Mission Bay, Auckland 1005 (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MELVILLE, Richard, Archer [NZ/NZ]; 8C Tagalad Road, Mission Bay, Auckland 1005 (NZ).

(74) HAWKINS, Michael, Howard et al. / etc.; Baldwin Shelston Waters, P.O. Box 852, 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B65C

(11) WO 02/076833 (13) A2

(21) PCT/EP02/03198

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 14 104.1 **23 Mar/mar 2001** DE
(23.03.2001)

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

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

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR PRO-
DUCING DOUBLE LABELS AND
CORRESPONDING DOUBLE LABEL
• PROCEDE ET DISPOSITIF DE PRO-
DUCTION D'ETIQUETTES DOUBLES,
ET ETIQUETTE DOUBLE Y RELATIVE

(51)⁷ B65D

(11) WO 02/076835 (13) A2

(21) PCT/BR02/00045

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) PI 0101342-4 **27 Mar/mar 2001** BR
(27.03.2001)

(71) CHECKPOINT SYSTEMS INTERNA-
TIONAL GMBH [DE/DE]; Ersheimer
Strasse 69, 69434 Hirschhorn/Neckar (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BANNERT, Georg [DE/DE]; Adalbert-
Stifter-Strasse 17, 69434 Hirschhorn (DE).

(74) MENGES, Rolf; c/o Ackmann, Menges &
Demski, Postfach 14 04 31, 80454 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.

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CAN LID

• COUVERCLE DE BOITE

(71) BRASILATA S/A EMBALAGENS
METÁLICAS [BR/BR]; Rua Robert Bosch,
332, 01141-010-São Paulo, SP (BR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ALVARES, Antonio, Carlos, Teix-
eira [BR/BR]; Rua Robert Bosch, 332,
CEP-01141-010 São Paulo, SP (BR). TUMA,
João, Vicente de Masi [BR/BR]; Rua Costa
Gomes, 965 - apto. 106, CEP-75901-050 Rio
Verde, GO (BR).

(74) ARNAUD, Antonio, M., P. et al. / etc.; Rua
José Bonifácio, 93, 7th floor, CEP-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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 B65C 3/08, B65D 5/42, 65/08, G09F 3/00

(11) WO 02/076834 (13) A1

(21) PCT/US02/09927

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/279,236 **27 Mar/mar 2001** US
(27.03.2001)

(30) PCT/US01/11976 **12 Apr/avr 2001** US
(12.04.2001)

(30) 09/866,219 **25 May/mai 2001** US
(25.05.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM AND METHOD FOR A RO-
TATABLE SLEEVE DEVICE
• SYSTEME ET PROCEDE POUR DISPO-
SITIF DE MANCHON ROTATIF

(71) STEPHEN KEY DESIGN, LLC [US/US];
4205 Beyer Park Drive, Modesto, CA 95357
(US).

(72) KEY, Stephen, M.; 4205 Beyer Park Drive,
Modesto, CA 95357 (US).

(74) YEE, Susan et al. / etc.; Carr & Ferrell, LLP,
2225 East Bayshore, Suite #200, Palo Alto,
CA 94303 (US).

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

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

(51)⁷ B65D

(11) WO 02/076836 (13) A2

(21) PCT/CA02/00381

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/813,476 **22 Mar/mar 2001** US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CLIP WITH SEPARABLE JAWS

• PINCE A MACHOIRES SEPARABLES

(71) FOLKMAR, Raphaela [CH/CH]; Arnika,
CH-7050 Arosa (CH).

(71) GARRETT, Kenneth, M. [CA/CA]; 392
Lakeshore Road East, Oakville, Ontario L6J
1J8 (CA).
(only for / seulement pour MN)

(71, 72) FOLKMAR, Jan [DK/CH]; Arnika,
CH-7050 Arosa (CH).

(74) GARRETT, Kenneth, M.; 392 Lakeshore
Road East, Oakville, Ontario L6J 1J8 (CA).

(81) AE AG AL AM AT AU (Utility model /
modèle d'utilité) AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DE
(Utility model / modèle d'utilité) DK DK

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

(11) WO 02/076837 (13) A2

(21) PCT/EP02/02911

(22) 15 Mar/mar 2002 (15.03.2002)

(25) de (26) de

(30) 101 14 130.0 **22 Mar/mar 2001** DE
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE FOR STORING LIQUIDS
• DISPOSITIF POUR STOCKER DES LI-
QUIDES

(71, 72) RICHTER, Günter [DE/DE]; Johan-
nistaal 12, 57610 Altenkirchen (DE).

(74) SCHAUMBURG, Karl-Heinz et al. / etc.;
Postfach 86 07 48, 81634 München (DE).

(81) BR CA DZ PL 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

(11) WO 02/076838 (13) A2

(21) PCT/TR02/00011

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) TR2001/00817 **23 Mar/mar 2001** TR
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONVERTIBILITY SYSTEM OF BOT-
TLE FORMS TO GLASS OR WINE-
GLASS FORMS
• SYSTEME DE TRANSFORMATION
D'OBJETS EN FORME DE BOU-
TEILLE AUX FINS DE L'OBTENTION
DE VERRE OU DE VERRRES A VIN

(71, 72) TUTKAN, Zeki [TR/TR]; Tevfik Erdön-
mez Sk. Emekli Subay eVLERI 1., Ev-
leri 2.Blok D:11, Esentepe/Istanbul (TR).
SUNER, Seniz [TR/TR]; Tevfik Erdönmez
Sk. Emekli Subay, Evleri 2.Blok D:11, Esen-
tepe/Istanbul (TR). AYDIN, Nezir [TR/TR];
Tevfik Erdönmez Sk. Emekli Subay, Evleri
2.Blok D:11, Esentepe/Istanbul (TR).

(74) UZMAN MARKA PATENT VE
DAN.HIZ.TIC.LTD.STI.; Zafer Mh. Ipek
S.No:7 A/Blok D:15, Yenibosna/Istanbul
(TR).

(81) DE GB 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 B65D
(11) WO 02/076839 (13) A2
(21) PCT/US02/08672
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 09/815,120 22 Mar/mar 2001 US (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • TAMPER-EVIDENT PACKAGE
• EMBALLAGE INVOLABLE
(63) US 09/815,120 (CON) 22 Mar/mar 2001 (22.03.2001)
(71) ALCOA CLOSURE SYSTEMS INTERNATIONAL, INC. [US/US]; 1205 East Elmore Street, Crawfordsville, IN 47933-3116 (US). GRAHAM PACKAGING COMPANY, L.P. [US/US]; 2401 Pleasant Valley Road, York, PA 17402 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BABCOCK, David, E. [US/US]; 814 Brookside Drive S, Lafayette, IN 47909 (US). SMEYAK, Lawrence, M. [US/US]; 1002 N. 21st Street, Lafayette, IN 47909 (US). HEARLD, Coy [US/US]; 1833 Mallard Court, West Lafayette, IN 47909 (US).
(74) GALLOWAY, Peter, D. et al. / etc.; Ladass & Parry, 26 West 61st Street (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 5/24, 81/24
(11) WO 02/076840 (13) A1
(21) PCT/US01/16555
(22) 21 May/mai 2001 (21.05.2001)
(25) en (26) en
(30) 09/817,430 26 Mar/mar 2001 US (26.03.2001)
(30) 09/817,423 26 Mar/mar 2001 US (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • EASY ACCESSIBLE BOX WITH REVERSIBLE DISPLAY FEATURE
• BOITE D'ACCES FACILE A ELEMENT D'AFFICHAGE REVERSIBLE
(71) INTERNATIONAL PAPER COMPANY [US/US]; 2 Manhattanville Road, Purchase, NY 10577 (US).
(72) MILLS, Karen; 10821-B Kingslake Drive, Cincinnati, OH 45242-3233 (US). NAUGHTON, William; 4695 Bell Ridge Cove, Olive Branch, MI 38654 (US). KANDEMIR, Can; 1125 Fuller Street, Cincinnati, OH 45202 (US).
-
- (74) KIPNES, Allen, R.; Watov & Kipnes, P.C., P.O. Box 247, Princeton Junction, NJ 08550 (US).
(81) 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 CH CY 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 B65D 5/56
(11) WO 02/076841 (13) A1
(21) PCT/US01/43967
(22) 14 Nov/nov 2001 (14.11.2001)
(25) en (26) en
(30) 09/818,023 27 Mar/mar 2001 US (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • PAPERBOARD CARTONS WITH LAMINATED REINFORCING RIBBONS AND TRANSITIONED SCORES AND METHOD OF MAKING SAME
• BOITES PLIANTES EN CARTON DOTÉES DE RUBANS DE RENFORT STRATIFIÉS ET DE PLIURES PRÉFORMÉES ET PROCÉDE DE FABRICATION ASSOCIÉ
(71) RIVERWOOD INTERNATIONAL CORPORATION [US/US]; 3350 Riverwood Parkway, SE Suite 1400, Atlanta, GA 30339 (US).
(72) ZOECKLER, Michael, D.; 4636 Featherstone Pass, Roswell, Georgia 30075 (US).
(74) MCLARY, Steve, M.; Riverwood International Corporation, Suite 1400, 3350 Riverwood Parkway S.E., Atlanta, GA 30339 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 B65D 6/12, 6/34, B65F 1/00, 1/14
(11) WO 02/076842 (13) A1
(21) PCT/JP02/02652
(22) 20 Mar/mar 2002 (20.03.2002)
(25) ja (26) ja
(30) 2001-83470 22 Mar/mar 2001 JP (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • STORAGE CONTAINER
-
- CONTENANT DE STOCKAGE
(71) RICHELL CORPORATION [JP/JP]; 136, Mizuhashi-sakuragi, Toyama-shi, Toyama 939-0592 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) TOHDOH, Tohru [JP/JP]; c/o RICHELL CORPORATION, 136, Mizuhashi-sakuragi, Toyama-shi, Toyama 939-0592 (JP). SAWADA, Yutaka [JP/JP]; c/o RICHELL CORPORATION, 136, Mizuhashi-sakuragi, Toyama-shi, Toyama 939-0592 (JP).
(74) SATO, Masatoshi et al. / etc.; SANWA INTERNATIONAL PATENT OFFICE, Shuwa daini Toranomom Bldg. 21-19, Toranomom 1-chome, minato-ku, Tokyo 105-0001 (JP).
(81) CA JP US.
-
- (51)⁷ B65D 30/10, 33/16, A63B 41/12
(11) WO 02/076843 (13) A1
(21) PCT/AU02/00383
(22) 27 Mar/mar 2002 (27.03.2002)
(25) en (26) en
(30) PR 4013 27 Mar/mar 2001 AU (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • DEVICE FOR LUBRICATION AND/OR STORAGE OF AN INFLATION NEEDLE
• DISPOSITIF DE LUBRIFICATION ET/OU DE RANGEMENT D'UN POINTEAU DE GONFLAGE
(71) COACH FLANNIGAN ENTERPRISES PTY LTD [AU/AU]; 32 Alexis Street, Aspley, Queensland 4034 (AU).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) NAHUYSEN, Peter, John [AU/AU]; 32 Alexis Street, Aspley, Queensland 4034 (AU).
(74) FREEHILLS CARTER SMITH BEADLE; Level 43, 101 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 VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51) B65D 43/16
(11) WO 02/076844 (13) A1
(21) PCT/US02/07273
(22) 8 Mar/mar 2002 (08.03.2002)
(25) en (26) en
(30) 09/803,462 9 Mar/mar 2001 US (09.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • CONTAINER LID

• COUVERCLE DE CONTENANT

- (71) J.L. CLARK, INC. [US/US]; 2300 Sixth Street, P.O. Box 7000, Rockford, IL 61125-7000 (US).
- (72) BRIED, David, K; 1388 Livingston Drive, Rockford, IL 61107 (US). SOLOWIEJKO, George; 1904 Highridge Road, Rockford, IL 61108 (US). JOHNSON, Gary, D; 511 Barnum Road, Rockford, IL 61109 (US). PEET, Alan, C; 385 N. Hickory Street, Waterman, IL 60556 (US). BAERENWALD, Philip, M; 207 Foxfire Place, Rockton, IL 61072 (US). YARBRO, Michael, A; 6305 Myrtle Lane, Rockford, IL 61108 (US).
- (74) SPINK, Michael, N; LEYDIG, VOIT & MAYER, LTD, 6815 Weaver Road, Rockford, IL 61114 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 47/20, 35/50, 35/52

- (11) WO 02/076845 (13) A1
- (21) PCT/JP02/02390
- (22) 13 Mar/mar 2002 (13.03.2002)
- (25) ja (26) ja
- (30) 2001-74962 15 Mar/mar 2001 JP (15.03.2001)
- (30) 2001-284366 19 Sep/sep 2001 JP (19.09.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CHECK VALVE AND LIQUID CONTAINER WITH CHECK VALVE
- CLAPET ET RECIPIENT DE LIQUIDE A CLAPET

- (71, 72) HAGIHARA, Tadashi [JP/JP]; 7-111 Nishimizue 3chome, Edogawa-ku, Tokyo 132-0015 (JP).
- (72) TANI, Naoya; TANI INDUSTRY CO., LTD, 4-37-7 Kitasuna, Koutou-ku, Tokyo 136-0073 (JP).
- (74) DOBASHI, Hiroshi; 3-3-24 Ikeda, Kofu-shi, Yamanashi 400-0062 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B65D 47/24

- (11) WO 02/076846 (13) A1
- (21) PCT/US02/01096
- (22) 16 Jan/jan 2002 (16.01.2002)
- (25) en (26) en
- (30) 09/815,025 22 Mar/mar 2001 US (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PUSH VALVE DISPENSING CLOSURE FOR CONTAINERS
- CAPSULE DISTRIBUTRICE A SOU-PAPE A POUSSER POUR CONTENANTS
- (63) US 09/815,025 (CON) 22 Mar/mar 2001 (22.03.2001)

(71) ALCOA CLOSURE SYSTEMS INTERNATIONAL, INC. [US/US]; 1205 East Elmore Street, Crawfordsville, IN 47933-3116 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) HERALD, Coy, M. [US/US]; 1833 Mallard Court, W. Lafayette, IN 47906 (US). BABCOCK, David, E. [US/US]; 814 Brookside Drive, Lafayette, IN 47909 (US).
- (74) HANDELMAN, Joseph, H. et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B65D 81/02, E04B 1/76, B65D 81/38

- (11) WO 02/076847 (13) A1
- (21) PCT/SE02/00580
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 0101039-6 23 Mar/mar 2001 SE (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • INSULATING PROTECTION BOX USEFUL FOR CERTAIN SENSITIVE PRODUCTS
- BOITIER DE PROTECTION ISOLANT POUR CERTAINS PRODUITS SENSIBLES
- (71) LAXÅ BRUKS TEKNIK AB [SE/SE]; Slottsskogsgatan 105, S-414 76 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HARTUNG, Wilhelm [SE/SE]; Slottsskogsgatan 46, S-414 76 Göteborg (SE).

(74) EHRNER & DELMAR PATENTBYRÅ AB; Box 103 16, S-100 55 Stockholm (SE).

- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 81/05

- (11) WO 02/076848 (13) A1
- (21) PCT/NL02/00185
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 1017682 23 Mar/mar 2001 NL (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PACKAGING WITH BUFFER MEANS AND METHOD FOR THE PRODUCTION THEREOF
- EMBALLAGE DOTE DE MOYENS TAMPONS ET PROCEDE DE FABRICATION ASSOCIE
- (71) HUHTAMAKI PROTECTIVE PACKAGING B.V. [NL/NL]; Zuidelijke Industrieweg 3-7, NL-8801 JB Franeker (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VAN DER WERF, Roland, Edwin [NL/NL]; Flevo 153, NL-9204 JV Drachten (NL).

(74) JORRITSMA, Ruurd et al; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 81/133

- (11) WO 02/076849 (13) A1
- (21) PCT/NL02/00187
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 1017689 26 Mar/mar 2001 NL (26.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PACKAGING MADE OF MOULDED FIBRE MATERIAL
• EMBALLAGE EN MATERIAU FIBREUX MOULE
- (71) HUHTAMAKI PROTECTIVE PACKAGING B.V. [NL/NL]; Zuidelijke Industrieweg 3-7, NL-8801 JB Franeker (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VAN DER WERF, Roland, Edwin [NL/NL]; Flevo 153, NL-9204 JV Drachten (NL).
- (74) JORRITSMA, Ruurd; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 81/18, 81/20, 81/24, 81/38, 88/12, 88/14, 88/74, 90/48, 101/00, 55/14, A61J 1/14, G06F 3/05
- (11) WO 02/076850 (13) A1
- (21) PCT/AU02/00359
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) en (26) en
- (30) PR 3950 23 Mar/mar 2001 AU (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SECURE TRANSPORT CONTAINER
• CONTENEUR DE TRANSPORT SECURISE
- (71) MEDILOGIST PTY LTD [AU/AU]; Second floor, 464 Hay Street, Subiaco, W.A. 6008 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EDWARDS, Jeffrey, David [AU/AU]; 39 Kirkdale Avenue, Floreat, Western Australia 6014 (AU).
- (74) STARKIE, Steven, J.; Griffith Hack, 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 81/34
- (11) WO 02/076851 (13) A1
- (21) PCT/FR02/01008
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) fr (26) fr
- (30) 01/04086 27 Mar/mar 2001 FR (27.03.2001)
- (30) 01/13168 12 Oct/oct 2001 FR (12.10.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • WATER VAPOUR GENERATING DEVICE FOR HEATING FOODSTUFFS IN A MICROWAVE OVEN
• DISPOSITIF GENERATEUR DE VAPEUR D'EAU POUR LE CHAUFFAGE DE DENREES DANS UN FOUR A MICRO-ONDES
- (71) ATMOSPHERE CONTROLE [FR/FR]; Rue des Monderaines, F-14650 Carpiquet (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROUSSEL, Edmond [FR/FR]; La Picherie, F-14770 Danvou La Ferrière (FR).
LEGRAND, Marc, Henri [FR/FR]; 9, rue Alphonse et Léonard Gille, F-14000 Caen (FR).
- (74) CABINET HERRBURGER; 115, boulevard Haussmann, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B65D 83/14, B05B 11/00
- (11) WO 02/076853 (13) A1
- (21) PCT/FR02/00922
- (22) 15 Mar/mar 2002 (15.03.2002)
- (25) fr (26) fr
- (30) 01/03890 22 Mar/mar 2001 FR (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (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) PLESSIS, Franck; 12, rue Henri Dunant, F-27110 Le Neubourg (FR).
- (74) CAPRI SARM; 94, avenue Mozart, F-75016 Paris (FR).
- (81) BR CN JP
- (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 B65D 83/54, 83/34
- (11) WO 02/076854 (13) A1
- (21) PCT/US02/08323
- (22) 19 Mar/mar 2002 (19.03.2002)
- (25) en (26) en
- (30) 60/278,890 26 Mar/mar 2001 US (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METERING VALVE FOR A METERED DOSE INHALER HAVING IMPROVED FLOW
• SOUPAPE DE DOSAGE POUR INHALATEUR DOSEUR PRESENTANT UN DEBIT AMELIORE
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) CASTRO, Gustavo, H.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
HERDTLE, Thomas; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
ARSENAULT, Cathleen, M.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
DAVIS, Antony, J.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) GRAM, Christopher, D. et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B65D 85/72

(11) WO 02/076855 (13) A1

(21) PCT/CN01/00889

(22) 4 Jun/juin 2001 (04.06.2001)

(25) zh (26) zh

(30) 01 1 06957.0 23 Mar/mar 2001 CN (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MUSICAL BOTTLE FOR WINE
• BOUTEILLE MUSICALE POUR LE VIN

(71, 72) ZHANG, Yousheng [CN/CN]; 13Gaotang Road, Gugang Town Liuyang City, Hunan 410301 (CN).

(74) HUNAN PATENT AGENCY; 135 Bayi Road, Changsha, Hunan 410001 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 B65D 88/70, F25C 1/16

(11) WO 02/076856 (13) A1

(21) PCT/NL02/00200

(22) 27 Mar/mar 2002 (27.03.2002)

(25) nl (26) en

(30) 1017722 28 Mar/mar 2001 NL (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR REMOVING AN ICE/WATER MIXTURE FROM A CONTAINER VIA A DRAIN
• PROCEDE ET DISPOSITIF D'ELIMINATION D'UN MELANGE DE GLACE/EAU D'UN CONTENANT PAR L'INTERMEDIAIRE D'UN REFOULEMENT

(71) SOLUTHERM B.V. [NL/NL]; Waalreseweg 17, NL-5554 HA Valkenswaard (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JELLEMA, Pieter [NL/NL]; Van Anrooijstraat 21, NL-5343 BA Oss (NL). NIJDAM, Jelle, Luutzen [NL/NL]; Holberg 8, NL-5508 HD Veldhoven (NL).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B65G 1/02, A47B 57/10

(11) WO 02/076857 (13) A1

(21) PCT/DE02/01073

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 101 15 765.7 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • STORAGE SHELVING COMPRISING A LIFT
• ELEVATEUR DE STOCKAGE A ETAGERES

(71) BELLHEIMER METALLWERK GMBH [DE/DE]; 76752 Bellheim/Pfalz (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOUCHE, Norbert [DE/DE]; Lazarettgarten 37 a, 76829 Landau (DE). MCFARLAND, John [GB/GB]; 41 Gainsborough Crescent, Rugby CW21 4DQ (GB).

(74) GRÜNECKER KINKELDEY STOCKMAIR & SCHWANHÄUSSER; Leistikowstrasse 2, 14050 Berlin (DE).

(81) 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 B65G 1/04

(11) WO 02/076858 (13) A2

(21) PCT/DE02/01071

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 101 15 757.6 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • STORAGE LIFT
• ELEVATEUR DE STOCKAGE

(71) BELLHEIMER METALLWERK GMBH [DE/DE]; D-76752 Bellheim/Pfalz (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOUCHE, Norbert [DE/DE]; Lazarettgarten 37 a, 76829 Landau (DE).

(74) GRÜNECKER KINKELDEY STOCKMAIR & SCHWANHÄUSSER - ANWALTSOZIOLOGIE; Leistikowstrasse 2, 14050 Berlin (DE).

(81) US.

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

(51)⁷ B65G 1/04

(11) WO 02/076859 (13) A1

(21) PCT/DE02/01072

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 101 15 754.1 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • STORAGE LIFT
• ELEVATEUR DE STOCKAGE

(71) BELLHEIMER METALLWERK GMBH [DE/DE]; 76752 Bellheim/Pfalz (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOUCHE, Norbert [DE/DE]; Lazarettgarten 37 a, 76829 Landau (DE). DOSER, Hubert [DE/DE]; Windthorstrasse 22, 67346 Speyer (DE). SÜSS, Rolf [DE/DE]; Friedrichstrasse 15, 76297 Stutensee (DE).

(74) GRÜNECKER KINKELDEY STOCKMAIR & SCHWANHÄUSSER ANWALTSOZIOLOGIE; Leistikowstrasse 2, 14050 Berlin (DE).

(81) 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 B65G 1/06, B66F 9/18

(11) WO 02/076860 (13) A1

(21) PCT/SE02/00469

(22) 13 Mar/mar 2002 (13.03.2002)

(25) sv (26) en

(30) 0101049-5 23 Mar/mar 2001 SE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE FOR A MATERIAL HANDLING SYSTEM
• DISPOSITIF POUR SYSTEME DE MANIPULATION

(71) BELLHEIMER METALLWERK GMBH [DE/DE]; 76752 Bellheim/Pfalz (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOUCHE, Norbert [DE/DE]; Lazarettgarten 37 a, 76829 Landau (DE). DOSER, Hubert [DE/DE]; Windthorstrasse 22, 67346 Speyer (DE). SÜSS, Rolf [DE/DE]; Friedrichstrasse 15, 76297 Stutensee (DE).

(74) GRÜNECKER KINKELDEY STOCKMAIR & SCHWANHÄUSSER ANWALTSOZIOLOGIE; Leistikowstrasse 2, 14050 Berlin (DE).

(81) US.

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

- (71) **COMPACT LOGISTIC SYSTEM I SMÅLANDSSTENAR AB** [SE/SE]; Oxelgatan 20, S-333 30 Smålandsstenar (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANTONSSON, Rickard** [SE/SE]; Hjälmskult, S-310 83 Unnaröd (SE). **STERLING, Håkan** [SE/SE]; Ljunggatan 27, S-333 32 Smålandsstenar (SE).
- (74) **NILSSON, Lennart**; Lennart Nilsson Patentbyrå AB, Ljungsjövägen 1298B, S-311 95 Falkenberg (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65G 17/44, 37/00, B67C 7/00**
(11) **WO 02/076861** (13) A1
(21) PCT/IT02/00188
(22) **25 Mar/mar 2002 (25.03.2002)**
(25) en (26) en
(30) RM2001A000159 **26 Mar/mar 2001 IT (26.03.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • PAD SUPPORTING LINK FOR RESTRAINT CHAINS, PARTICULARLY FOR STRAIGHT CHAMBER CAPPING MACHINES
• LIEN SUPPORT DE COUSSINET POUR CHAINES DE MAINTIEN, NOTAMMENT POUR MACHINES DE CAPSULAGE EN LIGNE
- (71) **CAPCO ENGINEERING S.R.L.** [IT/IT]; Via dell'Industria, 10, I-04011 Aprilia Lt (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TARAGNA, Pietro** [IT/IT]; c/o Capco Engineering S.R.L., Via dell'Industria, 10, I-04011 Aprilia Lt (IT). **SANTINI, Federico** [IT/IT]; c/o Capco Engineering S.R.L., Via dell'Industria, 10, I-04011 Aprilia Lt (IT).
- (74) **CAVATTONI, Massimo**; Studio Tecnico Brevetti Massimo Cavattoni, Via Archimede, 144, I-00197 Roma (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **B65H**
(11) **WO 02/076863** (13) A2
(21) PCT/US02/07469
(22) **7 Mar/mar 2002 (07.03.2002)**
(25) en (26) en
(30) 09/802,419 **9 Mar/mar 2001 US (09.03.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • LOCKOUT CAM FOR A BEDROLL OF A REWINDER
• CAME DE VERROUILLAGE DESTINÉE A UN CYLINDRE D'ENROULEMENT PRINCIPAL D'UN REENROULEUR
- (71) **PAPER CONVERTING MACHINE COMPANY** [US/US]; 2300 South Ashland Avenue, Green Bay, WI 54307 (US).
- (72) **MILLER, David, C.**; 1218 Woodland Court, Appleton, WI 54911 (US).
- (74) **CHESTNUT, John, W.**; 300 South Wacker Drive, Suite 2500, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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) 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 **B65G 69/16, A01F 25/02**
(11) **WO 02/076862** (13) A1
(21) PCT/CH02/00104
(22) **22 Feb/fév 2002 (22.02.2002)**
(25) de (26) de
(30) 539/01 **23 Mar/mar 2001 CH (23.03.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD AND SILO-DISPLACER COMBINATION FOR THE LOADING AND TRANSPORT OF AGRICULTURAL PRODUCTS
• PROCEDE ET COMBINAISON SILO-DISPOSITIF DE POUSSÉE PERMETTANT LE CHARGEMENT ET L'ACHEMINEMENT DE PRODUITS AGRICOLES
- (71) **BUCHER-GUYER AG** [CH/CH]; Murzelenstrasse, CH-8166 Niederweningen (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HERTRAMPF, Manfred** [DE/DE]; Hebelstrasse 6, 79761 Waldshut-Tiengen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- Published / Publiée : (c)
- (51)⁷ **B65H 23/34, B41J 15/08, 13/02, 13/10**
(11) **WO 02/076864** (13) A1
(21) PCT/JP02/02875
(22) **26 Mar/mar 2002 (26.03.2002)**
(25) ja (26) ja
(30) 2001-88184 **26 Mar/mar 2001 JP (26.03.2001)**
(30) 2001-221796 **23 Jul/juil 2001 JP (23.07.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • PAPER FEEDER AND PRINTER
• DISPOSITIF D'ALIMENTATION EN PAPIER ET IMPRIMANTE
- (71) **F & F LIMITED** [JP/JP]; 1788-156, Ohaza Hirooka-nomura, Shiojiri-shi, Nagano 399-0702 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUJIWARA, Hitoshi** [JP/JP]; 1788-156, Ohaza Hirooka-nomura, Shiojiri-shi, Nagano 399-0702 (JP).
- (74) **IMAI, Akira**; Nihonseimei Matsumotoekimae Bldg. 8th Floor, 4-20, Chuo 1-chome, Matsumoto-shi, Nagano 390-0811 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 **B65H 45/101, B65D 85/67, B26D 3/10**
(11) **WO 02/076865** (13) A1
(21) PCT/US02/08772
(22) **22 Mar/mar 2002 (22.03.2002)**
(25) en (26) en
(30) 60/278,272 **23 Mar/mar 2001 US (23.03.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • PACKAGING A STRIP OF MATERIAL OF VARYING WIDTH
• EMBALLAGE D'UNE BANDE DE MATÉRIAU DE LARGEUR VARIABLE
- (71) **BKI HOLDING CORPORATION** [US/US]; 300 Delaware Avenue, Suite 900, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JOHNSON, Robert, A.** [US/US]; 4 Bedford Terrace, Turnersville, NJ 08012 (US). **ZUHLSDORF, Juan, Carlos** [US/US]; Gevas Packaging & Converting Technologies, Ltd., 1181 South Rogers Circle No.21, Boca Raton, FL 33487 (US). **GRETTER, Carlo** [IT/US]; 1449 High Ridge Road, Boynton Beach, FL 33426 (US). **ROBERTS, John, H.** [US/US]; 1950 Central Avenue, Memphis, TN 38104 (US).
- (74) **SEMIONOW, Raina et al.** / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).

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

Published / Publiée : (c)

(51)⁷ B65H 49/02

(11) WO 02/076866 (13) A1

(21) PCT/US02/09206

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,127 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • UNWINDER FOR AS-SPUN ELASTOMERIC FIBER
• DEROULEUR POUR FIBRE ELASTOMERE FILEE TELLE QUELLE

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

(72) HEANEY, Daniel, J.; 106 Lime Kiln Drive, Neenah, WI 54956 (US). GRAVERSON, Jon, P.; 505 Van Street, Neenah, WI 54956 (US). HICKS, Dennis; 1398 Pinchurst Lane, Neenah, WI 54956 (US). MARTIN, Kenneth, E.; 25 W. Periwinkle Lane, Newark, DE 19711 (US).

(74) FURR, Robert, B., Jr.; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) BR JP MX.

(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 B65H 69/04

(11) WO 02/076867 (13) A1

(21) PCT/US02/09204

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,145 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • APPARATUS AND METHOD FOR SPLICING THREADLINES BY KNOT-INDUCED THREAD TWIST ENTANGLEMENT
• PROCEDE ET APPAREIL D'EPISSAGE DE LIGNES DE FIL PAR ENTRELACEMENT EN TORSION DES FILS REALISE PAR NOUAGE

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

(72) HEANEY, Patrick, J.; 106 Lime Kiln Road, Neenah, WI 54956 (US). ROLAND, David,

R.; 6031 Lasley Point Road, Winneconne, WI 54986 (US).

(74) FURR, Robert, B., Jr.; E. I. Du Pont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) BR JP MX.

(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 B65H 75/14, A61F 15/00

(11) WO 02/076868 (13) A1

(21) PCT/US02/02721

(22) 30 Jan/jan 2002 (30.01.2002)

(25) en (26) en

(30) 09/818,240 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ROLL GOODS DISPENSER SYSTEM AND METHODS OF USE
• SYSTEME DE DISTRIBUTEUR DE MARCHANDISES EN ROULEAU ET PROCEDES D'UTILISATION

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

(72) SWANSON, Mark D.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). WINDORSKI, David C.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). PILOSI, Paul A.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). SOMERS, Micah T.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) GWIN, Doreen S. L. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B65S

(11) WO 02/076869 (13) A2

(21) PCT/GB02/01425

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 0107331.1 23 Mar/mar 2001 GB (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CHAINS

• CHAINES

(71) PARSONS CHAIN COMPANY LIMITED [GB/GB]; Worcester Road, Stourport-on-Severn, Worcestershire DY13 9AT (GB).

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

(72, 75) DUDLEY, Roger [GB/GB]; 20 Claerwen Avenue, Burlish Park, Sourport-on-Severn DY13 8LW (GB). GHAMAN, Lakbir [GB/GB]; Lindale Park, Wednesfield, Wolverhampton WV11 3JP (GB).

(74) FORRESTER KETLEY & CO; Chamberlain House, Paradise Place, Birmingham B3 3HP (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 3/00, G09F 13/18

(11) WO 02/076870 (13) A1

(21) PCT/JP02/02386

(22) 13 Mar/mar 2002 (13.03.2002)

(25) ja (26) ja

(30) 2001-74980 15 Mar/mar 2001 JP (15.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELEVATOR DISPLAY UNIT

• UNITE D'AFFICHAGE D'ASCENSEUR

(71) FUJITEC CO., LTD. [JP/JP]; 28-10, Shoh 1-chome, Ibaraki-shi, Osaka 567-8510 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SATO, Tadashi [JP/JP]; c/o FUJITEC CO., LTD., 28-10, Shoh 1-chome, Ibaraki-shi, Osaka 567-8510 (JP).

(74) NISHIOKA, Nobuyasu; Sumitomo-seimei Onishi Bldg.10F, 1-13, Uchihonmachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0026 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 31/00

(11) WO 02/076871 (13) A1

(21) PCT/IT02/00172

- (22) 19 Mar/mar 2002 (19.03.2002)
- (25) en (26) en
- (30) FI2001A000050 23 Mar/mar 2001 IT (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • EQUIPMENT FOR CLEANING THE GROOVED STEPS OF ESCALATORS AND OTHER GROOVED SURFACES
- EQUIPEMENT DE NETTOYAGE DES MARCHES RAINUREES D'ESCALIERS MECANQUES ET D'AUTRES SURFACES COMPORTANT DES RAINURES
- (71) DUPLEX S.R.L. [IT/IT]; Via Gobetti 19/21/23, I-50058 Signa, Firenze (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCARSELLI, Renzo [IT/IT]; Via Colli Alti, 131, I-50058 Signa (IT).
- (74) MANNUCCI, Gianfranco 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B66C 1/28, 1/32, B25J 15/10
- (11) WO 02/076872 (13) A1
- (21) PCT/GB02/01376
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 0107480.6 24 Mar/mar 2001 GB (24.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND APPARATUS FOR HANDLING A STACK OF OBJECTS
- PROCEDE ET APPAREIL DE MANUTENTION D'UNE PILE D'OBJETS
- (71, 72) KHODABANDEHLOO, Koorosh [GB/GB]; Robotic Solutions plc, Harringay House, Culmstock, Devon EX15 3LA (GB).
- (74) CRASKE, Stephen, Allan; Craske & Co., Patent Law Chambers, 15 Queens Terrace, Exeter, Devon EX4 4HJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B66C 23/68, 23/693
- (11) WO 02/076874 (13) A1
- (21) PCT/DE02/00559
- (22) 13 Feb/fév 2002 (13.02.2002)
- (25) de (26) de
- (30) 101 16 245.6 28 Mar/mar 2001 DE (28.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • TELESCOPIC BOOM FOR A VEHICLE CRANE
- FLECHE TELESCOPIQUE POUR UNE GRUE AUTOMOTRICE
- (71) DEMAG MOBILE CRANES GMBH & CO. KG [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STOWASSER, Walter [DE/DE]; Obere Himmelsbergstr. 101, 66482 Zweibrücken (DE). CONRAD, Klaus [DE/DE]; Schmalscheidstr. 13, 66500 Hornbach (DE). FRIES, Oliver [DE/DE]; Schlanggasse 14, 66578 Schiffweiler (DE). MICHAELI, Werner [DE/DE]; Eckstr. 47, 66386 St. Ingbert (DE).
- (74) MEISSNER, P., E.; Patentanwaltsbüro, Meissner & Meissner, Hohenzollerndamm 89, 14199 Berlin (DE).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ B67D
- (11) WO 02/076875 (13) A2
- (21) PCT/US02/09405
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) en (26) en
- (30) 60/278,839 26 Mar/mar 2001 US (26.03.2001)
- (30) 09/931,687 16 Aug/août 2001 US (16.08.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • BEVERAGE DISPENSING URN WITH ELECTRONIC DISPLAY
- DISTRIBUTEUR DE BOISSON AVEC DISPOSITIF D'AFFICHAGE ELECTRONIQUE
- (71) FOOD EQUIPMENT TECHNOLOGIES COMPANY, INC. [US/US]; 640 Heathrow Drive, Lincolnshire, IL 60069 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZBIGNIEW, G., Lassota [PL/US]; 3957 R.F.D, Long Grove, IL 60047 (US).
- (74) LAW OFFICES OF POTTHAST & ASSOCIATES; Attn: James W. Potthast, 2712 N. Ashland Avenue, Chicago, IL 60614-1106 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 B67D 5/372, 5/377, 5/28, B67C 3/30
- (11) WO 02/076876 (13) A1
- (21) PCT/AU02/00340
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) en (26) en
- (30) PR 3903 22 Mar/mar 2001 AU (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)

(54) • WINE BARREL FILLING APPARATUS
• DISPOSITIF DE REMPLISSAGE DE FUTS DE VIN

(71, 72) GUSZLOVAN, Jim [AU/AU]; 39 Fordham Road, Reservoir, Victoria 3073 (AU).

(74) FREEHILLS CARTER SMITH BEADLE; Level 43, 101 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B68C 1/12

(11) WO 02/076877 (13) A2

(21) PCT/GB02/01185

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 0107582.9 27 Mar/mar 2001 GB (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPROVEMENTS IN OR RELATING TO SADDLE CLOTHS

• AMELIORATIONS PORTANT SUR DES TOILES DE SELLE

(71, 72) KEMPSELL, David [GB/GB]; Little Duskin Farm, Covet Lane, Kingston, Canterbury, Kent CT4 6JS (GB). WHITE, Margaret, Lesley [GB/GB]; Little Duskin Farm, Covet Lane, Kingston, Canterbury, Kent CT4 6JS (GB).

(74) BROOKES BATCHELOR; 102-108 Clerkenwell Road, London EC1M 5SA (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 1/00, B01L 3/00

(11) WO 02/076878 (13) A2

(21) PCT/US02/03638

(22) 8 Feb/fév 2002 (08.02.2002)

(25) en (26) en

(30) 60/267,692 9 Feb/fév 2001 US (09.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND STRUCTURE FOR MICROFLUIDIC FLOW GUIDING

• PROCEDE ET STRUCTURE PERMETTANT LE GUIDAGE D'ECOLEMENTS MICROFLUIDIQUES

(71) WISCONSIN ALUMNI RESEARCH FOUNDATION [US/US]; 614 North Walnut Street, P.O. Box 7365, Madison, WI 53707-7365 (US).

(72) BEEBE, David, J.; 4647 Tonyawatha Trail, Madison, WI 53716 (US). MOORE, Jeffrey, S.; 807 Vista Drive, Savoy, IL 61874 (US). ZHAO, Bin; Not applicable (**).

(74) ENGSTROM, Harry, C. et al. / etc.; Foley & Lardner, 150 East Gilman Street, P.O. Box 1497, Madison, WI 53701-1497 (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 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 CH CY DE DK ES FI FR GB GR IE IT 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, 7/00, G02B 6/42, B01L 3/00

(11) WO 02/076879 (13) A1

(21) PCT/DK02/00214

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 01610035.6 27 Mar/mar 2001 EP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A UNITARY FLEXIBLE AND MECHANICALLY AND CHEMICALLY ROBUST MICROSYSTEM AND A METHOD FOR PRODUCING SAME

• MICROSYSTEME SOUPLE, FORMANT UNE SEULE PIECE, ROBUSTE CHIMIQUEMENT ET MECANIQUEMENT, ET SON PROCEDE DE PRODUCTION

(71) DANISH ELECTRONICS LIGHT & ACOUSTICS (DELTA) [DK/DK]; Venlighedsvej 4, DK-2970 Hørsholm (DK).
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(72, 75) LISBY, Torben [DK/DK]; Charlotte Munchs Vej 1, st.tv., DK-2400 Copenhagen NV (DK). BRANEBJERG, Jens, A. [DK/DK]; Stumpedyssesvej 9, DK-2970 Hørsholm (DK).

(74) NIELSEN, Henrik, Sten; Budde, Schou & Ostenfeld A/S, Vester Sogade 10, DK-1601 Copenhagen V (DK).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 B81C 1/00, B81B 3/00

(11) WO 02/076880 (13) A2

(21) PCT/DE02/00883

(22) 13 Mar/mar 2002 (13.03.2002)

(25) de (26) de

(30) 101 14036.3 22 Mar/mar 2001 DE (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR PRODUCING MICROMECHANIC SENSORS AND SENSORS PRODUCED BY SAID METHOD
• PROCEDE DE PRODUCTION DE DETECTEURS MICROMECHANIQUES, ET DETECTEURS AINSI OBTENUS

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
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(72, 75) BENZEL, Hubert [DE/DE]; Stellenaeckerstrasse 3, 72124 Pliezhausen (DE). WEBER, Heribert [DE/DE]; Im Hoefle 28, 72622 Nuertingen (DE). ARTMANN, Hans [DE/DE]; Liebenzeller Weg 2/1, 71106 Magstadt (DE). SCHAEFER, Frank [DE/DE]; Otto-Erde-Weg 52, 72070 Tuebingen (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 B81C 1/00, B81B 3/00, G01L 9/00, G12B 1/04

(11) WO 02/076881 (13) A1

(21) PCT/FR02/01040

(22) 26 Mar/mar 2002 (26.03.2002)

(25) fr (26) fr

(30) 01/04174 28 Mar/mar 2001 FR (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR MAKING A STRUCTURE WITH MICROMACHINED MEMBRANE
• PROCEDE DE FABRICATION D'UNE STRUCTURE A MEMBRANE MICROUSINEE

(71) COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR]; 31/33, rue de la Fédération, F-75752 PARIS 15ème (FR).
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(74) LEHU, Jean; c/o BREVATOME, 3, rue du Docteur Lancereaux, F-75008 PARIS (FR).

(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 C01B 3/02

(11) WO 02/076882 (13) A2

(21) PCT/US02/03690

(22) 7 Feb/fév 2002 (07.02.2002)

(25) en (26) en

(30) 09/816,694 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR GENERATING HYDROGEN FOR FUEL CELLS

• PROCEDE DE PRODUCTION D'HYDROGENE POUR PILES A COMBUSTIBLE

(71) UNIVERSITY OF CHICAGO [US/US]; 5801 South Ellis Avenue, Chicago, IL 60637 (US).

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(74) KASSEL, Mark; Foley & Lardner, 150 East Gilman Street, P.O. Box 1497, Madison, WI 53701-1497 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C01B 3/32, 3/38, 3/48, 3/58, B01J 8/04, C01B 3/40

(11) WO 02/076883 (13) A1

(21) PCT/US02/04685

(22) 7 Feb/fév 2002 (07.02.2002)

(25) en (26) en

(30) 09/816,676 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FUEL PROCESSOR AND METHOD FOR GENERATING HYDROGEN FOR FUEL CELLS

• ORGANE DE TRAITEMENT DE COMBUSTIBLE ET PROCEDE DE PRODUCTION D'HYDROGENE POUR PILES A COMBUSTIBLE

(71) UNIVERSITY OF CHICAGO [US/US]; 5801 South Ellis Avenue, Chicago, IL 60637 (US).

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(72, 75) AHMED, Shabbir [US/US]; 2843 Fairhauser Court, Naperville, IL 60564 (US). LEE, Sheldon [US/US]; 130 Somers Road, Willowbrook, IL 60521 (US). CARTER, John [US/US]; 553 Cumberland Lane, Bolingbrook, IL 60440 (US). KRUMPELT, Michael [US/US]; 12S019 Book Road, Naperville, IL 60564 (US).

(74) KASSEL, Mark; Foley & Lardner, 150 East Gilman Street, P.O. Box 1497, Madison, WI 53701-1497 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C01B 3/34, B01J 19/08, 19/24, 12/00, C01B 3/50

(11) WO 02/076884 (13) A1

(21) PCT/GB02/01224

(22) 15 Mar/mar 2002 (15.03.2002)

(25) en (26) en

(30) 0107020.0 21 Mar/mar 2001 GB (21.03.2001)

(30) 0125579.3 25 Oct/oct 2001 GB (25.10.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PRODUCTION OF HYDROGEN

• PRODUCTION D'HYDROGENE

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(72, 75) CARLOW, John, Sydney [GB/GB]; 19 Elmsleigh Gardens, Southampton, Hampshire SO16 3GE (GB). HALL, Stephen, Ivor [GB/GB]; 9 Blenheim Lane, Free-land, Oxford, Oxfordshire OX8 8AW (GB). MARTIN, Anthony, Robert [GB/GB]; 17 Hamble Drive, Abingdon, Oxfordshire OX14 3TF (GB).

(74) LOFTING, Marcus, John 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

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

(51)⁷ C01B 3/40, 3/16, B01J 27/22

(11) WO 02/076885 (13) A2

(21) PCT/EP02/03339

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/817,523 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF USING MOLYBDENUM CARBIDE CATALYST

• PROCEDE D'UTILISATION DE CATALYSEUR AU CARBURE DE MOLYBDENE

(71) N.V. UMICORE S.A. [BE/BE]; Rue du Marais 31, B-1000 Brussels (BE).

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(72, 75) SEEGOPPAUL, Purnesh [US/US]; 8 Wyckoff Lane, Flemington, NJ 08822 (US). GAO, Lin [CN/US]; 91 Marvin Lane, Piscataway, NJ 08854 (US).

(74) N.V. UMICORE S.A.; Kasteelstraat 7, B-2250 Olen, Attn: Guy Knockaert (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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 C01B 15/023

(11) WO 02/076886 (13) A1

(21) PCT/EP02/01142

(22) 5 Feb/fév 2002 (05.02.2002)

(25) de (26) de

(30) 101 14 982.4 27 Mar/mar 2001 DE (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR THE PRODUCTION OF HYDROGEN PEROXIDE
• PROCEDE DE PRODUCTION DE PEROXYDE D'HYDROGENE

(71) DEGUSSA AG [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).

(72) HAAS, Thomas; Lersnerstrasse 30a, 60322 Frankfurt (DE). GLENNEBERG, Jürgen; Bieberer Strasse 37, 63065 Offenbach (DE). WAGNER, Rudolf; Huboldtstrasse 5, 63538 Grosskrotzenburg (DE). VANHEERTUM, Rudolf; Antoinettalci 1, B-2930 Brasschaat (BE).

(81) AU BR CA CN CZ ID IL IN JP KR MX NZ PL RO RU SI ZA.

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

(51)⁷ C01B 31/02

(11) WO 02/076887 (13) A2

(21) PCT/CA02/00427

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/278,434 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROCESS AND APPARATUS FOR SYNTHESIS OF NANOTUBES
• PROCEDE ET APPAREIL PERMETTANT LA SYNTHÈSE DE NANOTUBES

(71) NATIONAL RESEARCH COUNCIL OF CANADA [CA/CA]; 1200 Montreal Road, Ottawa, Ontario K1A 0R6 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SIMARD, Benoit [CA/CA]; 613 Arc-en-Ciel Street, Orléans, Ontario K4A 3H9 (CA). BARNETT, Michael [CA/CA]; 127 Concord Street South, Ottawa, Ontario K1S 0Z2 (CA). DENOMMEE, Stéphane [CA/CA]; 290 McGregor Drive, Carleton Place, Ontario K7C 3P2 (CA). RUTH, Dean [CA/CA]; 2422 Clover Street, Apartment 3, Ottawa, Ontario K1V 8G5 (CA).

(74) MARSMAN, Kathleen, E. et al. / etc.; Borden Ladner Gervais LLP, World Exchange Plaza, 100 Queen Street, Suite 1100, Ottawa, Ontario K1P 1J9 (CA).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C01B 31/02, C08K 7/24

(11) WO 02/076888 (13) A1

(21) PCT/IL02/00237

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 142254 26 Mar/mar 2001 IL (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR THE PREPARATION OF STABLE SUSPENSIONS AND POWDERS OF SINGLE CARBON NANOTUBES

• ÉLABORATION DE SUSPENSIONS STABLES ET POWDRES À BASE DE NANOTUBES DE MONOCARBONE

(71) BEN-GURION UNIVERSITY OF THE NEGEV [IL/IL]; Research & Development Authority, P.O. Box 653, 84105 Beer-Sheva (IL).

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(72, 75) YERUSHALMI-ROZEN, Rachel [IL/IL]; Kfar Varburg, 70998 D.N. Beertuvia (IL). REGEV, Oren [IL/IL]; Moshav Beer-tuvia #74, 83815 D.N. Beertuvia (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C01G 31/00, H05H 3/02, G01T 1/167

(11) WO 02/076889 (13) A1

(21) PCT/US02/05231

(22) 15 Feb/fév 2002 (15.02.2002)

(25) en (26) en

(30) 09/818,435 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DISAGGREGATION OF ASPHALTENES IN INCOMPATIBLE PETROLEUM OIL MIXTURES

• DESAGREGATION D'ASPHALTENES CONTENUS DANS DES MELANGES

D'HUILES DE PETROLE INCOMPATIBLES

(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(72, 75) MASON, Thomas, G. [US]; 412 Morris Avenue #17, Summit, NJ 07971 (US). LIN, Min, Yue [US]; 12214 Pissaro Drive, North Potomac, MD 20878 (US).

(74) HANTMAN, Ronald, D. et al. / etc.; Exxon-Mobil Research and Engineering Company, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 C02F

(11) WO 02/076890 (13) A2

(21) PCT/DE02/01026

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 15 179.9 27 Mar/mar 2001 DE (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND MEASURING DEVICE FOR AUTOMATICALLY DETERMINING THE CONCENTRATION FACTOR OF CONDITIONED SEWAGE SLUDGE

• PROCEDE ET DISPOSITIF DE MESURE POUR LA DETERMINATION AUTOMATIQUE DU FACTEUR DE CONCENTRATION DES BOUES DE CURAGE CONDITIONNEES

(71) CLAUSTHALER UMWELTTECHNIKINSTITUT GMBH (CUTEC-INSTITUT) [DE/DE]; Leibnizstrasse 21 + 23, 38678 Clausthal-Zellerfeld (DE).

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(72, 75) SCHRÖDER, Christian [DE/DE]; Paul-Ernst-Strasse 16, 38678 Clausthal-Zellerfeld (DE). SIEVERS, Michael [DE/DE]; Tannenhöhe 10, 38678 Clausthal-Zellerfeld (DE).

(74) GERSTEIN, Joachim; 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 CH CY DE DK ES FI FR GB GR IE 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) (u) for / pour US only / seulement

(51)⁷ C02F 1/52, 11/00, 11/12, 11/14, 1/54, 1/56

(11) WO 02/076891 (13) A2

(21) PCT/FR02/01013

(22) 22 Mar/mar 2002 (22.03.2002)

(25) fr (26) fr

(30) 01/04509 22 Mar/mar 2001 FR (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR CONDITIONING OR DEWATERING SLUDGE DERIVED FROM THE PAPER INDUSTRY OR AGRICULTURE

• PROCÉDE DE CONDITIONNEMENT OU DE DESHYDRATATION DE BOUES ISSUES DE L'INDUSTRIE PAPETERIE OU AGRO-ALIMENTAIRE

(71) RHODIA CHIMIE [FR/FR]; 26, quai Alphonse Le Gallo, F-92512 BOULOGNE-BILLANCOURT CEDEX (FR).

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(72, 75) COMMUNAL, Jean-Pierre [FR/FR]; Résidence les Florentines allée 52, 27, avenue Lacassagne, F-69003 LYON (FR). KHATER, Eric [FR/FR]; 63, rue Cramail, F-92500 RUEIL MALMAISON (FR).

(74) DELENNE, Marc; RHODIA SERVICES, Direction de la Propriété Industrielle, 40, rue de la Haie-Coq, F-93306 AUBERVILLIERS 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C02F 1/56

(11) WO 02/076892 (13) A1

(21) PCT/US02/00576

(22) 8 Jan/jan 2002 (08.01.2002)

(25) en (26) en

(30) 09/815,790 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • POLYAMPHOTERIC POLYMERS FOR RAW WATER TREATMENT

• POLYMERES POLYAMPHOTERIQUES POUR LE TRAITEMENT DES EAUX BRUTES

(71) ONDEO NALCO COMPANY [US]; Ondeo Nalco Center, Naperville, IL 60563-1198 (US).

(72) JOHNSON, Brian, S.; 3 South 102 Timber Drive, Warrenville, IL 60555 (US). STAPLES, Christine, A.; 13172 West Jewell Circle, Lakewood, CO 80228 (US). BRADEN, Michael, L.; 4123 St. Ives, Sugar Land, TX 77479 (US).

(74) KEEFER, Timothy, J.; Wildman, Harold, Allen & Dixon, 225 West Wacker Drive, Chicago, IL 60606 (US).

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

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

(51)⁷ C02F 3/28, 1/24

(11) WO 02/076893 (13) A1

(21) PCT/NL02/00193

(22) 26 Mar/mar 2002 (26.03.2002)

(25) nl (26) en

(30) 1017690 26 Mar/mar 2001 NL (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR THE ANAEROBIC PURIFICATION OF A SLURRY WHICH CONTAINS ORGANIC CONSTITUENTS

• PROCÉDE ET DISPOSITIF POUR LA PURIFICATION ANAEROBIE D'UNE BOUE LIQUIDE QUI CONTIENT DES CONSTITUANTS ORGANIQUES

(71) PAQUES BIO SYSTEMS B.V. [NL/NL]; P.O. Box 52, NL-8560 AB Balk (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) VELLINGA, Sjoerd, Hubertus, Jozef [NL/NL]; Pastorisingel 23, NL-8458 CP Tjalleberd (NL). MULDER, Ronald [NL/NL]; St. Jacobsstraat 3, NL-1811 BN Alkmaar (NL).

(74) JORRITSMA, Ruurd; Nederlandsch Octrooibureau, Scheveningsweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

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

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

(51)⁷ C02F 11/14, 1/56, 1/52, 1/54

(11) WO 02/076894 (13) A1

(21) PCT/FR02/01032

(22) 25 Mar/mar 2002 (25.03.2002)

(25) fr (26) fr

(30) 01/04511 23 Mar/mar 2001 FR (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOSITION THAT CAN BE USED FOR CONDITIONING SLUDGE

• COMPOSITION UTILISABLE POUR LE CONDITIONNEMENT DE BOUES

(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) BONNET-GONNET, Cécile [FR/FR]; 2ter, passage du Chemin Vert, F-75011 PARIS (FR). PESCHER, Yvette [FR/FR]; 6, rue de la Mégisserie, F-92220 BAGNEUX (FR).

(74) DELENNE, Marc; RHODIA SERVICES, Direction de la Propriété Industrielle, 40, rue de la Haie-Coq, F-93306 AUBERVILLIERS 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 CH CY DE DK ES FI FR GB GR IE 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 C03B 11/14

(11) WO 02/076895 (13) A1

(21) PCT/NL02/00188

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 1017679 23 Mar/mar 2001 NL (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR MANUFACTURING AN OBJECT OF GLASS WITH AT LEAST ONE THREE-DIMENSIONAL FIGURINE ENCLOSED THEREIN

• PROCÉDE ET DISPOSITIF PERMETTANT DE FABRIQUER UN OBJET EN VERRE RENFERMANT AU MOINS UNE FIGURINE A TROIS DIMENSIONS

(71) **SULPHIDE PRODUCTIONS (HK) LTD.** [CN/CN]; Suite 1601-1603 Kinwick Centre, 32 Hollywood Road, Central, Hong Kong (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN OLPHEN, Theo** [NL/VN]; 31B Ly Tu Trong Street, District 1 Ho Chi Minh City (VN).

(74) **METMAN, Karel, Johannes; De Vries & Metman**, Overschiestraat 180, NL-1062 XK Amsterdam (NL).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C03B 23/045, 35/26, B65G 49/06

(11) WO 02/076896 (13) A1

(21) PCT/JP02/00463

(22) 23 Jan/jan 2002 (23.01.2002)

(25) ja (26) ja

(30) 2001-085928 23 Mar/mar 2001 JP (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF SUPPORTING GLASS BASE MATERIAL AND SUPPORTING PIN
• PROCEDE DE SOUTIEN D'UN MATERIAU DE BASE EN VERRE ET TIGE DE SUPPORT

(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) **YAGI, Kanta** [JP/JP]; c/o Kiyohara Sumiden Industries, Ltd., 18-5, Kiyoharakogyodanchi, Utsunomiya-shi, Tochigi 321-3231 (JP). **KUDO, Toshinori** [JP/JP]; c/o Kiyohara Sumiden Industries, Ltd., 18-5, Kiyoharakogyodanchi, Utsunomiya-shi, Tochigi 321-3231 (JP).

(74) **MIYAKOSHI, Noriaki**; Shin-ei Patent Office, 29th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6029 (JP).

(81) CN KR US.

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

(51)⁷ C03B 29/08

(11) WO 02/076897 (13) A1

(21) PCT/EP02/03020

(22) 15 Mar/mar 2002 (15.03.2002)

(25) fr (26) fr

(30) 2001/0193 23 Mar/mar 2001 BE (23.03.2001)

(30) 2001/0621 26 Sep/sep 2001 BE (26.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR HEATING GLASS SHEETS IN AN OVEN
• PROCEDE ET DISPOSITIF DE CHAUFFAGE DE FEUILLES DE VERRE DANS UN FOUR

(71) **GLAVERBEL** [BE/BE]; Chaussée de la Hulpe, 166, B-1170 Bruxelles (Watermael-Boitsfort) (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAMBERT, Emmanuel** [BE/BE]; Glaverbel - Centre R. & D., Rue de l'Aurore, 2, B-6040 Jumet (BE).

(74) **FARMER, Guy** et al. / etc.; Glaverbel - Centre R. & D., Département Propriété Intellectuelle, Rue de l'Aurore, 2, B-6040 Jumet (BE).

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

(u) for / pour US only / seulement

(51)⁷ C03C 1/00, 13/00

(11) WO 02/076898 (13) A1

(21) PCT/EP02/01083

(22) 2 Feb/fév 2002 (02.02.2002)

(25) de (26) de

(30) 101 14 985.9 26 Mar/mar 2001 DE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PRODUCTION OF MINERAL WOOL
• PRODUCTION DE LAINE MINERALE

(71, 72) **NOACK, Hans-Peter** [DE/DE]; Düsterstrasse 23a, 44797 Bochum (DE).

(74) **SCHNEIDERS & BEHRENDT**; Postfach 10 23 65, 44723 Bochum (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C03C 3/085, 3/091, B32B 9/00, C03C 4/04

(11) WO 02/076899 (13) A1

(21) PCT/EP02/02432

(22) 6 Mar/mar 2002 (06.03.2002)

(25) de (26) de

(30) 101 14 581.0 24 Mar/mar 2001 DE (24.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ALUMINOBOROSILICATE GLASS DEVOID OF ALKALI AND USES THEREOF

• VERRE D'ALUMINOBOROSILICATE EXEMPT D'ALCALIS ET SES UTILISATIONS

(71) **SCHOTT GLAS** [DE/DE]; Hattenbergstraße 10, 55122 Mainz (DE).

(for all designated States except / pour tous les États désignés sauf AU GB IE IL IN JP KR KR NZ SG US ZA)

(71) **CARL-ZEISS-STIFTUNG trading as SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).

(only for / seulement pour AU BB BF BJ BZ CF CG CI CM GA GB GD GE GH GM GN GQ GW IE IL IN KE KG KP KR KZ LC LK LR LS MG ML MN MR MW MZ NE NZ SD SG SL SN SZ TD TG TT TZ UG VN ZA ZM ZW)

(71) **CARL-ZEISS-STIFTUNG** [DE/DE]; 89518 Heidenheim an der Brenz (DE).

(only for / seulement pour BB BF BJ BZ CF CG CI CM GA GD GE GH GM GN GQ GW JP KE KG KZ LC LK LR LSG ML MN MR MW MZ NE SD SL SN SZ TD TG TT TZ UG VN ZM ZW)

(72, 75) **PEUCHERT, Ulrich** [DE/DE]; Ernst-Ludwig-Strasse 16, 55294 Bodenheim (DE). **GASCHLER, Ludwig** [DE/DE]; Am Bangert 9, 55217 Mainz (DE).

(74) **SCHOTT GLAS; Patentabteilung**, Hattenbergstrasse 10, 55122 Mainz (DE).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C03C 17/00, 17/32, 17/34, 17/22

(11) WO 02/076900 (13) A2

(21) PCT/DE02/01069

(22) 25 Mar/mar 2002 (25.03.2002)

(25) de (26) de

(30) 101 15 159.4 27 Mar/mar 2001 DE (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • SURFACE-COATED GLASS GRANULATE
 • GRANULAT DE VERRE A SURFACE ENROBEE
- (71) PUR-BAUCHEMIE GMBH [DE/DE]; Kränkelsweg 34b, 41748 Viernsen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAROHN, Heinz [DE/DE]; Kliebruchstr. 51, 47803 Krefeld (DE).
- (74) BAUER, Wulf; Bayenthalgürtel 15, 50968 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 CH CY DE DK ES FI FR GB GR IE 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 C03C 17/36
- (11) WO 02/076901 (13) A1
- (21) PCT/EP02/03375
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (30) 101 15 196.9 27 Mar/mar 2001 DE (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COATED GLASS SHEET
 • PLAQUE DE VERRE REVETUE
- (71) PILKINGTON DEUTSCHLAND AG [DE/DE]; Haydnstrasse 19, 45884 Gelsenkirchen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PAUL, Thomas [DE/DE]; Bunsenstrasse 5b, 44625 Herne (DE). NÖTHE, Axel [DE/DE]; Amtstrasse 72, 44575 Castrop-Rauxel (DE). MÜLLER, Dieter [DE/DE]; Nesselrodeweg 59, 45891 Gelsenkirchen (DE). RISSMANN, Michael [DE/DE]; Herderstrasse 32, 45271 Haltern (DE). HÖLSCHER, Heinz [DE/DE]; Bülowstrasse 50, 45711 Datteln (DE).
- (74) HALLIWELL, Anthony, Charles et al. / etc.; Pilkington plc, Group Intellectual Property Department, Pilkington European Technical Centre, Hall Lane, Lathom, Ormskirk, Lancashire L40 5UF (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C03C 19/00, C09G 1/02, C09K 3/14
- (11) WO 02/076902 (13) A1
- (21) PCT/JP02/02988
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (30) 2001-089030 27 Mar/mar 2001 JP (27.03.2001)
- (30) 60/280,758 3 Apr/avr 2001 US (03.04.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMPOSITION FOR TEXTURING PROCESS
 • COMPOSITION POUR PROCÉDE DE TEXTURATION
- (71) SHOWA DENKO K.K. [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAMADA, Jiro [JP/JP]; Showa Denko K. K. Shiojiri Plant, 1, Oaza Soga, Shiojiri-shi, Nagano 399-6461 (JP).
- (74) FUKUDA, Kenzo et al. / etc.; Kashiwaya Building 4F, 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C04B
- (11) WO 02/076903 (13) A2
- (21) PCT/US02/08913
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 60/278,015 22 Mar/mar 2001 US (22.03.2001)
- (30) Not furnished / non communiqué 21 Mar/mar 2002 US (21.03.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • HALO-POLYMER NANOCOMPOSITE COMPOSITIONS, METHODS, AND PRODUCTS EMPLOYING SUCH COMPOSITIONS
 • COMPOSITIONS NANOCOMPOSITES DE POLYMERES HALOGENES, PROCÉDES ET PRODUITS FAISANT APPEL A DE TELLES COMPOSITIONS
- (71) CLEMSON UNIVERSITY [US/US]; 300 Brackett Hall, Clemson, SC 29634-5701 (US).
- (72) CARROLL, David; 219 Luna Lane, Central, SC 29630 (US). BALLATO, John; 811 Issaqueena Trail, Central, SC 29630 (US). FOULGER, Stephen; 301 Monaco Circle, Clemson, SC 29631 (US). CZERW, Richard; 102 Sedgefield Drive, Clemson, SC 29631 (US). SMITH, Dennis; 3010 North Bayshore Drive, Seneca, SC 29672 (US). SHAH, Hiren; 146 Folger Street, Clemson, SC 29631 (US). WAGENER, Earl; 216 Strawberry Lane, Clemson, SC 29631 (US).
- (74) DORITY & MANNING, P.A.; P.O. Box 1449, Greenville, SC 29602 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C04B 28/00
- (11) WO 02/076904 (13) A2
- (21) PCT/DE02/01068
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) de (26) de
- (30) 101 15 158.6 27 Mar/mar 2001 DE (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CONSTRUCTION-MATERIAL BODY OR COATING CONTAINING GLASS
 • MATERIAU DE CONSTRUCTION SOUS FORME DE CORPS OU DE REVETEMENT CONTENANT DU VERRE
- (71) PUR-BAUCHEMIE GMBH [DE/DE]; Kränkelsweg 34b, 41748 Viernsen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAROHN, Heinz [DE/DE]; Kliebruchstr. 51, 47803 Krefeld (DE).
- (74) BAUER, Wulf; Bayenthalgürtel 15, 50968 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 CH CY DE DK ES FI FR GB GR IE 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 C04B 35/52
- (11) WO 02/076905 (13) A1
- (21) PCT/US02/07578
- (22) 12 Mar/mar 2002 (12.03.2002)
- (25) en (26) en

- (30) 09/814,341 **21 Mar/mar 2001** US
(21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COLLOIDAL SILICA REFRACTORY SYSTEM FOR AN ELECTRIC ARC FURNACE
• SYSTEME DE SILICE REFRACTAIRE COLLOIDALE POUR FOUR ELECTRIQUE A ARC
- (71) MAGNECO/METREL, INC. [US/US]; 233 Interstate Road, Addison, IL 60101 (US).
- (72) CONNORS, Charles, W., Sr.; 1410 Sheridan Road, Apt. 2D, Wilmette, IL 60091 (US). ANDERSON, Michael, W.; 930 Wild Ginger Trail, West Chicago, IL 60185 (US).
- (74) CLARK, Richard, K.; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C04B 35/5831
- (11) WO 02/076906 (13) A2
- (21) PCT/JP02/02987
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (30) 2001-089029 **27 Mar/mar 2001** JP
(27.03.2001)
- (30) 60/280,749 **3 Apr/avr 2001** US
(03.04.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR PRODUCING CUBIC BORON NITRIDE AND PRODUCT OBTAINED THROUGH THE METHOD
• PROCEDE DE PRODUCTION DE NITRURE DE BORE CUBIQUE ET PRODUIT OBTENU PAR CE PROCEDE
- (71) SHOWA DENDO K.K. [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IIZUKA, Makoto [JP/JP]; Showa Denko K.K. Shiojiri Plant, 1, Oaza Soga, Shiojiri-shi, Nagano 399-6461 (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 KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C04B 38/00
- (11) WO 02/076908 (13) A1
- (21) PCT/JP02/02825
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) ja (26) ja
- (30) 2001-87912 **26 Mar/mar 2001** JP
(26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • POROUS SILICON NITRIDE ARTICLE AND METHOD FOR PRODUCTION THEREOF
• ARTICLE A BASE DE NITRURE DE SILICIUM POREUX ET SON PROCEDE DE PRODUCTION
- (71) VITA ZAHNFABRIK H. RAUTER GMBH & CO. KG [DE/DE]; Postfach 1338, 79704 Bad Säckingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AECHTNER, Stefan [DE/DE]; Margarettenweg 15, 79713 Bad Säckingen (DE). HORNBERGER, Helga [DE/DE]; Schweriner SN 33, 90425 Nürenberg (DE). NAGEL, Emil [DE/DE]; Rüttmattstrasse 13, 79713 Bad Säckingen (DE). THIEL, Norbert [DE/DE]; Schweizerblick 25, 79713 Bad Säckingen (DE).
- (74) MEYERS, Hans-Wilhelm et al. / etc.; von Kreisler Selting Werner, Postfach 10 22 41, 50462 Köln (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C04B 38/00
- (11) WO 02/076909 (13) A1
- (21) PCT/JP02/02826
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) ja (26) ja
- (30) 2001-87911 **26 Mar/mar 2001** JP
(26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • POROUS SILICON NITRIDE ARTICLE AND METHOD FOR PRODUCTION THEREOF
• ARTICLE POREUX AU NITRURE DE SILICIUM ET PROCEDE DE FABRICATION
- (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) INOUE, Katsuhiko [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). MORIMOTO, Kenji [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). MASUDA, Masaaki [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). KAWASAKI, Shinji [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). SAKAI, Hiroaki [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).
- (74) WATANABE, Kazuhira; 3rd Fl., No.8 Kikuboshi Tower Building, 20-18, Asakusabashi 3-chome, Taito-ku, Tokyo 111-0053 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).
- (74) WATANABE, Kazuhira; 3rd Fl., No.8 Kikuboshi Tower Building, 20-18, Asakusabashi 3-chome, Taito-ku, Tokyo 111-0053 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C04B 41/80, B82B 1/00, C30B 31/00
(11) WO 02/076910 (13) A2
(21) PCT/DE02/01146
(22) 27 Mar/mar 2002 (27.03.2002)
(25) de (26) de
(30) 101 15 971.4 27 Mar/mar 2001 DE (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD FOR PRODUCING METAL OXIDES AND METAL CHALCOGENIDES COMPRISING A DEFINED MICROSTRUCTURE
• PROCEDE DE PRODUCTION D'OXYDES METALLIQUES ET DE CHALCOGENURES METALLIQUES A MICROSTRUCTURE DEFINIE
(71) HAHN-MEITNER-INSTITUT BERLIN GMBH [DE/DE]; Glienicke Strasse 100, 14109 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) DLOCZIK, Larissa [DE/DE]; Sel-lostrasse 22, 14471 Berlin (DE). KÖNENKAMP, Rolf [DE/DE]; Leuthener Strasse 6, 10828 Berlin (DE). ENGELHARD, Rolf [DE/DE]; Joachim-Friedrich-Strasse 41, 10711 Berlin (DE). ERNST, Katja [DE/DE]; Pestalozzistrasse 56a, 10627 Berlin (DE). LUX-STEINER, Martha, Christina [CH/DE]; Wolzogenstrasse 8c, 14163 Berlin (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ 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 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 C06B
(11) WO 02/076911 (13) A2
(21) PCT/US02/03497
(22) 5 Feb/fév 2002 (05.02.2002)
(25) en (26) en
- (30) 60/267,962 9 Feb/fév 2001 US (09.02.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • REFORMULATION OF COMPOSITION C-4 EXPLOSIVE
• REFORMULATION DE L'EXPLOSIF COMPOSITION C-4
(71) ALLIANT TECHSYSTEMS INC. [US/US]; 5050 Lincoln Drive, Edina, MN 55436 (US).
(72) LEE, Kenneth, E.; 416 East 3550 North, North Ogden, UT 84414 (US).
(74) SULLIVAN, Stephen, T. et al. / etc.; Sullivan Law Group, 5060 North 40th Street, Suite 120, Phoenix, AZ 85018-2140 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C06B 47/14
(11) WO 02/076912 (13) A2
(21) PCT/EP02/02102
(22) 27 Feb/fév 2002 (27.02.2002)
(25) de (26) de
(30) 101 09 458.2 27 Feb/fév 2001 DE (27.02.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • BIODEGRADABLE EMULSION EXPLOSIVE
• EXPLOSIF A EMULSION BIODEGRADABLE
(71) DYNAENERGETICS GMBH & CO KG [DE/DE]; Kaiserstrasse 1, 53840 Troisdorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BÖHN, Roland [DE/DE]; Weiherhofstrasse 28, 67069 Ludwigshafen (DE). UT-TICH, Stephan [DE/DE]; Heesstrasse 36, 57223 Kreuztal (DE). SCHNEIDER, Helmut [DE/DE]; Mittelfeldstrasse 14, 35708 Haiger (DE).
- (74) UPPENA, Franz; Patente, Marken und Lizenzen, 53839 Troisdorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07B 39/00, C07C 17/08, 21/04
(11) WO 02/076913 (13) A2
(21) PCT/EP02/03238
(22) 20 Mar/mar 2002 (20.03.2002)
(25) fr (26) fr
(30) 01/03908 22 Mar/mar 2001 FR (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD FOR PREPARING A HALOGENATED OLEFIN
• PROCEDE DE PREPARATION D'UNE OLEFINE HALOGENEE
(71) SOLVAY (SOCIETE ANONYME) [BE/BE]; Rue du Prince Albert 33, B-1050 Bruxelles (BE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MATHIEU, Véronique [BE/BE]; Venelle des Prés 16, B-1300 Wavre (BE).
(74) JACQUES, Philippe et al. / etc.; Solvay (Société Anonyme), Département de le Propriété Intellectuelle, Rue de Ransbeek 310, B-1120 Bruxelles (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 designation / pour la désignation suivante : US
(u) for / pour US only / seulement
-
- (51)⁷ C07C 2/00, 2/54, B01J 29/12, 29/44, 29/80
(11) WO 02/076914 (13) A1
(21) PCT/RU02/00095
(22) 19 Mar/mar 2002 (19.03.2002)
(25) ru (26) ru
(30) 2001107556 22 Mar/mar 2001 RU (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD FOR CATALYTIC PROCESSING OF METHANE
• PROCEDE DE TRANSFORMATION CATALYTIQUE DE METHANE
(71) INSTITUT KATALIZA IMENI G.K. BORESKOVA SIBIRSKOGO OT-DELENIYA ROSSIISKOI AKADEMII

NAUK [RU/RU]; pr. Akademika Lavrentieva, 5, Novosibirsk, 630090 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BELIY, Alexandr Sergeevich [RU/RU]; ul. Pereilyota, 2-226, Omsk, 644092 (RU). DUPLYAKIN, Valery Kuzmich [RU/RU]; ul. Ordzonikidze, 13-205, Omsk, 644099 (RU). LIHOLOBOV, Vladimir Alexandrovich [RU/RU]; ul. Detsky proezd, 9-8, Novosibirsk, 630090 (RU). BALZINI-MAEV, Bair Sidipovich [RU/RU]; ul. Demakova, 9-135, Novosibirsk, 630128 (RU). KILDYASHEV, Sergei Petrovich [RU/RU]; ul. Morskoi prospekt, 64-23, Novosibirsk, 630090 (RU). PARMON, Valentin Nikolaevich [RU/RU]; ul. Voevodskogo, 1-1, Novosibirsk, 630090 (RU).

(74) INSTITUT KATALIZA IMENI G.K. BORESKOVA SIBIRSKOGO OT-DELENIYA ROSSIJSKOI AKADEMII NAUK; pr. Akademika Lavrentieva, 5, Novosibirsk, 630090 (RU).

(81) AE AT AU AZ BG BR BY CA CN CO CZ DE DK DZ ES FI GB HU ID IL IN IS JP KG KR KZ MA MX MZ NO NZ PL PT RO SD SE SG TJ TM TR UA UG US UZ YU ZA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ C07C 17/386, 19/08, 17/20, 17/21

(11) WO 02/076915 (13) A2

(21) PCT/US02/11163

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/816,529 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PURIFICATION OF DIFLUOROMETHANE
• PURIFICATION DE DIFLUOROMETHANE

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) CLEMMER, Paul, G.; 128 Royal Parkway west, Williamsville, NY 14221 (US).

(74) CRISS, Roger, H. et al. / etc.; Honeywell International Inc., P.O. Box 2245, Morristown, NJ 07960 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 50/18, 217/24, C07D 295/088, 295/13, 295/26, 295/116, 303/36, C08F 255/02, C08J 7/04, 7/12, C09K 15/08, 15/24, 15/30

(11) WO 02/076916 (13) A1

(21) PCT/AU02/00341

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) PR 3937 23 Mar/mar 2001 AU (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SELF-REDUCING ANTHRAQUINONE COMPOUNDS

• COMPOSES AUTO-REDUCTEURS D'ANTHRAQUINONE

(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION [AU/AU]; Limestone Avenue, Campbell, Australian Capital Territory 2601 (AU). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HORSHAM, Mark, Andrew [AU/AU]; 5 Aloha Street, Mascot, New South Wales 2020 (AU). SCULLY, Andrew, David [AU/AU]; 12/13 Lachlan Avenue, North Ryde, New South Wales 2113 (AU). MURPHY, James, Keith, Gerard [AU/AU]; 43 Gooden Drive, Baulkham Hills, New South Wales 2153 (AU).

(74) BLAKE DAWSON WALDRON PATENT SERVICES; 39th Floor, 101 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 51/46

(11) WO 02/076917 (13) A1

(21) PCT/EP02/03522

(22) 28 Mar/mar 2002 (28.03.2002)

(25) de (26) de

(30) 101 15 277.9 28 Mar/mar 2001 DE (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR THE CONTINUOUS EXTRACTION OF (METH)ACRYLIC ACID

• PROCEDE D'EXTRACTION CONTINUE D'ACIDE (METH)ACRYLIQUE

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; Carl-Bosch-Strasse 38, 67056 Ludwigshafen (DE).

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

(72, 75) MACHHAMMER, Otto [DE/DE]; Schwarzwaldstrasse 25, 68163 Mannheim (DE). ADAMI, Christoph [DE/DE]; Bischofsgasse 6, 69469 Weinheim (DE). BECHLER, Claus [DE/DE]; Taubenstrasse 21, 67063 Ludwigshafen (DE). SCHRÖDER, Jürgen [DE/DE]; Niedererdstrasse 20, 67071 Ludwigshafen (DE). SCHLIEPHAKE, Volker [DE/DE]; Kaiser-Konrad-Strasse 29, 67105 Schifferstadt (DE). THIEL, Joachim [DE/DE]; Kurpfalzstrasse 140, 67435 Neustadt (DE).

DIEHL, Volker [DE/DE]; Portugieserring 43, 67158 Ellerstadt (DE).

(74) ISENBRUCK, Günter; Bardehle Pagenberg Dost Altenburg Geissler Isenbru, ck Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07C 65/24, 65/40, 69/157, 69/94, 235/64, 255/24, 255/63, 317/40, C07D 295/18, 215/08, 233/02, 213/30, 213/75, 211/16, 231/12, 239/47

(11) WO 02/076918 (13) A1

(21) PCT/JP02/03017

(22) 27 Mar/mar 2002 (27.03.2002)

(25) ja (26) ja

(30) 2001-91003 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NF-κB INHIBITOR CONTAINING SUBSTITUTED BENZOIC ACID DERIVATIVE AS ACTIVE INGREDIENT

• INHIBITEUR NF-KB CONTENANT COMME PRINCIPE ACTIF UN DERIVE D'ACIDE BENZOIQUE SUBSTITUE

(71) SUNTORY LIMITED [JP/JP]; 1-40, Dojima-hama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8203 (JP). SUNTORY BIOMEDICAL RESEARCH LIMITED [JP/JP]; 1-1, Wakayamadai 1-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8503 (JP).

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

(72, 75) SUZUKI, Kenji [JP/JP]; 5-2-305, Imazu-naka 2-chome, Tsurumi-ku, Osaka-shi, Osaka 538-0042 (JP). NUNOKAWA, Youichi [JP/JP]; 6-1-403, Toneyama 3-chome, Toyonaka-shi, Osaka 560-0045 (JP). OGOU, Naohisa [JP/JP]; 4-5-308, Nishichujou-cho, Ibaraki-shi, Osaka 567-0887 (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) BR CA CN HU 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 C07C 67/26, 69/54, 69/16, 69/28, C07B 41/12, 61/00, B01J 38/74

(11) WO 02/076919 (13) A1

(21) PCT/JP02/02613

(22) 19 Mar/mar 2002 (19.03.2002)

(25) ja (26) ja

(30) 2001-87846 26 Mar/mar 2001 JP (26.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD OF REACTION WITH SOLUBLE METALLIC CATALYST AND ANION-EXCHANGE RESIN, METHOD OF RECOVERING THE SOLUBLE METALLIC CATALYST, AND METHOD OF RECYCLING
- PROCEDE DE REACTION AVEC CATALYSEUR METALLIQUE SOLUBLE ET RESINE ECHANGEUSE D'IONS, PROCEDE DE RECUPERATION DU CATALYSEUR METALLIQUE SOLUBLE ET PROCEDE DE RECYCLAGE
- (71) NIPPON SHOKUBAI CO., LTD. [JP/JP]; 1-1, Koraihashi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0043 (JP).
- (72) KUBO, Takafumi; c/o Nippon Shokubai Co., Ltd., 5-8, Nishiotabicho, Suita-shi, Osaka 564-0034 (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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07C 67/347, 69/533, B01J 31/22
- (11) WO 02/076920 (13) A1
- (21) PCT/US02/05894
- (22) 27 Feb/fév 2002 (27.02.2002)
- (25) en (26) en
- (30) 60/278,914 26 Mar/mar 2001 US (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METATHESIS OF UNSATURATED FATTY ACID ESTERS OR UNSATURATED FATTY ACIDS WITH LOWER OLEFINS
- METATHESE D'ESTERS D'ACIDES GRAS INSATURES OU D'ACIDES GRAS INSATURES AVEC DES OLEFINES INFERIEURES
- (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) NEWMAN, Thomas, H. [US/US]; 2720 Georgetown, Midland, MI 48642 (US). RAND, Cynthia, L. [US/US]; 230 W. Barden Road, Sanford, MI 48657 (US). BURDETT, Kenneth, A. [US/US]; 2110 Springwood Drive, Midland, MI 48640 (US). MAUGHON, Robert, R. [US/US]; 601 W. Main Street, Midland, MI 48640 (US). MORRISON, Donald, L. [US/US]; 2830 Virginia Avenue, Hurricane, WV 25526 (US). WASSERMAN, Eric, P. [US/US]; 110 Featherbed Lane, Hopewell, NJ 08525 (US).
- (74) SCOTT, Mark, 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 MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07C 69/88, 69/95, 235/46, 235/82, G01N 33/86
- (11) WO 02/076921 (13) A1
- (21) PCT/FR02/01020
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) fr (26) fr
- (30) 01/03979 23 Mar/mar 2001 FR (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • GALLIC ACID DERIVATIVES AND USE FOR EXPLORING ENDOGENETIC COAGULATION
- DERIVES DE L'ACIDE GALLIQUE ET UTILISATION POUR L'EXPLORATION DE LA COAGULATION ENDOGENE
- (71) SOCIETE DIAGNOSTICA-STAGO [FR/FR]; 9, rue des Frères Chausson, F-92600 Asnières (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROISIN, Jean-Paul [FR/FR]; 3, rue Albert, F-94100 Saint-Maur Des Fosses (FR). STEURS, Stéphane [FR/FR]; 149, rue du Général Leclerc, F-95130 Franconville (FR). QUENTIN, Gérard [FR/FR]; 8 Le Grand Epinay, F-28160 Yevres (FR).
- (74) ERNEST GUTMANN-YVES PLESSER-AUD S.A. et al. / etc.; 3, rue Chauveau-Lagarde, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07C 209/10, 209/62, 211/54, 211/58
- (11) WO 02/076922 (13) A1
- (21) PCT/JP02/02132
- (22) 7 Mar/mar 2002 (07.03.2002)
- (25) ja (26) ja
- (30) 2001-76302 16 Mar/mar 2001 JP (16.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR PRODUCING AROMATIC AMINO COMPOUND
- PROCEDE DE PRODUCTION D'UN COMPOSE AROMATIQUE AMINO
- (71) IDEMITSU KOSAN CO., LTD. [JP/JP]; 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8321 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IWAKUMA, Toshihiro [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). MORIWAKI, Fumio [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP).
- (74) OHTANI, Tamotsu et al. / etc.; TOMOE-CHO ANNEX-II 4F, 8-27, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN IN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ C07C 211/51, A61K 7/13
- (11) WO 02/076923 (13) A1
- (21) PCT/EP01/12124
- (22) 19 Oct/oct 2001 (19.10.2001)
- (25) de (26) de
- (30) 101 14 084.3 22 Mar/mar 2001 DE (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • 1,3-DIAMINO-4-(AMINOMETHYL)-BENZENE DERIVATIVES AND COLORANTS CONTAINING SAID COMPOUNDS
- DERIVES DE 1,3-DIAMINO-4-(AMINOMETHYL)-BENZENE ET COLORANTS RENFERMANT CES COMPOSES
- (71) WELLA AKTIENGESELLSCHAFT [DE/DE]; RP, Berliner Allee 65, 64274 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHASSOT, Laurent [CH/CH]; La Chapellenie, CH-1724 Praroman (CH). BRAUN, Hans-Jürgen [DE/CH]; Kapellacker 19, CH-3182 Überstorf (CH).
- (74) WELLA AKTIENGESELLSCHAFT; RP, Berliner Allee 65, 64274 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C07C 217/08, C07F 9/08, 9/54, H01G 9/038, C07D 295/08, H01M 10/40
- (11) WO 02/076924 (13) A1
- (21) PCT/JP02/02845
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) ja (26) ja
- (30) 2001-87221 26 Mar/mar 2001 JP (26.03.2001)
- (30) 2001-272834 10 Sep/sep 2001 JP (10.09.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • IONIC LIQUID, ELECTROLYTE SALT FOR STORAGE DEVICE, ELECTROLYTIC SOLUTION FOR STORAGE DEVICE, ELECTRIC DOUBLE LAYER CAPACITOR, AND SECONDARY BATTERY
- LIQUIDE IONIQUE, SEL ELECTROLYTIQUE ET SOLUTION ELECTROLYTIQUE POUR DISPOSITIF DE STOCKAGE, CONDENSATEUR ELECTRIQUE A DOUBLE COUCHE ET PILE SECONDAIRE
- (71) NISSHINBO INDUSTRIES, INC., [JP/JP]; 31-11, Nihonbashi Ningyocho 2-Chome, Chuo-Ku, Tokyo 103-8650 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SATO, Takaya [JP/JP]; c/o NISSHINBO INDUSTRIES, INC., R & D Center, 2-3, Onodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056 (JP). MASUDA, Gen [JP/JP]; c/o NISSHINBO INDUSTRIES, INC., R & D Center, 2-3, Onodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056 (JP). NODU, Ryutaro [JP/JP]; c/o NISSHINBO INDUSTRIES, INC., R & D Center, 2-3, Onodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056 (JP). MARUO, Tatsuya [JP/JP]; c/o NISSHINBO INDUSTRIES, INC., R & D Center, 2-3, Onodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056 (JP).
- (74) KOJIMA, Takashi; GINZA OHTSUKA Bldg., 2F, 16-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07C 217/58, A61K 31/395, 31/131, A61P 3/00, 25/00, C07D 295/08, 295/12, C07C 217/20, 311/05, 311/13, 311/18, 237/08, C07D 295/14, C07C 217/74, 271/34, 323/62, 271/24, 233/73, 237/32, 311/17, 409/12, C07D 207/16, 413/06, 471/04, 417/06, 409/06, 401/06, 307/46, 307/12, 241/44

- (11) WO 02/076925 (13) A2
- (21) PCT/US02/06644
- (22) 21 Mar/mar 2002 (21.03.2002)

- (25) en (26) en
- (30) 60/278,230 23 Mar/mar 2001 US (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • NON-IMIDAZOLE ARYL ALKYLAMINES COMPOUNDS AS HISTAMINE H3 RECEPTOR ANTAGONISTS, PREPARATION AND THERAPEUTIC USES
- COMPOSES D'ARYL ALKYLAMINES NON IMIDAZOLE COMME ANTAGONISTES DES RECEPTEURS H3 DE L'HISTAMINE, PREPARATION ET APPLICATIONS THERAPEUTIQUES
- (71) ELI LILLY AND COMPANY [US/US]; Patent Division, P. O. Box 6288, Indianapolis, IN 46206-6288 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BEAVERS, Lisa, Selsam [US/US]; 191 West State Road 252, Franklin, IN 46131 (US). GADSKI, Robert, Alan [US/US]; 4431 North Illinois, Indianapolis, IN 46208 (US). HIPSKIND, Philip, Arthur [US/US]; 4255 South Cabin Court, New Palestine, IN 46143 (US). LINDSLEY, Craig, William [US/US]; 126 Berger Road, Schwenksville, PA 19473 (US). LOBB, Karen, Lynn [US/US]; 5625 East Lowell Avenue, Indianapolis, IN 46219 (US). NIXON, James, Arthur [US/US]; 7375 Taos Trail, Indianapolis, IN 46219 (US). PICKARD, Richard, Todd [US/US]; 20980 Prairie Baptist Road, Noblesville, IN 46060 (US). SCHAUS, John, Mehnert [US/US]; 135 Raintree Drive, Zionsville, IN 46077 (US). TAKAKUWA, Takako [JP/US]; 5019 Sunscape Circle, Apartment 1817, Indianapolis, IN 46237 (US). WATSON, Brian, Morgan [US/US]; 3816 Brian Place, Carmel, IN 46033 (US).
- (74) WOOD, Dan, L. et al. / etc.; Eli Lilly And Company, P. O. Box 6288, Indianapolis, IN 46206-6288 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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).*

TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 225/20, 229/42, 229/64, 237/36, 237/44, 255/58, 255/59, 271/20, 311/08, 311/21, C07D 205/04, 207/08, 207/16, 211/60, 213/89, 231/38, 235/06, 239/42, 249/18, 277/28, 285/08, 295/13, 295/135, 295/192, 295/205, 317/66, 333/38, 405/12, 521/00, A61K 31/136, 31/166
- (11) WO 02/076926 (13) A1
- (21) PCT/US02/02888
- (22) 1 Feb/fév 2002 (01.02.2002)
- (25) en (26) en
- (30) 60/265,951 2 Feb/fév 2001 US (02.02.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • 3,4-DI-SUBSTITUTED CYCLOBUTENE-1, 2-DIONES AS CXC CHEMOKINE RECEPTOR ANTAGONISTS
- COMPOSES DE CYCLOBUTENE-1,2-DIONES 3,4-DI-SUBSTITUES EN TANT QU'ANTAGONISTES DU RECEPTEUR DE CHIMOKINES CXC
- (71) SCHERING CORPORATION [US/US]; Patent Department - K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US). PHARMACOPEIA, INC. [US/US]; 3000 Eastpark Boulevard, Cranbury, NJ 08512 (US).
- (72) TAVERAS, Arthur, G.; 3 Headley Court, Denville, NJ 07834 (US). AKI, Cynthia, J.; 36 North Ashby Avenue, Livingston, NJ 07039 (US). BOND, Richard, W.; 623 Thoreau Terrace, Union, NJ 07083 (US). CHAO, Jianping; 23 Brainerd Road, Summit, NJ 07901 (US). DWYER, Michael; 235 Katherine Street, Scotch Plains, NJ 07076 (US). FERREIRA, Johan, A.; 197 Thunder Circle, Bensalem, PA 19020 (US). PACHTER, Jonathan; 13 Arcularius Terrace, Maplewood, NJ 07040 (US). BALDWIN, John, J.; 621 Gypsy Hill Circle, Gwynedd Valley, PA 19437 (US). KAISER, Bernd; 4523 Quail Ridge Drive, Plainsboro, NJ 08536 (US). LI, Ge; Building 7, Room 201, LuJiaZui Garden, LuJiaZui, Shanghai (CN). MERRITT, J., Robert; 14 Gloucester Lane, Ewing, NJ 08618 (US). NELSON, Kingsley, H., Jr.; 410 Redwood Court, Mebane, NC 27302 (US). ROKOSZ, Laura, L.; 713 Balsam Way, Union, NJ 07083 (US).
- (74) KORSEN, Elliott; Schering-Plough Corporation, Patent Department - K-6-1, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM

DZ EC EE ES FI GB GD GE HR HU ID IL IN IS JP KG KR KZ LC LK LR LT LU LV MA MD MG MK MN MX MZ NO NZ PH PL PT RO RU SE SG SI SK SL TJ TM TN TR TT TZ UA UZ 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 CH CY DE DK ES FI FR GB GR IE 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 C07C 231/02, C07K 1/08

(11) WO 02/076927 (13) A2

(21) PCT/EP02/03153

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 15 213.2 28 Mar/mar 2001 DE (28.03.2001)

(30) 101 26 431.3 31 May/mai 2001 DE (31.05.2001)

(30) 101 57 882.2 26 Nov/nov 2001 DE (26.11.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR THE PRODUCTION OF CARBOXYLIC ACID AMIDES

• PROCEDE POUR LA PRODUCTION D'AMIDES D'ACIDE CARBOXYLIQUE

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

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

(72, 75) RUDOLPH, Joachim [DE/US]; 308 North River Street, Guilford, CT 06437 (US). JUNG, Günther [DE/DE]; Ob der Grafenhalde 5, 72076 Tübingen (DE). THERN, Bernd [DE/DE]; Ludwigstr. 4, 72072 Tübingen (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 VN YU ZA ZM ZW.

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

Declaration / Déclaration :

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

(51)⁷ C07C 233/03

(11) WO 02/076928 (13) A2

(21) PCT/EP02/03763

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 01107581.9 27 Mar/mar 2001 EP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ALKYLAMINE DERIVATIVES AS ANTI-FOULING AGENTS

• DÉRIVÉS ALKYLAMINE UTILISÉS EN TANT QU'AGENTS ANTISALISURE

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE). UNIVERSITE LIBRE DE BRUXELLES [BE/BE]; CP 160/06 Avenue Roosevelt, B-1050 Bruxelles (BE). NEDERLANDSE ORGANISATIE VOOR TOEGEPAST [NL/NL]; Natuurwetenschappelijk Onderzoek, PO Box 6235, NL-5600 HE Eindhoven (NL). SIGMA COATINGS B.V. [NL/NL]; Amsterdamsedweg 14, NL-1422 AD Uithoorn (NL). ATOFINA [FR/FR]; 4/8, cours Michelet, La Défense 10, F-92091 Paris la Defense Cedex (FR).

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

(72, 75) BERNARD, Daniel [FR/FR]; 11, rue Pierre Brossolette, F-92400 Courbevoie (FR). BRAEKMAN, Jean-Claude [BE/BE]; 7, avenue Sainte-Thérèse, B-1640 Rhode-Sainte-Genève (BE). FERRARI, Gabriele [NL/NL]; Ambachtsweg 8A, NL-1780 AB Den Helder (NL). KUGLER, Martin [DE/DE]; Am Kloster 47, 42799 Leichlingen (DE). KUNISCH, Franz [DE/DE]; Am Erlenfeld 3, 51519 Odenthal (DE). PLEHIERS, Mark [BE/BE]; 21 rue Le Corrége, B-1000 Bruxelles (BE). VOS, Marcel [NL/NL]; Dr. Kuyperlaan, 54, NL-1272 HS Huizen (NL).

(74) LEYDER, Francis; Atofina Research, S.A., Patent Department, Zone Industrielle C, B-7181 Seneffe (Feluy) (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).

(51)⁷ C07C 275/40, A61P 3/04, 3/10, A61K 31/17, 31/18

(11) WO 02/076929 (13) A1

(21) PCT/US02/08300

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 60/277,534 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ARYL AND BIARYL COMPOUNDS HAVING MCH MODULATORY ACTIVITY

• COMPOSES D'ARYLE ET DE BIARYLE AYANT UNE ACTIVITE MODULATRICE DE MCH

(71) PHARMACOPEIA, INC. [US/US]; 3000 Eastpark Boulevard, Cranbury, NJ 08512 (US).

(72) HOBBS, Douglas, W.; 1330 University Drive, Yardley, PA 19067 (US). GUO, Tao; 1606 Dahlia Circle, Dayton, NJ 08810 (US). HUNTER, Rachael, C.; 27 Chestnut Street, Princeton, NJ 08542 (US). GU, Huizhong; 22 Cotoneaster Court, Monmouth Junction, NJ 08852 (US).

(74) KALYANARAMAN, Palaiyur, S.; Schering Corporation, Patent Department - K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).

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

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ C07C 275/42, 275/30, 317/42, A61K 31/17, A61P 35/00, 37/00, 19/00

(11) WO 02/076930 (13) A2

(21) PCT/US02/06217

(22) 1 Mar/mar 2002 (01.03.2002)

(25) en (26) en

(30) 60/273,988 7 Mar/mar 2001 US (07.03.2001)

(30) 10/082,802 22 Feb/fév 2002 US (22.02.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SUBSTITUTED DIARYLUREAS AS STIMULATORS FOR FAS-MEDIATED APOPTOSIS

• STIMULATEURS DE L'APOPTOSE À MÉDIATION DES FAS À BASE DE DIARYLURÉES SUBSTITUÉES

(71) TELIK, INC. [US/US]; 750 Gateway Boulevard, South San Francisco, CA 94080 (US).

(72) ROBINSON, Louise; 1349 Rosewood Avenue, San Carlos, CA 94070 (US). VILLAR, Hugo, O.; 5549 Soledad Mountain Road, La Jolla, CA 92037 (US).

(74) CHOW, Y., Ping et al. / etc.; Heller Ehrman White & McAuliffe, LLP, 275 Middlefield Road, Menlo Park CA 94025-3506 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 279/14, A23L 1/305, A61K 31/155, A61P 3/00, C07C 309/14

(11) WO 02/076931 (13) A1

(21) PCT/IT02/00170

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) RM2001A000155 23 Mar/mar 2001 IT (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CREATINE SALT HAVING ENHANCED NUTRITIONAL AND THERAPEUTIC EFFICACY AND COMPOSITIONS CONTAINING SAME

• SEL DE CREATINE PRESENTANT UNE EFFICACITE NUTRITIONNELLE ET THERAPEUTIQUE ACCRUE ET COMPOSITIONS CONTENANT CE SEL

(71) BIOSALTS S.R.L. [IT/IT]; Via Claudio Monteverdi, 16, I-00198 Roma (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BUONONATO, Antonietta [IT/IT]; Via della Balduina, 128, I-00136 Roma (IT).

(74) CAVATTONI, Fabio et al. / etc.; Viale dei Parioli, 160, I-00197 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 C07C 303/40, 311/20, B01J 31/22

(11) WO 02/076932 (13) A1

(21) PCT/JP01/09090

(22) 17 Oct/oct 2001 (17.10.2001)

(25) ja (26) ja

(30) 2001-086653 26 Mar/mar 2001 JP (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROCESS FOR PREPARING AMINO COMPOUNDS BY USING SALEN-MANGANESE COMPLEXES AS THE CATALYST

• PROCEDE DE PREPARATION DE COMPOSES AMINO A L'AIDE DE COMPLEXES SALEN-MANGANESE UTILISES EN TANT QUE CATALYSEUR

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

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

(72, 75) KATSUKI, Tsutomu [JP/JP]; 4-14-4, Kashii-eki higashi, Higashi-ku, Fukuoka-shi, Fukuoka 813-0012 (JP). KOHMURA, Yoshinori [JP/JP]; Hikarigarden A-102, 11-1, Akashibu-cho aza dohon, Okazaki-shi, Aichi 444-0241 (JP).

(74) TSUTSUI, Satoru; LionsM-Hakata 906, 3-30-15, Hakataekimae, Hakata-ku, Fukuoka-shi, Fukuoka 812-0011 (JP).

(81) US.

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

(51)⁷ C07C 311/29, A61K 31/18, A61P 11/06, 29/00

(11) WO 02/076933 (13) A1

(21) PCT/EP02/03122

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 0107213.1 22 Mar/mar 2001 GB (22.03.2001)

(30) 0126995.0 9 Nov/nov 2001 GB (09.11.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FORMAILIDE DERIVATIVES AS BETA2-ADRENORECEPTOR AGONISTS

• DERIVES FORMANILIDES UTILISES EN TANT QU'AGONISTES DE L'ADRENORECEPTEUR BETA2

(71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).

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(72, 75) BIGGADIKE, Keith [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage SG1 2NY (GB). FIELD, Rita [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage SG1 2NY (GB). GUNTRIP, Stephen, Barry [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage SG1 2NY (GB). LOOKER BRIAN, Edgar [GB/GB]; GlaxoSmithKline, Gunnels Wood Road, Stevenage SG1 2NY (GB).

(74) FLORENCE, Julia, Anne; Corporate Intellectual Property, GlaxoSmithKline, 980 Great West Road (CN925.1), Brentford, Middlesex TW8 9GS (GB).

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

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

FI FR GB GR IE 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 C07C 317/00

(11) WO 02/076934 (13) A2

(21) PCT/GB02/01433

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/275,061 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PURIFICATION OF 2-NITRO-4-METHYLSULPHONYLBENZOIC ACID

• PURIFICATION D'ACIDE 2-NITRO-4-METHYLSULFONYLBENZOIQUE

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

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(72, 75) JAVDANI, Kambiz [US/US]; Syngenta, Cold Creek Plant, Bucks, AL 36512 (US). RODRIGUEZ, Gilbert [US/US]; Syngenta, Cold Creek Plant, Bucks, AL 36512 (US). MUXWORTHY, James, Peter [GB/GB]; Syngenta Limited, Huddersfield Manufacturing Centre, PO Box A38, Leeds Road, Huddersfield, West Yorkshire HD2 1FF (GB).

(74) WARD, Steven, Paul et al. / etc.; Intellectual Property Department, Syngenta Limited, PO Box 3638, Bracknell, Berkshire 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 CH CY DE DK ES FI FR GB GR IE IT 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 323/60, A61K 7/00, 7/42, 31/185, 31/195, 31/197, 31/198, A61P 17/16, 43/00

(11) WO 02/076935 (13) A1

(21) PCT/JP02/02577

(22) 18 Mar/mar 2002 (18.03.2002)

(25) ja (26) ja

(30) 2001-78571 19 Mar/mar 2001 JP (19.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NOVEL A-LIPOIC ACID DERIVATIVE AND USE THEREOF

• NOUVEAU DERIVE DE L'ACIDE LIPOIQUE ET SON UTILISATION

(71) SENJU PHARMACEUTICAL CO., LTD. [JP/JP]; 5-8, Hiranomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).

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(72, 75) **OGATA, Kazumi** [JP/JP]; B-701, 8, Kamishinden 4-chome, Toyonaka-shi, Osaka 565-0085 (JP). **SAKAUE, Takahiro** [JP/JP]; 5-1, Takadaai, Itami-shi, Hyogo 664-0892 (JP). **ITO, Kazuhiko** [JP/JP]; 3-22-405, Nishiakashitamachi 1-chome, Akashi-shi, Hyogo 673-0018 (JP).

(74) **MATSUDA, Reiko**; Senju Pharmaceutical Co., LTD., Intellectual Property, 5-8, Hiranomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS 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 CH CY DE DK ES FI FR GB GR IE IT 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 407/00

(11) **WO 02/076936** (13) A1

(21) PCT/EP02/01812

(22) **20 Feb/fév 2002 (20.02.2002)**

(25) en (26) en

(30) 01201118.5 **23 Mar/mar 2001 EP (23.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • STORAGE STABLE AQUEOUS ORGANIC PEROXIDE EMULSIONS
• EMULSIONS DE PEROXYDE ORGANIQUE AQUEUSES ET STABLES AU STOCKAGE

(71) **AKZO NOBEL N.V.** [NL/NL]; Velperweg 76, NL-6824 AB Arnhem (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **O, Boen, Ho** [NL/NL]; Koekoekstraat 14, NL-3514 CW Utrecht (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/076937** (13) A2

(21) PCT/US02/11265

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

(25) en (26) en

(30) 60/278,521 **23 Mar/mar 2001 US (23.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AMINOBENZOPYRAN DERIVATIVES AND COMPOSITIONS
• DERIVES D'AMINOBENZOPYRANE ET COMPOSITIONS

(71) **SONUS PHARMACEUTICALS, INC.** [US/US]; 22026 20th Avenue, S.E., Bothell, WA 98021 (US).

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(72, 75) **LAMBERT, Karel, J.** [US/US]; P.O. Box 971, Woodinville, WA 98071 (US). **LAL, Manjari** [IN/US]; 5001 - 148th Avenue N.E., Apt. D101, Bellevue, WA 98007 (US).

(74) **RENZONI, George, E.**; Christensen, O'Connor, Johnson, Kindness PLLC, 1420 Fifth Avenue, Suite 2800, Seattle, WA 98101 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/076938** (13) A2

(21) PCT/US02/11266

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

(25) en (26) en

(30) 60/278,460 **23 Mar/mar 2001 US (23.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CARBOXYBENZOPYRAN DERIVATIVES AND COMPOSITIONS
• DERIVES BENZOPYRANES ET PREPARATIONS COMPRENANT LESDITS DERIVES

(71) **SONUS PHARMACEUTICALS, INC.** [US/US]; 22026 - 20th Avenue SE, Bothell, WA 98021 (US).

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(72, 75) **LAMBERT, Karel, J.** [US/US]; P.O. Box 971, Woodinville, WA 98071 (US). **LAL, Manjari** [IN/US]; Apt. D101, 5001 - 148th Avenue N.E., Bellevue, WA 98007 (US). **KAUFMAN, Robert, J.** [US/US]; 8129 Stanford Avenue, St. Louis, MO 63130 (US).

(74) **RENZONI, George, E.**; Christensen O'Connor Johnson Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/076939** (13) A2

(21) PCT/US02/03785

(22) **5 Feb/fév 2002 (05.02.2002)**

(25) en (26) en

(30) 60/266,412 **5 Feb/fév 2001 US (05.02.2001)**

(30) 60/271,216 **23 Feb/fév 2001 US (23.02.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CYSTEINE PROTEASE INHIBITORS
• INHIBITEURS DE LA CYSTEINE PROTEASE

(71) **EXEGENICS INC.** [US/US]; 2110 Research Row, Suite 621, Dallas, TX 75235 (US).

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(72, 75) **ARAD, Dorit** [IL/US]; 16901 Park Hill Drive, Dallas, TX 75248 (US). **BOLLON, Arthur, P.** [US/US]; 13227 Cedar Lane, Dallas, TX 75234 (US). **YOUNG, David, G.** [US/US]; 5401 Buckner Court, Flower Mound, TX 75028 (US). **PEEK, Andrew, S.** [US/US]; 3480 Timberview Drive, Dallas, TX 75229 (US). **POLAND, Bradley, W.** [US/US]; 2626 Seedling Lane, Dallas, TX 75287 (US). **SHAW, Bailin** [US/US]; 4532 Lee Street, Carrollton, TX 75010 (US). **VAL-LURUPALLI, Jyothi** [IN/US]; 1503 Warm Springs, Allen, TX 75002 (US).

(74) **HANSEN, Eugenia, S. et al.** / etc.; Sidley Austin Brown & Wood LLP, 717 N. Harwood, Suite 3400, Dallas, TX 75201 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/076940** (13) A2

(21) PCT/US02/08666

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

(25) en (26) en

(30) 09/814,650 **22 Mar/mar 2001 US (22.03.2001)**

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PROCESS FOR PREPARING ARYLPIPERIDINE CARBINOL INTERMEDIATES AND DERIVATIVES
• PROCEDE RELATIF A L'ELABORATION D'INTERMEDIAIRES ET DE DERIVES D'ARYLPIPERIDINE CARBINOLS
- (71) PENTECH PHARMACEUTICALS, INC. [US/US]; 3315 Algonquin Road, Suite 310, Rolling Meadows, IL 60008 (US).
- (72) RONSEN, Bruce; 1414 Keystone Avenue, River Forest, IL 60305 (US). UPADHYAYA, Subhash, P.; 1004 S. Oakley Blvd., Apartment 2R, Chicago, IL 60612 (US).
- (74) CEPURITIS, Talivaldis et al. / etc.; OLSON & HIERL, LTD., 20 North Wacker Drive, 36th Floor, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY 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).
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- (51)⁷ C07D
- (11) WO 02/076941 (13) A2
- (21) PCT/US02/08836
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) en (26) en
- (30) 09/812,940 27 Mar/mar 2001 US (27.03.2001)
- (30) 09/812,944 27 Mar/mar 2001 US (27.03.2001)
- (30) 09/812,945 27 Mar/mar 2001 US (27.03.2001)
- (30) 10/025,947 26 Dec/déc 2001 US (26.12.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • HISTONE DEACETYLASE INHIBITORS
• INHIBITEURS DE L'HISTONE DEACETYLASE
- (63) US 09/812,940 (CON)
US 27 Mar/mar 2001 (27.03.2001)
US 09/812,944 (CON)
US 27 Mar/mar 2001 (27.03.2001)
US 09/812,945 (CON)
US 27 Mar/mar 2001 (27.03.2001)
US 10/025,947 (CON)
US 26 Dec/déc 2001 (26.12.2001)
- (71) CIRCAGEN PHARMACEUTICAL [US/US]; P.O. Box 99, Phoenix, MD 21131 (US).
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- (72, 75) LAN-HARGEST, Hsuan-Yin [US/US]; 2901 Sedgefield Court, Fallston, MD 21047 (US). KAUFMAN, Robert, J [US/US]; 8129 Stanford Avenue, St. Louis, MO 63130 (US). WIECH, Nohert, L [US/US]; 10 Overshot Court, Phoenix, MD 21131 (US).

- (74) FOX, Harold, H.; Fish & Richardson P.C., 1425 K Street, N.W., 11th floor, Washington, DC 20005-3500 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 201/04
- (11) WO 02/076942 (13) A1
- (21) PCT/JP02/02029
- (22) 5 Mar/mar 2002 (05.03.2002)
- (25) ja (26) ja
- (30) 2001-88085 26 Mar/mar 2001 JP (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PROCESS FOR PRODUCING LACTAM
• PROCEDE DE PRODUCTION DE LACTAME
- (71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HATAKEDA, Kiyotaka [JP/JP]; 2-405, 15, Tsunogoro 2-chome, Aoba-ku, Sendai-shi, Miyagi 980-0874 (JP). SATO, Osamu [JP/JP]; 20-712, 5, Saiwai-cho 2-chome, Miyagino-ku, Sendai-shi, Miyagi 983-0836 (JP). IKUSHIMA, Yutaka [JP/JP]; 3-26, Mizunomori 1-chome, Aoba-ku, Sendai-shi, Miyagi 981-0962 (JP). TORII, Kazuo [JP/JP]; 19-13, Nishinakada 1-chome, Taihaku-ku, Sendai-shi, Miyagi 981-1105 (JP).
- (74) SUDO, Masahiko; Muromachi Saito Bldg. 4F, 13-4, Nihonbashi-Muromachi 1-chome, Chuo-ku, Tokyo 103-0022 (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 C07D 201/08, 201/12, 201/16, C08L 77/00, C08G 69/16
- (11) WO 02/076943 (13) A1
- (21) PCT/NL02/00190
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 01201132.6 27 Mar/mar 2001 EP (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PROCESS FOR THE PREPARATION OF SG(E)-CAPROLACTAM
• PROCEDE PERMETTANT DE PREPARER DU SG(E)-CAPROLACTAME
- (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) BUIJS, Wim [NL/NL]; Wolfhagen 145, NL-6365 BM Schinnen (NL). WOLTERS, Hendricus, Franciscus, Wilhelmus [NL/NL]; Olmstraat 4, NL-6101 BT Echt (NL).
- (74) DAUTZENBERG, Jozef, Marie, Andreas; 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 207/27
- (11) WO 02/076944 (13) A1
- (21) PCT/JP02/02901
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) ja (26) ja
- (30) 2001-89872 27 Mar/mar 2001 JP (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD OF PURIFYING N-(2-HYDROXYETHYL)-2-PYRROLIDONE
• PROCEDE DE PURIFICATION DE N-(2-HYDROXYETHYL)-2-PYRROLIDONE
- (71) NIPPON SHOKUBAI CO., LTD. [JP/JP]; 1-1, Koraihashi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0043 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UGAMURA, Shukichi [JP/JP]; 4-52, Nakanoshima-cho, Suita-shi, Osaka 564-0035 (JP). SUGIURA, Hideto [JP/JP]; 9-18, Ise-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0805 (JP). YANO, Hitoshi [JP/JP]; 8-1, Onoharanishi 1-chome, Minoo-shi, Osaka 562-0032 (JP).
- (74) ODAJIMA, Heikichi et al. / etc.; Oda-jima Patent Office, Nippon Jitensha Bldg., 9-15, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 207/48, 207/14, A61K 31/40
- (11) WO 02/076945 (13) A1
- (21) PCT/US02/06475

- (22) 5 Mar/mar 2002 (05.03.2002)
- (25) en (26) en
- (30) 60/274,845 9 Mar/mar 2001 US (09.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • AMINOPYRROLIDINE SULFONAMIDES AS SERINE PROTEASE INHIBITORS
- AMINOPYRROLIDINE-SULFONAMIDES UTILISES COMME INHIBITEURS DE SERINE PROTEASE
- (71) ORTHO-MCNEIL PHARMACEUTICAL, INC. [US/US]; U.S. Route 202, Raritan, NJ 08869 (US).
- (72) GRECO, Michael N.,; 1634 Clearbrook Road, Lansdale, PA 19446 (US). MARYANOFF, Bruce E.,; 4029 Devonshire Drive, Forest Grove, PA 18922 (US). HAWKINS, Michael J.,; 318 Heckler Street, Ambler, PA 19002 (US). BOYD, Robert E.,; 3 Danbridge Drive, Horsham, PA 19044 (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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07D 211/00
- (11) WO 02/076946 (13) A2
- (21) PCT/EP02/03332
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) en (26) en
- (30) 0107505.0 26 Mar/mar 2001 GB (26.03.2001)
- (30) 60/338,281 6 Dec/déc 2001 US (06.12.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PYRIDINE DERIVATIVES
- DERIVEE DE LA PYRIDINE
- (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-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H. [AT/AT]; Brunnerstrasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)
- (72, 75) CULSHAW, Andrew, James [GB/GB]; Novartis Institute for Medical Sciences, 5 Gower Place, London WC1E 6BN (GB). GULL, Peter [CH/CH]; Moosackerweg 3, CH-4148 Pfeffingen (CH). HALLETT, Allan [GB/GB]; Novartis Institute for Medical Sciences, 5 Gower Place, London WC1E 6BN (GB). KIM, Hong-Yong [KR/US]; 2104 Harvest Court, Whippany, NJ 07981 (US). SEILER, Max, Peter [CH/CH]; Bockrainweg 16, CH-4125 Riehen (CH). ZIMMERMANN, Kaspar [CH/CH]; Am Chatzebach 4, CH-4104 Oberwil BL (CH). LIU, Yugang [CN/US]; 28B Red Oak Lane, Old Bridge, NJ 08857 (US). PRASHAD, Mahavir [US/US]; 27 Davenport Road, Montville, NJ 07045 (US).
- (74) BECKER, Konrad; Novartis AG, Corporate Intellectual Property, Patent & Trademark Department, CH-4002 Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MX NO NZ OM PH PL PT RO RU 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ C07D 211/26, A61K 31/445, C07D 241/04, A61P 3/04
- (11) WO 02/076947 (13) A1
- (21) PCT/US02/08338
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) en (26) en
- (30) 60/277,584 21 Mar/mar 2001 US (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MCH ANTAGONISTS AND THEIR USE IN THE TREATMENT OF OBESITY
- ANTAGONISTES DE L'HORMONE CONCENTRANT LA MELANINE (MCH) ET LEUR UTILISATION DANS LE TRAITEMENT DE L'OBESITE
- (71) SCHERING CORPORATION [US/US]; Patent Department - K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).
- (72) CLADER, John, W.; 428 North Union Avenue, Cranford, NJ 07016 (US). JOSIEN, Hubert, B.; 317 Monroe Street #3, Hoboken, NJ 07030 (US). PALANI, Anandan; 25 Reinhart Way, Bridgewater, NJ 08807 (US). CHAN, Tin-Yau; 26 Barlow Road, Edison, NJ 08817 (US).
- (74) LEE, William, Y.; 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 GH HR HU ID IL IN IS JP KE 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 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 CH CY DE DK ES FI FR GB GR IE 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 :
(t) for all designations / pour toutes les désignations
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- (51)⁷ C07D 211/58, A61K 31/4468, A61P 11/00, 17/00, 29/00, 37/00
- (11) WO 02/076948 (13) A1
- (21) PCT/SE02/00542
- (22) 19 Mar/mar 2002 (19.03.2002)
- (25) en (26) en
- (30) 0107228.9 22 Mar/mar 2001 GB (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • NOVEL PIPERIDINE DERIVATIVES AS MODULATORS OF CHEMOKINE RECEPTORS
- NOUVEAUX DERIVES PIPERIDINES UTILISES EN TANT QUE MODULATEURS DE RECEPTEURS DES CHI-MIOKINES
- (71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BURROWS, Jeremy [GB/GB]; AstraZeneca R & D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB). CUMMING, John [GB/GB]; AstraZeneca R & D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).
- (74) GLOBAL INTELLECTUAL PROPERTY; AstraZeneca AB, S-151 85 Södertälje (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
(u) for / pour US only / seulement
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- (51)⁷ C07D 231/06, 401/04, A61K 31/415, A61P 25/00
- (11) WO 02/076949 (13) A1
- (21) PCT/EP02/03079
- (22) 18 Mar/mar 2002 (18.03.2002)
- (25) en (26) en
- (30) 01201062.5 22 Mar/mar 2001 EP (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)

(54) • 4,5-DIHYDRO-1H-PYRAZOLE DERIVATIVES HAVING CBI-ANTAGONISTIC ACTIVITY

• DERIVES DE 4,5-DIHYDRO-1H-PYRAZOLE AYANT UNE ACTIVITE D'ANTAGONISTE DE CB₁

(71) SOLVAY PHARMACEUTICALS B.V. [NL/NL]; C.J. Van Houtenlaan 36, NL-1381 CP Weesp (NL).

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

(72, 75) LANGE, Josephus, H.M. [NL/NL]; c/o C.J. Van Houtenlaan 36, NL-1381 CP Weesp (NL). KRUSE, Cornelis, G [NL/NL]; c/o C.J. Van Houtenlaan 36, NL-1381 CP Weesp (NL). TIPKER, Jacobus [NL/NL]; c/o C.J. Van Houtenlaan 36, NL-1381 CP Weesp (NL). HOOGENDOORN, Jan [NL/NL]; c/o C.J. Van Houtenlaan 36, NL-1381 CP Weesp (NL).

(74) MUIS, Maarten; OCTROOIBUREAU ZOAN B.V., P.O. Box 140, NL-1380 AC Weesp (NL).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 233/54, A61K 31/4164, A61P 43/00, C07D 405/06, 409/06, 401/06

(11) WO 02/076950 (13) A2

(21) PCT/US02/08222

(22) 13 Mar/mar 2002 (13.03.2002)

(25) en (26) en

(30) 09/815,362 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOUNDS AND METHOD OF TREATMENT HAVING AGONIST-LIKE ACTIVITY SELECTIVE AT ALPHA 2B OR 2B/2C ADRENERGIC RECEPTORS

• PROCEDE ET COMPOSES DE TRAITEMENT PRESENTANT UNE ACTIVITE SELECTIVE SIMILAIRE A CELLE D'AGONISTES DES RECEPTEURS ADRENERGIQUES ALPHA 2B OU 2B/2C

(71) ALLERGAN, INC. [US/US]; 2525 Dupont Drive, Irvine, CA 92612 (US).

(72) CHOW, Ken; 20 Tidal Surf, Newport Coast, CA 92657 (US). GIL, Daniel, W.; 2541 Point Del Mar, Corona Del Mar, CA 92625 (US). BURKE, James, A.; 2409 East Avalon, Santa Ana, CA 92705 (US). HARCOURT, Dale, A.; 2 Flagstone, Apt. #344, Irvine, CA 92606 (US). GARST, Michael, E.; 2627 Raqueta, Newport Beach, CA 92660 (US). WHEELER, Larry, A.; 18 Valley View, Irvine, CA 92715 (US). MUNK, Stephen,

A.; 15976 Winchester, Northville, MI 48167 (US). GOMEZ, Dario, G.; 375 Duranzo Ailse, Irvine, CA 92606 (US).

(74) FISHER, Carlos, A. et al. / etc.; Allergan Sales, Inc., 2525 Dupont Drive, Irvine, CA 92612 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 233/84, 401/12, 405/12, 409/12, A61K 31/4164

(11) WO 02/076951 (13) A1

(21) PCT/EP02/03264

(22) 22 Mar/mar 2002 (22.03.2002)

(25) de (26) de

(30) 101 14 775.9 26 Mar/mar 2001 DE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • 2-MERCAPTO-4,5-DIARYLIMIDAZOLE DERIVATIVES AND THE USE THEREOF AS CYCLOOXYGENASE INHIBITORS

• DERIVES DE 2-MERCAPTO-4,5-DIARYLIMIDAZOLE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE LA CYCLO-OXYGENASE

(71, 72) DANNHARDT, Gerd [DE/DE]; Ruhestr. 17, 55127 Mainz (DE).

(72, 75) HAHN, Linda [DE/DE]; Mainzer Landstr. 95, 65795 Hattersheim (DE).

(74) RIEDL, Peter et al. / etc.; Reitstötter, Kinzebach & Partner, Sternwartstr. 4, 81679 München (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07D 233/91, 403/14

(11) WO 02/076952 (13) A1

(21) PCT/IB02/01723

(22) 24 Jan/jan 2002 (24.01.2002)

(25) en (26) en

(30) 09/818,301 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS OF SYNTHESIZING HETEROATOM-BEARING LIGANDS AND INTERMEDIATE USED THEREFOR

• PROCEDES DESTINES A SYNTHETISER DES LIGANDS PORTEURS D'HETEROATOMES ET PRODUIT INTERMEDIAIRE UTILISE A CET EFFET

(71) BRACCO INTERNATIONAL B.V. [NL/NL]; Strawinskylaan 3051, NL-1077 ZX Amsterdam (NL).

(72) RAMALINGAM, Kondareddiar; 46 Liberty Drive, Dayton, NJ 08810 (US).

(74) MACCHETTA, Francesco; Bracco Imaging SpA, Via Egidio Folli, 50, 20134 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 CH CY DE DK ES FI FR GB GR IE 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 C07D 239/70, 401/04, 403/04, A61K 31/527, A61P 29/00

(11) WO 02/076953 (13) A1

(21) PCT/EP01/03355

(22) 21 Mar/mar 2001 (21.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NEW SPIROTRICYCLIC DERIVATIVES AND THEIR USE AS PHOSPHODIESTERASE-7 INHIBITORS

• NOUVEAUX DERIVES SPIROTRICYCLIQUES ET UTILISATION DE CES DERIVES EN TANT QU'INHIBITEURS DE LA PHOSPHODIESTERASE-7

(71) WARNER-LAMBERT COMPANY [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).

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

(72, 75) BERNARDELLI, Patrick [FR/FR]; 146, rue Boucicaut, F-92260 Fontenay-aux-Roses (FR). DUCROT, Pierre [FR/FR]; 6, Résidence d'Amblainvillers, F-91370 Verrières-le-Buisson (FR). LORTHOIS, Edwige [FR/FR]; 6, rue de la Briqueterie, F-75014 Paris (FR). VERGNE, Fabrice [FR/FR]; 6, rue du Maréchal de Latte de Tassigny, F-78000 Versailles (FR).

(74) DUFRESNE, Guillaume Warner-Lambert Company; Pfizer Global Research & Development, Fresnes Laboratories, 3-9, rue de la Loge, Boîte postale 100, F-94265 Fresnes (FR).

(81) US.

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

(51)⁷ C07D 239/84, A61K 31/517, A61P 31/18

(11) WO 02/076954 (13) A1

(21) PCT/US02/09022

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,119 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOUNDS USEFUL AS KINASE INHIBITORS FOR THE TREATMENT OF HYPERPROLIFERATIVE DISEASES

• COMPOSES UTILES EN TANT QU'INHIBITEURS DE KINASE POUR LE TRAITEMENT DE MALADIES HYPERPROLIFERANTES

(71) SMITHKLINE BEECHAM CORPORATION [US/US]; UW2220, 709 Swedeland Road, King of Prussia, PA 19406 (US).

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

(72, 75) BONDINELL, William, E. [US/US]; 1512 Franklin Lane, Wayne, PA 19087 (US). HOLT, Dennis, A. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). LAGO, Maria, Amparo [ES/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). NEEB, Michael, J. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). SEMONES, Marcus, A. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).

(74) VENETIANER, Stephen; UW2220, 709 Swedeland Road, King Of Prussia, PA 10406 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07D 249/08

(11) WO 02/076955 (13) A1

(21) PCT/HU01/00033

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROCESS FOR PREPARING FLUCONAZOLE AND ITS CRYSTAL MODIFICATIONS

• METHODE DE PREPARATION DE FLUCONAZOLE ET DE SES MODIFICATIONS CRISTALLINES

(71) RICHTER GEDEON VEGYESZÉTI GYÁR RT. [HU/HU]; Gyömroi út 19-21, H-1103 Budapest (HU).

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

(72, 75) KREIDL, János [HU/HU]; Pusztaszteri út 51, H-1025 Budapest (HU). CZ-IBULA, László [HU/HU]; Gergely u. 48, H-1103 Budapest (HU). SZÁNTAY, Csaba [HU/HU]; Zsombolyai u. 8, H-1113 Budapest (HU). FARKAS, Jenőné [HU/HU]; Borbolya u. 8, H-1023 Budapest (HU). DEUTSCHNÉ JUHÁSZ, Ida [HU/HU]; Kalap u. 6, H-1037 Budapest (HU). HEGEDUS, István [HU/HU]; Péter Pál u. 122/B, H-1221 Budapest (HU). WERKNÉ PAPP, Éva [HU/HU]; Noszlopy u. 41/d, H-1103 Budapest (HU). NAGYNÉ BAGDY, Judit [HU/HU]; Pajkos u. 23/a, H-1119 Budapest (HU). PILLER, Ágnes [HU/HU]; Kalocsai u. 11, H-1141 Budapest (HU).

(74) RICHTER GEDEON VEGYESZÉTI GYÁR RT.; Gyömroi út 19-21, H-1103 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MX 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).

Published / Publiée : (a)

(51)⁷ C07D 261/04, 413/10, 413/14, A61K 31/42, 31/44, 31/445, A01N 43/80

(11) WO 02/076956 (13) A1

(21) PCT/EP02/02619

(22) 9 Mar/mar 2002 (09.03.2002)

(25) de (26) de

(30) 101 14 597.7 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ARYLISOXAZOLINE DERIVATIVES, METHOD FOR PRODUCTION AND USE THEREOF AS PESTICIDES

• DERIVE D'ARYLISOXAZOLINE, LEUR PROCÉDE DE PRODUCTION ET LEUR UTILISATION COMME PESTICIDES

(71) AVENTIS CROPSCIENCE GMBH [DE/DE]; Brüningstrasse 50, 65929 Frankfurt (DE).

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

(72, 75) BRAUN, Ralf [DE/DE]; Bischof-Beck-Strasse 1a, 76857 Ramberg (DE). ORT, Oswald [DE/DE]; Eppenhainer Strasse 14, 61479 Glashütten (DE). HAACK, Karl-Josef [DE/DE]; Lenzhahner Weg 5, 65527 Niedernhausen (DE). ECKHARDT, Matthias [DE/DE]; Kirschenweg 7, 88400 Biberach (DE). HEMPEL, Waltraud [DE/DE]; Zum Morgengraben 18, 65835 Liederbach (DE). THÖNESSEN, Maria-Theresia [DE/DE]; Frauenlobstrasse 10, 55262 Heidesheim (DE).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EC EE

GD GE HR HU ID IL IN IS JP KG KP KR KZ LC LK LR LT LV MA MD MG MK MN MX NO NZ OM PH PL RO RU SG SI SK TJ TM 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 CH CY DE DK ES FI FR GB GR IE IT 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 263/32, 277/30, 233/64, 417/04, 413/04, 403/04, 409/04, 401/14, 277/42, A61K 31/421, 31/426, 31/427, 31/422, 31/4164, 31/4184, 31/4178, 31/4439, A61P 43/00, 3/10, 3/06, 3/04, 9/10, 9/00, 35/00, 25/28, 19/10, 27/02, 25/00

(11) WO 02/076957 (13) A1

(21) PCT/JP02/01422

(22) 19 Feb/fév 2002 (19.02.2002)

(25) ja (26) ja

(30) 2001-86145 23 Mar/mar 2001 JP (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ACTIVATOR FOR PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR

• ACTIVATEUR DE RECEPTEUR ACTIVE PAR LES PROLIFERATEURS DU PEROXYOSOME

(71) NIPPON CHEMPHAR CO.,LTD. [JP/JP]; 2-3, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 101-8678 (JP).

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

(72, 75) SAKUMA, Shogo [JP/JP]; 1-28-1-205, Yoshikawa, Yoshikawa-shi, Saitama 342-0055 (JP). ENDO, Tsuyoshi [JP/JP]; 3-23-6-A102, Wakagi, Itabashi-ku, Tokyo 174-0065 (JP). KANDA, Takashi [JP/JP]; 3-10-18-701, Hikonari, Misato-shi, Saitama 341-0003 (JP). MASUI, Seichiro [JP/JP]; 4-6-21, Nakaduma, Ageo-shi, Saitama 362-0072 (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 VN YU ZA ZM ZW.

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

- (51)⁷ C07D 263/32, 233/64
(11) WO 02/076958 (13) A1
(21) PCT/JP02/02704
(22) 20 Mar/mar 2002 (20.03.2002)
(25) ja (26) ja
(30) 2001-84092 23 Mar/mar 2001 JP (23.03.2001)
(30) 2001-84183 23 Mar/mar 2001 JP (23.03.2001)
(30) 2001-84184 23 Mar/mar 2001 JP (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • PROCESS FOR PRODUCING 5-SUBSTITUTED OXAZOLE COMPOUNDS AND 5-SUBSTITUTED IMIDAZOLE COMPOUNDS
• PROCEDE DE PRODUCTION DE COMPOSES OXAZOLES 5-SUBSTITUES ET DE COMPOSES IMIDAZOLES 5-SUBSTITUES
(71) NIPPON SODA CO., LTD. [JP/JP]; 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) OGIHARA, Atsushi [JP/JP]; c/o Takaoka Plant, Nippon Soda Co., Ltd., 300, Mukainohonmachi, Takaoka-shi, Toyama 938-8507 (JP). SAKAI, Hiroshi [JP/JP]; c/o Takaoka Plant, Nippon Soda Co., Ltd., 300, Mukainohonmachi, Takaoka-shi, Toyama 938-8507 (JP). MATSUI, Nobuo [JP/JP]; c/o Takaoka Plant, Nippon Soda Co., Ltd., 300, Mukainohonmachi, Takaoka-shi, Toyama 938-8507 (JP). MIYAZAKI, Hidekazu [JP/JP]; c/o Takaoka Plant, Nippon Soda Co., Ltd., 300, Mukainohonmachi, Takaoka-shi, Toyama 938-8507 (JP).
(74) TOKAI, Yusaku et al. / etc.; c/o Nippon Soda Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 263/32, 263/34, 413/12, 413/14, 417/12, A61K 31/421, 31/422, 31/427, 31/4439, 31/4709, 31/5377, A61P 3/06, 3/10, 43/00
(11) WO 02/076959 (13) A1
(21) PCT/JP02/02741
(22) 22 Mar/mar 2002 (22.03.2002)
(25) ja (26) ja
(30) 2001-85572 23 Mar/mar 2001 JP (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • FIVE-MEMBERED HETEROCYCLIC ALKANOIC ACID DERIVATIVE

- DERIVE HETEROCYCLIQUE A CINQ MEMBRES D'ACIDE ALCANOIQUE
(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) MOMOSE, Yu [JP/JP]; 8-7, Sumiregaoka 2-chome, Takarazuka-shi, Hyogo 665-0847 (JP). MAEKAWA, Tsuyoshi [JP/JP]; 2-21, Ioi 1-chome, Ikaruga-cho, Ikoma-gun, Nara 636-0124 (JP). IMOTO, Hiroshi [JP/JP]; 10-12, Nomura 6-chome, Kusatsu-shi, Shiga 525-0027 (JP). ODAKA, Hiroyuki [JP/JP]; 12-12, Katsuragi 2-chome, Kita-ku, Kobe-shi, Hyogo 651-1223 (JP). KIMURA, Hiroyuki [JP/JP]; 2-20-808, Ohamanakamachi 1-cho, Sakai-shi, Osaka 590-0975 (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 VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 263/54, 413/02
(11) WO 02/076960 (13) A1
(21) PCT/US02/08910
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 60/278,072 22 Mar/mar 2001 US (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • TRANSITION METAL MEDIATED PROCESS
• PROCEDE FAISANT INTERVENIR UN METAL DE TRANSITION
(71) ABBOTT GMBH & CO. KG [DE/DE]; Knollstrasse, 67061 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) WISHART, Neil [GB/US]; 406 Sterling Road, Holden, MA 01520 (US). RITTER, Kurt [DE/DE]; Hamburger Allee 50, 60486 Frankfurt (DE).
(74) O'BRIEN, Gayle, B.; 100 Research Drive, Worcester, MA 01605-4314 (US) et al. / etc.
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

- OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
Declaration / Déclaration :
(s) for all designations / pour toutes les désignations

(51)⁷ C07D 271/12, 413/04, 417/04, 285/14, A61K 7/13
(11) WO 02/076961 (13) A1
(21) PCT/EP01/12806
(22) 6 Nov/nov 2001 (06.11.2001)
(25) de (26) de
(30) 101 13 699.4 21 Mar/mar 2001 DE (21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • 7-NITRO-2,1,3-BENZOXADIAZOLE DERIVATIVES AND 7-NITRO-2,1,3-BENZTHIADIAZOLE DERIVATIVES AND DYES, WHICH CONTAIN THESE COMPOUNDS AND WHICH ARE USED FOR DYING KERATIN FIBERS
• DERIVES DE 7-NITRO-2,1,3-BENZOXADIAZOL-ET 7-NITRO-2,1,3-BENZTHIADIAZOL ET COLORANTS POUR FIBRES DE KERATINE CONTENANT LESDITS COMPOSES
(71) WELLA AKTIENGESELLSCHAFT [DE/DE]; RP, Berliner Allee 65, 64274 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) UMBRICHT, Gisela [CH/CH]; Route des Pralettes 11, CH-1723 Marly (CH). BRAUN, Hans-Jürgen [DE/CH]; Kapellacker 19, CH-3182 Überstorf (CH). OBERSON, Sylviane [CH/CH]; Faubourg 132, CH-1730 Ecuwillens (CH). MÜLLER, Catherine [CH/CH]; Rte. du Confin 23, CH-1723 Marly (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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 277/30, C07C 323/56
(11) WO 02/076962 (13) A1
(21) PCT/JP02/02703
(22) 20 Mar/mar 2002 (20.03.2002)
(25) ja (26) ja
(30) 2001-84214 23 Mar/mar 2001 JP (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • PROCESS FOR PRODUCING 3-OXO-2-(2-THIAZOLYL)PROPANENITRILE AND INTERMEDIATE
• PROCEDE DE PRODUCTION DE 3-OXO-2-(2-THIAZOLYL)PROPANENITRILE ET INTERMEDIAIRE

- (71) NIPPON SODA CO., LTD. [JP/JP]; 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAGIHARA, Tomio [JP/JP]; c/o Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-0280 (JP). SUZUKI, Tatsumi [JP/JP]; c/o Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-0280 (JP).
- (74) TOKAI, Yusaku et al. / etc.; c/o Nippon Soda Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ 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 C07D 277/64, 235/14, 333/58, 209/14, 307/81, C07C 279/04, 279/08, A61K 31/343, 31/381, 31/404, A61P 3/10
- (11) WO 02/076963 (13) A1
(21) PCT/EP02/02094
(22) 27 Feb/fév 2002 (27.02.2002)
(25) en (26) en
(30) 0103843 21 Mar/mar 2001 FR (21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • BICYCLIC GUANIDINE DERIVATIVES AND THERAPEUTIC USES THEREOF
• DERIVES BICYCLIQUES DE GUANIDINE ET LEURS UTILISATIONS THERAPEUTIQUES
- (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) MOINET, Gérard [FR/FR]; 15, rue Lamartine, F-91400 Orsay (FR). CRAVO, Daniel [FR/FR]; 123, avenue Jules Ferry, F-78500 Sartrouville (FR).
- (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 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).
- Published / Publiée : (a)
-
- (51)⁷ C07D 295/185, A61K 31/40, A61P 35/00, C07C 279/14, C07D 207/14, C07K 7/06, C07D 211/18, 207/335
- (11) WO 02/076965 (13) A1
(21) PCT/GR01/00015
(22) 23 Mar/mar 2001 (23.03.2001)
(25) en (26) en
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • NON PEPTIDE MIMETICS BASED ON THE ACTIVE SEQUENCE S₄FLLR₄₆ OF THE THROMBIN RECEPTOR FOR THE TREATMENT OF THROMBOSIS AND CANCER
• SUBSTANCES MIMETIQUES NON PEPTIDES A BASE DE LA SEQUENCE ACTIVE S₄FLLR₄₆ DU RECEPTEUR DE LA THROMBINE DESTINEES AU TRAITEMENT DE LA THROMBOSE ET DU CANCER
- (71, 72) MATSOUKAS, John [GR/GR]; Department of Chemistry, University of Patras, GR-265 00 Patras (GR). MARAGOUKAKIS, Michael [GR/GR]; School of Medicine, University of Patras, GR-265 00 Patras (GR). VLAHAKOS, Demetrios [GR/GR]; Onassis Cardiac Surgery Center, 356 Sygrou Avenue, GR-176 74 Athens (GR). ALEXOPOULOS, Kostas [GR/GR]; Department of Chemistry, University of Patras, GR-265 00 Patras (GR).
- (74) MATSOUKAS, John; Department of Chemistry, University of Patras, GR-265 00 Patras (GR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 C07D 301/14, C08G 59/34, C09D 5/00, 163/00
- (11) WO 02/076966 (13) A1
(21) PCT/JP02/02778
(22) 22 Mar/mar 2002 (22.03.2002)
(25) ja (26) ja
(30) 2001-84195 23 Mar/mar 2001 JP (23.03.2001)
(30) 2001-143835 14 May/mai 2001 JP (14.05.2001)
(30) 2001-193430 26 Jun/juin 2001 JP (26.06.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PROCESS FOR PRODUCING EPOXY COMPOUND, EPOXY RESIN COMPOSITION AND USE THEREOF, ULTRAVIOLET-CURABLE CAN COATING COMPOSITION, AND PROCESS FOR PRODUCING COATED METAL CAN
• PROCEDE DE FABRICATION DE COMPOSE EPOXY, COMPOSITION DE RESINE EPOXY ET SON UTILISATION, COMPOSITION DE REVETEMENT A SECHAGE UV, ET PROCEDE DE FABRICATION DE BOITE METALLIQUE AINSI REVETUE
- (71) DAICEL CHEMICAL INDUSTRIES, LTD. [JP/JP]; 1, Teppocho, Sakai-shi, Osaka 590-0905 (JP).
- (72) TAKAI, Hideyuki; 4-1, Kuba 4-chome, Ohtake-shi, Hiroshima 739-0651 (JP).
- (74) MIURA, Yoshikazu; Kurosusaido Kojimachi, 4, Kojimachi 5-chome, Chiyoda-ku, Tokyo 102-0083 (JP).

(81) 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 C07D 305/14

(11) WO 02/076967 (13) A1

(21) PCT/US01/09348

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROCESS FOR MAKING TAXANE
DERIVATIVES
• PROCEDE DE FABRICATION DE DE-
RIVES DE TAXANE

(71, 72) SCHOLEMER, George [US/US]; 500
E. Rogers Road, Longmont, CO 80501 (US).
CHEN, Yung-Fa [—/—]; 16 Wei-Du Tou,
Chia-Lia, Tainan County, Taiwan 726 (TW).
LIN, Chien, Hsin [CN/—]; No.70. Lane
93, Tong-Ning Road, Tainan City (TW).
DANIEWSKI, Wlodzimierz [PL/PL]; ul.
Zamiany 15 m. 45, PL-02-786 Warsaw (PL).

(74) KENT, H., Cheng; Cohen, Pontani, Lieber-
man & Pavane, 551 Fifth Avenue, Suite 1210,
New York, NY 10176 (US).

(81) CN JP.

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

(51)⁷ C07D 307/20, 263/06, C07C 233/65, A61P
29/00

(11) WO 02/076968 (13) A1

(21) PCT/EP02/03194

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 0107365.9 23 Mar/mar 2001 GB
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MALONATES AS INHIBITORS OF
THE ICE/CED-6 FAMILY OF CYS-
TEINE PROTEASES
• MALONATES EN TANT QU'INHIBI-
TEURS DE LA FAMILLE ICE/CED-3
DES CYSTEINES PROTEASES

(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-ERFINDUNGEN VER-
WALTUNGSGESELLSCHAFT M.B.H.
[AT/AT]; Brunner Strasse 59, A-1230 Vienna
(AT).
(only for / seulement pour AT)

(72, 75) ROGGO, Silvio [CH/CH]; Stettbrun-
nenweg 36, CH-4132 Muttenz (CH). HIN-
TERMANN, Samuel [CH/CH]; Kingel-
bergstrasse 93, CH-4056 Basel (CH).
RASETTI, Vittorio [CH/CH]; Mohrhalden-
strasse 196, CH-4125 Riehen (CH). VON
KROSIGK, Ulrike [DE/CH]; Wettsteinallee
83, CH-4058 Basel (CH).

(74) BECKER, Konrad; Novartis AG, Corporate
Intellectual Property, Patent & Trademark De-
partment, CH-4002 Basel (CH).

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

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

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP
(AT BE CH CY DE DK ES FI FR GB GR IE
IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ C07D 307/54

(11) WO 02/076969 (13) A1

(21) PCT/US02/09324

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/278,762 27 Mar/mar 2001 US
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYNTHESIS OF FLUORINATED
MOLECULES POSSESSING HIGH
OPTICAL NON-LINEARITY
• SYNTHÈSE DE MOLECULES FLUO-
REES POSSEDANT UNE NON-LINEA-
RITE OPTIQUE ELEVEES

(71) LOCKHEED MARTIN CORPORATION
[US/US]; 6801 Rockledge Drive, Bethesda,
MD 20817 (US).

(72) ERMER, Susan; 601 Sylvan Way, Redwood
City, CA 94062 (US). LOVEJOY, Steven,
Michael; 557 Carlisle Way, Sunnyvale, CA
94087 (US). BEDWORTH, Peter, V.; 413
Williams Place, San Mateo, CA 94402 (US).

(74) PENNINGTON, Edward, A. et al. / etc.;
Swidler Berlin Shereff Friedman, LLP, Suite
300, 3000 K Street, N.W., Washington, DC
20007-5116 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 C07D 311/76

(11) WO 02/076970 (13) A2

(21) PCT/US02/11264

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/278,264 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TOCOPHEROL SUCCINATE DERIVA-
TIVES AND COMPOSITIONS
• DERIVES SUCCINATE TOCOPHEROL
ET COMPOSITIONS

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(72, 75) LAMBERT, Karel, J. [US/US]; P.O.
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(74) RENZONI, George, E.; Christensen,
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98101 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 315/00, A01N 43/16, A61K 31/35

(11) WO 02/076971 (13) A1

(21) PCT/US02/07052

(22) 8 Mar/mar 2002 (08.03.2002)

(25) en (26) en

(30) 60/273,952 8 Mar/mar 2001 US
(08.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOUNDS USEFUL FOR IN-
HIBITING PARAMYXOVIRUS NEU-
RAMINIDASE
• COMPOSES D'INHIBITION DE LA
NEURAMINIDASE DE PARAMYXO-
VIRUS

(71) BIOCRYST PHARMACEUTICALS,
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Birmingham, AL 35244 (US).
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(74) AMERNICK, Burton, A.; Connolly Bove
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ington, DC 20036 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 C07D 319/24, 493/04, G01N 33/00

(11) WO 02/076972 (13) A1

(21) PCT/JP01/02627

(22) 29 Mar/mar 2001 (29.03.2001)

(25) ja (26) ja

(30) 2001-85225 23 Mar/mar 2001 JP
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NOVEL DIOXIN ANALOGUES AND METHODS AND KITS FOR SEARCHING OUT DIOXIN-DECOMPOSING ORGANISMS OR ENZYMES OR DIOXIN-DECOMPOSING ENZYME GENES

• NOUVEAUX ANALOGUES DE LA DIOXINE, PROCÉDE ET KITS DE DÉTECTION D'ORGANISMES OU D'ENZYMES DÉCOMPOSANT LA DIOXINE OU BIEN DE GENES ENZYMATIQUES DÉCOMPOSANT LA DIOXINE

(71) FORESTRY AND FOREST PRODUCTS RESEARCH INSTITUTE [JP/JP]; 1, Matsunosato, Kukizaki-machi, Inashiki-gun, Ibaraki 305-8687 (JP).
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(72, 75) NAKAMURA, Masaya [JP/JP]; c/o FORESTRY AND FOREST PRODUCTS RESEARCH INSTITUTE 1, Matsunosato, Kukizaki-machi, Inashiki-gun, Ibaraki 305-8687 (JP). HISHIYAMA, Shojiro [JP/JP]; c/o FORESTRY AND FOREST PRODUCTS RESEARCH INSTITUTE 1, Matsunosato, Kukizaki-machi, Inashiki-gun, Ibaraki 305-8687 (JP).

(74) KISHIDA, Masayuki et al. / etc.; Room 424, Marunouchi-Yaesu Building, 6-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) DE US.

(51)⁷ C07D 401/04, 401/14, 451/14, 453/02, 491/113, A61K 31/435, 31/439, 31/439, 31/4545, A61P 3/06, 9/10, 9/12, 9/00, 43/00

(11) WO 02/076973 (13) A1

(21) PCT/JP02/03004

(22) 27 Mar/mar 2002 (27.03.2002)

(25) ja (26) ja

(30) 2001-91480 27 Mar/mar 2001 JP
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • N-ARYL-SUBSTITUTED CYCLIC AMINE DERIVATIVE AND MEDICINE CONTAINING THE SAME AS ACTIVE INGREDIENT

• DERIVE D'AMINE CYCLIQUE A SUBSTITUTION N-ARYLE ET MEDICAMENT CONTENANT LEDIT DERIVE EN TANT QUE PRINCIPE ACTIF

(71) EISAI CO., LTD. [JP/JP]; 6-10, Koishikawa 4-chome, Bunkyo-ku, Tokyo 112-8088 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OKADA, Toshimi [JP/JP]; 1-39, Nagakunida, Tsuchiura-shi, Ibaraki 300-0810 (JP). KURUSU, Nobuyuki [JP/JP]; 4-7-11, Shimotakatsu, Tsuchiura-shi, Ibaraki 300-0812 (JP). TANAKA, Keigo [JP/JP]; Sunvillage Matsushiro F-202, 1-30-12, Matsushiro, Tsukuba-shi, Ibaraki 305-0035 (JP). YOSHIKAWA, Seiji [JP/JP]; Parkhills Yamanosofiaikan 705, 2-46-2, Kasuga, Tsukuba-shi, Ibaraki 305-0821 (JP). SHINMYO, Daisuke [JP/JP]; Mezon Gakuen 202, 2-23-5, Amakubo, Tsukuba-shi, Ibaraki 305-0005 (JP). WATANABE, Nobuhisa [JP/JP]; Korpo Shima A-205, 1884-4, Ohaza Dai, Tsukuba-shi, Ibaraki 305-0016 (JP). IKUTA, Hironori [JP/JP]; 2-35-12, Sakaecho, Ushiku-shi, Ibaraki 300-1233 (JP). HIYOSHI, Hironobu [JP/JP]; Ruminasu Kannondaiichibankan 405, 1-34-16, Kannondai, Tsukuba-shi, Ibaraki 305-0856 (JP). SAEKI, Takao [JP/JP]; 2-9-6, Matsumaedai, Moriya-shi, Ibaraki 302-0102 (JP). YANAGIMACHI, Mamoru [JP/JP]; Harmony Town 1-1108, 1101-1, Nonoi, Toride-shi, Ibaraki 302-0032 (JP). ITO, Masashi [JP/JP]; Excel Chibadera 103, 883-7, Chibaderacho, Chiba-shi, Chiba 260-0844 (JP).

(74) FURUYA, Kaoru et al. / etc.; Hamacho-Hanacho Building 6th Floor, 2-17-8, Nihonbashi-Hamacho, Chuo-ku, Tokyo 103-0007 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 401/04, 213/51

(11) WO 02/076974 (13) A2

(21) PCT/US02/05419

(22) 22 Feb/fév 2002 (22.02.2002)

(25) en (26) en

(30) 60/278,607 26 Mar/mar 2001 US
(26.03.2001)

(30) 10/, 22 Feb/fév 2002 US
(22.02.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROCESS FOR THE PREPARATION OF TETRASUBSTITUTED IMIDAZOLE DERIVATIVES AND NOVEL CRYSTALLINE STRUCTURES THEREOF

• PROCÉDE DE PRÉPARATION DE DERIVES D'IMIDAZOLE TETRASUBSTITUES ET LEURS NOUVELLES STRUCTURES CRISTALLINES

(71) ORTHO-MCNEIL PHARMACEUTICAL, INC. [US/US]; U.S. Route #202, Raritan, NJ 08869-0602 (US).

(72) ZHONG, Hua; U.S. Route #202, Raritan, NJ 08869-0602 (US). DUBBERKE, SilkeMULLER, StefanROSSLER, ArminSCHULTZ, Thomas, W.KOREY, Daniel,

J.OTTEN, ThomasWALKER, Donald, G.ABDEL-MAGID, Abdel

(74) JOHNSON, Philip, S.; Johnson & Johnson, 1 Johnson & Johnson Plaza, New Brunswick, NJ 08933-7003 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 401/14, 401/12, 453/02, A61K 31/53 // (C07D 401/14, 251:00, 215:00, 215:00) (C07D 401/14, 251:00, 215:00, 215:00, 215:00) (C07D 401/12, 251:00, 215:00)

(11) WO 02/076975 (13) A1

(21) PCT/FR02/01005

(22) 22 Mar/mar 2002 (22.03.2002)

(25) fr (26) fr

(30) 01/03916 23 Mar/mar 2001 FR
(23.03.2001)

(30) 01/10370 2 Aug/août 2001 FR
(02.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CHEMICAL DERIVATIVES AND THEIR USE AS ANTI-TELOMERASE AGENT

• DERIVES CHIMIQUES ET LEUR APPLICATION COMME AGENT ANTITELOMERASE

(71) AVENTIS PHARMA S.A. [FR/FR]; 20 avenue Raymond Aron, F-92160 ANTONY (FR).

(72) MAILLIET, Patrick; 87 rue Dalayrac, F-94120 FONTENAY SOUS BOIS (FR). LAOUI, Abdelazize; 876 Sunset Ridge Road, BRIDGEWATER, NJ 08807 (US). RIOU, Jean-François; 2 rue Chabaud, F-51100 REIMS (FR). DOERFLINGER, Gilles; Résidence Les Millepertuis, Bât. B3, F-91940 LES ULIS (FR). MERGNY, Jean-Louis; 25 rue Delescluze, F-94800 VILLEJUIF (FR). HAMY, François; 42 rue Hoeffet, F-68110 ILLZACH (FR). CAULFIELD, Thomas; 7 rue Raffet, F-75016 PARIS (FR).

(74) LE PENNEC, Magali; AVENTIS PHARMA S.A., Direction Brevets, 20 avenue Raymond Aron, F-92165 ANTONY 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 VN YU ZA ZM ZW.

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

FI FR GB GR IE 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 C07D 403/04, 401/14, 403/14, A61K
31/517, A61P 15/10

(11) WO 02/076976 (13) A2

(21) PCT/US02/08659

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/277,974 23 Mar/mar 2001 US
(23.03.2001)

(30) 60/315,341 29 Aug/août 2001 US
(29.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RHO-KINASE INHIBITORS

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(71) BAYER CORPORATION [US/US]; 100
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(72, 75) NAGARATHNAM, Dhanapalan
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06492 (US).

(74) SHUBIN, Harry, B. et al. / etc.; Millen,
White, Zelano & Branigan, P.C., Arlington
Courthouse Plaza 1, Suite 1400, 2200 Claren-
don Boulevard, Arlington, VA 22201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN 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 C07D 403/04, 401/14, A61K 31/517, A61P
15/10

(11) WO 02/076977 (13) A2

(21) PCT/US02/08660

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/277,974 23 Mar/mar 2001 US
(23.03.2001)

(30) 60/315,338 29 Aug/août 2001 US
(29.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RHO-KINASE INHIBITORS

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(71) BAYER CORPORATION [US/US]; 100
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(74) SHUBIN, Harry, B. et al. / etc.; Millen,
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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 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 C07D 403/10, 207/20, 207/26, C07C
271/18, A01N 43/36, 43/713

(11) WO 02/076978 (13) A1

(21) PCT/EP02/02684

(22) 12 Mar/mar 2002 (12.03.2002)

(25) de (26) de

(30) 101 13 965.9 22 Mar/mar 2001 DE
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • Δ¹-PYRROLINES

• Δ¹-PYRROLINES

(71) BAYER AKTIENGESELLSCHAFT
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TURBERG, Andreas [DE/DE]; Sinter-
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(74) BAYER AKTIENGESELLSCHAFT;
51368 Leverkusen (DE).

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

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

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 VN YU ZA
ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ
TM) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT 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 403/12, A61K 31/47, C07D 401/12,
407/14, 471/04, 491/04, A61P 9/00

(11) WO 02/076979 (13) A1

(21) PCT/EP02/03131

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 0103422 27 Mar/mar 2001 EP
(27.03.2001)

(30) 0109845 27 Aug/août 2001 EP
(27.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • 1,2,3,4-TETRAHYDROISOQUINO-
LINES DERIVATIVES AS UROTENSIN
II RECEPTOR ANTAGONISTS

• DERIVES DE 1,2,3,4-TETRAHY-
DRO-ISOQUINOLINE EN TANT
QU'ANTAGONISTES DU RECEPTEUR
DE L'UROTENSINE II

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WELLER, Thomas [CH/CH]; Hoelzlis-
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(74) HOFMANN, Dieter; StratAll, Therwiler-
strasse 87, CH-4153 Reinach (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).

Published / Publiée : (c)

(51)⁷ C07D 407/04, A61P 31/16, 43/00

(11) WO 02/076980 (13) A1

(21) PCT/JP02/02917

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ja (26) ja

(30) 2001-090078 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SIALIC ACID DERIVATIVES
• DERIVES D'ACIDE SIALIQUE

(71) SANKYO COMPANY, LIMITED [JP/JP]; 5-1, Nihonbashi Honcho 3-chome, Chuo-ku, Tokyo 103-8426 (JP).
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(72, 75) HONDA, Takeshi [JP/JP]; SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). MASUDA, Takeshi [JP/JP]; SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). YAMASHITA, Makoto [JP/JP]; SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).

(74) OHNO, Akio et al. / etc.; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 453/06, A61K 31/439, A61P 3/10

(11) WO 02/076981 (13) A1

(21) PCT/JP02/02847

(22) 25 Mar/mar 2002 (25.03.2002)

(25) ja (26) ja

(30) 2001-88653 26 Mar/mar 2001 JP (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ISOQUINOLIDINE DERIVATIVE, PROCESS FOR PRODUCING THE SAME, AND MEDICINAL COMPOSITION CONTAINING THE SAME
• DERIVES D'ISOQUINOLIDINE, METHODE DE PRODUCTION ET COMPOSITION MEDICINALE CONTENANT CES DERIVES

(71) KOTOBUKI PHARMACEUTICAL CO., LTD. [JP/JP]; 6351, Oaza Sakaki, Sakaki-machi, Hanishina-gun, Nagano 389-0601 (JP).

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

(72, 75) TOMIYAMA, Hiroshi [JP/JP]; 1113, Oaza Sakaki, Sakaki-machi, Hanishina-gun, Nagano 389-0601 (JP). KOBAYASHI, Yoshinori [JP/JP]; 2526, Mori, Koshoku-shi, Nagano 387-0005 (JP). NODA, Atsushi [JP/JP]; 1310-451, Miwata-machi, Nagano-shi, Nagano 380-0816 (JP).

(74) TANAKA, Hiroshi et al. / etc.; Hougaku Bldg. 7F, 19-14, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AU BR CA CN ID IN JP KR MX 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 C07D 471/00

(11) WO 02/076982 (13) A2

(21) PCT/CA02/00385

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/278,044 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITORS
• INHIBITEURS NON NUCLEOSIDIQUES DE LA TRANSCRIPTASE INVERSE

(71) BOEHRINGER INGELHEIM (CANADA) LTD. [CA/CA]; 2100 Cunard Street, Laval, Québec H7S 2G5 (CA).

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

(72, 75) OGILVIE, William, W. [CA/CA]; 1999 Woodglen Crescent, Ottawa, Ontario K1J 6G7 (CA). DÉZIEL, Robert [CA/CA]; 546 Chester, Mont-Royal, Québec H3R 1W9 (CA). NAUD, Julie [CA/CA]; 2100 Cunard Street, Laval, Québec H7S 2G5 (CA). O'MEARA, Jeffrey [CA/CA]; 2100 Cunard Street, Laval, Québec H7S 2G5 (CA).

(74) BERNIER, Louise, G.; 2100 Cunard Street, Laval, Québec H7S 2G5 (CA).

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

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

(51)⁷ C07D 487/04, A61K 31/505, A61P 25/00 // (C07D 487/04, 239:00, 235:00)

(11) WO 02/076983 (13) A1

(21) PCT/GB02/01354

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 0107358.4 23 Mar/mar 2001 GB (23.03.2001)

(30) 0128157.5 23 Nov/nov 2001 GB (23.11.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMIDAZO-PYRIMIDINE DERIVATIVES AS LIGANDS FOR GABA RECEPTORS
• DERIVES D'IMIDAZO-PYRIMIDINE EN TANT QUE LIGANDS POUR RECEPTEURS GABA

(71) MERCK SHARP & DOHME LIMITED [GB/GB]; Hertford Road, Hoddesdon, Hertfordshire EN11 9BU (GB).

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

(72, 75) BLACKABY, Wesley, Peter [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). CASTRO PINEIRO, Jose, Luis [ES/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). CHAMBERS, Mark, Stuart [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). GOODACRE, Simon, Charles [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). HALLETT, David, James [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). JONES, Philip [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). LEWIS, Richard, Thomas [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). MACLEOD, Angus, Murray [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). MAXEY, Robert, James [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). MOORE, Kevin, William [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). STREET, Leslie, Joseph [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB).

(74) THOMPSON, John; Merck & Co., Inc., European Patent Department, Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB).

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

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

(51)⁷ C07D 487/04, A61K 31/52, A61P 25/22, 25/24

(11) WO 02/076984 (13) A1

(21) PCT/US02/11259

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,118 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOUNDS USEFUL AS KINASE INHIBITORS FOR THE TREATMENT OF HYPERPROLIFERATIVE DISEASES

• COMPOSES UTILES EN TANT QU'INHIBITEURS DE KINASE DANS LE TRAITEMENT DE MALADIES HYPERPROLIFERATIVES

(71) SMITHKLINE BEECHAM CORPORATION [US/US]; UW2220, 709 Swedeland Road, King of Prussia, PA 19406 (US).

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

(72, 75) BONDINELL, William, E. [US/US]; 1512 Franklin Lane, Wayne, PA 19087 (US).

HOLT, Dennis, A. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).

LAGO, Maria, Amparo [ES/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).

NEEB, Michael, J. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).

SEMONES, Marcus, A. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).

(74) VENETIANER, Stephen; UW2220, 709 Swedeland Road, King Of Prussia, PA 10406 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07D 487/04, A61K 31/4375, 31/4985

(11) WO 02/076985 (13) A1

(21) PCT/US02/08915

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,091 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOUNDS USEFUL AS KINASE INHIBITORS FOR THE TREATMENT OF HYPERPROLIFERATIVE DISEASES

• COMPOSES UTILES EN TANT QU'INHIBITEURS DE KINASES POUR LE TRAITEMENT DES MALADIES HYPERPROLIFERATIVES

(71) SMITHKLINE BEECHAM CORPORATION [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).

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

(72, 75) BONDINELL, William, E. [US/US]; 1512 Franklin Lane, Wayne, PA 19087 (US).

HOLT, Dennis, A. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).

LAGO, Maria, Amparo [ES/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).

(US). NEEB, Michael, J. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). SEMONES, Marcus, A. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).

(74) VENETIANER, Stephen; UW2220, 709 Swedeland Road, King Of Prussia, PA 10406 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07D 487/04, A61K 31/519

(11) WO 02/076986 (13) A1

(21) PCT/US02/08996

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,047 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PYRAZOLOPYRIMIDINES AS THERAPEUTIC AGENTS

• PYRAZOLOPYRIMIDINES UTILES COMME AGENTS THERAPEUTIQUES

(71) ABBOTT GMBH & CO. KG [DE/DE]; Knollstrasse, D-67061 Ludwigshafen (DE).

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

(72, 75) HIRST, Gavin C., [GB/US]; 112 Robert Road, Marlborough, MA 01752 (US).

RAFFERTY, Paul [GB/US]; 722 Charlestown Drive, Westborough, MA 01581 (US).

RITTER, Kurt [DE/DE]; Hamburger Allee 50, 60486 Frankfurt (DE).

CALDERWOOD, David [GB/US]; 4 McCarthy Circle, Framingham, MA 01702 (US).

WISHART, Neil [GB/US]; 406 Sterling Road, Holden, MA 01520 (US).

ARNOLD, Lee D., [CA/US]; 216 Ruggles Street, Westborough, MA 01581 (US).

FRIEDMAN, Michael M., [RU/US]; 27 Mechanic Street, Newton, MA 02464 (US).

(74) CONWAY, John D., et al. / etc.; ABBOTT BIORESEARCH CENTER, 100 Research Drive, Worcester, MA 01605-4314 (US).

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

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

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ C07D 487/04, A61K 31/437, A61P 25/24, 25/28

(11) WO 02/076987 (13) A1

(21) PCT/US02/09339

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/279,147 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • (OXO-PYRAZOLO[1,5A]PYRIMIDIN-2-YL)ALKYL-CARBOXAMIDES

• (OXO-PYRAZOLO[1,5A]PYRIMIDIN-2-YL)ALKYL-CARBOXAMIDES

(71) NEUROGEN CORPORATION [US/US]; 35 Northeast Industrial Road, Branford, CT 06405 (US).

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

(72, 75) LI, Guiying [US/US]; #8 Valley Court, Branford, CT 06405 (US).

PETERSON, John, M. [US/US]; 28 Highland Terrace, Madison, CT 06443 (US).

ALBAUGH, Pamela [US/US]; 10475 Trebah Circle, Carmel, IN 46032 (US).

(74) SARUSSI, Steven, J.; McDonnell Bochnen 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 487/06, 209/56, 241/38, 487/22, C09B 69/10 // (C07D 487/06, 209/00, 209/00) (C07D 487/22, 259/00, 209/00, C07C 209/00, 209/00)

(11) WO 02/076988 (13) A2

(21) PCT/EP02/03279

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 60/278,009 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TERT ALKYLPHENOXY SUBSTITUTED POLYCYCLIC COMPOUNDS

• COMPOSES POLYCYCLIQUES SUBSTITUES PAR ALKYLPHENOXY TERTIAIRE

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BÖHM, Arno** [DE/DE]; Kirchwaldstrasse 75, 68305 Mannheim (DE). **HELPER, Willi** [DE/DE]; Hauptstr. 122, 67159 Friedelsheim (DE). **BECK, Georg** [DE/DE]; Schöngewanne 3, 67482 Böbingen (DE). **KRIEGER, Matthias** [DE/DE]; Stamitzstrasse 16, 68167 Mannheim (DE). **ERK, Peter** [DE/DE]; Carl-Spitzweg-Str. 5a, 67227 Frankenthal (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 491/18, 209/96, 307/77, A61K 31/407, 31/403, 31/343, A61P 35/00, 35/02

(11) **WO 02/076989** (13) A1

(21) PCT/AU02/00360

(22) **25 Mar/mar 2002 (25.03.2002)**

(25) en (26) en

(30) PR 3923 **23 Mar/mar 2001 AU (23.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **PROTEIN PHOSPHATE INHIBITORS**
• **INHIBITEURS DE PROTEINE PHOSPHATE**

(71) **THE UNIVERSITY OF NEWCASTLE RESEARCH ASSOCIATES LIMITED** [AU/AU]; Industry Development Centre, University Drive, Callaghan, NSW 2308 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCCLUSKEY, Adam** [GB/AU]; 19 Simpson Court, Mayfield, NSW 2304 (AU). **SAKOFF, Jennette** [AU/AU]; 71 Green Point Drive, Belmont, NSW 2280 (AU). **ACKLAND, Stephen** [AU/AU]; 95 Carrington Parade, New Lambton Heights, NSW 2305 (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 VN YU ZA ZM ZW.

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

FI FR GB GR IE 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 C07D 513/04, A61K 31/519, A61P 25/28, 21/00, 29/00

(11) **WO 02/076990** (13) A1

(21) PCT/SE02/00599

(22) **26 Mar/mar 2002 (26.03.2002)**

(25) en (26) en

(30) 0101082-6 **27 Mar/mar 2001 SE (27.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **NOVEL USE**
• **NOUVELLE UTILISATION**

(71) **ASTRAZENECA AB** [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HANSON, Sverker** [SE/SE]; AstraZeneca R & D Södertälje, S-151 85 Södertälje (SE). **NORDVALL, Gunnar** [SE/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 US UZ VN YU ZA ZM ZW.

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

(51)⁷ C07F 1/00, C01B 37/02, B01D 53/00

(11) **WO 02/076991** (13) A1

(21) PCT/FR02/00986

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

(25) fr (26) fr

(30) 0103802 **21 Mar/mar 2001 FR (21.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **MESOPOROUS ORGANIC-INORGANIC HYBRID MATERIALS FOR SEPARATING GASES**

• **MATERIAUX HYBRIDES ORGANIQUES-INORGANIQUES, MESOPOREUX, POUR SEPARER LES GAZ**

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

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

(72, 75) **CORRIU, Robert** [FR/FR]; 246, rue de l'Espérou, F-34090 Montpellier (FR). **MEHDI, Ahmad** [FR/FR]; 139, avenue d'Occitanie, Appt. 8, F-34090 Montpellier (FR). **REYE, Catherine** [FR/FR]; Résidence Le Bussy d'Amboise, 160, rue d'Alco, F-34080 Montpellier (FR). **LEDON, Henry** [FR/FR]; 1 bis, rue de l'Assemblée-Nationale, F-78000 Versailles (FR).

(74) **CONAN, Philippe et al. / etc.**; L'Air Liquide SA, 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

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

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

(51)⁷ C07F 5/00

(11) **WO 02/076992** (13) A1

(21) PCT/FR02/00993

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

(25) fr (26) fr

(30) 0104013 **26 Mar/mar 2001 FR (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **PREPARATION OF A STABLE RARE-EARTH CARBOXYLATE SOLUTION**
• **PREPARATION D'UNE SOLUTION STABLE DE CARBOXYLATE DE TERRE RARE**

(71) **RHODIA ELECTRONICS AND CATALYSIS** [FR/FR]; Z.I. - 26, rue Chef de Baie, F-17041 La Rochelle (FR).

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

(72, 75) **MATHIVET, Thomas** [FR/FR]; 80-231, rue Flers, F-59800 Lille (FR).

(74) **DUBRUC, Philippe**; Direction de la Propriété Industrielle, 40, rue de la Haie-Coq, F-93306 Aubervilliers (FR).

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

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 C07F 7/02

(11) WO 02/076993 (13) A1

(21) PCT/EP02/03258

(22) 22 Mar/mar 2002 (22.03.2002)

(25) de (26) de

(30) 101 14 222.6 23 Mar/mar 2001 DE
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • TUMOR-INHIBITING SILICON COM-
POUNDS
• COMPOSES DE SILICIUM D'INHIBI-
TION TUMORALE

(71) FAUSTUS FORSCHUNGS CIE. TRANS-
LATIONAL CANCER RESEARCH
GMBH [DE/DE]; Grimmaische Strasse
2-4, 04109 Leipzig (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KEPLER, Bernhard [DE/DE];
Luisenstrasse 35, 68766 Hockenheim (DE).

(74) GRÜNECKER, KINKELDEY, STOCK-
MAIR & SCHWANHÄUSSER; Maximil-
ianstrasse 58, 80538 München (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 C07F 7/04, A61K 31/695, A61P 35/00

(11) WO 02/076994 (13) A1

(21) PCT/EP02/01654

(22) 15 Feb/fév 2002 (15.02.2002)

(25) de (26) de

(30) 101 14 106.8 23 Mar/mar 2001 DE
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • TUMOR-INHIBITING SILICON COM-
POUNDS
• COMPOSES DU SILICIUM INHIBI-
TEURS DE TUMEURS

(71) FAUSTUS FORSCHUNGS CIE. TRANS-
LATIONAL CANCER RESEARCH

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(72, 75) KEPLER, Bernhard [DE/DE];
Luisenstrasse 35, 68766 Hockenheim (DE).

(74) GRÜNECKER, KINKELDEY, STOCK-
MAIR & SCHWANHÄUSSER; Maximil-
ianstrasse 58, 80538 München (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 C07F 9/09, A61K 31/661, 31/137, A61P
31/00, 17/00, C07C 225/16, 271/16, 217/64,
A61P 19/00

(11) WO 02/076995 (13) A2

(21) PCT/EP02/03389

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 0107506.8 26 Mar/mar 2001 GB
(26.03.2001)

(30) 0107507.6 26 Mar/mar 2001 GB
(26.03.2001)

(30) 0108346.8 3 Apr/avr 2001 GB
(03.04.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • 2-AMINO-PROPANOL DERIVATIVES
• DERIVES DE 2-AMINO-PROPANOL

(71) NOVARTIS AG [CH/CH]; Lichtstasse 35,
CH-4056 Basel (CH).
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les États désignés sauf AT US)

(71) NOVARTIS-ERFINDUNGEN VER-
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(only for / seulement pour AT)

(72, 75) ALBERT, Rainer [AT/CH]; Warten-
bergstrasse 21, CH-4052 Basel (CH). BAUM-
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Sternwaldstrasse 31, 79102 Freiburg (DE).
COTTENS, Sylvain [CH/CH]; Trauben-
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GEORGIOU, Christos [FR/FR]; 25b, rue
de Castelnaud, F-68400 Riedisheim (FR).
PRIESCHL-STRASSMAYR, Eva, Erika
[AT/AT]; Margareten Guertel 38-40, A-Wien
(AT). HINTERDING, Klaus [DE/DE]; Lör-
racherstrasse 92, 79595 Rümkingen (DE).

(74) GROS, Florent; Novartis AG, Corporate In-
tellectual Property, Patent & Trademark De-
partment, CH-4002 Basel (CH).

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

LK LT LU LV MA MD MK MN MX NO NZ
OM PH PL PT RO RU SE SG SI SK TJ TM
TN TR TT UA US UZ VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP
(AT BE CH CY DE DK ES FI FR GB GR IE
IT LU MC NL PT SE TR).

(51)⁷ C07F 9/50, 9/52, 9/48, C07C 45/50, B01J
31/24

(11) WO 02/076996 (13) A1

(21) PCT/EP02/02989

(22) 19 Mar/mar 2002 (19.03.2002)

(25) de (26) de

(30) 101 14 868.2 26 Mar/mar 2001 DE
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • METHOD FOR PRODUCING DIPHOS-
PHINES AND THE USE THEREOF
• PROCEDE DE PRODUCTION DE DI-
PHOSPHINES ET LEUR UTILISATION

(71) OXENO OLEFINCHEMIE GMBH
[DE/DE]; Paul-Baumann-Strasse 1, 45772
Marl (DE).
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les États désignés sauf US)

(72, 75) JACKSTELL, Ralf [DE/DE]; Luther-
strasse 26, 06886 Wittenberg (DE). KLEIN,
Holger [DE/DE]; Mozartstrasse 33, 18069
Rockstock (DE). BELLER, Matthias
[DE/DE]; Bernsteinweg 16, 18119 Rostock
(DE). WIESE, Klaus-Diether [DE/DE];
Tuchmacherweg 8, 45721 Haltern (DE).
BORGSMANN, Cornelia [DE/DE]; Reitzen-
steinstrasse 8, 45657 Recklinghausen (DE).

(74) OXENO OLEFINCHEMIE GMBH;
Intellectual Property Management,
Patente-Marken, Bau 1042 - PB 15, 45764
Marl (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 C07F 9/50, 17/02, C07C 29/145

(11) WO 02/076997 (13) A1

(21) PCT/EP02/00808

(22) 25 Jan/jan 2002 (25.01.2002)

(25) de (26) de

(30) 101 05 104.2 5 Feb/fév 2001 DE
(05.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • METHOD FOR PRODUCING
NON-CHIRAL ORGANIC COM-
POUNDS CONTAINING OPTICALLY
ACTIVE HYDROXY GROUPS
• PROCEDE DE PREPARATION DE
COMPOSES ORGANIQUES NON CHI-
RAUX CONTENANT DES GROUPES
HYDROXY OPTIQUEMENT ACTIFS

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARLT, Dieter** [DE/DE]; Papenhauser Str. 10, 32657 Lemgo (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 VN YU ZA ZM ZW.

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

Declaration / Déclaration :

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

(51)⁷ C07F 15/00

(11) **WO 02/076998** (13) A2

(21) PCT/EP02/03256

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

(25) en (26) en

(30) **TS2001A000008 22 Mar/mar 2001 IT (22.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **NEW ANIONIC AND NEUTRAL COMPLEXES OF RUTHENIUM (II) WITH NITROGEN OXIDE**

• **NOUVEAUX COMPLEXES ANIONIQUES ET NEUTRES DE RUTHENIUM (II) CONTENANT DE L'OXYDE D'AZOTE**

(71) **SIGEA S.R.L.** [IT/IT]; Padriciano 99, 34012 Trieste (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MESTRONI, Giovanni** [IT/IT]; Via S. Francesco 23, 34133 Trieste (IT). **ALESSIO, Enzo** [IT/IT]; Via Oriani 3, 34123 Trieste (IT). **SAVA, Gianni** [IT/IT]; Via F. G. de Guardi 2, 34143 Trieste (IT). **BERGAMO, Alberta** [IT/IT]; Strada di Guardiella, 3/1, I-34128 Trieste (IT).

(74) **GERVASI, Gemma**; Notarbartolo & Gervasi, Corso dei 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07F 17/00

(11) **WO 02/076999** (13) A1

(21) PCT/EP02/02831

(22) **14 Mar/mar 2002 (14.03.2002)**

(25) de (26) de

(30) **101 14 345.1 23 Mar/mar 2001 DE (23.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **CATALYSTS CHARACTERIZED BY A DONOR-ACCEPTOR INTERACTION**

• **CATALYSEURS PRESENTANT UNE INTERACTION DONNEUR-ACCEPTEUR**

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OSTOJA-STARZEWSKI, Karl-Heinz, Aleksander** [DE/DE]; Jeschkenweg 10, 61118 Bad Vilbel (DE). **XIN, Bruce, S.** [JP/JP]; Suite 225, Aobadai Daini Apt., Tsutsujigaoka, Aoba-ku, Yokohama, 227 0055 (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 VN YU ZA ZM ZW.

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

Declaration / Déclaration :

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

(51)⁷ C07H

(11) **WO 02/077000** (13) A2

(21) PCT/IE02/00038

(22) **25 Mar/mar 2002 (25.03.2002)**

(25) en (26) en

(30) **S2001/0293 23 Mar/mar 2001 IE (23.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **MACROCYCLIC OLIGOSACCHARIDE DERIVATIVES WHICH FORM MANOSCALE ASSEMBLIES**

• **DERIVES MACROCYCLIQUES D'OLIGOSACCHARIDE FORMANT DES ENSEMBLES A UNE ECHELLE NANOMETRIQUE**

(71) **UNIVERSITY COLLEGE DUBLIN** [IE/IE]; National University of Ireland Dublin, Belfield, Dublin 4 (IE).

(72, 75) **DARCY, Raphael** [IE/IE]; 58 Clonard Drive, Dun Droma, Dublin 16 (IE). **RAVOO, Bart, Jan** [NL/IE]; c/o 58 Clonard Drive, Dun Droma, Dublin 16 (IE).

(74) **O'CONNOR, Donal, H.** et al. / etc.; Cruickshank & Co., 1 Holles Street, Dublin 2 (IE).

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

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

(51)⁷ C07H

(11) **WO 02/077001** (13) A2

(21) PCT/US02/07171

(22) **8 Mar/mar 2002 (08.03.2002)**

(25) en (26) en

(30) **09/802,803 9 Mar/mar 2001 US (09.03.2001)**

(30) **60/276,649 16 Mar/mar 2001 US (16.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **NOVEL RECEPTORS**

• **NOUVEAUX RECEPTEURS**

(71) **TULARIK INC.** [US/US]; Two Corporate Drive, South San Francisco, CA 94080 (US).
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(72, 75) **TIAN, Hui** [CN/US]; 1179 Foster City Blvd., Apartment No. 2, Foster City, CA 94404 (US). **ZHAO, Jiagang** [US/US]; 4860 Caminito Exquisito, San Diego, CA 92130 (US). **CHEN, Jin-Long** [—/US]; 101 Challenge Ct., Foster City, CA 94404 (US). **CUTLER, Gene** [US/US]; 1158 Page Street, Apartment 7, San Francisco, CA 94117 (US).

(74) **LOCKYER, Jean, M.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th floor, San Francisco, CA 94111 (US).

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

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

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

(51)⁷ C07H

(11) WO 02/077002 (13) A2

(21) PCT/US02/08771

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/277,830 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYNTHESIS OF SELENIUM-DERIVATIZED NUCLEOSIDES, NUCLEOTIDES, PHOSPHORAMIDITES, TRIPHOSPHATES AND NUCLEIC ACIDS

• SYNTHESE D'ANALOGUES CONTENANT SELENIUM DE NUCLEOSIDES, NUCLEOTIDES, PHOSPHORAMIDITES, TRIPHOSPHATES ET ACIDES NUCLEIQUES

(71) RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK [US/US]; 30 West Broadway, 11th floor, New York, NY 10007 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUANG, Zhen [US/US]; 2900 Bedford Avenue, Brooklyn, NY 11210 (US).

(74) FEIT, Irving et al. / etc.; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).

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

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

(51)⁷ C07H 1/08, C07G 1/00, A61K 35/78

(11) WO 02/077003 (13) A1

(21) PCT/US02/08652

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/277,632 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROCESS FOR OBTAINING LIGNAN, PHARMACEUTICAL COMPOSITIONS AND USES THEREOF

• PROCEDE D'OBTENTION DE LA LIGNANE, DE COMPOSITIONS PHARMACEUTIQUES ET UTILISATIONS CORRESPONDANTES

(71, 72) SHUKLA, Rishi [IN/US]; 305 North Lincoln Ave #118, urbana, IL 61801 (US). HILALY, Ahmad [BD/US]; 3325 Branchwood Drive, Springfield, IL 62704 (US). MOORE, Kevin, M. [US/US]; 1510 Alexander Drive, Mount Zion, IL 62549 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07H 17/08, 15/26, A01N 43/22

(11) WO 02/077004 (13) A1

(21) PCT/US02/08572

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/277,546 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYNTHETIC DERIVATIVES OF 21-BUTENYL AND RELATED SPINOSYNS

• DERIVES SYNTHETIQUES DE 21-BUTENYLE ET SPINOSYNS APPARENTEES

(71) DOW AGROSCIENCES LLC [US/US]; 9330 Zionsville Road, Indianapolis, IN 46268 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CROUSE, Gary, D. [US/US]; 5069 East 146th Street, Noblesville, IN 46060 (US). HAHN, Donald, R. [US/US]; 575 West Pine Street, Zionsville, IN 46077 (US). GRAUPNER, Paul, R. [GB/US]; 12723 Wembly Road, Carmel, IN 46033 (US). GILBERT, Jeffrey, R. [US/US]; 5125 North Boulevard Place, Indianapolis, IN 46208 (US). LEWER, Paul [GB/US]; 8810 Dandy Creek Drive, Indianapolis, IN 46234 (US). BALCER, Jesse, L. [US/US]; 824 West 146th Street, Carmel, IN 46032 (US). ANZEVENO, Peter, B. [US/US]; 1240 Governors Lane, Zionsville, IN 46077 (US). DAEUBLE, John, F. [US/US]; 3462 Muirfield Way, Carmel, IN 46032 (US). OLIVER, M., Paige [US/US]; 8760 Running Creek Court, Indianapolis, IN 46268 (US). SPARKS, Thomas, C. [US/US]; 1322 Greenhills Road, Greenfield, IN 46140 (US).

(74) STUART, Donald, R.; Dow AgroSciences LLC, 9330 Zionsville Road, Indianapolis, IN 46268 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

Published / Publiée : (c)

Declarations / Déclarations :

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C07H 17/08, C12P 19/62, A01N 43/22

(11) WO 02/077005 (13) A1

(21) PCT/US02/08957

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/277,601 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PESTICIDAL SPINOSYN DERIVATIVES

• DERIVES DE SPINOSYNE PESTICIDES

(71) DOW AgroSciences LLC [US/US]; 9330 Zionsville Road, Indianapolis, IN 46268 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAHN, Donald, R. [US/US]; 575 West Pine Street, Zionsville, IN 46077 (US). BALCER, Jesse, L. [US/US]; 824 West 146th Street, Carmel, IN 46032 (US). LEWER, Paul [GB/US]; 8810 Dandy Creek Drive, Indianapolis, IN 46234 (US). GILBERT, Jeffrey, R. [US/US]; 5125 North Boulevard Place, Indianapolis, IN 46208 (US). GRAUPNER, Paul, R. [GB/US]; 12723 Wembly Road, Carmel, IN 46033 (US).

(74) STUART, Donald, R.; Dow AgroSciences LLC, 9330 Zionsville Road, Indianapolis, IN 46268 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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).

Declarations / Déclarations :

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C07H 21/02, 21/04, C12N 15/00, 15/09, 15/63, 15/70, 15/74, 1/20, 1/14, 1/16, 1/18,

5/04, 5/10, 5/00, 5/02, C12P 21/06, C07K 1/00, 2/00, 4/00, 5/00, 7/00, 14/00, 16/00, 17/00, A61K 38/00

- (11) **WO 02/077006** (13) A1
(21) PCT/US01/09229
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • BONE MORPHOGENIC PROTEIN POLYNUCLEOTIDES, POLYPEPTIDES, AND ANTIBODIES
• POLYNUCLEOTIDES, POLYPEPTIDES ET ANTICORPS DE PROTEINES DE LA MORPHOGENESE OSSEUSE
- (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) **YOUNG, Paul, E.** [US/US]; 122 Beckwith Street, Gaithersburg, MD 20878 (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 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).
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- (51)⁷ **C07J**
(11) **WO 02/077007** (13) A2
(21) PCT/DK02/00183
(22) **20 Mar/mar 2002 (20.03.2002)**
(25) en (26) en
(30) 60/299,831 **21 Mar/mar 2001 US (21.03.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • NOVEL FUSIDIC ACID DERIVATIVES
• NOUVEAUX DERIVES DE L'ACIDE FUSIDIQUE
- (71) **LEO PHARMA A/S** [DK/DK]; Industriparken 55, DK-2750 Ballerup (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DUVOLD, Tore** [NO/DK]; Bille Brahes Vej 12, 3.tv, DK-1963 Frederiksberg C (DK).
- (74) **CONRAD, Lars, Sparre;** Patent Counsel, LEO Pharma A/S, Industriparken 55, DK-2750 Ballerup (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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.

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 **C07J 71/00, A61K 31/58, A61P 33/00, A23L 3/3544, 3/3562**

- (11) **WO 02/077008** (13) A1
(21) PCT/IN01/00051
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • A COMPOSITION CONTAINING NOVEL COMPOUND CORNICULATONIN HAVING ANTIFUNGI PROPERTIES AND A PROCESS FOR PREPARING THE SAME
• COMPOSITION CONTENANT UN NOUVEAU COMPOSE CORNICULATONINE AYANT DES PROPRIETES ANTIFONGIQUES ET SON PROCEDE DE PREPARATION

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

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(72, 75) **WAHIDULLAH, Solimabi** [IN/IN]; National Institute of Oceanography, Dona Paula, Goa 403 004 (IN). **BHOSAK, Siddharth, Hariba** [IN/IN]; National Institute of Oceanography, Dona Paula, Goa 403 004 (IN). **D'SOUZA, Maria, Lisette, De,** [IN/IN]; National Institute of Oceanography, Dona Paula, Goa 403 004 (IN).

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

(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 GW ML MR NE SN TD TG).

(51)⁷ **C07K**

- (11) **WO 02/077009** (13) A2
(21) PCT/US02/11173
(22) **27 Mar/mar 2002 (27.03.2002)**
(25) en (26) en
(30) 60/279,374 **27 Mar/mar 2001 US (27.03.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • POLYPEPTIDES HAVING GAMMA-GLUTAMYL TRANSPEPTIDASE ACTIVITY AND NUCLEIC ACIDS ENCODING SAME

• POLYPEPTIDES AYANT UNE ACTIVITE DE GAMMA GLUTAMYL-TRANSPEPTIDASE ET ACIDES NUCLEIQUES LES CODANT

(71) **NOVOZYMES BIOTECH, INC.** [US/US]; 1445 Drew Avenue, Davis, CA 95616 (US).

(72) **BEHR, Regine;** 1017 Danielle Drive, Roseville, CA 95747 (US). **SLOMA, Alan;** 849 Donovan Court, Davis, CA 95616 (US).

(74) **STARNES, Robert;** Novozymes Biotech, Inc., 1445 Drew Avenue, Davis, CA 95616 (US).

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

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

(51)⁷ **C07K**

- (11) **WO 02/077010** (13) A2
(21) PCT/US02/00401
(22) **10 Jan/jan 2002 (10.01.2002)**
(25) en (26) en
(30) 60/260,523 **10 Jan/jan 2001 US (10.01.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD OF PREVENTING T CELL-MEDIATED RESPONSES BY THE USE OF THE MAJOR HISTOCOMPATIBILITY COMPLEX CLASS II ANALOG PROTEIN (MAP PROTEIN) FROM STAPHYLOCOCCUS AUREUS
• METHODES DESTINEES A PREVENIR LES REponses INDUITES PAR LES LYMPHOCYTES T AU MOYEN D'UNE PROTEINE ANALOGUE DE CLASSE II A COMPLEXE MAJEUR D'HISTOCOMPATILITE (PROTEINE MAP) ISSUE DE <I>STAPHYLOCOCCUS AUREUS</I>

(71) **THE TEXAS A & M UNIVERSITY SYSTEM** [US/US]; 310 Wisenbaker, College Station, TX (US).

(72) **BROWN, Eric, N.;** The Texas A & M University System, 310 Wisenbaker, College Station, TX (US). **LEE, Lawrence, Y.;** The Texas A & M University System, 310 Wisenbaker, College Station, TX (US). **HOOK, Magnus;** 4235 Oberlin, Houston, TX 77005 (US).

(74) **SCHULMAN, B., Aaron;** Larson & Taylor, PLC, Suite 900, 1199 North Fairfax 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C07K

(11) WO 02/077011 (13) A2

(21) PCT/US02/07374

(22) 11 Mar/mar 2002 (11.03.2002)

(25) en (26) en

(30) 60/275,200 12 Mar/mar 2001 US (12.03.2001)

(30) 60/293,427 23 May/mai 2001 US (23.05.2001)

(30) 60/302,894 3 Jul/juil 2001 US (03.07.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • OXIDATION-REDUCTION SENSITIVE GREEN FLUORESCENT PROTEIN VARIANTS

• VARIANTS PROTEIQUES VERT FLUORESCENT, SENSIBLES A L'OXYDO-REDUCTION

(71) THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF THE UNIVERSITY OF OREGON [US/US]; Office of Technology Transfer, 1238 University of Oregon, Eugene, OR 97403 (US).

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(72, 75) REMINGTON, James, S. [US/US]; 2100 River Loop 1, Eugene, OR 97404 (US). HANSON, George, T. [US/US]; 1101 Morrairie View Drive, Madison, WI 53719-3019 (US).

(74) HARDING, Tanya, M.; 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07K

(11) WO 02/077012 (13) A2

(21) PCT/US02/09261

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,520 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HUMAN PAPILLOMA VIRUS IMMUNOREACTIVE PEPTIDES

• PEPTIDES IMMUNOREACTIFS DU PAPILLOMAVIRUS HUMAIN

(63) US 60/278,520 (CON)
23 Mar/mar 2001 (23.03.2001)

(71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA, represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; National Institutes of Health, Office of Technology Transfer, Suite 325, 6011 Executive Boulevard, Rockville, MD 20852-3804 (US).

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(72, 75) KHLEIF, Samir, N. [US/US]; 13408 Hathaway Drive, Silver Spring, MD 20906 (US). BERZOFKY, Jay, A. [US/US]; 5908 Bradley Boulevard, Bethesda, MD 20814-1107 (US).

(74) SPRATT, Gwendolyn, D. et al. / etc.; Needle & Rosenberg, P.C., 127 Peachtree Street, N.E., suite 1200, 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 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 C07K

(11) WO 02/077013 (13) A2

(21) PCT/US02/09370

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/278,650 27 Mar/mar 2001 US (27.03.2001)

(30) 09/950,082 12 Sep/sep 2001 US (12.09.2001)

(30) 09/950,083 12 Sep/sep 2001 US (12.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(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 EE ES FI GB GD GE GH GM HR

HU ID IL IN 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 C07K 1/00, 2/00, 4/00, 5/00, 7/00, 14/00, 16/00, 17/00

(11) WO 02/077014 (13) A1

(21) PCT/US02/08837

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 09/815,048 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HUMAN LANOSTEROL SYNTHASE, NUCLEIC ACID MOLECULES ENCODING THE SAME, AND USES THEREOF

• SYNTHASE DU LANOSTEROL HUMAIN, MOLECULES D'ACIDE NUCLEIQUE LE CODANT ET SES UTILISATIONS

(71) PE CORPORATION (NY) [US/US]; 761 Main Avenue, Norwalk, CT 06859 (US).

(72) WEI, Ming-Hui; Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). YAN, Chunhua; Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). DI FRANCESCO, Valentina; Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). BEASLEY, Ellen, M.; 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07K 1/00, 16/00, C12P 21/06, C07H 21/02, 21/04, C12N 15/00, A01K 67/00

(11) WO 02/077015 (13) A1

(21) PCT/US02/09083

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/816,087 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ISOLATED HUMAN G-PROTEIN COUPLED RECEPTORS, NUCLEIC

ACID MOLECULES ENCODING HUMAN GPCR PROTEINS, AND USES THEREOF

- RECEPTEURS COUPLES A DES PROTEINES G (GPCR) HUMAINES ISOLEES, MOLECULES D'ACIDES NUCLEIQUES CODANT POUR LESDITS RECEPTEURS ET LEURS UTILISATIONS

(71) PE CORPORATION (NY) [US/US]; 761 Main Avenue, Norwalk, CT 06859 (US).

(72) WEI, Ming-Hui; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). SHAO, Wei; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). ZHAO, Qi; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). DI FRANCESCO, Valentina; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). BEASLEY, Ellen, M.; c/o 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07K 1/36

(11) WO 02/077016 (13) A2

(21) PCT/EP02/03368

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,171 22 Mar/mar 2001 US (22.03.2001)

(30) 60/318,749 12 Sep/sep 2001 US (12.09.2001)

(30) 60/323,999 20 Sep/sep 2001 US (20.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS AND APPARATUS FOR GEL-FREE QUALITATIVE AND QUANTITATIVE PROTEOME ANALYSIS, AND USES THEREFORE

- PROCEDES ET APPAREILS DESTINES A UNE ANALYSE QUALITATIVE ET QUANTITATIVE SANS GEL DU PROTEOME ET UTILISATIONS ASSOCIEES

(71) VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE VZW [BE/BE]; Rijvisschestraat 120, B-9052 Zwijnaarde (BE).

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(72, 75) VANDEKERCKHOVE, Joël [BE/BE]; Rode Beukendreef 27, B-8210 Loppem (BE). GEVAERT, Kris [BE/BE]; Narcislaan 179, B-9240 Zele (BE).

(74) VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE VZW; Rijvisschestraat 120, B-9052 Zwijnaarde (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 CH CY DE DK ES FI FR GB GR IE IT 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 C07K 7/00

(11) WO 02/077017 (13) A2

(21) PCT/US02/05773

(22) 22 Feb/fév 2002 (22.02.2002)

(25) en (26) en

(30) PCT/DK01/00127 22 Feb/fév 2001 DK (22.02.2001)

(30) 09/792,286 22 Feb/fév 2001 US (22.02.2001)

(30) 60/314,470 23 Aug/août 2001 US (23.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NEW MEDICAL USES OF INTERCELLULAR COMMUNICATION FACILITATING COMPOUNDS

- NOUVELLES UTILISATIONS MEDICALES DE COMPOSES FACILITANT LA COMMUNICATION

(63) US Not furnished / non communiqué (CIP)
Not furnished / non communiqué

(71) ZEALAND PHARMACEUTICAL A/S [DK/DK]; Smedeland 26B, DK-2600 Glostrup (DK).

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

(72, 75) LARSEN, Bjarne, Due [DK/DK]; Arildsgaard 5, 1. Th., DK-2700 Bronshøj (DK). PETERSEN, Jorgen, Soberg [DK/DK]; Springbanen 31, 2. 1, DK-2820 Gentofte (DK). MEIER, Eddie [DK/DK]; Bringebakken 18, DK-3500 Værløse (DK). KJOLBYE, Anne, Louise [DK/DK]; Ndr. Fasanvej 269, 2. tv., DK-2200 København N (DK). JORGENSEN, Niklas, Rye [DK/DK]; Seedorffsvaenge 8, 3. tv., DK-2000 Frederiksberg (DK). NIELSEN, Morten, Schak [DK/DK]; Nannagade 16, DK-2200 København N (DK). HOLSTEIN-RATHLOU, Niels-Henrik [DK/DK]; Sonderhavevej 10B, DK-2730 Herlev (DK). MARTINS, James, B. [US/US]; 31 Bedford Court, Iowa City, IA 52240 (US).

(74) BUCHANAN, Robert, L. et al. / etc.; Edwards & Angell, LLP, P.O. Box 9169, Boston, MA 02209 (US).

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

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C07K 14/00, 19/00, C12N 15/00, 15/63, G01N 33/53

(11) WO 02/077018 (13) A1

(21) PCT/EP01/11846

(22) 12 Oct/oct 2001 (12.10.2001)

(25) en (26) en

(30) 101 13 776.1 21 Mar/mar 2001 DE (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SEQUENTIALLY ARRANGED STREPTAVIDIN-BINDING MODULES AS AFFINITY TAGS

- MODULES DE LIAISON AVEC LA STREPTAVIDINE DISPOSES DE MANIERE SEQUENTIELLE, UTILISES COMME ETIQUETTES D'AFFINITE

(71) IBA GMBH [DE/DE]; Rudolf-Wissell-Str. 28, 37079 Göttingen (DE).

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(72, 75) SCHMIDT, Thomas [DE/DE]; An der Gärtnerei 3, 37139 Adelebsen (DE).

(74) VIERING, JENTSCHURA & PARTNER; Steinsdorfstr. 6, 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 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 C07K 14/00, A61K 38/00

(11) WO 02/077019 (13) A1

(21) PCT/US02/09382

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,244 23 Mar/mar 2001 US (23.03.2001)

(30) 60/278,245 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS AND COMPOSITIONS FOR MODULATING TUMOR SUPPRESSION

- PROCEDES ET COMPOSITIONS MODULANT LA SUPPRESSION DES TUMEURS

(71) **DANA FARBER CANCER INSTITUTE** [US/US]; 44 Binney Street, Boston, MA 02115 (US).

(72) **NAKATANI, Yoshihiro**; 28 Conant Road, Brookline, MA 02467 (US).

(74) **MORANO, Elizabeth, P. et al.** / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110-1618 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C07K 14/195

(11) WO 02/077020 (13) A2

(21) PCT/GB02/01305

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(30) 0107234.7 22 Mar/mar 2001 GB (22.03.2001)

(30) 0107360.0 23 Mar/mar 2001 GB (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • VIRULENCE GENES IN H. INFLUENZA-E

• GENES DE VIRULENCE DANS H. INFLUENZA-E

(71) **ISIS INNOVATION LIMITED** [GB/GB]; University Offices, Wellington Square, Oxford OX1 2JD (GB).

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(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C07K 14/195

(11) WO 02/077021 (13) A2

(21) PCT/IB02/02163

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 0107658.7 27 Mar/mar 2001 GB (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • STREPTOCOCCUS PNEUMONIAE PROTEINS AND NUCLEIC ACIDS

• PROTEINES ET ACIDES NUCLEIQUES DE STREPTOCOCCUS PNEUMONIAE

(71) **CHIRON SPA** [IT/IT]; Via Fiorentina 1, I-53100 Siena (IT). **THE INSTITUTE FOR GENOMIC RESEARCH** [US/US]; 9712 Medical Center Drive, Rockville, MD 20850 (US).

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(72, 75) **MASIGNANI, Vega** [IT/IT]; Chiron S.p.A., Via Fiorentina 1, I-53100 Siena (IT). **TETTELIN, Hervé** [BE/US]; The Institute for Genomic Research, 9712 Medical Center Drive, Rockville, MD 20850 (US). **FRASER, Claire** [US/US]; The Institute for Genomic Research, 9712 Medical Center Drive, Rockville, MD 20850 (US).

(74) **HALLYBONE, Huw, George et al.** / etc.; Carpmals & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 : (q2)

(51)⁷ C07K 14/205, G01N 33/569, A61K 39/106

(11) WO 02/077022 (13) A1

(21) PCT/SE02/00535

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 0101030-5 23 Mar/mar 2001 SE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMMUNOGENIC CELL SURFACE PROTEINS OF HELICOBACTER PYLORI

• PROTEINES DE SURFACE IMMUNOGENIQUES DE HELICOBACTER PYLORI

(71) **NORDIC BIO AB** [SE/SE]; Rektorsvägen 7, S-224 67 Lund (SE).

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(74) **STOCKHOLMS PATENTBYRÅ ZACCO AB**; P.O. Box 23101, Sveavägen 170, S-104 35 Stockholm (SE).

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

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

(51)⁷ C07K 14/435

(11) WO 02/077023 (13) A2

(21) PCT/CH02/00063

(22) 1 Feb/fév 2002 (01.02.2002)

(25) en (26) en

(30) 60/277,976 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A NEW ESSENTIAL DOWNSTREAM COMPONENT OF THE WINGLESS SIGNALLING PATHWAY

• UN NOUVEAU COMPOSANT AVAL ESSENTIEL DU CHEMIN DE SIGNALISATION DES APTÈRES

(71) **UNIVERSITÄT ZÜRICH** [CH/CH]; Rämistrasse 71, CH-8006 Zürich (CH).

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(74) **LIEBETANZ, Michael**; Isler & Pedrazzini AG, Postfach 6940, CH-8023 Zürich (CH).

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

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

FI FR GB GR IE 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 :

(t) for all designations / pour toutes les
designations

(51)⁷ C07K 14/435, 7/06, 4/08, 2/00, C07H
21/00, C12N 15/63, 15/85, A61K 38/02,
38/03, 38/08, 38/10, 38/16, A23J 1/04

(11) WO 02/077024 (13) A1

(21) PCT/NZ02/00044

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 510782 27 Mar/mar 2001 NZ
(27.03.2001)

(30) 512463 19 Jun/juin 2001 NZ
(19.06.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SHELLFISH PROTEIN
• PROTÉINE DE COQUILLAGE

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(74) GRIFFITHS, Teresa, V. et al. / etc.; A J
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Box 949, 6015 Wellington (NZ).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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), (q2)

(51)⁷ C07K 14/47, A61K 38/17

(11) WO 02/077025 (13) A1

(21) PCT/GR01/00014

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PEPTIDE ANALOGUES OF MYELIN
BASIC PROTEIN EPITOPES IN THE
TREATMENT OF EXPERIMENTAL
AUTOIMMUNE ENCEPHALOMYELI-
TIS (EAE) AND MULTIPLE SCLERO-
SIS (MS)

• ANALOGUES PEPTIDIQUES D'ÉPI-
TOPES DE PROTÉINE DE BASE DE

MYELINE INTERVENANT DANS LE
TRAITEMENT DE L'ENCEPHALO-
MYELITE AUTO-IMMUNE EXPERI-
MENTALE (EAE) ET DE LA SCLEROSE
EN PLAQUES

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(74) MATSOUKAS, John; Department of Chem-
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(GR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 C07K 14/47

(11) WO 02/077026 (13) A2

(21) PCT/IB02/01737

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) PCT/IB01/00546 22 Mar/mar 2001 IB
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • GENE INVOLVED IN V(D)J RECOMBI-
NATION AND/OR DNA REPAIR
• GÈNE IMPLIQUÉ DANS LA RECOM-
BINAISON V(D)J ET/OU LA RÉPARA-
TION DE L'ADN

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 C07K 14/475, C12N 15/00

(11) WO 02/077027 (13) A1

(21) PCT/US01/09561

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/191,532 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HUMAN STRA6-LIKE PROTEIN AND
NUCLEIC ACIDS ENCODING THE
SAME

• PROTÉINE HUMAINE DE TYPE
STRA6 ET ACIDES NUCLEIQUES
CODANT CETTE PROTÉINE

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(74) RAUCH, Paul, E.; Brinks Hofer Gilson &
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(US).

(81) 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).

Published / Publiée : (c)

(51)⁷ C07K 14/52, C12N 15/00

(11) WO 02/077028 (13) A1

(21) PCT/US01/09552

(22) 22 Mar/mar 2001 (22.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • POLYPEPTIDES AND NUCLEIC
ACIDS FOR BOLEKINE

• POLYPEPTIDES ET ACIDES NU-
CLEIQUES POUR BOLEKINE

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(74) **CARPENTER, David, A.** et al. / etc.; Genentech, Inc., MS49, 1 DNA Way, South San Francisco, CA 94080-4990 (US).

(81) 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 CH CY 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 C07K 14/705

(11) WO 02/077029 (13) A2

(21) PCT/US01/42997

(22) 7 Nov/nov 2001 (07.11.2001)

(25) en (26) en

(30) 60/246,117 7 Nov/nov 2000 US (07.11.2000)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CD19-SPECIFIC REDIRECTED IMMUNE CELLS

• CELLULES IMMUNITAIRES SPECIFIQUES A CD19 REDIRIGÉES

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(74) **FIGG, E., Anthony** et al. / etc.; Rothwell, Figg, Ernst & Manbeck, P.C., Suite 701-E, 555 13th Street, N.W., Washington, DC 20004 (US).

(81) AU 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 C07K 14/74

(11) WO 02/077030 (13) A2

(21) PCT/GB02/01499

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 0107628.0 27 Mar/mar 2001 GB (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SUBSTANCES

• SUBSTANCES

(71) **AVIDEX LIMITED** [GB/GB]; 57c Milton Park, Abingdon, Oxon OX14 4RX (GB). (for all designated States except / pour tous les États désignés sauf US)

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

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

(51)⁷ C07K 14/745, G01N 33/86, C07K 1/22, A61K 38/36, 38/48, A61P 7/02, 43/00

(11) WO 02/077031 (13) A1

(21) PCT/JP02/02594

(22) 19 Mar/mar 2002 (19.03.2002)

(25) ja (26) ja

(30) 2001-79469 19 Mar/mar 2001 JP (19.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • THROMBIN DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, ANHYDROTHROMBIN DERIVATIVES AND PROCESS FOR PRODUCING THE SAME, PLATELET AGGLUTINATION-INDUCING COMPOSITIONS, METHOD OF INDUCING PLATELET AGGLUTINATION, CLINICAL TEST REAGENTS, CLINICAL TEST METHOD, THROMBOSIS INHIBITORS, ADSORBENT AND PROCESS FOR PRODUCING THE SAME,

• DERIVES DE THROMBINE, D'ANHYDROTHROMBINE ET LEUR PROCÉDE DE PRODUCTION, COMPOSITIONS ET PROCÉDE INDUISANT L'AGREGATION PLAQUETTAIRE, PROCÉDE ET REACTIFS DE TEST CLINIQUE, INHIBITEURS DE THROMBOSE, ADSORBANT ET SON PROCÉDE DE PRODUCTION ET PROCÉDE DE PRODUCTION DU FACTEUR VIII PURIFIÉ DE COAGULATION SANGUINE

(71) **FUJIMORI KOGYO CO., LTD.** [JP/JP]; 4-16, Nihonbashibakurocho 1-chome, Chuo-ku, Tokyo 103-0002 (JP). **CHISSO CORPORATION** [JP/JP]; 6-32, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (JP). (for all designated States except / pour tous les États désignés sauf US)

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(74) **HATTA, Mikio** et al. / etc.; Dia Palace Nibancho, 11-9, Nibancho, Chiyoda-ku, Tokyo 102-0084 (JP).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C07K 16/00, A61K 39/395

(11) WO 02/077032 (13) A1

(21) PCT/US02/09249

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/278,425 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ANTIBODIES THAT DISSOLVE ARTERIAL THROMBI

• ANTICORPS DISSOLVANT LES THROMBI ARTERIELS

(71) **NEW YORK UNIVERSITY** [US/US]; 70 Washington Square South, New York, NY 10012 (US).

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(72, 75) **KARPATKIN, Simon** [US/US]; 200 East End Avenue #12i, New York, NY 10028 (US). **NARDI, Michael** [US/US]; 69 West 9th Street #7F, New York, NY 10011 (US).

(74) **BROWDY AND NEIMARK, P.L.L.C.** et al. / etc.; 624 Ninth Street N.W., Suite 300, Washington, DC 20001-5303 (US).

(81) AU CA JP US.

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

Published / Publiée : (c)

(51)⁷ C07K 16/30, 14/735, 14/725, 14/715, A61K 38/18, 38/48, 39/395, 39/02, A61P 35/00

(11) WO 02/077033 (13) A1

(21) PCT/AU02/00362

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) PR 3958 26 Mar/mar 2001 AU (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ANTIBODIES AGAINST CANCER

• ANTICORPS CONTRE LE CANCER

(71) **THE AUSTIN RESEARCH INSTITUTE** [AU/AU]; Kronheimer Building A & RMC, Studley Road, Heidelberg, Victoria 3084 (AU). **XING, Pie-Xiang** [AU/AU]; 31 Shakespeare Grove, Heidelberg Heights, Victoria 3081 (AU).

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(72, 75) **MCKENZIE, Ian, Farquar, Campbell** [AU/AU]; 359 Brunswick Road, West Brunswick, Victoria 3055 (AU).

(74) **BLAKE DAWSON WALDRON PATENT SERVICES**; Level 39, 101 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 C07U
(11) WO 02/077034 (13) A2
(21) PCT/EP02/01171
(22) 5 Feb/fév 2002 (05.02.2002)
(25) en (26) en
(30) 01102617.6 6 Feb/fév 2001 EP
(06.02.2001)
(30) 01103954.2 19 Feb/fév 2001 EP
(19.02.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MODIFIED GRANULOCYTE COLONY
STIMULATING FACTOR (G-CSF)
WITH REDUCED IMMUNOGENIC-
ITY
• FACTEUR DE CROISSANCE DE CO-
LONIES DE GRANULOCYTES MO-
DIFIÉ (FCS_G) A POUVOIR ANTIGE-
NIQUE REDUIT
- (71) MERK PATENT GMBH [DE/DE]; Frank-
furter Strasse 250, 64293 Darmstadt (DE).
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les États désignés sauf US)*
- (72, 75) CARR, Francis, J. [GB/GB]; Birch-
lea, The Holdings, Balmedie, Aberdeens-
hire AB23 8XU (GB). CARTER, Graham
[GB/GB]; Longhills Cottage, By Newmachar,
Aberdeenshire AB21 7XB (GB). JONES,
Tim [GB/GB]; 27 Brick Row, Babraham,
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Auchleven, Inch, Aberdeenshire AB52 6QD
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- (74) MERK 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 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).
- Published / Publiée : (c)
Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ C08F
(11) WO 02/077036 (13) A2
(21) PCT/US02/08614
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 60/277,705 21 Mar/mar 2001 US
(21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • RECOMBINANT PRODUCTION OF
POLYANIONIC POLYMERS, AND
USES THEREOF
• PRODUCTION RECOMBINANTE DE
POLYMERES POLYANIONIQUES, ET
LEURS UTILISATIONS
- (71, 72) LEUNG, David, W. [US/US]; 7625 East
Mercer Way, Mercer Island, WA 98040 (US).
- (72, 75) BERGMAN, Philip, A. [US/US];
22703 58th Avenue West, Mountlake Ter-
race, WA 98043 (US). LOFQUIST, Alan
[US/US]; 9422 NE 130th Place, Kirkland,
WA 98034 (US). PIETZ, Gregory, E.
[US/US]; 1700 NW 64th Street, 101, Seattle,
WA 98107 (US). TOMPKINS, Christopher,
K. [US/US]; 17660 86th Avenue, N.E., Both-
ell, WA 98011 (US). WAGGONER, David,
W., JR. [US/US]; 4319 30th Avenue West,
Seattle, WA 98199 (US).
- (74) BENT, Stephen, A. et al. / etc.; Foley
& Lardner, Washington Harbour, 3000 K
Street, N.W., Suite 500, Washington, DC
20007-5143 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 C08F
(11) WO 02/077037 (13) A2
(21) PCT/US02/08997
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 60/277,887 22 Mar/mar 2001 US
(22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • BIARYL MONOMERS AND DEN-
DRITIC POLYMERS DERIVED
THEREFROM
• MONOMERES BIARYLES ET POLY-
MERES DENDRITIQUES DERIVES
- (71) THE ADMINISTRATORS OF THE TU-
LANE EDUCATIONAL FUND [US/US];
1430 Tulane Avenue, New Orleans, LA
70112-2699 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) THAYUMANAVAN, Sankaran
[IN/US]; 7330 Sycamore Street, New Or-
leans, LA 70018 (US).
- (74) OLSON, Arne, M. et al. / etc.; Olson & Hi-
erl, Ltd., 20 North Wacker Drive, 36th Floor,
Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 C08F 2/38, 8/00
(11) WO 02/077038 (13) A2
(21) PCT/US02/08866
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 09/814,034 21 Mar/mar 2001 US
(21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • LOW ODOR INSULATION BINDER
FROM PHOSPHITE TERMINATED
POLYACRYLIC ACID
-
- (51)⁷ C08B 30/14, A01C 1/06, A61K 9/28, 9/48,
A23B 7/16, 9/14, A23G 3/00, A61K 7/16,
9/00
(11) WO 02/077035 (13) A1
(21) PCT/FR02/01031
(22) 25 Mar/mar 2002 (25.03.2002)
(25) fr (26) fr

- LIANT D'ISOLATION PEU ODORANT ISSU D'ACIDE POLYACRYLIQUE A TERMINAISON PHOSPHITE
- (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) CHEN, Liang [US/US]; 7292 Halcyon Place, New Albany, OH 43054 (US). DOWNEY, William [US/US]; 2736 James Road, Granville, OH 43023 (US).
- (74) BARNES, Stephen, W. 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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 8/00, B01J 20/26
- (11) WO 02/077039 (13) A1
- (21) PCT/JP02/02382
- (22) 13 Mar/mar 2002 (13.03.2002)
- (25) ja (26) ja
- (30) 2001-071223 13 Mar/mar 2001 JP (13.03.2001)
- (30) 2001-071075 13 Mar/mar 2001 JP (13.03.2001)
- (30) 2001-071076 13 Mar/mar 2001 JP (13.03.2001)
- (30) 2001-071221 13 Mar/mar 2001 JP (13.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ELECTROLYTE SOLUTION ABSORBENT AND METHOD OF MANUFACTURING THE ABSORBENT
- ABSORBANT A BASE DE SOLUTION D'ELECTROLYTE ET PROCEDE DE FABRICATION DE CET ABSORBANT
- (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) INAGAKI, Yasuhito [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). WATANABE, Haruo [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) KOIKE, Akira et al. / etc.; No.11 Mori Bldg., 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN 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 C08F 8/44
- (11) WO 02/077040 (13) A2
- (21) PCT/US02/04905
- (22) 19 Feb/fév 2002 (19.02.2002)
- (25) en (26) en
- (30) 09/815,169 22 Mar/mar 2001 US (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • WATER-DISPERSIBLE, CATIONIC POLYMERS, A METHOD OF MAKING SAME AND ITEMS USING SAME
- POLYMERES CATIONIQUES DISPERSABLES DANS L'EAU, PROCEDE DE PRODUCTION CORRESPONDANT ET ARTICLES ASSOCIES
- (71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).
- (72) BRANHAM, Kelly, D.; 6661 Cross Road, Winneconne, WI 54986 (US). CHANG, Yihua; 14300 N.W. Greenwood Drive, Portland, OR 97229 (US). LANG, Frederick, J.; 1541 Whitetail Drive, Neenah, WI 54956 (US). MCBRIDE, Erin; 333 Twelfth Street, Neenah, WI 54956 (US). BUNYARD, Clay; 1665 Delta Drive, Neenah, WI 54956 (US).
- (74) RICHARDS, Robert, E.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309 (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)
-
- (51)⁷ C08F 8/44
- (11) WO 02/077041 (13) A2
- (21) PCT/US02/04939
- (22) 19 Feb/fév 2002 (19.02.2002)
- (25) en (26) en
- (30) 09/815,243 22 Mar/mar 2001 US (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)

- (54) • WATER-DISPERSIBLE, CATIONIC POLYMERS, A METHOD OF MAKING SAME AND ITEMS USING SAME
- POLYMERES CATIONIQUES HYDROSOLUBLES, PROCEDE DE FABRICATION CORRESPONDANT ET ARTICLES UTILISANT CES POLYMERES
- (71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).
- (72) BRANHAM, Kelly, D.; 6661 Cross Road, Winneconne, WI 54986 (US). CHANG, Yihua; 14300 N.W. Greenwood Drive, Portland, OR 97229 (US). LANG, Frederick, J.; 1541 Whitetail Drive, Neenah, WI 54956 (US). MCBRIDE, Erin; 333 Twelfth Street, Neenah, WI 54956 (US). BUNYARD, Clay; 1665 Delta Drive, Neenah, WI 54956 (US).
- (74) RICHARDS, Robert, E. et al. / etc.; 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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C08F 8/44
- (11) WO 02/077042 (13) A2
- (21) PCT/US02/04942
- (22) 19 Feb/fév 2002 (19.02.2002)
- (25) en (26) en
- (30) 09/815,251 22 Mar/mar 2001 US (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • WATER-DISPERSIBLE, CATIONIC POLYMERS, A METHOD OF MAKING SAME AND ITEMS USING SAME
- POLYMERES CATIONIQUES HYDROSOLUBLES, PROCEDE DE FABRICATION CORRESPONDANT ET ARTICLES UTILISANT CES POLYMERES
- (71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).
- (72) CHANG, Yihua; 14300 N.W. Greenwood Drive, Portland, OR 97229 (US). LANG,

Frederick, J.; 1541 Whitetail Drive, Neenah, WI 54956 (US). BRANHAM, Kelly, D.; 6661 Cross Road, Winneconne, WI 54986 (US). MCBRIDE, Erin; 333 Twelfth Street, Neenah, WI 54956 (US).

(74) RICHARDS, Robert, E. et al. / etc.; 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C08F 14/02, 4/10, 2/38

(11) WO 02/077043 (13) A1

(21) PCT/US02/08951

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/278,114 23 Mar/mar 2001 US (23.03.2001)

(30) 09/893,201 27 Jun/juin 2001 US (27.06.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROCESS FOR THE LIVING RADICAL POLYMERIZATION OF CHLORINE CONTAINING MONOMERS

• PROCESSUS DE POLYMERISATION DU RADICAL VIVANT DE MONOMERES CONTENANT DU CHLORE

(71) UNIVERSITY OF PENNSYLVANIA [US/US]; 231 South 34th Street, Philadelphia, PA 19104-6323 (US).

(72) PERCEC, Virgil; 201 S. 25 th Street, Philadelphia, OH 19103-6001 (US). ASANDEI, Alex; 205 Vernon Avenue, Apt. 193, Vernon, CT 06066 (US).

(74) TYRPAK, Michele, M. et al. / etc.; Hudak & Shunk Co., L.P.A., Suite 808, 7 West Bowery Street, Akron, OH 44308 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C08F 20/00

(11) WO 02/077044 (13) A2

(21) PCT/GB02/01460

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 0107540.7 26 Mar/mar 2001 GB (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • POLYMER COMPOSITION

• COMPOSITION POLYMERE

(71) CONTAMAC LTD [GB/GB]; Bearwalden Business Park, Saffron Walden, Essex CB11 4JX (GB).

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

(72, 75) MAGNIN-ROBERT, Caroline [FR/GB]; c/o Contamac Ltd, Bearwalden Business Park, Saffron Walden, Essex CB11 4JX (GB). YOUNG, Richard [GB/GB]; c/o Contamac Ltd, Bearwalden Business Park, Saffron Walden, Essex CB11 4JX (GB). WEST, Jan [GB/GB]; c/o Contamac Ltd, Bearwalden Business Park, Saffron Walden, Essex CB11 4JX (GB). MCGREGOR, John [GB/GB]; c/o Contamac Ltd, Bearwalden Business Park, Saffron Walden, Essex CB11 4JX (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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C08F 210/18, 2/34, 2/44, 4/643

(11) WO 02/077045 (13) A2

(21) PCT/US02/06082

(22) 1 Mar/mar 2002 (01.03.2002)

(25) en (26) en

(30) 60/278,960 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • GAS PHASE PROCESS FOR POLYMERS WITH GROUP 4 METAL COMPLEX CATALYST ADDITION

• PROCESSUS EN PHASE GAZEUSE POUR POLYMERES AVEC ADJONCTION CATALYTIQUE DE COMPLEXE METALLIQUE DE GROUPE 4

(71) UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION [US/US]; 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).

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

(72, 75) BAI, Xinlai [US/US]; 2301 Spencer Street, Piscataway, NJ 08854 (US). CANN, Kevin, J. [US/US]; 31 Montgomery Avenue, Rocky Hill, NJ 08553 (US). APECETCHE, Maria, A. [AR/US]; 290 River Road, Apartment D-12, Piscataway, NJ 08854 (US). RAMAGE, David, L. [US/US]; 169 Indian Warrior Trail, N., Lake Jackson, TX 77566 (US). MURUGANANDAM, Natarajan [US/US]; 4 McIntire Drive, Belle Mead, NJ 08520 (US). SONG, Woo, Min [US/US]; 1504 Avalon Street, Midland, MI 48642 (US). SEN, Ardenhu [US/US]; 7 Kingsberry Drive, Somers, NJ 08873 (US). REBHAN, David, M. [US/US]; 428 Forest Drive, Lake Jackson, TX 77566 (US). FEDEC, Matthew, J. [US/US]; 340 Roxalana Hills Drive, Dunbar, WV 25064-1923 (US). WIDMAR, Albert, L. [US/US]; 3311 Kanawha Boulevard East, Charleston, WV 25306 (US).

(74) DELINE, Douglas, N.; 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 YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C08F 214/18

(11) WO 02/077046 (13) A2

(21) PCT/US02/05800

(22) 25 Feb/fév 2002 (25.02.2002)

(25) en (26) en

(30) 01201161.5 26 Mar/mar 2001 EP (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPROVED AQUEOUS EMULSION POLYMERIZATION PROCESS FOR PRODUCING FLUOROPOLYMERS

• PROCEDE AMELIORE DE POLYMERISATION EN EMULSION AQUEUSE POUR LA PRODUCTION DE FLUOROPOLYMERES

(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) KAULBACH, **Ralph** [DE/DE]; Fadingerstrasse 21, 84547 Emmerting (DE). MAYER, **Ludwig** [DE/DE]; Madlstrasse 8, 84508 Burgkirchen (DE).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C08F 220/20, C09D 4/02, 5/00, G11B 7/24

(11) WO 02/077047 (13) A1

(21) PCT/JP02/02754

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-89631 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ULTRAVIOLET-CURABLE COMPOSITION FOR OPTICAL DISK AND OPTICAL DISK

• COMPOSITION DURCISSABLE AUX ULTRA-VIOLETS POUR DISQUE OPTIQUE ET DISQUE OPTIQUE AINSI OBTENU

(71) DAINIPPON INK AND CHEMICALS, INC. [JP/JP]; 35-58, Sakashita 3-chome, Itabashi-ku, Tokyo 174-8520 (JP). ZEON CORPORATION [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8323 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAITO, **Hirokazu** [JP/JP]; 4-7-25-102, Hon-cho, Ageo-shi, Saitama 362-0014 (JP). MURAKAMI, **Kazuo** [JP/JP]; 5-5-5-8-407, Ischara-cho, Kawagoe-shi, Saitama 350-1108 (JP). TAKAHASHI, **Haruhiko** [JP/JP]; c/o Zeon Corporation, Research & Development Center, 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9507 (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ C08F 220/34, D21H 19/20, B05D 7/24, D21H 17/45, D04H 1/64, C11D 17/04

(11) WO 02/077048 (13) A2

(21) PCT/US02/04943

(22) 19 Feb/fév 2002 (19.02.2002)

(25) en (26) en

(30) 09/815,261 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • WATER-DISPERSIBLE, CATIONIC POLYMERS, A METHOD OF MAKING SAME AND ITEMS USING SAME

• POLYMERES CATIONIQUES POU-VANT SE DISPERSER DANS L'EAU ET PROCEDE DE FABRICATION DE CES DERNIERS ET ELEMENTS LES UTILISANT

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

(72) BRANHAM, **Kelly, D.**; 6661 Cross Road, Winneconne, WI 54986 (US). CHANG, **Yihua**; 14300 N.W. Greenwood Drive, Portland, OR 97229 (US). LANG, **Frederick, J.**; 1541 Whitetail Drive, Neenah, WI 54956 (US). MCBRIDE, **Erin**; 333 Twelfth Street, Neenah, WI 54956 (US). BUNYARD, **Clay**; 1665 Delta Drive, Neenah, WI 54956 (US).

(74) RICHARDS, **Robert, E.**; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309 (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 all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C08G 2/18, C08J 5/18, C08K 3/22, 5/3492, C08L 59/04

(11) WO 02/077049 (13) A1

(21) PCT/JP02/02920

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ja (26) ja

(30) 2001-90106 27 Mar/mar 2001 JP (27.03.2001)

(30) 2001-90107 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • POLYOXYMETHYLENE COPOLYMER AND MOLDED ARTICLE THEREOF

• COPOLYMERE POLYOXYMETHYLENE ET ARTICLE MOULE CORRESPONDANT

(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) NAKAMURA, **Takahiro** [JP/JP]; c/o Yokkaichi Plant, Mitsubishi, Gas Chemical Company, Inc., 4-16, Hinagahigashi

2-chome, Yokkaichi-shi, Mie 510-0886 (JP). FURUKAWA, **Masanori** [JP/JP]; c/o Yokkaichi Plant, Mitsubishi, Gas Chemical Company, Inc., 4-16, Hinagahigashi

2-chome, Yokkaichi-shi, Mie 510-0886 (JP). OKAMURA, **Akira** [JP/JP]; c/o Yokkaichi Plant, Mitsubishi, Gas Chemical Company, Inc., 4-16, Hinagahigashi

2-chome, Yokkaichi-shi, Mie 510-0886 (JP). NAKAYA, **Daigo** [JP/JP]; c/o Yokkaichi Plant, Mitsubishi, Gas Chemical Company, Inc., 4-16, Hinagahigashi 2-chome, Yokkaichi-shi, Mie 510-0886 (JP). MASUMOTO, **Isamu** [JP/JP]; c/o Yokkaichi Plant, Mitsubishi, Gas Chemical Company, Inc., 4-16, Hinagahigashi 2-chome, Yokkaichi-shi, Mie 510-0886 (JP).

(74) OHSHIMA, **Masataka**; Ohshima Patent Office, Fukuya Bldg., 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).

(81) JP KR US.

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

(51)⁷ C08G 12/02, B01J 13/18

(11) WO 02/077050 (13) A1

(21) PCT/EP02/02079

(22) 27 Feb/fév 2002 (27.02.2002)

(25) de (26) de

(30) 101 11 094.4 8 Mar/mar 2001 DE (08.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DISCRETE MICROCAVITY PARTICLES HAVING A FLEXIBLE WALL STRUCTURE

• PARTICULES A MICROCAVITES DISCRETES PRESENTANT UNE STRUCTURE DE PAROI SOUPLE

(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) NASTKE, **Rudolf** [DE/DE]; Bergblick 13, 14558 Bergholz-Rehbrücke (DE). RAFLER, **Gerald** [DE/DE]; Am Brunnen 4, 14473 Potsdam (DE).

(74) PFENNING, **MEINIG & PARTNER GBR**; Mozartstrasse 17, 80336 München (DE).

(81) US.

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

(51)⁷ C08G 12/38, C08L 61/30, C09J 161/30

(11) WO 02/077051 (13) A1

(21) PCT/US02/06264

(22) 4 Mar/mar 2002 (04.03.2002)

(25) en (26) en

(30) 09/815,357 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • STABLE LIQUID MELAMINE UREA FORMALDEHYDE RESINS

• RESINES MELAMINE-UREE-FORMALDEHYDE LIQUIDES STABLES

- (71) **CYTEC TECHNOLOGY CORP.** [US/US]; 300 Delaware Avenue, Wilmington, DE 19801 (US).
- (72) **ZHU, Huide, Dennis**; 1336 Kentfield Drive, Rochester, MI 48307 (US). **JACOBS III, William**; 9 Old Latern Drive, Bethel, CT 06801-1652 (US). **LEES, Robert, G.**; 110 Woodridge Drive, Stamford, CT 06902 (US). **MENDONCA, Luis**; 65 Wyndemere Court, Cheshire, CT 06410 (US). **RASCH, Roger, C.**; 22 Appletree Road, Bethel, CT 06801 (US).
- (74) **JUBINSKY, James, A. et al. / etc.**; Cytec Industries Inc., 1937 West Main Street, P.O. Box 60, Stamford, CT 06904-0060 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **C08G 18/00**
- (11) **WO 02/077052** (13) A2
- (21) PCT/US02/08754
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) en (26) en
- (30) 60/278,648 **26 Mar/mar 2001 US (26.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **ANTI-SQUEAK COATING**
• **REVETEMENT ANTI-CRISSEMENTS**
- (71) **HUNTSMAN INTERNATIONAL LLC** [US/US]; 500 Huntsman Way, Salt Lake City, UT 84108 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHEN, Chin-Chang** [—/US]; 1652 Snowy Owl Court, Rochester, MI 48307 (US).
- (74) **BOLAND, Kevin, J.**; Huntsman Polyurethanes, 286 Mantua Grove Road, West Deptford, NJ 08066-1732 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **C08G 18/09, 18/16, 18/54**
- (11) **WO 02/077053** (13) A1
- (21) PCT/JP02/02430
- (22) **14 Mar/mar 2002 (14.03.2002)**
- (25) ja (26) ja
- (30) 2001-75232 **16 Mar/mar 2001 JP (16.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **PROCESS FOR PRODUCING URETHANE-MODIFIED POLYISOCYANURATE FOAM**
• **PROCEDE DE PRODUCTION D'UNE MOUSSE DE POLYISOCYANURATE A URETHANE MODIFIE**
- (71) **HODOGAYA CHEMICAL CO., LTD.** [JP/JP]; 66-2, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 212-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SATO, Tsuyoshi** [JP/JP]; c/o Hodogaya Chemical Co., Ltd., Yokohama Kojo, 7-43, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (JP). **NAKAMURA, Tsutomu** [JP/JP]; c/o Hodogaya Chemical Co., Ltd., Yokohama Kojo, 7-43, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **C08G 18/10, C09D 175/04**
- (11) **WO 02/077054** (13) A1
- (21) PCT/JP02/02673
- (22) **20 Mar/mar 2002 (20.03.2002)**
- (25) ja (26) ja
- (30) 2001-79713 **21 Mar/mar 2001 JP (21.03.2001)**
- (30) 2001-315052 **12 Oct/oct 2001 JP (12.10.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **TERMINAL-BLOCKED ISOCYANATE PREPOLYMER HAVING OXADIAZINE RING, PROCESS FOR PRODUCING THE SAME, AND COMPOSITION FOR SURFACE-COATING MATERIAL**
• **PREPOLYMER D'ISOCYANATE A EXTREMITE BLOQUEE PRESENTANT UN NOYAU D'OXADIAZINE, PROCEDE DE PRODUCTION DU PREPOLYMER, ET COMPOSITION DESTINEE A UN MATERIAU DE REVETEMENT DE SURFACE**
- (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) **KUWATSUKA, Toshiaki** [JP/JP]; c/o MITSUI CHEMICALS, INC., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). **OGATA, Hideaki** [JP/JP]; c/o MITSUI CHEMICALS, INC., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). **SHIMODA, Manabu** [JP/JP]; c/o MITSUI CHEMICALS, INC., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). **HASEYAMA, Ryuuji** [JP/JP]; c/o MITSUI CHEMICALS, INC., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). **MEGA, Izumi** [JP/JP]; c/o MITSUI CHEMICALS, INC., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP).
- (74) **SUZUKI, Shunichiro**; SUZUKI & ASSOCIATES, Gotanda Yamazaki Bldg. 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo 141-0031 (JP).
- (81) CN JP US.
- (84) EP (DE FR GB IT).
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- (51)⁷ **C08G 18/34, C08L 27/04**
- (11) **WO 02/077055** (13) A1
- (21) PCT/JP02/02885
- (22) **26 Mar/mar 2002 (26.03.2002)**
- (25) ja (26) ja
- (30) 2001-91138 **27 Mar/mar 2001 JP (27.03.2001)**
- (30) 2001-91139 **27 Mar/mar 2001 JP (27.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **CROSSLINKED RIGID VINYL CHLORIDE RESIN FOAM AND PROCESS FOR PRODUCING THE SAME**
• **MOUSSE DE RESINE DE CHLORURE DE VINYLE RIGIDE RETICULEE ET SON PROCEDE DE PRODUCTION**
- (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) **SATO, Takeshi** [JP/JP]; 5-2-23, Torikainishi, Settsu-shi, Osaka 566-0072 (JP). **OOHARA, Youichi** [JP/JP]; 30, Yamaguchi, Yashiro-cho, Kato-gun, Hyogo 673-1471 (JP).
- (74) **ASAHINA, Sohta et al. / etc.**; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).
- (81) AU JP KR US.
- (84) EP (DE DK IT SE).
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- (51)⁷ **C08G 18/48, 18/76**
- (11) **WO 02/077056** (13) A1
- (21) PCT/EP02/03249
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) en (26) en
- (30) MI01A000619 **23 Mar/mar 2001 IT (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **PROCESS FOR THE PREPARATION OF POLYURETHANE FOAMS**
• **PROCEDE DE PREPARATION DE MOUSSES POLYURETHANE**
- (71) **ENICHEM S.P.A.** [IT/IT]; Piazza Boldrini, 1, I-20097 San Donato Milanese (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FAVA, Flavio [IT/IT]; V. Gaio, 20, I-20015 Parabiago (IT). BARISONI, Emanuele [IT/IT]; V. Marino, 8, I-21014 Laveno Mombello (IT). STEFANI, Dario [IT/IT]; Via Staurenghi, 9, Varese (IT).

(74) GEARY, Stephen; W.H. Beck, Greener & Co., 7 Stone Buildings, Lincoln's Inn, London WC2A 3SZ (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C08G 18/79, C07D 251/34, C09D 175/04

(11) WO 02/077057 (13) A1

(21) PCT/FR02/01073

(22) 27 Mar/mar 2002 (27.03.2002)

(25) fr (26) fr

(30) 01/04117 27 Mar/mar 2001 FR (27.03.2001)

(30) 09/818,884 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LOW-VISCOSITY POLYISOCYANATE COMPOSITION HAVING A HIGH FUNCTIONALITY AND THE PREPARATION METHOD THEREOF

• COMPOSITION POLYISOCYANATE DE FAIBLE VISCOSITE POSSEDANT UNE FONCTIONNALITE ELEVEE ET PROCEDE DE PREPARATION

(71) RHODIA CHIMIE [FR/FR]; 26, Quai Alphonse Le Gallo, F-92512 Boulogne-Billancourt Cedex (FR).

(72) BERNARD, Jean-Marie; Route du Large, Saint-Laurent d'Agny, F-69440 Mornant (FR). HAN, Qiwen; 184 Princeton, Arms North II, Cranbury, NJ 08512 (US). CHEN, Ming, J.; 4 Yellowstone, Dr. West Windsor, Windsor, NJ NJ08550 (US).

(74) JACOBSON, Claude et al. / etc.; Cabinet Lavoix, 2, place d'Estienne d'Orves, F-75441 Paris Cedex 09 (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C08G 59/14, C08L 63/00, C08F 299/02, G03F 7/027

(11) WO 02/077058 (13) A1

(21) PCT/JP02/02790

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-85921 23 Mar/mar 2001 JP (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RESIN CURABLE WITH ACTINIC ENERGY RAY, PHOTOCURABLE/THERMOSETTING RESIN COMPOSITION CONTAINING THE SAME, AND CURED ARTICLE OBTAINED THEREFROM

• RÉSINE DURCISSANT AUX RAYONNEMENTS ACTINIQUES, COMPOSITION DE RÉSINE PHOTODURCISSANTE OU THERMODURCISSANTE LA CONTENANT, ET ARTICLE DURCI AINSI OBTENU

(71) TAIYO INK MANUFACTURING CO., LTD. [JP/JP]; 7-1, Hazawa 2-chome, Nerima-ku, Tokyo 176-8508 (JP).

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

(72, 75) MINEGISHI, Shoji [JP/JP]; c/o Taiyo Ink Manufacturing Co., Ltd., Ranzan Jigyosho, 388, Oaza Okura, Ranzanmachi, Hiki-gun, Saitama 355-0222 (JP). OGAWA, Yuhta [JP/JP]; c/o Taiyo Ink Manufacturing Co., Ltd., Ranzan Jigyosho, 388, Oaza Okura, Ranzanmachi, Hiki-gun, Saitama 355-0222 (JP).

(74) YOSHIDA, Shigeki; Room 1103, Harada Bldg., 14-2, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

(51)⁷ C08G 59/50, C08L 63/10, C08J 5/24

(11) WO 02/077059 (13) A1

(21) PCT/EP02/01776

(22) 20 Feb/fév 2002 (20.02.2002)

(25) de (26) de

(30) 101 13 940.3 22 Mar/mar 2001 DE (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR THE PRODUCTION OF REINFORCING OR LAMINATING MATERIALS TREATED WITH RESIN

• PROCEDE DE PRODUCTION DE MATERIAUX DE RENFORCEMENT OU DE REVETEMENT TRAITES A LA RESINE

(71) BAKELITE AG [DE/DE]; Gennaer Strasse 2-4, 58642 Iserlohn-Letmathe (DE).

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

(72, 75) GRUNDKE, Ulrich [DE/DE]; Bronkhorststrasse 52, 47137 Duisburg (DE).

KALLA, Volker [DE/DE]; Knappenstrasse 89, 47167 Duisburg (DE). LIEBETANZ, Klaus-Peter [DE/DE]; Varziner Strasse 7, 47138 Duisburg (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 C08G 61/00, C09K 11/06, H05B 33/14, H01L 51/30

(11) WO 02/077060 (13) A1

(21) PCT/EP02/03221

(22) 22 Mar/mar 2002 (22.03.2002)

(25) de (26) de

(30) 101 14 477.6 24 Mar/mar 2001 DE (24.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONJUGATED POLYMERS CONTAINING SPIROBIFLUORENE UNITS AND FLUORENE UNITS, AND THE USE THEREOF

• POLYMERES CONJUGUES CONTENANT DES UNITES SPIROBIFLUORENE ET DES UNITES FLUORENE ET LEUR UTILISATION

(71) COVION ORGANIC SEMICONDUCTORS GMBH [DE/DE]; 65926 Frankfurt (DE).

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

(72, 75) TREACHER, Kevin [GB/DE]; Mühlwiese 3, 65779 Kelkheim/Münster (DE). BECKER, Heinrich [DE/DE]; Zum Talblick 30, 61479 Glashütten (DE). STÖSEL, Philipp [DE/DE]; Hortensien-Ring 17, 65929 Frankfurt (DE). SPREITZER, Hubert [DE/DE]; Bruno-Taut-Strasse 20, 68519 Viernheim (DE). FALCOU, Aurelie [FR/DE]; Bretzenheimerstrasse 36, 55128 Mainz (DE). PARHAM, Amir [DE/DE]; Am Dorfgarten 36, 60436 Frankfurt (DE). BÜSING, Arne [DE/DE]; Rödelheimer Parkweg 18, 60489 Frankfurt (DE).

(74) DÖRR, Klaus et al. / etc.; Industriepark Höchst, Gebäude F 821, 65926 Frankfurt (DE).

(81) AG CN DZ JP KR 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 C08G 63/08, 18/28

(11) WO 02/077061 (13) A1

(21) PCT/US02/09384

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 09/819,310 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PREPARATION OF BROWMINE-CONTAINING HYDROXY-FUNCTIONAL COPOLYMERS

• PREPARATION DE COPOLYMERES AU BROME A FONCTION HYDROXY

(71) SOUTHWEST DISTRIBUTING CO. [US/US]; 222 South Date Street, Mesa, AZ 85210 (US).

(71, 72) **LYSZCZEK, Edward, J.** [US/US]; 4457 Liveoak Drive, Claremont, CA 91711 (US).

(72) **CHEN, Herry (Z-X)**; 2323 E. Rawhide, Gilbert, AZ 85296 (US).

(74) **SULLIVAN, Stephen, T.**; Sullivan Law Group, 5060 North 40th Street, Suite 120, Phoenix, AZ 85018-2140 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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).

Published / Publiée : (c)

(51)⁷ C08G 63/181

(11) WO 02/077062 (13) A1

(21) PCT/JP02/02813

(22) 25 Mar/mar 2002 (25.03.2002)

(25) ja (26) ja

(30) 2001-85569 23 Mar/mar 2001 JP (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TRANSPARENT AND FLEXIBLE POLYESTER

• POLYESTER TRANSPARENT ET SOUPLE

(71) **TOYO BOSEKI KABUSHIKI KAISHA** [JP/JP]; 2-8, Dojimahama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8230 (JP).

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(72, 75) **HARUNA, Toshihide** [JP/JP]; c/o TOYO BOSEKI KABUSHIKI KAISHA, Iwakuni Plant, 1-1, Nada-cho, Iwakuni-shi, Yamaguchi 740-8567 (JP). **ATSUCHI, Tetsumori** [JP/JP]; c/o TOYO BOSEKI KABUSHIKI KAISHA, Polymer Development Center, 10-24, Toyo-cho, Tsuruga-shi, Fukui 914-0047 (JP). **FUCHIKAMI, Masaki** [JP/JP]; c/o TOYO BOSEKI KABUSHIKI KAISHA, Polymer Development Center, 10-24, Toyo-cho, Tsuruga-shi, Fukui 914-0047 (JP). **TORII, Ryuichi** [JP/JP]; c/o TOYO BOSEKI KABUSHIKI KAISHA, Polymer Development Center, 10-24, Toyo-cho, Tsuruga-shi, Fukui 914-0047 (JP). **SHIMOYAMA, Hiroshi** [JP/JP]; c/o TOYO BOSEKI KABUSHIKI KAISHA, Research Institute, 1-1, Katata 2-chome, Otsu-shi, Shiga 520-0292 (JP). **TSUTSUMI, Masayuki** [JP/JP]; c/o TOYO BOSEKI KABUSHIKI KAISHA, Research Institute, 1-1, Katata 2-chome, Otsu-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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C08G 63/668, C11D 3/37, D06M 15/507

(11) WO 02/077063 (13) A1

(21) PCT/EP02/03467

(22) 27 Mar/mar 2002 (27.03.2002)

(25) de (26) de

(30) 101 15 250.7 28 Mar/mar 2001 DE (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DIRT-REMOVING POLYESTERS

• POLYESTERS NETTOYANTS

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).

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

(72, 75) **KOLTZENBURG, Sebastian** [DE/DE]; Pommernstrasse 7, 67125 Dannstadt-Schauernheim (DE). **KLIPPEL, Frank** [DE/DE]; Diedesfelder Weg 61, 67067 Ludwigshafen (DE). **MÜLLER, Christine** [DE/DE]; Gartenstrasse 13, 67063 Ludwigshafen (DE). **MOHR, Bernhard** [DE/DE]; Obere Seegasse 12, 69124 Heidelberg (DE).

(74) **REITSTÖTTER, KINZEBACH & PARTNER**; Sternwartstrasse 4, 81679 München (DE).

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

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

(51)⁷ C08G 64/06, 64/30

(11) WO 02/077064 (13) A1

(21) PCT/EP02/02719

(22) 13 Mar/mar 2002 (13.03.2002)

(25) de (26) de

(30) 101 14 805.4 26 Mar/mar 2001 DE (26.03.2001)

(30) 101 22 496.6 10 May/mai 2001 DE (10.05.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • POLYCARBONATE HAVING A LOW SHEAR THINNING RATIO

• POLYCARBONATE PRESENTANT UN FAIBLE RAPPORT DE DILUTION PAR CISAILLEMENT

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).

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

(72, 75) **MASON, James** [US/DE]; Schönewasserstr. 214c, 47800 Krefeld (DE). **KRATSCHEMER, Silke** [DE/DE]; Augustastr. 19, 47829 Krefeld (DE). **HUCKS, Uwe** [DE/DE]; Am Marienstift 30, 46519 Alpen (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 VN YU ZA ZM ZW.

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

Declaration / Déclaration :

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

(51)⁷ C08G 64/30, 64/06

(11) WO 02/077065 (13) A1

(21) PCT/EP02/02718

(22) 13 Mar/mar 2002 (13.03.2002)

(25) de (26) de

(30) 101 14 809.7 26 Mar/mar 2001 DE (26.03.2001)

(30) 101 22 493.1 10 May/mai 2001 DE (10.05.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • POLYCARBONATE HAVING A PRO- NOUNCED SHEAR THINNING BE- HAVIOR

• POLYCARBONATE A COMPORTE- MENT MARQUE EN DILUTION PAR CISAILLEMENT

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).

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(72, 75) **MASON, James** [US/DE]; Schönewasserstr. 214 c, 47800 Krefeld (DE). **KRATSCHEMER, Silke** [DE/DE]; Augustastr. 19, 47829 Krefeld (DE). **HUCKS, Uwe** [DE/DE]; Am Marienstift 30, 46519 Alpen (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 VN YU ZA ZM ZW.

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

(51)⁷ C08G 64/30

(11) WO 02/077066 (13) A1

(21) PCT/EP02/02724

(22) 13 Mar/mar 2002 (13.03.2002)

(25) de (26) de

(30) 101 14 808.9 26 Mar/mar 2001 DE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • METHOD FOR PRODUCING OLIGO-CARBONATES
• PROCEDE DE PRODUCTION D'OLIGOCARBONATES

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUCKS, Uwe [DE/DE]; Am Marienstift 30, 46519 Alpen (DE). BACHMANN, Rolf [DE/DE]; Steinenkamp 35, 51469 Bergisch Gladbach (DE). RHIEL, Franz, Ferdinand [DE/DE]; Pfauenstr. 26, 41540 Dormagen (DE). FISCHER, Thomas [DE/DE]; Emil-Feinendegen Str. 2, 47809 Krefeld (DE). KRATSCHMER, Silke [DE/DE]; Augustastr. 19, 47829 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 VN YU ZA ZM ZW.

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

Declaration / Déclaration :

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

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

(51)⁷ C08G 64/30

(11) WO 02/077067 (13) A2

(21) PCT/EP02/02725

(22) 13 Mar/mar 2002 (13.03.2002)

(25) de (26) de

(30) 101 14 804.6 26 Mar/mar 2001 DE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • METHOD FOR PRODUCING POLY-CARBONATES
• PROCEDE DE FABRICATION DE POLYCARBONATES

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRATSCHMER, Silke [DE/DE]; Augustastr. 19, 47829 Krefeld (DE). HUCKS, Uwe [DE/DE]; Am Marienstift 30, 46519 Alpen (DE). PREIN, Michael [DE/BE]; Oude Hoevevweg 9, B-2930 Brasschaat (BE).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

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

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

Declaration / Déclaration :

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

(51)⁷ C08G 67/00

(11) WO 02/077068 (13) A2

(21) PCT/EP02/03402

(22) 27 Mar/mar 2002 (27.03.2002)

(25) de (26) de

(30) 101 16 391.6 28 Mar/mar 2001 DE (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • SULFONATED POLYETHERKETONEKETONE

• POLYETHER CETONE CETONE SULFONE

(71) FUMA-TECH GMBH [DE/DE]; Am Grubenstollen 11, 66386 St. Ingbert/Saar (DE).

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

(72, 75) BAUER, Bernd [DE/DE]; Hildenstrasse 10, 71665 Vaihingen/Enz (DE).

(74) RUFF, WILHELM, BEIER, DAUSTER & PARTNER; Postfach 10 40 36, 70035 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 CH CY DE DK ES FI FR GB GR IE IT 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 C08G 69/48, D06M 15/59, 15/61

(11) WO 02/077069 (13) A1

(21) PCT/EP02/03346

(22) 25 Mar/mar 2002 (25.03.2002)

(25) de (26) de

(30) 101 15 256.6 28 Mar/mar 2001 DE (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • USE OF MODIFIED POLYAMINE AMIDES FOR HYDROPHILIZING SURFACES

• UTILISATION DE POLYAMINOAMIDES MODIFIES POUR L'HYDROPHILISATION DE SURFACES

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOCK-KNOBLAUCH, Cordula [DE/DE]; Prinzregentenstrasse 43, 67063 Ludwigshafen (DE). ZIRNSTEIN, Michael [DE/DE]; Ruhweg 13, 69198 Schriesheim (DE). MEFFERT, Helmut [DE/DE]; Hofstrasse 15, 67065 Ludwigshafen (DE).

(74) REITSTÖTTER, KINZEBACH & PARTNER; Sternwartstrasse 4, 81679 München (DE).

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

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

(51)⁷ C08G 73/00

(11) WO 02/077070 (13) A1

(21) PCT/KR02/00312

(22) 26 Feb/fév 2002 (26.02.2002)

(25) ko (26) en

(30) 2001/15208 23 Mar/mar 2001 KR
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONDUCTIVE POLYMERS SUBSTITUTED WITH ACID LABILE FUNCTIONAL GROUPS FOR INCREASING ELECTRICAL CONDUCTIVITY AND PATTERNABILITY AND COMPOSITIONS HAVING THE SAME

• POLYMERES CONDUCTEURS SUBSTITUES PAR DES GROUPES FONCTIONNELS LABILES ACIDES POUR UNE ELECTROCONDUCTIVITE ET UNE APTITUDE AU MODELAGE ACCRUES ET COMPOSITIONS RENFERMANT LESDITS POLYMERES

(71) ADMS-TECH CO., LTD [KR/KR]; 459-3 Sindae-ri, Seo-myon, Yeonki-gun, 339-811 Choongcheongnam-do (KR).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) LEE, Suck-Hyun [KR/KR]; 19-9 Joongang-dong, Gwacheon-shi., 427-805 Gyeonggi-do (KR). LEE, Chan-Woo [KR/KR]; 136-104 Hwanggol Joogong apt., Youngtong-dong, Paldal-gu, Suwon-shi, 442-740 Gyeonggi-do (KR).

(74) JUNG, Won-Ki; 9F Seoyoung Building, 158-12 Samsung-dong, Gangnam-gu, 135-090 Seoul (KR).

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

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

(51)⁷ C08G 77/04, G03G 9/097, C08L 83/04

(11) WO 02/077071 (13) A1

(21) PCT/JP02/02420

(22) 14 Mar/mar 2002 (14.03.2002)

(25) ja (26) ja

(30) 2001-74753 15 Mar/mar 2001 JP
(15.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • WAXY ORGANOPOLYSILOXANE AND TONER COMPOSITION CONTAINING THE SAME

• ORGANOPOLYSILOXANE CIREUX ET COMPOSITION DE TONER LE CONTENANT

(71) NIPPON UNICAR COMPANY LIMITED [JP/JP]; 6-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(72) HINO, Takakazu; 4-173-2-609, Nogemachi, Naka-ku, Yokohama-shi, Kanagawa 231-0064 (JP). TOYAMA, Takatoshi; 1-17-1-301, Saido, Konan-ku, Yokohama-shi, Kanagawa 233-0008 (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) DE.

(51)⁷ C08G 77/458, 18/28, 18/61, C09J 183/10, C09D 183/10

(11) WO 02/077072 (13) A1

(21) PCT/EP02/01581

(22) 14 Feb/fév 2002 (14.02.2002)

(25) de (26) de

(30) 101 13 980.2 22 Mar/mar 2001 DE
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SILANE-TERMINATED POLYDIORGANOSILOXANE URETHANE COPOLYMER

• COPOLYMERE DE POLYDIORGANOSILOXANE-URETHANE A TERMINAISON SILANE

(71) CONSORTIUM FÜR ELEKTRO-CHEMISCHE INDUSTRIE GMBH [DE/DE]; Zielstattstr. 20, 81379 München (DE).

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(72, 75) SCHINDLER, Wolfram [DE/DE]; Bürgermeister-Prehn-Strasse 8, 82008 Unterhaching (DE). SCHÄFER, Oliver [DE/DE]; Waldfriedhofstrasse 12, 81377 München (DE). STANJEK, Volker [DE/DE]; Hofbrunnstrasse 21, 81479 München (DE). PACHALY, Bernd [DE/DE]; Utzenstrasse 1, 84561 Mehring/Öd (DE).

(74) FRITZ, Helmut, Dr. et al. / etc.; c/o Wacker-Chemie GmbH, Zentralbereich PML, Hanns-Seidel-Platz 4, 81737 München (DE).

(81) CN JP PL US.

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

(51)⁷ C08G 79/00

(11) WO 02/077073 (13) A2

(21) PCT/EP02/03268

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 101 13 971.3 22 Mar/mar 2001 DE
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PLASTIC ARTICLES HAVING A POLYPHOSPHAZENE COATING

• ARTICLES EN MATIERE PLASTIQUE A REVETEMENT DE POLYPHOSPHAZENE

(71) POLYZENIX GMBH [DE/DE]; Söflinger Strasse 100, 89077 Ulm (DE).
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(72, 75) GRUNZE, Michael [DE/DE]; Hauptstrasse 17, 69151 Neckargemünd (DE).

TUR, Dsidra [RU/RU]; Sachalinstreet 6-1-40, Moskow 117588 (RU). PERTSIN, Alexander [RU/DE]; Rombachweg 6a, 69118 Heidelberg (DE).

(74) PERREY, Ralf; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C08G 83/00, C08L 101/00, A61K 47/48, C08F 8/00

(11) WO 02/077074 (13) A1

(21) PCT/IB02/00921

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) PCT/IB01/00524 27 Mar/mar 2001 IB
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOUNDS FOR A CONTROLLED RELEASE OF ACTIVE COMPOUNDS

• COMPOSES SERVANT A EFFECTUER LA LIBERATION CONTROLEE DE COMPOSES ACTIFS

(71) FIRMENICH SA [CH/CH]; P. O. Box 239, 1, route des Jeunes, CH-1211 Geneva 8 (CH).
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(72, 75) HERRMANN, Andreas [DE/CH]; 5, rue Henri Christiné, CH-1205 Geneva (CH). FREROT, Eric [FR/FR]; 26, rue Maurice Ravel, F-74100 Ville La Grand (FR).

(74) SALVATERRA-GARCIA, Maria de Lurdes; 1, route des Jeunes, P. O. Box 239, CH-1211 Geneva 8 (CH).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C08J 3/03, 3/05, 3/07, B01J 13/00

(11) WO 02/077075 (13) A1

(21) PCT/FR02/00959

(22) 19 Mar/mar 2002 (19.03.2002)

(25) fr (26) fr

(30) 60/278,035 22 Mar/mar 2001 US
(22.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR PRODUCING CONTROLLED-SHAPE COLLOIDAL PARTICLES WITH WATER-SOLUBLE BLOCK COPOLYMERS COMPRISING A HYDROPHOBIC BLOCK AND A HYDROPHILIC BLOCK
- PROCEDE DE FABRICATION DE PARTICULES COLLOIDALES DE FORME CONTROLLEE AVEC DES COPOLYMERES A BLOCS HYDROSOLUBLES COMPRENANT UN BLOC HYDROPHOBE ET UN BLOC HYDROPHILE
- (71) RHODIA CHIMIE [FR/FR]; 26, quai Alphonse Le Gallo, F-92512 Boulogne-Bilancourt Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BENDEJACQ, Denis [FR/US]; 606 Aspen Drive, Plainsboro, NJ 08536 (US). JOANICOT, Mathieu [FR/US]; 505 Bergen Street, Lawrenceville, NJ 08648 (US). PONSINET, Virginie [FR/US]; Apt. 62, 870 West 181st Street, New York, NY 10033 (US).
- (74) WATTREMEZ, Catherine; Rhodia Services, Direction de la Propriété Industrielle, 40, rue de la Haie Coq, F-93306 Aubervilliers 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 CH CY DE DK ES FI FR GB GR IE 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 C08J 5/04, B29B 15/10 // C08L 79/08
- (11) WO 02/077076 (13) A1
- (21) PCT/EP02/02607
- (22) 9 Mar/mar 2002 (09.03.2002)
- (25) de (26) de
- (30) 101 14 554.3 24 Mar/mar 2001 DE (24.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD OF PRODUCING A THERMOFORMABLE, FIBER-REINFORCED SEMI-FINISHED PRODUCT ON THE BASIS OF POLYETHER IMIDES
- PROCEDE DE FABRICATION D'UN DEMI-PRODUIT RENFORCE PAR FIBRES A DEFORMABILITE THERMOPLASTIQUE A BASE DE POLYETHERIMIDES
- (71) QUADRANT PLASTIC COMPOSITES AG [CH/CH]; Hardstrasse 5, 5600 Lenzburg 1 (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DITTMAR, Harri [DE/DE]; Hauptstrasse 8, 67271 Battenberg (DE).
- (74) GRUSSDORF, Jürgen; Zellentin & Partner, Rubensstrasse 30, 67061 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 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 C08J 5/06
- (11) WO 02/077077 (13) A2
- (21) PCT/IB02/00831
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 09/813,876 22 Mar/mar 2001 US (22.03.2001)
- (30) 142230 23 Mar/mar 2001 IL (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • STRONG DURABLE LOW COST COMPOSITE MATERIALS MADE FROM TREATED CELLULOSE AND PLASTIC
- MATERIAUX COMPOSITES A FAIBLE COUT, DURABLES ET RESISTANTS, FABRIQUES A PARTIR DE CELLULOSE ET DE PLASTIQUE TRAITES
- (71) CYCLETEC LTD. [IL/IL]; Granot Industries Estate, 38100 D.N. Hefer (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HALAHMI, Izhar [IL/IL]; 12 Ha Yedidut Street, 45297 Hod-HaSharon (IL). GROSS, Mike [IL/IL]; 13 Eshkol Street, Apt. 28, 45343 Hod Hasharon (IL). JACOBS, Ian Leonard [IL/IL]; 6 Ha Aliyah Street, 30900 Zichron Yaacov (IL). KADOSH, Gaby [IL/IL]; 25 Herzl Street, 10200 Kiryat Shmonah (IL).

- (74) REINHOLD COHN AND PARTNERS; P.O. Box 4060, 61040 Tel-Aviv (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C08J 5/12, C09J 165/00, C08G 61/08, C09J 7/02
- (11) WO 02/077078 (13) A2
- (21) PCT/US02/02612
- (22) 29 Jan/jan 2002 (29.01.2002)
- (25) en (26) en
- (30) 09/772,157 29 Jan/jan 2001 US (29.01.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • IMPROVED FIBER SUBSTRATE ADHESION AND COATINGS BY CONTACT METATHESIS POLYMERIZATION
- AMÉLIORATION DE L'ADHÉSION ET DES REVÊTEMENTS CONCERNANT LES SUBSTRATS À BASE DE FIBRES PAR POLYMERISATION MÉTATHÉTIQUE DE CONTACT
- (71) LORD CORPORATION [US/US]; 111 Lord Drive, P.O. Box 8012, Cary, NC 27512-8012 (US).
- (72) TOKAS, Edward, F.; 111 Ripley Court, Cary, NC 27513 (US). CASTER, Kenneth, C.; 109 Lewey Brook Drive, Apex, NC 27502 (US).
- (74) DEARTH, Miles, B.; Lord Corporation, 111 Lord Drive, P.O. Box 8012, Cary, NC 27512-8012 (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 C08J 5/18, C08K 11/00
- (11) WO 02/077079 (13) A1
- (21) PCT/FR02/01062
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) fr (26) fr
- (30) 01/04171 28 Mar/mar 2001 FR (28.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • POLYMER FILM, PREPARATION METHOD THEREOF AND METHOD FOR PROTECTING AND CLEANING A SURFACE USING SAID FILM
- FILM POLYMER, SON PROCEDE DE PREPARATION ET PROCEDE DE PROTECTION OU DE NETTOYAGE D'UNE SURFACE UTILISANT CE FILM

- (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) ROUPPERT, Franck [FR/FR]; Le Village, F-38870 Saint-pierre-de-bressieux (FR). RIVOALLAN, Annie [FR/FR]; Le clos d'Alençon, Bat B3, F-91140 Villebon Sur Yvette (FR). LARGERON, Christophe [FR/FR]; 51/c rue des Aiguinards, F-38240 Meylan (FR).
- (74) AUDIER, Philippe; C/o Brevatome, 3, Rue Du Docteur Lancereaux, F-75008 Paris (FR).
- (81) CN JP RU US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

- (51)⁷ C08J 5/18, B32B 27/36, C08L 67/04, C08K 3/00
- (11) WO 02/077080 (13) A1
- (21) PCT/US02/07680
- (22) 15 Mar/mar 2002 (15.03.2002)
- (25) en (26) en

- (30) 60/278,948 **27 Mar/mar 2001** US
(27.03.2001)
- (30) 10/051,723 **17 Jan/jan 2002** US
(17.01.2002)
- (30) 10/051,724 **17 Jan/jan 2002** US
(17.01.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • POLYHYDROXYALKANOATE COPOLYMER AND POLYLACTIC ACID POLYMER COMPOSITIONS FOR LAMINATES AND FILMS
• COMPOSITIONS POUR FILMS ET LAMINES COMPOSEES D'UN COPOLYMER DE POLYHYDROXYALKANOATE ET D'UN POLYMER D'ACIDE POLYLACTIQUE
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **NODA, Isao**; 1568 Hunter Road, Fairfield, OH 45014 (US). **BOND, Eric, Bryan**; 253 Terwilligers Run, Maineville, OH 45039 (US). **MELIK, David, Harry**; 4192 Intrepid Drive, Cincinnati, OH 45252 (US).
- (74) **REED, David, T. et al.** / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MR MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C08J 5/18, C08K 5/3437, C08L 29/14, C09B 5/62
- (11) **WO 02/077081** (13) A1
- (21) PCT/US02/08687
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) en (26) en
- (30) 60/278,096 **23 Mar/mar 2001** US
(23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CONTROLLING SOLAR RADIATION IN SAFETY GLASS LAMINATES
• REGULATION DU RAYONNEMENT SOLAIRE DANS DES STRATIFIES DE VERRE DE SECURITE
- (71) **SOLUTIA, INC.** [US/US]; 575 Maryville Centre, St. Louis, MO 63141-3141 (US).
- (72) **GARRETT, Paul, D.**; 15 Allen Road, Sturbridge, MA 01566 (US). **BOEHM, Arno**; Kirchwaldstr. 75, 68305 Mannheim (DE). **BOOTH, Howard, D., Jr.**; 34 Gloria Drive, Westfield, MA 01085 (US).
- (74) **MANDRA, Raymond, R. et al.** / etc.; Fitzpatrick, Cella, Harper and Scinto, 30 Rockefeller Plaza, New York, NY 10112-3800 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C08J 9/00, C08L 33/24, C08F 265/04, 265/10
- (11) **WO 02/077082** (13) A1
- (21) PCT/EP02/02365
- (22) **5 Mar/mar 2002 (05.03.2002)**
- (25) de (26) de
- (30) 101 13 899.7 **21 Mar/mar 2001** DE
(21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PMI SYRUP PHASES AND THEIR USE FOR STABILIZING NON-SOLUBLE ADDITIVES
• PHASES SIROP PMI ET LEUR UTILISATION POUR STABILISER DES ADDITIFS NON SOLUBLES
- (71) **RÖHM GMBH & CO. KG** [DE/DE]; Kirschenallee, 64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **BREITWIESER, Ingrid** (heiress of the deceased inventor / héritière de l'inventeur décédé) [DE/DE]; Donaustrasse 26, 64347 Griesheim (DE). **BREITWIESER, Claudia** (heiress of the deceased inventor / héritière de l'inventeur décédé) [DE/DE]; Donaustrasse 26, 64347 Griesheim (DE). **BREITWIESER, Anja** (heiress of the deceased inventor / héritière de l'inventeur décédé) [DE/DE]; Donaustrasse 26, 64347 Griesheim (DE). **BREITWIESER, Bianca** (heiress of the deceased inventor / héritière de l'inventeur décédé) [DE/DE]; Donaustrasse 26, 64347 Griesheim (DE).
(only for / seulement pour US)
- (72) **BREITWIESER, Franz, Karlheinz** (deceased / décédé).
- (72, 75) **STEIN, Peter** [DE/DE]; Waldstrasse 48E, 64319 Pfungstadt (DE). **GEYER, Werner** [DE/DE]; Schlossgartenstrasse 4, 64367 Mühlthal (DE). **BARTHEL, Thomas** [DE/DE]; Kleine Bach 24, 64646 Heppenheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C08J 9/14, C11D 7/50, C09K 3/30, C23G 5/028
- (11) **WO 02/077084** (13) A1
- (21) PCT/US02/08868
- (22) **21 Mar/mar 2002 (21.03.2002)**
- (25) en (26) en
- (30) 09/813,495 **21 Mar/mar 2001** US
(21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • AZEOTROPE-LIKE COMPOSITIONS OF PENTAFLUOROBUTANE AND WATER
• COMPOSITIONS DE TYPE AZEOTROPE A BASE DE PENTAFLUOROBUTANE ET D'EAU
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- FI FR GB GR IE 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 C08J 9/00
- (11) **WO 02/077083** (13) A2
- (21) PCT/US02/08753
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) en (26) en
- (30) 60/279,013 **27 Mar/mar 2001** US
(27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • IN-SITU POLYMERIZATION OF BONDED FOAM ADHESIVES
• POLYMERISATION IN-SITU D'ADHESIFS POUR MOUSSES COLLEES
- (71) **HUNTSMAN INTERNATIONAL LLC** [US/US]; 500 Huntsman Way, Salt Lake City, UT 84108 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FOGG, Brian** [GB/US]; 1273 Tiverton Trail, Rochester Hills, MI 48306 (US). **LOCKWOOD, Robert, J.** [US/US]; 47900 Freedom Valley Drive, Macomb, MI 48044 (US). **SAWITSKI, Robert, G., Jr.** [US/US]; 5868 Fellrath Street, Taylor, MI 48180 (US). **SHIDAKER, Trent, A.** [US/US]; 3372 Cleveland Drive, Troy, MI 48083 (US).
- (74) **BOLAND, Kevin, J.**; Huntsman Polyurethanes, 286 Mantua Grove Road, West Deptford, NJ 08066-1732 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(72) **BOGDAN, Mary, Charlotte**; 101 Electric Avenue, West Seneca, NY 14206 (US). **TUNG, Hsueh, Sung**; 16 Vassar Drive, Getzville, NY 14068 (US). **PHAM, Hang, Thanh**; 96 Sundridge Drive, Apt. 1, Amherst, NY 14228 (US).

(74) **CRISS, Roger, H. et al. / etc.**; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C08J 11/08

(11) WO 02/077085 (13) A1

(21) PCT/JP02/02736

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-83291 22 Mar/mar 2001 JP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF RECOVERING POLYVINYL CHLORIDE AND APPARATUS THEREFOR

• PROCEDE DE RECUPERATION DE POLYCHLORURE DE POLYVINYLE ET APPAREIL ASSOCIE

(71) **KABUSHIKI KAISHA KOBE SEIKO SHO** [JP/JP]; 10-26, Wakinohamacho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 (JP).

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

(72, 75) **YAMAMOTO, Koji** [JP/JP]; c/o Kobe Corporate Research Laboratories in KABUSHIKI KAISHA KOBE SEIKO SHO, 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 (JP). **TANAKA, Takeharu** [JP/JP]; c/o Kobe Corporate Research Laboratories in KABUSHIKI KAISHA KOBE SEIKO SHO, 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 (JP).

(74) **KOTANI, Etsuji et al. / etc.**; Nichimen Building 2nd Floor, 2-2, Nakanoshima 2-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (JP).

(81) US.

(84) EP (BE DE FR GB IT).

Published / Publiée : (c)

(51)⁷ C08K

(11) WO 02/077086 (13) A2

(21) PCT/US02/06369

(22) 1 Mar/mar 2002 (01.03.2002)

(25) en (26) en

(30) 09/815,476 23 Mar/mar 2001 US (23.03.2001)

(30) 09/815,630 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NOVEL SYMMETRICAL SUBSTITUTED BENZALDEHYDE ALDITOL DERIVATIVES AND COMPOSITIONS AND ARTICLES CONTAINING SAME

• NOUVEAUX DERIVES D'ALDITOL DE BENZALDEHYDE A SUBSTITUTION SYMETRIQUE ET COMPOSITIONS ET ARTICLES LES CONTENANT

(71) **MILLIKEN & COMPANY** [US/US]; 920 Milliken Road, Spartanburg, SC 29303 (US).

(72) **ANDERSON, John, D.**; 334 West Autumn Ridge Rd., Moore, SC 29369 (US). **DOTSON, Darin, L.**; 4150 Shepard Rd., Spartanburg, SC 29301 (US). **SHEPPARD, Shawn, R.**; 348 Annabel Drive, Spartanburg, SC 29316 (US). **MEHL, Nathan, A.**; 253 Preston Drive, Moore, SC 29369 (US). **JONES, Jeffrey, R.**; 138 Coastline Drive, Inman, SC 29349 (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C08K 5/00, C08L 69/00 // (C08K 5/00, 5:526, 5:103)

(11) WO 02/077087 (13) A1

(21) PCT/EP02/02721

(22) 13 Mar/mar 2002 (13.03.2002)

(25) de (26) de

(30) 101 14 803.8 26 Mar/mar 2001 DE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NOVEL POLYMER BLENDS

• NOUVEAUX MELANGES POLYMERES

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).

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

(72, 75) **HAESE, Wilfried** [DE/DE]; Osenauerstr. 32, 51519 Odenthal (DE). **MASON, James** [US/DE]; Schönwasserstr. 214c, 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 VN YU ZA ZM ZW.

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

Declaration / Déclaration :

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

(51)⁷ C08K 5/00, C08G 63/78

(11) WO 02/077088 (13) A1

(21) PCT/EP02/02956

(22) 16 Mar/mar 2002 (16.03.2002)

(25) de (26) de

(30) 101 14 696.5 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR THE PRODUCTION OF OPTICALLY BRIGHTENED POLYESTER

• PROCEDE POUR PRODUIRE DU POLYESTER BLANCHI OPTIQUEMENT

(71) **CLARIANT GMBH** [DE/DE]; Brünningstrasse 50, 65929 Frankfurt am Main (DE).

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(72, 75) **MARTINI, Thomas** [DE/DE]; Odenwaldstrasse 5, 65779 Kelkheim-Fischbach (DE). **LERCH, Alexander** [DE/DE]; Mittelstrasse 7, 63571 Gelnhausen (DE). **ZIRKENBACH, Gerhard** [DE/DE]; Heimbürger Allee 3a, 65385 Rüdeshheim (DE).

(74) **OTTO, Adalbert**; Clariant Service GmbH, Am Unisys-Park 1, 65843 Sulzbach (DE).

(81) CN JP TR 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 C08K 5/00, 5/32, C08J 3/24, C08F 255/02, C08L 51/06

(11) WO 02/077089 (13) A1

(21) PCT/FR02/00624

(22) 19 Feb/fév 2002 (19.02.2002)

(25) fr (26) fr

(30) 01/03935 23 Mar/mar 2001 FR (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CROSSLINKING COMPOSITION AND CROSSLINKABLE COMPOSITION

• COMPOSITION DE RETICULATION ET COMPOSITION RETICULABLE

(71) **ATOFINA** [FR/FR]; 4-8, cours Michelet, F-92800 Puteaux (FR).

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- (72, 75) **DEBAUD, Fabien** [FR/FR]; 50, avenue du Point du Jour, F-69005 Lyon (FR). **PALYS, Leonard, Henry** [US/US]; 204 Red Tail Circle, Downingtown (US).
- (74) **DANG, Doris**; ATOFINA, Département Propriété Industrielle, 4-8, Cours Michelet, F-92091 Paris La Defense (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :**
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement
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- (51)⁷ C08K 5/00
(11) WO 02/077090 (13) A1
(21) PCT/US02/02677
(22) 29 Jan/jan 2002 (29.01.2002)
(25) en (26) en
(30) 09/818,246 27 Mar/mar 2001 US (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • AN ACRYLIC ELASTOMER COMPOSITION, A TEXTILE-ELASTOMER COMPOSITE MADE THEREWITH, AND METHOD OF MAKING THE SAME
• COMPOSITION D'ELASTOMERE ACRYLIQUE, ET COMPOSITE TEXTILE/ELASTOMERE EN ETANT FAIT ET SON PROCEDE DE FABRICATION
- (71) **MILLIKEN & COMPANY** [US/US]; 920 Milliken Road, Spartanburg, SC 29303 (US).
- (72) **VOGT, Kirkland W.**; 19 Staffordshire Way, Simpsonville, SC 29681 (US).
- (74) **WILSON, Charlotte, C.**; 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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C08K 5/07, C08L 27/06
(11) WO 02/077091 (13) A1
(21) PCT/FR02/01043
(22) 26 Mar/mar 2002 (26.03.2002)
(25) fr (26) fr
(30) 01/04012 26 Mar/mar 2001 FR (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • USE OF SUBSTITUTED BIAROMATIC β-DIKETONE AS STABILISING AGENT OF HALOGENATED POLYMERS AND RESULTING POLYMER
• UTILISATION DE β-DICETONE DIAROMATIQUE SUBSTITUEE COMME STABILISANT DE POLYMERES HALOGENES ET POLYMERES OBTENU
- (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) **PRUD'HOMME, Christian** [FR/FR]; 19, rue du Commandant Faurax, F-69006 Lyon (FR). **DURY, Michel** [FR/FR]; 65, rue de Sèze, F-69006 Lyon (FR).
- (74) **DELENNE, Marc**; Rhodia Services, Direction de la Propriété Industrielle, 40, rue de la Haie-Coq, F-93306 Aubervilliers 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 CH CY DE DK ES FI FR GB GR IE 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 C08K 5/09, 5/092, 5/095, 5/098, C07C 69/753
(11) WO 02/077092 (13) A1
(21) PCT/US02/06493
(22) 5 Mar/mar 2002 (05.03.2002)
(25) en (26) en
(30) 09/815,832 24 Mar/mar 2001 US (24.03.2001)
(30) 09/995,315 27 Nov/nov 2001 US (27.11.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • HIGHLY NUCLEATED THERMOPLASTIC ARTICLES
• ARTICLES THERMOPLASTIQUES FORTEMENT NUCLEES
- (71) **MILLIKEN & COMPANY** [US/US]; 920 Milliken Road, Spartanburg, SC 29303 (US).
- (72) **ZHAO, Xiaodong, Edward**; 211 Windswept Court, Moore, SC 29301 (US). **DOTSON, Darin, L.**; 4150 Shepard Road, Spartanburg, SC 29301 (US). **MORIN, Brian, G.**; 324 Thornbush Court, Greer, SC 29651 (US). **BURKHART, Brian, M.**; 4 Braelock Court, Greenville, SC 29615 (US). **COWAN, Martin, E.**; 437 Litchfield Drive, Moore, SC 29369 (US). **JONES, Jeffrey, R.**; 138 Coastline Drive, Inman, SC 29349 (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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C08K 5/521, C09J 7/02
(11) WO 02/077093 (13) A1
(21) PCT/GB02/01006
(22) 7 Mar/mar 2002 (07.03.2002)
(25) en (26) en
(30) 0107223.0 23 Mar/mar 2001 GB (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • RESIN COMPOSITION COMPRISING A PHOSPHOROUS CONTAINING SURFACTANT FOR PRESSURE SENSITIVE ADHESIVES
• COMPOSITION DE RESINE COMPRENANT UN TENSIOACTIF PHOSPHORE POUR ADHESIF AUTOCOLLANT
- (71) **IMPERIAL CHEMICAL INDUSTRIES PLC** [GB/GB]; 20 Manchester Square, London W1U 3AN (GB). **ICI AMERICAS INC.** [US/US]; 10 Finderne Avenue, Bridgewater, NJ 08807 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOUVY, Alain** [BE/BE]; Clos des Bouleaux, Berkenhof 6, B-1970 Wezembeek Oppem (BE). **MOWAFY, Zahra, M** [US/US]; 1119 Dorset Drive, West Chester, PA 19382 (US). **DEHUYNE, Bart, Simon, Alfons** [BE/BE]; Withuislaan 19, B-1700 Dilbeek (BE).
- (74) **HUMPHRIES, Martyn et al. / etc.;** Uniqema Intellectual Property, Wilton Centre, Wilton, Redcar, Cleveland TS10 4RF (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C08K 9/04, 5/1575, C08L 23/00
(11) WO 02/077094 (13) A1
(21) PCT/JP02/02876
(22) 26 Mar/mar 2002 (26.03.2002)
(25) ja (26) ja
(30) 2001-90550 27 Mar/mar 2001 JP (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DIACETAL COMPOSITION, NUCLEATING AGENT CONTAINING THE COMPOSITION FOR POLYOLEFIN, POLYOLEFIN RESIN COMPOSITION CONTAINING THE DIACETAL COMPOSITION, PROCESS FOR PRODUCING THE RESIN COMPOSITION, AND MOLDED OBJECT
- COMPOSITION DE DIACÉTAL, AGENT DE NUCLÉATION CONTENANT LA COMPOSITION POUR POLYOLÉFINE, COMPOSITION DE RÉSINE DE POLYOLÉFINE CONTENANT LA COMPOSITION DE DIACÉTAL, PROCÉDÉ DE PRODUCTION DE LA COMPOSITION DE RÉSINE, ET OBJET MOULÉ
- (71) NEW JAPAN CHEMICAL CO., LTD. [JP/JP]; 13, Yoshijima Yagura-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8224 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NOMOTO, Harutomoto [JP/JP]; Yasui Manshon B-101, 366-1, Yodo Hizume-cho, Fushimi-ku, Kyoto-shi, Kyoto 613-0901 (JP). ISHIKAWA, Masahide [JP/JP]; 39-989, Okurayama, Kohata, Uji-shi, Kyoto 611-0002 (JP). KOBAYASHI, Toshiaki [JP/JP]; 5-11-16, Suzaku, Nara-shi, Nara 631-0806 (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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C08L
(11) WO 02/077095 (13) A2
(21) PCT/US02/06422
(22) 1 Mar/mar 2002 (01.03.2002)
(25) en (26) en
(30) 09/815,637 23 Mar/mar 2001 US (23.03.2001)
- (30) 09/815,730 23 Mar/mar 2001 US (23.03.2001)
- (30) 09/815,483 26 Mar/mar 2001 US (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ANTIMICROBIAL RUBBER COMPOSITIONS
- COMPOSITIONS DE CAOUTCHOUC ANTIMICROBIEN
- (71) MILLIKEN & COMPANY [US/US]; 920 Milliken Road, Spartanburg, SC 29303 (US).
- (72) LEVER, John G.; 185 Edgcombe Road, Spartanburg, SC 29307 (US). HAAS, Geoffrey R.; 815 Shoresbrook Drive, Spartanburg, SC 29304 (US). PATEL, Bhawan; 27 Birkenhills Drive, Ladybridge, Bolton, Lancashire BL3 4TX (GB). BURKE III, William O.; 309 Fling Road, LaGrange, GA 30240 (US). KERR, Robert C.; Ousel Nest Cottage, Grange Road, Bromley Cross, Bolton, Lancashire BL7 9AX (GB).
- (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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C08L 9/02, 71/02, 71/03, G03G 15/02, 15/08, 15/16
(11) WO 02/077096 (13) A1
(21) PCT/JP02/03009
(22) 27 Mar/mar 2002 (27.03.2002)
(25) ja (26) ja
(30) 2001-90662 27 Mar/mar 2001 JP (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • RUBBER COMPOSITION AND VULCANIZATE
- COMPOSITION D'ELASTOMERE ET VULCANISAT
- (71) ZEON CORPORATION [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OHISHI, Takeshi [JP/JP]; c/o Research & Development Center, ZEON CORPORATION, 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9507 (JP). NISHIMURA, Koichi [JP/JP]; c/o Research & Development Center, ZEON CORPORATION, 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9507 (JP).
- (74) WADA, Yasuro; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8323 (JP).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ C08L 21/00, 101/00, 23/00
(11) WO 02/077097 (13) A1
(21) PCT/JP02/02637
(22) 20 Mar/mar 2002 (20.03.2002)
(25) ja (26) ja
(30) 2001-87025 26 Mar/mar 2001 JP (26.03.2001)
(30) 2001-87026 26 Mar/mar 2001 JP (26.03.2001)
(30) 2001-92315 28 Mar/mar 2001 JP (28.03.2001)
(30) 2001-92316 28 Mar/mar 2001 JP (28.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • THERMOPLASTIC ELASTOMER COMPOSITION AND PROCESS FOR PRODUCING THE SAME
- COMPOSITION ELASTOMERE THERMOPLASTIQUE ET PROCEDE DE PRODUCTION ASSOCIE
- (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) OYAMA, Hiroshi [JP/JP]; 1-9-1309, Yushudainishi, Ichihara-shi, Chiba 299-0125 (JP). OI, Nobuo [JP/JP]; 4-3-13, Saginumadai, Narashino-shi, Chiba 275-0015 (JP). NAKAISHI, Eiji [JP/JP]; 98-3205, Daijuku, Sodegaura-shi, Chiba 299-0241 (JP).
- (74) JINNO, Naoyoshi 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) CN DE KR US.
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- (51)⁷ C08L 25/04, 71/12, 21/00, 23/00, C08K 3/00
(11) WO 02/077098 (13) A1
(21) PCT/JP02/02133
(22) 7 Mar/mar 2002 (07.03.2002)
(25) ja (26) ja
(30) 2001-085435 23 Mar/mar 2001 JP (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • STYRENE POLYMER COMPOSITION AND MOLDED ARTICLE OBTAINED THEREFROM
- COMPOSITION DE POLYMÈRE DE STYRÈNE ET ARTICLE MOULÉ EN CETTE MATIÈRE
- (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) OKADA, Akihiko [JP/JP]; 1-1, Ane-sakikaigan, Ichihara-shi, Chiba 299-0107 (JP). AOYAMA, Takuma [JP/JP]; 1-1, Ane-sakikaigan, Ichihara-shi, Chiba 299-0107 (JP).
- (74) OHTANI, Tamotsu et al. / etc.; TOMOE-CHO ANNEX-II 4F, 8-27, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) US.

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

(51)⁷ C08L 27/04, C08K 5/11

(11) WO 02/077099 (13) A1

(21) PCT/JP02/02759

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-126697 22 Mar/mar 2001 JP (22.03.2001)

(30) 2001-219363 19 Jul/juil 2001 JP (19.07.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HALOGENATED RESIN COMPOSITION

• COMPOSITION DE RESINE HALOGENEE

(71) KATSUTA KAKO K.K. [JP/JP]; 6-3, Nihonbashi-umomachi 1-chome, Chuo-ku, Tokyo 103-0022 (JP). MITSUI TAKEDA CHEMICALS, INC. [JP/JP]; 2-5, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-6009 (JP).

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

(72, 75) KATSUTA, Koji [JP/JP]; c/o KATSUTA KAKO K.K., 1150, Sezakicho, Soka-shi, Saitama 340-0022 (JP). KAWAMOTO, Kiyoshi [JP/JP]; c/o KATSUTA KAKO K.K., 1150, Sezakicho, Soka-shi, Saitama 340-0022 (JP). OHNO, Makoto [JP/JP]; c/o KATSUTA KAKO K.K., 1150, Sezakicho, Soka-shi, Saitama 340-0022 (JP). MASUI, Masakazu [JP/JP]; c/o MITSUI TAKEDA CHEMICALS, INC., 17-85, Jusohonmachi 2-chome, Yodogawa-ku, Osaka 532-8686 (JP). ITO, Toshio [JP/JP]; c/o MITSUI TAKEDA CHEMICALS, INC., 2-5, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-6009 (JP).

(74) KAGAMI, Norio et al. / etc.; Akasaka Office Heights, 13-5, Akasaka 4-chome, Minato-ku, Tokyo 107-0052 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C08L 67/00

(11) WO 02/077100 (13) A2

(21) PCT/US02/04657

(22) 15 Feb/fév 2002 (15.02.2002)

(25) en (26) en

(30) 09/814,032 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOSITIONS FOR ENHANCED THERMAL BONDING

• COMPOSITIONS RENFORÇANT LA LIAISON THERMIQUE

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

(72) GRIFFITH, Nina, Cecilia; 9400 Roberts Drive 2M, Atlanta, GA 30350 (US). NING, Xin; 205 Rod Court, Alpharetta, GA 30022 (US). DAY, Bryon, P.; 520 Misty Creek, Canton, GA 30114 (US). AROCH, Maya; 39 Peachtree Hills Avenue, Atlanta, GA 30305 (US).

(74) RAUCH, Melanie, I. et al. / etc.; PAULEY PETERSEN KINNE & ERICKSON, 2800 West Higgins Road, Suite 365, Hoffman Estates, IL 60195 (US).

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

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

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)(51)⁷ C08L 69/00

(11) WO 02/077101 (13) A2

(21) PCT/EP02/02720

(22) 13 Mar/mar 2002 (13.03.2002)

(25) de (26) de

(30) 101 14 807.0 26 Mar/mar 2001 DE (26.03.2001)

(30) 101 22 495.8 10 May/mai 2001 DE (10.05.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MELT POLYCARBONATE EXHIBITING AN IMPROVED RESISTANCE TO HYDROLYSIS

• POLYCARBONATE EN FUSION A RESISTANCE AMELIOREE A L'HYDROLYSE

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

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

(72, 75) MASON, James [US/DE]; Schönwasserstr. 214 c, 47800 Krefeld (DE). EBERT, Wolfgang [DE/DE]; Doerperhofstr. 31, 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 VN YU ZA ZM ZW.

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

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)(51)⁷ C08L 71/12, C08G 65/48, C09D 171/12

(11) WO 02/077102 (13) A1

(21) PCT/US01/43499

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 09/681,381 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ABRASIVE-FILLED THERMOSET COMPOSITION AND ITS PREPARATION, AND ABRASIVE-FILLED ARTICLES AND THEIR PREPARATION

• COMPOSITION THERMODURCISABLE A CHARGE ABRASIVE, PREPARATION DE CETTE DERNIERE, ARTICLES COMPRENANT UNE CHARGE ABRASIVE ET PROCEDE DE PREPARATION DE CES DERNIERS

(71) GENERAL ELECTRIC COMPANY [US/US]; One River Road, Schenectady, NY 12345 (US).

(72) TEUTSCH, Erich, Otto; 488 Summit Road, Richmond, MA 01254 (US). YEAGER, Gary, William; 2010 Fairlawn Parkway, Schenectady, NY 12309 (US). ZARNOCH, Kenneth, Paul; 7 Horstman Drive, Scotia, NY 12302 (US). WEBB, Steven, William; 253 Weydon Road, Worthington, OH 43085 (US). GUO, Hua; 93 Dorchester Avenue, Selkirk, NY 12158 (US).

(74) HARRINGTON, Mark, F.; Harrington & Smith, LLP, 1809 Black Rock Turnpike, Fairfield, CT 06432-3504 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM 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 C08L 71/12, C08G 65/48, C09D 171/12

(11) WO 02/077103 (13) A1

(21) PCT/US01/43551

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 09/681,376 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • POLY(ARYLENE ETHER)-CONTAINING THERMOSET COMPOSITION IN POWDER FORM, METHOD FOR THE PREPARATION THEREOF, AND ARTICLES DERIVED THEREFROM

• COMPOSITION THERMODURCISABLE CONTENANT DU POLY(ARYLENE ETHER) SOUS FORME PULVERULENTE, PROCEDE DE PREPARATION DE CETTE COMPOSITION ET ARTICLES PRODUITS A PARTIR DE CETTE DERNIERE

(71) GENERAL ELECTRIC COMPANY [US/US]; One River Road, Schenectady, NY 12345 (US).

(72) ZARNOCH, Kenneth, Paul; 7 Horstman Drive, Scotia, NY 12302 (US). YEAGER, Gary, William; 2010 Fairlawn Parkway, Schenectady, NY 12309 (US). GUO, Hua; 93 Dorchester Avenue, Selkirk, NY 12158 (US).

(74) HARRINGTON, Mark, F.; Harrington & Smith, LLP, 1809 Black Rock Turnpike, Fairfield, CT 06432-3504 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM 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 C09B 48/00, 67/00

(11) WO 02/077104 (13) A1

(21) PCT/EP02/02874

(22) 14 Mar/mar 2002 (14.03.2002)

(25) en (26) en

(30) 60/277,824 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • THE USE OF AROMATIC COMPOUNDS AS PHASE DIRECTORS AND PARTICLE SIZE REDUCERS FOR QUINACRIDONE PIGMENTS

• UTILISATION DE COMPOSES AROMATIQUES COMME DIRECTEURS DE PHASE ET REDUCTEURS DE DIMENSION DE PARTICULES POUR PIGMENTS DE QUINACRIDONE

(63) US 60/277,824 (CON) 22 Mar/mar 2001 (22.03.2001)

(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) HENDI, Shivakumar, Basalingappa [US/US]; 3 Chambly Court, Newark, DE 19702 (US). JEGANATHAN, Suruliappa, Gowper [IN/US]; 2402 Windfield Court, Glen Mills, PA 19342 (US). GANCI, James, Barry [US/US]; 2213 Nassau Drive, Wilmington, DE 19810 (US).

(74) CIBA SPECIALTY CHEMICALS HOLDING INC.; 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C09B 61/00, A23K 1/16, C09K 15/06, 15/34

(11) WO 02/077105 (13) A1

(21) PCT/JP02/02789

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-081998 22 Mar/mar 2001 JP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • STABLE ASTAXANTHIN-CONTAINING POWDERY COMPOSITIONS AND PROCESS FOR PRODUCING THE SAME

• COMPOSITIONS PULVERULENTES A BASE D'ASTAXANTHINE ET PROCEDE DE PRODUCTION ASSOCIE

(71) FUJI CHEMICAL INDUSTRY CO., LTD. [JP/JP]; 55, Yokohoonji, Kamiichi-machi, Nakaniikawa-gun, Toyama 930-0397 (JP).

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

(72, 75) TANAKA, Nobukazu [JP/JP]; c/o Fuji Chemical Industry, Co., Ltd., 55, Yokohoonji, Kamiichi-machi, Nakaniikawa-gun, Toyama 930-0397 (JP). FUKAMI, Tadashi [JP/JP]; c/o Fuji Chemical Industry, Co., Ltd., 55, Yokohoonji, Kamiichi-machi, Nakaniikawa-gun, Toyama 930-0397 (JP). HOSOKAWA, Terumasa [JP/JP]; c/o Fuji Chemical Industry, Co., Ltd., 55, Yokohoonji, Kamiichi-machi, Nakaniikawa-gun, Toyama 930-0397 (JP). SHISHIDO, Takeshi [JP/JP]; c/o Fuji Chemical Industry, Co., Ltd., 55, Yokohoonji, Kamiichi-machi, Nakaniikawa-gun, Toyama 930-0397 (JP).

(74) TANAKA, Masahiro; 607, Lions Mansion Hatchobori No.2, 21-3, Hatchobori 3-chome, Chuo-ku, Tokyo 104-0032 (JP).

(81) AU CN IL 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 C09B 67/44, 57/00, 23/14, C07D 251/54, D06L 3/12, D21H 21/32

(11) WO 02/077106 (13) A1

(21) PCT/JP02/02674

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ja (26) ja

(30) 2001-82280 22 Mar/mar 2001 JP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AQUEOUS LIQUID COMPOSITION OF FLUORESCENT BRIGHTENER EXCELLENT IN DYEING CHARACTERISTICS

• COMPOSITION LIQUIDE AQUEUSE CONTENANT UN AZURANT OPTIQUE FLUORESCENT PRESENTANT D'EXCELLENTE CARACTERISTIQUES DE TEINTURE

(71) NIPPON KAYAKU KABUSHIKI KAISHA [JP/JP]; 11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo 102-8172 (JP).

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

(72, 75) YAMAGUCHI, Toru [JP/JP]; 6-7-19-203, Kamiiochiai, Saitama-shi, Saitama 338-0001 (JP). YAMAMOTO, Nobutaka [JP/JP]; 823-5, Kamihideya, Okegawa-shi, Saitama 363-0026 (JP).

(74) SAEKI, Norio; 9th floor, Taka-ai Building, 15-2, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).

(81) CA CN ID KR NO US.

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

(51)⁷ C09C

(11) WO 02/077107 (13) A2

(21) PCT/DE02/00863

(22) 12 Mar/mar 2002 (12.03.2002)

(25) de (26) de

(30) 101 15 544.1 28 Mar/mar 2001 DE (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TITANIUM DIOXIDE PIGMENT COMPOSITION

• COMPOSITION DE PIGMENTS AU DIOXYDE DE TITANE

(71) KRONOS TITAN GMBH & CO. OHG [DE/DE]; Postfach 10 07 20, 51307 Leverkusen (DE).

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

(72, 75) BENDER, Jürgen [DE/DE]; Am Sportplatz 41, 40789 Monheim (DE). BLÜMEL, Siegfried [DE/DE]; An der Deckersweide 24, 40883 Ratingen (DE). SCHMITT, Volker [DE/DE]; Kradenpuhl 42, 42799 Leichlingen (DE). VIELHABER-KIRSCH, Brigitte [DE/DE]; Brüderstr. 8 b, 51491 Overath (DE).

(81) BR CA CZ JP NO PL US.

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

(51)⁷ C09D

(11) WO 02/077108 (13) A2

(21) PCT/US02/08782

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 60/277,423 21 Mar/mar 2001 US
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CO-OPERATING MECHANICAL SUB-ASSEMBLIES FOR A SCANNING CARRIAGE, DIGITAL WIDE-FORMAT COLOR INKJET PRINT ENGINE

- SOUS-ENSEMBLES MECANQUES COOPERANTS POUR IMPRIMANTE NUMERIQUE GRAND FORMAT A JET D'ENCRE, A CHARIOT BALAYEUR

(71) MACDERMID COLORSPAN, INC. [US/US]; 6900 Shady Oak Road, Eden Prairie, MN 55344 (US).

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

(72, 75) BARCLAY, Aaron, G. [—/US]; 3397 Spring Glen Circle, Prior Lake, MN 55372 (US). NORDENSTROM, Dale, G. [—/US]; 2844 17th Terrace NW, New Brighton, MN 55112 (US). JANKOVICH, Daniel, L. [—/US]; 5310 Drew Avenue South, Minneapolis, MN 55410 (US). SHELL, Dennis, B. [—/US]; 7243 40th Street West, Webster, MN 55088 (US). MATZ, Ivor, F. [—/US]; 3220 Edgemere NE, St. Anthony, MN 55418 (US). KNAACK, John, L. [—/US]; 11303 Sibley Drive, Burnsville, MN 55337 (US). ANDERSON, Kerry, R. [—/US]; 17353 Faraday Court, Lakeville, MN 55024 (US). CAMPION, Kevin, R. [—/US]; 15400 Highland Heights Drive, Minnetonka, MN 55345 (US). GONIER, Larry, W. [—/US]; 4867 Bryce Avenue E., Inver Grove Heights, MN 55076 (US). OLSEN, Mark, E. [—/US]; 139th Street W., Savage, MN 55378 (US). MALECHA, Peter, E. [—/US]; 14175 Bluebird Trail NE, Prior Lake, MN 55375 (US). LADAS, Peter, N. [—/US]; 3830 Union Terrace Lane, Plymouth, MN 55441 (US). BIGAOUTTE, Richard, J. [—/US]; 2362 Manuela Drive, Chaska, MN 55318 (US). SCHMIDT, Robert, A. [—/US]; 4523 Hummingbird Trail NE, Prior Lake, MN 55372 (US). LIDKE, Steven, L. [—/US]; 300 Pond View Lane, Chaska, MN 55318 (US). KRAGTORP, Wade, A. [—/US]; 4545 Valley View Road, Apt. 1K, Edina, MN 55424 (US).

(74) CORDANI, John, L.; Carmody & Torrance LLP, 50 Leavenworth Street, P.O. Box 1110, Waterbury, CT 06721-1110 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C09D 4/00

(11) WO 02/077109 (13) A2

(21) PCT/US01/45578

(22) 31 Oct/oct 2001 (31.10.2001)

(25) en (26) en

(30) 09/702,341 31 Oct/oct 2000 US
(31.10.2000)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RADIATION CURABLE COATING FOR THERMOPLASTIC SUBSTRATES

- REVETEMENT DURCISSABLE PAR RAYONNEMENT POUR SUBSTRATS THERMOPLASTIQUES

(71) VALSPAR SOURCING, INC. [US/US]; 1101 South Third Street South, Minneapolis, MN 55414 (US).

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

(72, 75) MCCOMAS, Jerry [US/US]; 1381 Echo Bend, Greenwood, IN 46142 (US).

CLARK, Peter [US/US]; 289 Edgewood Drive., Hudson, WI 54016 (US).

(74) LAMMERT, Steven, R.; 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 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 C09D 5/18

(11) WO 02/077110 (13) A1

(21) PCT/GB02/01393

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 0107172.9 22 Mar/mar 2001 GB
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FIRE RETARDANT INTUMESCENT COATING

- REVETEMENT INTUMESCENT RETARDATEUR DE FLAMME

(71) CHANCE & HUNT LIMITED [GB/GB]; Alexander House, Crown Gate, Runcorn, Cheshire WA7 2UP (GB). FERRO (GB) LIMITED [GB/GB]; Westgate, West Midlands WS9 8YH (GB).

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

(72, 75) SINCLAIR, Michael, John [GB/GB]; Royal Lodge, Royal Lane, Eaton, Tarporley, Cheshire CW6 9AA (GB). WATTS, James, Edward [GB/GB]; 56 Berkeley Road, Kenilworth, Warwickshire CV8 1AP (GB).

(74) MCPHERSON, Alexander; 15 Valley Road, Weaverham, Northwich, Cheshire CW8 3PP (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C09D 7/02

(11) WO 02/077111 (13) A1

(21) PCT/GB02/00187

(22) 17 Jan/jan 2002 (17.01.2002)

(25) en (26) en

(30) 0107183.6 22 Mar/mar 2001 GB
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PAINT COMPOSITIONS

- COMPOSITIONS DE PEINTURES

(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) THETFORD, Dean [GB/GB]; P.O. Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB). SCHOFIELD, John, David [GB/GB]; P.O. Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB).

(74) FAWKES, David, Melville et al. / etc.; Intellectual Property Group, Avecia Limited, P.O. Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB).

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

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

(51)⁷ C09D 163/00, 5/16

(11) WO 02/077112 (13) A1

(21) PCT/NL01/00070

(22) 1 Feb/fév 2001 (01.02.2001)

(25) nl (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • UNDERWATER COATING BASED ON EPOXY

- REVETEMENT SOUS-MARIN A BASE D'EPOXY

(71, 72) STRENG, Theodorus, Wilhelmus [NL/NL]; Weegbree 10, NL-2771 LH Boskoop (NL).

(74) PRINS, A., W. et al. / etc.; Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).

(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 GW ML MR NE SN TD TG).

(51)⁷ C09D 167/00, 7/12, B32B 27/36

(11) WO 02/077113 (13) A1

(21) PCT/JP02/02820

(22) 25 Mar/mar 2002 (25.03.2002)

(25) ja (26) ja

(30) 2001-89624 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RESIN COMPOSITION FOR PAINT

• COMPOSITION DE RESINE POUR PEINTURE

(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) FUJITA, Mahito [JP/JP]; 2-1-3-1018, Shinhimoodai, Sakai-shi, Osaka 590-0143 (JP). NAITOH, Shigeki [JP/JP]; 2-8-A6-107, Yamadanishi, Suita-shi, Osaka 565-0824 (JP).

(74) JINNO, Naoyoshi et al. / etc.; c/o Sumitomo Chemical Intellectual Property Service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C09D 193/04

(11) WO 02/077114 (13) A1

(21) PCT/KR02/00454

(22) 15 Mar/mar 2002 (15.03.2002)

(25) ko (26) en

(30) 2001-0013601 16 Mar/mar 2001 KR (16.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOSITION OF NATURAL OIL RESIN FOR REDUCING DRY TIME AND MANUFACTURING METHOD OF THE SAME AND COMPOSITION OF NATURAL PAINT HAVING THE SAME

• COMPOSITION DE RESINE HUILEUSE NATURELLE PERMETTANT

DE REDUIRE LE TEMPS DE SECHAGE, PROCEDE DE FABRICATION DE CETTE COMPOSITION DE RESINE ET COMPOSITION DE PEINTURE NATURELLE CONTENANT CETTE COMPOSITION DE RESINE

(71) YUHA NATURAL PEINT CO., LTD. [KR/KR]; Suite 1202, Ajoo Bldg., Seoul Venture Town, 679-5, Yuksam-Dong, Seoul 135-916 (KR).

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

(72, 75) KIM, Jong-Ho [KR/KR]; 870-139, Hadan 2-dong, Sasha-ku, Pusan 604-851 (KR).

(74) GAM, Dong-Hoon et al. / etc.; N^o 201, New Seoul Bldg. 828-8, Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AT AU BR CA CH CN DE DK ES FI GB IL JP LU NO NZ PL PT RU SE SG TR US.

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

(51)⁷ C09J 7/02

(11) WO 02/077115 (13) A1

(21) PCT/US02/08505

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 2001-81097 21 Mar/mar 2001 JP (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DECORATIVE ADHESIVE FILMS

• PELLICULES ADHESIVES DECORATIVES

(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) SAKURAI, Aizo [JP/JP]; Blanche O-3, Naruse 4617, Machida, Tokyo 194-0044 (JP). CHISAKA, Hajime [JP/JP]; 4-7-14-7, Midaregawa, Tendo, Yamagata 994-0002 (JP). MORI, Yutaka [JP/JP]; 2-30-1-102, Mejiro-dai, Hachioji, Tokyo 193-0833 (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C09K 3/00, C09D 185/00, 133/16, G02B 1/10, B32B 27/30

(11) WO 02/077116 (13) A1

(21) PCT/JP02/02646

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ja (26) ja

(30) 2001-80352 21 Mar/mar 2001 JP (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SURFACE-TREATING AGENT COMPRISING INORGANIC/ORGANIC COMPOSITE MATERIAL

• AGENT DE TRAITEMENT DE SURFACE COMPRENANT UNE MATIERE COMPOSITE INORGANIQUE/ORGANIQUE

(71) DAIKIN INDUSTRIES, LTD. [JP/JP]; Umeda Center Building, 4-12, Nakazakiniishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).

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

(72, 75) SATOH, Kazuyuki [JP/JP]; c/o Yodogawa Works of DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). SAKAI, Mihoko [JP/JP]; c/o Yodogawa Works of DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). ARAKI, Takayuki [JP/JP]; c/o Yodogawa Works of DAIKIN INDUSTRIES, LTD., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (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) 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 C09K 5/00

(11) WO 02/077117 (13) A2

(21) PCT/US02/08326

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 09/813,501 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AZEOTROPE-LIKE COMPOSITION OF 1,1,1,3,3-PENTAFLUOROPROPANE AND 1-CHLORO-1,1,3,3,3-PENTAFLUOROPROPANE

• COMPOSITION DE TYPE AZEOTROPE CONTENANT DU 1,1,1,3,3-PENTAFLUOROPROPANE ET DU 1-CHLORO-1,1,3,3,3-PENTAFLUOROPROPANE

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) COOK, Kane, David; 63 Gresham Drive, Eggertsville, NY 14226 (US). TUNG, Hsueh, Sung; 16 Vasser Drive, Getzville, NY 14068 (US). SINGH, Rajiv, Ratna; 18 Foxfire Drive, Getzville, NY 14068 (US).

(74) CRISS, Roger, H. et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC 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 CH CY DE DK ES FI FR GB GR IE IT 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 C09K 7/02, C08B 37/08

(11) WO 02/077118 (13) A1

(21) PCT/US01/09670

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CHITOSAN-CONTAINING WELL DRILL AND SERVICING FLUIDS
• FLUIDES DE FORAGE ET D'ENTRETIEN DE Puits RENFERMANT DU CHITOSANE

(71) VENTURE INNOVATIONS, INC. [US/US]; 106 Board Road, Lafayette, LA 70508 (US).

(72) HOUSE, Roy, F.; 5726 Ettrick Street, Houston, TX 77035 (US). COWAN, Jack, C.; 409 Lippi Boulevard, Lafayette, LA 70508 (US).

(74) HOUSE, Roy, F.; 5726 Ettrick Drive, Houston, TX 77035 (US).

(81) AU CA NO.

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

(51)⁷ C09K 11/08, H01J 9/227

(11) WO 02/077119 (13) A1

(21) PCT/JP02/02096

(22) 7 Mar/mar 2002 (07.03.2002)

(25) ja (26) ja

(30) 2001-76466 16 Mar/mar 2001 JP (16.03.2001)

(30) 2002-51265 27 Feb/fév 2002 JP (27.02.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PHOSPHOR PARTICLES AND METHOD FOR PREPARATION THEREOF, DISPLAY PANEL AND METHOD FOR MANUFACTURE THEREOF, AND PLANE DISPLAY DEVICE AND METHOD FOR MANUFACTURE THEREOF

• PARTICULES DE PHOSPHORE ET PROCEDE DE FABRICATION, PANNEAU D'AFFICHAGE ET PROCEDE DE FABRICATION, ET DISPOSITIF D'AFFICHAGE PLAT ET PROCEDE DE FABRICATION

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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

(72, 75) ITO, Yasushi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). IGARASHI, Takahiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). HAYASHI, Shuji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). OHNO, Katsutoshi [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa

6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KUSUNOKI, Tsuneo [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) YAMAMOTO, Takahisa; Room 301, Akiba Building, 3-2, Ohsaki 4-chome, Shinagawa-ku, Tokyo 141-0032 (JP).

(81) CN KR SG US.

Published / Publiée : (b)

(51)⁷ C09K 13/00, 13/06, 13/08

(11) WO 02/077120 (13) A1

(21) PCT/US02/09401

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 09/818,073 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AQUEOUS CLEANING COMPOSITION CONTAINING COPPER-SPECIFIC CORROSION INHIBITOR FOR CLEANING INORGANIC RESIDUES ON SEMICONDUCTOR SUBSTRATE

• COMPOSITION DE NETTOYAGE AQUEUSE RENFERMANT UN INHIBITEUR DE CORROSION SPECIFIQUE AU CUIVRE, DESTINEE AU NETTOYAGE DE RESIDUS INORGANQUES SITES SUR DES SUBSTRATS SEMI-CONDUCTEURS

(71) ADVANCED TECHNOLOGY MATERIALS, INC. [US/US]; 7 Commerce Drive, Danbury, CT 06810 (US).

(72) WOJTCZAK, William, A.; 6803 Rio Bravo Lane, Austin, TX 78737 (US). SEIJO, Fatima, Ma.; 24155 Zorro Court, Hayward, CA 94541 (US). BERNHARD, David; 33 Butterfield Road, Newtown, CT 06470 (US). NGUYEN, Long; 3846 Glengrove Way, San Jose, CA 95121 (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 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 C09K 21/02, 21/14, C08K 9/06, C08L 101/00, C01F 5/14

(11) WO 02/077121 (13) A1

(21) PCT/JP02/02557

(22) 18 Mar/mar 2002 (18.03.2002)

(25) ja (26) ja

(30) 2001-090615 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FLAME RETARDANT, METHOD FOR PREPARATION THEREOF AND

FLAME-RETARDANT RESIN COMPOSITION

• PRODUIT IGNIFUGE, PROCEDE DE PRODUCTION ASSOCIE ET COMPOSITION DE RESINE IGNIFUGE

(71) KYOWA CHEMICAL INDUSTRY CO., LTD. [JP/JP]; 305, Yashimanishimachi, Takamatsu-shi, Kagawa 761-0113 (JP).

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

(72, 75) KANEMOTO, Kazumasa [JP/JP]; c/o Research and Development Department, Kyowa Chemical Industry Co., Ltd., 4285, Hayashida-cho, Sakaide-shi, Kagawa 762-0012 (JP).

(74) OHSHIMA, Masataka; Ohshima Patent Office, Fukuya Bldg., 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).

(81) US.

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

(51)⁷ C10B 25/14

(11) WO 02/077122 (13) A1

(21) PCT/EP02/01887

(22) 22 Feb/fév 2002 (22.02.2002)

(25) de (26) de

(30) 101 13 891.1 21 Mar/mar 2001 DE (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE FOR LIFTING AND REMOVING OVEN DOORS OF A COKING OVEN

• DISPOSITIF POUR SOULEVER ET ENLEVER DES PORTES DE FOURS A COKE

(71) THYSSEN KRUPP ENCOKE GMBH [DE/DE]; Christstrasse 9, 44789 Bochum (DE).

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

(72, 75) KNOCH, Ralf [DE/DE]; Devensstrasse 80, 45899 Gelsenkirchen (DE).

(74) ALBRECHT, Rainer; Andrejewski, Honke & Sozien, Theaterplatz 3, 45127 Essen (DE).

(81) BR CA CN JP KR US.

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

(51)⁷ C10B 57/04, 57/06

(11) WO 02/077123 (13) A1

(21) PCT/JP01/09846

(22) 9 Nov/nov 2001 (09.11.2001)

(25) ja (26) ja

(30) 2001-76364 16 Mar/mar 2001 JP (16.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR PRODUCING COKE FOR BLAST FURNACE HAVING HIGH STRENGTH

• PROCEDE DE PRODUCTION DE COKE A HAUTE RESISTANCE POUR HAUTS FOURNEAUX

(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) **KATO, Kenji** [JP/JP]; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). **SAITO, Koji** [JP/JP]; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP).
- (74) **ISHIDA, Takashi** et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).
- (81) AU 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 C10G 2/00

(11) WO 02/077124 (13) A2

(21) PCT/US02/08005

(22) 1 Mar/mar 2002 (01.03.2002)

(25) en (26) en

(30) 09/818,438 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • INTEGRATED BITUMEN PRODUCTION AND GAS CONVERSION
- PROCESSUS INTEGRE DE PRODUCTION DE BITUME ET DE TRANSFORMATION DES GAZ

(71) **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; P.O. Box 900, 1545 Route 22 East, Annandale, NJ 08801-0900 (US).

(72) **DAVIS, Stephen, Mark**; 209 Yvonne Way, Stewartville, NJ 08886 (US). **MATTURRO, Michael, Gerard**; 41 York Street, Lambertville, NJ 08530 (US).

(74) **SIMON, Jay** et al. / etc.; ExxonMobil Research and Engineering Company, P.O. Box 900, 1545 Route 22 East, 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 CH CY DE DK ES FI FR GB GR IE IT 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 C10J

(11) WO 02/077125 (13) A2

(21) PCT/RU02/00121

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ru (26) ru

(30) 2001107985 26 Mar/mar 2001 RU (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • CATALYST AND METHOD FOR PRODUCING SYNTHESIS GAS BY HYDROCARBON CONVERSION

- CATALYSEUR ET PROCEDE DE FABRICATION DE GAZ SYNTHETIQUE PAR LA CONVERSION D'HYDROCARBURES

(71) **INSTITUT KATALIZA IMENI G.K.BORESKOVA SIBIRSKOGO OTDELENIYA ROSSIISKOI AKADEMII NAUK** [RU/RU]; pr. Akademika Lavrentieva, 5, Novosibirsk, 630090 (RU).

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(72, 75) **YURYEVA, Tamara Mihailovna** [RU/RU]; ul. Kosmodamianskaya, 4/22b-133, Moscow, 113035 (RU). **ITENBERG, Isabella Shenderovna** [RU/RU]; ul. Akademicheskaya, 25-40, Novosibirsk, 630090 (RU). **KUSTOVA, Galina Nikolaevna** [RU/RU]; ul. Detsky proezd, 3-21, Novosibirsk, 630090 (RU). **DEMESHKINA, Margarita Petrovna** [RU/RU]; ul. Tzvetnoi proezd, 9-32, Novosibirsk, 630090 (RU). **BOBROVA, Irina Ivanovna** [RU/RU]; ul. Tereshkovoï, 10-4, Novosibirsk, 630090 (RU). **ZOLOTARSKII, Ilya Alexandrovich** [RU/RU]; ul. Demakova, 17-45, Novosibirsk, 630128 (RU). **MINYUKOVA, Tatyana Petrovna** [RU/RU]; ul. Morskoi prospekt, 60-3, Novosibirsk, 630090 (RU). **PARMON, Valentin Nikolaevich** [RU/RU]; ul. Voevodskogo, 1-1, Novosibirsk, 630072 (RU). **KHASIN, Alexandr Alexandrovich** [RU/RU]; ul. Kosmodamianskaya, 4/22b-133, Moscow, 113035 (RU).

(74) **INSTITUT KATALIZA IMENI G.K.BORESKOVA SIBIRSKOGO OTDELENIYA ROSSIISKOI AKADEMII NAUK**; pr. Akademika Lavrentieva, 5, Novosibirsk, 630090 (RU).

(81) AE AT AU BG BR BY CA CN CO CZ DE DK EE ES FI GB GE HU ID IL IN JP KG KP KR KZ MK MN NO NZ PL PT RO SD SE TJ TM TR UA US 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).

(51)⁷ C10L 1/06, F02D 19/08

(11) WO 02/077126 (13) A1

(21) PCT/US02/09500

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/818,210 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • TUNING FUEL COMPOSITION FOR DRIVING CYCLE CONDITIONS IN SPARK IGNITION ENGINES

- REGLAGE DE LA COMPOSITION DE COMBUSTIBLES POUR DES CONDITIONS DE CYCLE D'ENTRAÎNEMENT DANS DES MOTEURS A ALLUMAGE PAR BOUGIE

(71) **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US). **TOYOTO JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP). **KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO** [JP/JP]; 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi-ken 480-1192 (JP).

(72) **WEISSMAN, Walter**; 6 Dickens Road, Basking Ridge, NJ 07920 (US). **FARRELL, John, T.**; 4 Highland Avenue, High Bridge, NJ 08829 (US). **SCHILLOWITZ, Alan, Mark**; 15 North 6th Avenue, Highland Park, NJ 08904 (US). **JOHNSON, John, E.**; 43 Skyline Drive, Warren, NJ 07059 (US). **UEDA, Takanori**; 2-21-13 Senpukugaoka, Susona, Shizuoka 410-1115 (JP). **AKIHAMA, Kazuhiro**; 1-502 1726-1 Narukute, Kitaharayama, Owariasahi-Aichi 488-0064 (US).

(74) **BAKUN, Estelle, C.** et al. / etc.; ExxonMobil Research and Engineering Company, P.O. Box 900, 1545 Route 22 East, 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 CH CY DE DK ES FI FR GB GR IE 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 C10L 1/08

(11) WO 02/077127 (13) A2

(21) PCT/US02/07519

(22) 1 Mar/mar 2002 (01.03.2002)

(25) en (26) en

(30) 09/818,436 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • PROCESS FOR PRODUCING A DIESEL FUEL STOCK FROM BITUMEN AND SYNTHESIS GAS

- PROCEDE PERMETTANT LA PRODUCTION D'UNE HUILE DE BASE DE CARBURANT DIESEL A PARTIR DE BITUME ET D'UN GAZ DE SYNTHESE

(71) **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

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

(72, 75) **DAVIS, Stephen, Mark** [—/US]; 209 Yvonne Way, Stewartville, NJ 08886 (US). **MATTURRO, Michael, Gerard** [—/US]; 41 York Street, Lambertville, NJ 08530 (US).

(74) **SIMON, Jay** et al. / etc.; ExxonMobil Research and Engineering Company, P.O. Box 900, 1545 Route 22 East, 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 CH CY DE DK ES

FI FR GB GR IE IT 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 1/08

(11) WO 02/077128 (13) A2

(21) PCT/US02/08006

(22) 1 Mar/mar 2002 (01.03.2002)

(25) en (26) en

(30) 09/818,439 27 Mar/mar 2001 US
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PRODUCTION OF DIESEL FUEL
FROM BITUMEN

• PRODUCTION DE CARBURANT DIESEL
A PARTIR DU BITUME

(71) EXXONMOBIL RESEARCH AND EN-
GINEERING COMPANY [US/US]; P.O.
Box 900, 1545 Route 22 East, Annandale, NJ
08801-0900 (US).

(72) DAVIS, Stephen, Mark; 209 Yvonne
Way, Stewartsville, NJ 08886 (US). MAT-
TURRO, Michael, Gerard; 41 York Street,
Lambertville, NJ 08530 (US).

(74) SIMON, Jay et al. / etc.; ExxonMobil Re-
search and Engineering Company, P.O. Box
900, 1545 Route 22 East, 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 CH CY DE DK ES
FI FR GB GR IE IT 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 1/18, C10M 129/70

(11) WO 02/077129 (13) A1

(21) PCT/US02/08386

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 09/815,366 22 Mar/mar 2001 US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FUEL REFORMULATOR

• REFORMULATEUR DE COMBUS-
TIBLE

(71) J.T. GRANATELLI LUBRICANTS, INC.
[US/US]; 19345 Ventura Boulevard, Suite
203, Tarzana, CA 91357 (US).

(72) PODLIPSKIY, Vladimir Y.; 7143 Blakstad
Court, San Diego, CA 92126 (US).

(74) NYDEGGER, Neil, K. et al. / etc.; Ny-
degger & Associates, 348 Olive Street, San
Diego, CA 92103 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 1/22

(11) WO 02/077130 (13) A2

(21) PCT/GB02/01257

(22) 15 Mar/mar 2002 (15.03.2002)

(25) en (26) en

(30) 60/278,847 26 Mar/mar 2001 US
(26.03.2001)

(30) 0118648.5 31 Jul/juil 2001 GB
(31.07.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOSITION

• COMPOSITION

(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).

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les États désignés sauf US)

(72, 75) HENRY, Cyrus, Pershing [US/US];
2231 Rosewood Drive, Delaware, DE 19810
(US). PINCH, David, Leonard [GB/GB];
5 Burdett Avenue, Wirral CH63 9YY (GB).
SNEDDON, Andrea [GB/GB]; Broom Cot-
tage, 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 10/02

(11) WO 02/077131 (13) A2

(21) PCT/US02/06137

(22) 26 Feb/fév 2002 (26.02.2002)

(25) en (26) en

(30) 60/278,011 22 Mar/mar 2001 US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND COMPOSITION FOR
USING ORGANIC, PLANT-DERIVED,
OIL-EXTRACTED MATERIALS IN
FOSSIL FUELS FOR REDUCED EMIS-
SIONS

• PROCEDE ET COMPOSITION PER-
METTANT D'UTILISER, DANS DES
COMBUSTIBLES FOSSILES, DES MA-
TERIAUX ORGANIQUES DERIVES
DE PLANTES ET EXTRAITS D'UNE
HUILE, AFIN DE REDUIRE LES EMIS-
SIONS

(71) ORYXE ENERGY INTERNATIONAL,
INC. [US/US]; 6 Thomas Avenue, Irvine,
CA 92618 (US).

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

(72, 75) JORDAN, Frederick, L. [US/US]; 2051
La Colina Drive, Santa Ana, CA 92705 (US).

(74) ALTMAN, Daniel, E.; Knobbe, Martens,
Olson & Bear, LLP, 620 Newport Center
Drive, 16th Floor, Newport Beach, CA 92660
(US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 10/04, 1/00, 1/12, F23J 7/00, F23K
5/08

(11) WO 02/077132 (13) A1

(21) PCT/JP02/02661

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ja (26) ja

(30) 2001-084134 23 Mar/mar 2001 JP
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FUEL ADDITIVE FOR PREVENT-
ING SLAGGING AND METHOD FOR
BURNING FUEL

• ADDITIF ANTI-SCORIFICATION
POUR COMBUSTIBLE, ET PROCÉDÉ
DE COMBUSTION DE COMBUSTIBLE

(71) TAIHO INDUSTRIES CO., LTD. [JP/JP];
21-44, Takanawa 2-chome, Minato-ku, Tokyo
108-0074 (JP).

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

(72, 75) SHOUJI, Masaki [JP/JP]; 3-1-1,
Kasumi 4-chome, Narashino-shi, Chiba
275-0022 (JP). ONOZAWA, Teruo [JP/JP];
276-8, Nishi-koiso, Oisocho, Naka-gun,
Kanagawa 275-0005 (JP). NAKAI, Shigeru
[JP/JP]; 40-1(1-123), Ooya, Ebina-shi, Kana-
gawa 243-0411 (JP).

(74) FUKUDA, Kenzo et al. / etc.; Kashiwaya
Bldg. 2F, 6-13, Nishishinbashi 1-chome, Mi-
nato-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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 C10M
(11) WO 02/077133 (13) A2
(21) PCT/US02/07405
(22) 6 Mar/mar 2002 (06.03.2002)
(25) en (26) en
(30) 60/278,052 22 Mar/mar 2001 US
(22.03.2001)
(30) 60/290,081 10 May/mai 2001 US
(10.05.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • ENGINE LUBRICANT USING MOLYB-
DENUM DITHIOCARBAMATE AS AN
ANTIOXIDANT TOP TREATMENT IN
HIGH SULFUR BASE STOCKS
• LUBRIFIANT MOTEUR UTILISANT
UN DITHIOCARBAMATE DE MO-
LYBDENE COMME TRAITEMENT
ANTIOXYDANT OPTIMAL DANS
DES BASES A HAUTE TENEUR EN
SOUFRE

(71) THE LUBRIZOL CORPORATION
[US/US]; 29400 Lakeland Boulevard, Wick-
liffe, OH 44092-2298 (US).

(72) KELLEY, Jack C.; 8680 Peppermill Run,
Chagrin Falls, OH 44023 (US).

(74) SHOLD, David, M. et al. / etc.; The Lubri-
zol Corporation, 29400 Lakeland Boulevard,
Wickliffe, OH 44092-2298 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG 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 C10M 137/10, 137/02, 133/12
(11) WO 02/077134 (13) A1
(21) PCT/US02/07522
(22) 5 Mar/mar 2002 (05.03.2002)
(25) en (26) en
(30) 60/279,092 27 Mar/mar 2001 US
(27.03.2001)
(30) 10/041,321 8 Jan/jan 2002 US
(08.01.2002)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • LONG-LIFE LUBRICATING OIL WITH
WEAR PREVENTION CAPABILITY
• HUILE LUBRIFIANTE LONGUE
DURÉE À EFFET PRÉVENTIF SUR
L'USURE

(71) EXXONMOBIL RESEARCH AND EN-
GINEERING COMPANY [US/US]; 1545
Route 22 East, P.O. Box 900, Annandale, NJ
08801-0900 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) BUTLER, Kevin, David [—/CA]; 928
Hay Court, Sarnia, Ontario N7S 3G7 (CA).

(74) ALLOCCA, Joseph, J. et al. / etc.; Exxon-
Mobil Research and Engineering Company,
P.O. Box 900, Annandale, NJ 08801-0900
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ 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 C10M 169/04 // (C10M 107/34, 129:10,
129:14, 129:34, 129:76, 133:12, 133:40,
133:44, 133:46, 137:04, 137:08)

(11) WO 02/077135 (13) A1
(21) PCT/GB02/01073
(22) 8 Mar/mar 2002 (08.03.2002)
(25) en (26) en
(30) 0107502.7 26 Mar/mar 2001 GB
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPRESSOR LUBRICANT COMPO-
SITIONS
• COMPOSITIONS LUBRIFIANTES POUR
COMPRESSEUR

(71) IMPERIAL CHEMICAL INDUSTRIES
PLC [GB/GB]; 20 Manchester Square, Lon-
don W1U 3AN (GB).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) RANGLES, Steven, James [GB/GB];
22 Vernon Court, Stainton, Middlesbrough,
Cleveland TS8 9DQ (GB). CORNER,
Mitchell [GB/GB]; 26 Broxa Close, Redcar,
Cleveland TS10 4HX (GB). THOMPSON,
Robert, Ian, George [GB/GB]; 53 Fulmer-
ton Crescent, Redcar, Cleveland TS10 4NJ
(GB).

(74) GRAHAM, John, George et al. / etc.;
Uniqema Intellectual Property Department,
Wilton Centre, Wilton, Redcar TS10 4RF
(GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 C10M 169/04
(11) WO 02/077136 (13) A2
(21) PCT/IB02/00838
(22) 19 Mar/mar 2002 (19.03.2002)
(25) en (26) en
(30) 09/816,656 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPROVED CONCRETE PILE MADE
OF SUCH A CONCRETE AND
METHOD FOR DRILLING A HOLE
ADAPTED FOR RECEIVING THE IM-
PROVED CONCRETE PILE IN A WEAK
GROUND
• PIEU EN BETON AMELIORE ET PRO-
CEDE POUR PERCER DANS UN SOL
DE FAIBLE COHESION UN TROU
DESTINE A RECEVOIR LE PIEU EN
BETON AMELIORE

(71) MENARD SOLTRAITEMENT [FR/FR];
2, rue Gutenberg, F-91620 Nozay (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) COGNON, Jean-Marie [FR/FR]; 14,
avenue Diderot, F-92330 Sceaux (FR).

(74) PICHAT, Thierry et al. / etc.; Lerner & As-
sociés, 5, rue Jules Lefebvre, 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 CH CY DE DK ES
FI FR GB GR IE IT 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 C10M 169/06, 115/08
(11) WO 02/077137 (13) A1
(21) PCT/US02/00723
(22) 11 Jan/jan 2002 (11.01.2002)
(25) en (26) en
(30) 09/817,415 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LOW FRICTION GREASE FOR CON-
STANT VELOCITY UNIVERSAL
JOINTS
• GRAISSE FAIBLE FROTTEMENT
POUR JOINTS HOMOCINETIQUES

(71) EXXONMOBIL RESEARCH AND EN-
GINEERING COMPANY [US/US]; P.O.
Box 900, 1545 Route 22 East, Annandale, NJ
08801-0900 (US).

(72) LESLIE, Walter, Logan; 1105 SW Trail
Ridge Lane, Lee's Summit, MO 64081 (US).
ROOT, Jon, Carl; 9000 Lee Blvd., Leawood,
KS 66206 (US).

(74) **ALLOCCA, Joseph, J. et al. / etc.**; Exxon-Mobil Research and Engineering Company, P.O. Box 900, 1545 Route 22 East, 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 CH CY DE DK ES FI FR GB GR IE IT 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 C10M 177/00, C08F 6/00, 6/06

(11) WO 02/077138 (13) A1

(21) PCT/US02/05907

(22) 26 Feb/fév 2002 (26.02.2002)

(25) en (26) en

(30) 09/817,379 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR REMOVAL OF ODOR FROM POLY α -OLEFINS

• PROCEDE D'ELIMINATION DES ODEURS PROVENANT DE POLY-ALPHAOLEFINES

(71) **EXXONMOBIL CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).

(72) **SURANA, Phil**; 122 Sunnyvale Court, Somers, NJ 08873 (US). **YANG, Norman**; 2 Normandy Drive, Westfield, NJ 07090 (US).

(74) **MORENO, Louis, N. et al. / etc.**; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

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

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

(51)⁷ C11B 1/10

(11) WO 02/077139 (13) A1

(21) PCT/US02/07174

(22) 8 Mar/mar 2002 (08.03.2002)

(25) en (26) en

(30) 09/801,440 8 Mar/mar 2001 US (08.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROCESS AND SYSTEM FOR REMOVING OIL FROM FOODSTUFFS USING A MEMBRANE FILTER

• PROCEDE ET SYSTEME POUR RETIRER L'HUILE DE DENREES ALIMENTAIRES A L'AIDE D'UN FILTRE A MEMBRANE

(71) **COCOTECH, INC.** [US/US]; 617 Heron Drive, Swedesboro, NJ 08085-1741 (US).

(72) **TROUT, Richard, B.**; 914 Twyckenham Road, Media, PA 19063 (US).

(74) **LEWIS, Christopher, R. et al. / etc.**; Ratner & Prestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C11D 1/825, 1/83, 1/94 // 1:74, 1:66, 1:14, 1:90, 1:29, 1:72

(11) WO 02/077140 (13) A1

(21) PCT/EP02/02821

(22) 14 Mar/mar 2002 (14.03.2002)

(25) de (26) de

(30) 101 14 172.6 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • WASHING-UP LIQUID FOR MANUAL USE

• PRODUITS DE VAISSELLE MANUELLE

(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) **SYLDATH, Andreas** [DE/DE]; Lottenstrasse 51, 40789 Monheim (DE). **BEHLER, Ansgar** [DE/DE]; Siegfriedstrasse 80, 46240 Bottrop (DE).

(81) JP US.

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

Published / Publiée : (c)

(51)⁷ C11D 1/86, 3/22, 3/08, 3/386, 3/20, 3/39, 3/10

(11) WO 02/077141 (13) A1

(21) PCT/PL01/00024

(22) 22 Mar/mar 2001 (22.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PHOSPHATE-FREE POWDER DETERGENT COMPOSITION AND METHOD FOR PRODUCTION

• COMPOSITION DETERGENTE EN POUDRE SANS PHOSPHATES ET SON PROCEDE DE PRODUCTION

(71, 72) **KACHUR, Olexandr** [UA/UA]; ul. Kuibesewa 60/24 ap. 121, Simferopol 95004 (UA). **TSYMBAL, Viktor** [UA/PL]; ul. Lni-ana 11 A, PL-81-015 Gdynia (PL).

(74) **GROSZKOWSKI, Przemyslaw**; ul. Kazury 4/34, PL-02-795 Warszawa (PL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 GW ML MR NE SN TD TG).

(51)⁷ C11D 3/37, 1/82, 17/00

(11) WO 02/077142 (13) A1

(21) PCT/US02/05651

(22) 25 Feb/fév 2002 (25.02.2002)

(25) en (26) en

(30) 01870063.3 26 Mar/mar 2001 EP (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOSITON FOR CLEANING A HARD SURFACE

• COMPOSITION POUR NETTOYER UNE SURFACE DURE

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **CERMENATI, Laura**; Piazza Ippolito Nievo 5, Scala B, I-00153 Roma (IT). **TOMARCHIO, Vincenzo**; Via Giovanni Gorgone 54, I-91001 Alcamo TP (IT). **PAPADAKI, Maria**; Via Remo Pannain 34, I-00165 Roma (IT).

(74) **REED, David, T. et al. / etc.**; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

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

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

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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)
(f) for all designations / pour toutes les désignations

(51)⁷ C11D 3/37

(11) WO 02/077143 (13) A1

(21) PCT/US02/08421

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 60/277,569 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HAND DISHWASHING COMPOSITION

• COMPOSITION POUR LAVAGE DE LA VAISSELLE A LA MAIN

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) BORGONJON, Patrice, Markc, Luc; Speistraat 38, B-9030 Mariakerke (BE). POMMIERS, Baptiste; rue Champ du roi, 100, F-1040 Etterbeek (FR). SIVIK, Mark, Robert; 4424 Village Ridge Drive, Mason, OH 45040 (US). BODET, Jean-Francois; 5067 Plantation Court, Mason, OH 45040 (US).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C11D 3/37, 3/20

(11) WO 02/077144 (13) A2

(21) PCT/US02/08422

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 60/277,568 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HAND DISHWASHING COMPOSITION

• COMPOSITION POUR LE LAVAGE DE LA VAISSELLE A LA MAIN

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) KASTURI, Chandrika; 10044 Cliffwood Court, Cincinnati, OH 45241 (US). BORGONJON, Patrice, Mark, Luc; Speistraat 38, B-9030 Mariakerke (BE). SIVIK, Mark, Robert; 4424 Village Ridge Drive, Mason, OH 45040 (US). BODET, Jean-Francois; 5067 Plantation Court, Mason, OH 45040 (US).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C11D 3/39, C07D 233/54, 235/14

(11) WO 02/077145 (13) A1

(21) PCT/EP02/00688

(22) 22 Jan/jan 2002 (22.01.2002)

(25) en (26) en

(30) 0102826.5 5 Feb/fév 2001 GB (05.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOSITION AND METHOD FOR BLEACHING A SUBSTRATE

• COMPOSITION ET PROCEDE DE BLANCHIMENT D'UN SUBSTRAT

(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 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 BG BR BY CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GE GR HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK MX MZ NL NO PH PL PT RO RU SE SI SK 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) CARINA, Riccardo, Filippo; 20 Avenue de L'Amondolier, CH-1208 Geneva (CH). DELROISSE, Michel, Gilbert, Jose; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). HAGE, Ronald; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). TETARD, David; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).

(74) ELLIOTT, Peter, William et al. / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C11D 3/39, 3/37

(11) WO 02/077146 (13) A1

(21) PCT/US02/05643

(22) 25 Feb/fév 2002 (25.02.2002)

(25) en (26) en

(30) 01870062.5 26 Mar/mar 2001 EP (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HARD SURFACE CLEANING COMPOSITION COMPRISING A BLEACH

• COMPOSITION DE NETTOYAGE POUR REVETEMENTS DURS, RENFERMANT UN AGENT DE BLANCHIMENT

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) CERMENATI, Laura; Piazza Ippolito Nievo 5, Scala B, I-00153 Roma (IT). TOMARCHIO, Vincenzo; Via Giovanni Gorgone 54, I-91001 Alcamo (IT).

(74) REED, David, T. et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

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

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

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 C11D 3/395, 3/39

(11) WO 02/077147 (13) A1

(21) PCT/EP02/02798

(22) 11 Mar/mar 2002 (11.03.2002)

(25) en (26) en

(30) 0107366.7 23 Mar/mar 2001 GB (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LIGAND AND COMPLEX FOR CATALYTICALLY BLEACHING A SUBSTRATE

• LIGAND ET COMPLEXE DE BLANCHIMENT D'UN SUBSTRAT PAR VOIE CATALYTIQUE

(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 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, Mumbai 400 020, Maharashtra (IN).

(only for / seulement pour IN)

(72) HAGE, Ronald; Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL). NICHOLLS, Malcolm, Philip; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).

(74) ELLIOTT, Peter, William et al. / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

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

RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C11D 3/42, 3/00

(11) WO 02/077148 (13) A1

(21) PCT/EP02/03009

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 01810310.1 27 Mar/mar 2001 EP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FABRIC RINSE COMPOSITION CONTAINING A BENZTRIAZOLE UV ABSORBER

• COMPOSITION DE RINÇAGE DE TISSUS CONTENANT UN ABSORBEUR D'UV AU BENZTRIAZOLE

(71) CIBA SPECIALITY 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) EHLIS, Thomas [DE/DE]; Ferdinand-Weiss-Strasse 30, 79106 Freiburg (DE). HOCHBERG, Robert [DE/DE]; Goethestrasse 13, 79100 Freiburg (DE). ROHWER, Hauke [DE/DE]; Hauptstrasse 68, 79540 Lörrach (DE).

(74) CIBA SPECIALITY 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C11D 3/48, 3/10, 3/32, 3/37, 1/62, 7/12, 7/32

(11) WO 02/077149 (13) A2

(21) PCT/US02/03148

(22) 31 Jan/jan 2002 (31.01.2002)

(25) en (26) en

(30) 09/816,695 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS AND COMPOSITIONS FOR CLEANING, RINSING, AND ANTIMICROBIAL TREATMENT OF MEDICAL EQUIPMENT

• PROCEDES ET COMPOSITIONS POUR LE NETTOYAGE, LE RINÇAGE ET

LE TRAITEMENT ANTIMICROBIEN D'EQUIPEMENT MEDICAL

(71) ECOLAB INC. [US/US]; Ecolab Center, Saint Paul, MN 55102 (US).

(72) RABON, Reid; 222 Douglas Street West, South St. Paul, MN 55075 (US). SWART, Sally, K.; 1593 112th Court West, Inver Grove Heights, MN 55077 (US). CHANDLER, Denise; 1783 James Avenue, St. Paul, MN 55105 (US). EVERSON, Terrence, P.; 560 Country Court, Eagan, MN 55123 (US).

(74) SORENSEN, Andrew, D.; ECOLAB INC., 840 Sibley Memorial Highway, Mendota Heights, MN 55118 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 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 C11D 3/50, 3/37, 17/00

(11) WO 02/077150 (13) A1

(21) PCT/US02/09116

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 09/818,707 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FRAGRANCE-CONTAINING GEL FOR DELIVERING FRAGRANCE FROM STRUCTURED LIQUID DETERGENT COMPOSITIONS

• GEL PARFUMÉ SERVANT À LIBÉRER UN PARFUM À PARTIR DE COMPOSITIONS STRUCTURÉES DE DÉTERGENTS LIQUIDES

(71) COLGATE-PALMOLIVE COMPANY [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) PASHKOVSKI, Evgueni, E.; 1295 Colonial Way, Bridgewater, NJ 08807 (US). FAROOQ, Amjad; 54 Fisher Drive, Somerville, NJ 08876 (US). HEIBEL, Marija; 115 Benner Street, Highland Park, NJ 08904 (US). MEHRETEAB, Ammanuel; 6 Thornton Lane, Piscataway, NJ 08854 (US). MILLER, Lynne; 145 Marsh Avenue, Sayreville, NJ 08872 (US). MASTRULL, Jeff; 228 Fairfield, Middlesex, NJ 08846 (US). THEILER, Richard; 6 Wishnow Way, Bridgewater, NJ 08807 (US).

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

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

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C11D 7/04, 7/08, 7/26, 7/60

(11) WO 02/077151 (13) A1

(21) PCT/US01/46613

(22) 3 Dec/déc 2001 (03.12.2001)

(25) en (26) en

(30) 09/817,881 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • POLYMER CLEANER FORMULATION
• FORMULATION NETTOYANTE POUR POLYMERES

(71) ONDEO NALCO COMPANY [US/US]; Ondeo Nalco Center, Naperville, IL 60563 (US).

(72) SPRAGUE, Sherman, Jay; 2392 Ashdale Drive, Twinsburg, OH 44087 (US).

(74) KEEFER, Timothy, J.; Wildman, Harrold, Allen & Dixon, 225 West 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 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 C12M 1/20, G01N 33/50, 33/53, C12Q 1/70, 1/68

(11) WO 02/077152 (13) A1

(21) PCT/CN02/00209

(22) 28 Mar/mar 2002 (28.03.2002)

(25) en (26) en

(30) 01105795.5 28 Mar/mar 2001 CN (28.03.2001)

(30) 01112783.X 27 Apr/avr 2001 CN (27.04.2001)

(30) 01113323.6 11 Jul/juil 2001 CN (11.07.2001)

(30) 01126115.3 12 Jul/juil 2001 CN (12.07.2001)

(30) 01126480.2 14 Aug/août 2001 CN (14.08.2001)

(30) 01126929.4 29 Sep/sep 2001 CN (29.09.2001)

(30) 01126932.4 29 Sep/sep 2001 CN (29.09.2001)

(30) 01132292.6 23 Nov/nov 2001 CN (23.11.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE AND METHOD FOR DETECTION OF MULTIPLE ANALYTES

• DISPOSITIF ET PROCEDE DE DETECTION D'ANALYTES MULTIPLES

(71) GENETECH BIOTECHNOLOGY (SHANGHAI) COMPANY LIMITED [CN/CN]; 6/F, Building 25, No.69, Guiqing Road, Shanghai 200233 (CN).

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

(72, 75) CHEUNG, To [CN/CN]; Flat D, 30/F, Tower 6, Island Resort, 28 Siu Sai Wan Road, Hong Kong (CN). LI, Bin [CN/CN]; 6/F, Building 25, No.69, Guiqing Road, Shanghai 200233 (CN). PENG, Yongji [CN/CN]; 6/F, Building 25, No.69, Guiqing Road, Shanghai 200233 (CN). REN, Yiping [CN/CN]; 6/F, Building 25, No.69, Guiqing Road, Shanghai 200233 (CN). GE, Haipeng [CN/CN]; 6/F, Building 25, No.69, Guiqing Road, Shanghai 200233 (CN). DENG, Fuqiao [CN/CN]; 6/F, Building 25, No.69, Guiqing Road, Shanghai 200233 (CN). LI, Hongmei [CN/CN]; 6/F, Building 25, No.69, Guiqing Road, Shanghai 200233 (CN). CAI, Qifeng [CN/CN]; 6/F, Building 25, No.69, Guiqing Road, Shanghai 200233 (CN). CHEN, Ying [CN/CN]; 6/F, Building 25, No.69, Guiqing Road, Shanghai 200233 (CN).

(74) BEIJING SANYOU INTELLECTUAL PROPERTY AGENT LTD.; No.40 North Sanhuanzhonglu Road, Beijing 100088 (CN).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C12N

(11) WO 02/077153 (13) A2

(21) PCT/US01/43369

(22) 20 Nov/nov 2001 (20.11.2001)

(25) en (26) en

(30) 60/252,068 20 Nov/nov 2000 US (20.11.2000)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • THE HUMAN PSYCHOSINE RECEPTOR

• RECEPTEUR DE LA PSYCHOSINE HUMAINE

(71) UNIVERSITY OF VIRGINIA PATENT FOUNDATION [US/US]; 1224 West Main Street, Suites 1-110, Charlottesville, VA 22903 (US).

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

(72, 75) LYNCH, Kevin, R. [US/US]; 1632 Meadowbrook Heights Road, Charlottesville, VA 22901 (US). IM, Dong, Soon [KR/US]; 324 Peyton Court, Apt. 2, Charlottesville, VA 22901 (US).

(74) BREEN, John, P.; University of Virginia Patent Foundation, 1224 West Main Street, Suite 1-110, Charlottesville, VA 22903 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 C12N

(11) WO 02/077154 (13) A2

(21) PCT/US01/43608

(22) 20 Nov/nov 2001 (20.11.2001)

(25) en (26) en

(30) 09/723,121 27 Nov/nov 2000 US (27.11.2000)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • GENE DELIVERY DEVICE AND GENE DELIVERY METHOD

• DISPOSITIF ET METHODE D'ADMINISTRATION DE GENES

(63) US 09/723,121 (CON) 27 Nov/nov 2000 (27.11.2000)

(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) KHURANA, Gautam [AU/US]; 2608 Tuxedo Lane NW, Rochester, MN 55901 (US). RUSSELL, Stephen, J. [GB/US]; 2701 Salem Road SW, Rochester, MN 55902 (US). KATUSIC, Zvonimir, S. [US/US]; 810 - 10th Street SW, Rochester, MN 55902 (US).

(74) ELLINGER, Mark, S.; Fish & Richardson P.C., P.A., 60 South Sixth Street, Suite 3300, Minneapolis, MN 55402 (US).

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

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

(51)⁷ C12N

(11) WO 02/077155 (13) A2

(21) PCT/US02/00101

- (22) 4 Jan/jan 2002 (04.01.2002)
- (25) en (26) en
- (30) 60/259,853 8 Jan/jan 2001 US (08.01.2001)
- (30) 60/286,368 26 Apr/avr 2001 US (26.04.2001)
- (30) 60/331,168 9 Nov/nov 2001 US (09.11.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • KERATINOCYTE GROWTH FACTOR-2
• FACTEUR DE CROISSANCE DES KERATINOCYTES-2
- (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) RUBEN, Steven, M. [US/US]; 18528 Heritage Hills Drive, Olney, MD 20832 (US). JIMENEZ, Pablo [US/US]; 3843 College Avenue, Ellicott City, MD 21043 (US). DUAN, D., Roxanne [US/US]; 5515 Northfield Road, Bethesda, MD 20817 (US). RAMPY, Mark, A. [US/US]; 10224 Wild Apple Circle, Montgomery Village, MD 20886 (US). MENDRICK, Donna [US/US]; 29112 Ridge Road, Mount Airy, MD 21771 (US). ZHANG, Jun [US/US]; 10100 Crestberry Place, Bethesda, MD 20817 (US). NI, Jian [CN/US]; 5502 Manorfield Road, Rockville, MD 20853 (US). MOORE, Paul, A. [GB/US]; 19005 Leatherbark Drive, Germantown, MD 20874 (US). COLEMAN, Timothy, A. [US/US]; 7512 Boxberry Terrace, Gaithersburg, MD 20879 (US). GRUBER, Joachim, R. [DE/US]; Apt. 1, 45011 Normandy, Dallas, TX 75205 (US). DILLON, Patrick, J. [US/US]; 1055 Snipe Court, Carlsbad, CA 92009 (US). GENTZ, Reiner, L. [DE/US]; 13608 Mount Prospect Drive, Rockville, MD 20850 (US).
- (74) STEFFE, Eric, K. et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., 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 CH CY DE DK ES FI FR GB GR IE IT 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
- (11) WO 02/077156 (13) A2
- (21) PCT/US02/11107
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (30) 09/816,248 26 Mar/mar 2001 US (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PROTECTION-OF-TELOMERE-1 (POT-1) PROTEIN AND ENCODING POLYNUCLEOTIDES
- PROTEINE DE PROTECTION DE TELOMERE 1 (POT-1) ET POLYNUCLEOTIDES CODANT POUR CELLE-CI
- (71) UNIVERSITY TECHNOLOGY CORPORATION [US/US]; 4001 Discovery Drive, Suite 390, Campus Box 588, Boulder, CO 80309 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BAUMANN, Peter [US/US]; 780 West Moorhead Circle #F, Boulder, CO 80305-6160 (US). CECH, Thomas, R. [US/US]; 11516 Morning Ride Drive, Potomac, MD 20854 (US).
- (74) WARBURG, Richard, J.; FOLEY & LARDNER, P.O. Box 80278, San Diego, CA 92138-0278 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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
- (11) WO 02/077157 (13) A2
- (21) PCT/US02/11257
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 60/278,336 23 Mar/mar 2001 US (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • INSECT NUCLEAR RECEPTOR GENES AND USES THEREOF
• GENES RECEPTEURS NUCLEAIRES D'INSECTE ET LEURS UTILISATIONS
- (71) SYNGENTA PARTICIPATIONS AG [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BROADUS, Julie, A. [US/US]; 13304 Drew Hill Road, Chapel Hill, NC 27514 (US). BROWN, Blanche, Covington [US/US]; 209 Creeks Edge, Chapel Hill, NC 27516 (US). STAM, Lynn, F. [US/US]; 2409 Pleasant Union Church Road, Raleigh, NC 27614 (US). KAMDAR, Kim, P. [US/US]; 906 Muirlands Vista Way, La Jolla, CA 92037 (US).
- (74) TAYLOR, Arles, A., Jr.; Jenkins & Wilson, P.A., University Tower, Suite 1400, 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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
- (11) WO 02/077159 (13) A2
- (21) PCT/US02/03341
- (22) 4 Feb/fév 2002 (04.02.2002)
- (25) en (26) en
- (30) 60/266,081 2 Feb/fév 2001 US (02.02.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • END GROUP ACTIVATED POLYMERS WITH OLIGONUCLEOTIDE LIGANDS
• POLYMERES ACTIVES A GROUPES TERMINAUX AYANT DES LIGANDS OLIGONUCLEOTIDIQUES
- RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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
- (11) WO 02/077158 (13) A2
- (21) PCT/US02/11260
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 60/278,379 23 Mar/mar 2001 US (23.03.2001)
- (30) 60/311,461 10 Aug/août 2001 US (10.08.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ROOT SPECIFIC, STIMULANT INDUCIBLE PROMOTER AND ITS USE
• PROMOTEUR INDUCIBLE STIMULANT SPECIFIQUE DES RACINES ET SON UTILISATION
- (71) E. I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US). 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) ODELL, Joan, T. [US/US]; P.O. Box 826, Apartment D, Unionville, PA 19375 (US). YU, Xiaodan [CN/US]; 506 Farah Lane, Apartment D, St. Louis, MO 63141 (US). LU, Ghhua [CN/US]; 4600 62nd Street, Urbandale, IA 50322 (US). HU, Xu [CA/US]; 4700 103rd Street, Urbandale, IA 50322 (US).
- (74) BEARDELL, Lori, Y.; E. I. Du Pont De Nemours And Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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
- (11) WO 02/077159 (13) A2
- (21) PCT/US02/03341
- (22) 4 Feb/fév 2002 (04.02.2002)
- (25) en (26) en
- (30) 60/266,081 2 Feb/fév 2001 US (02.02.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • END GROUP ACTIVATED POLYMERS WITH OLIGONUCLEOTIDE LIGANDS
• POLYMERES ACTIVES A GROUPES TERMINAUX AYANT DES LIGANDS OLIGONUCLEOTIDIQUES

- (71) ALLVIVO, INC. [US/US]; 2800 Milan Court, Suite 119, Birmingham, AL 35211 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CALDWELL, Karin [US/SE]; Trebackaveagen #1, S-18255 Djursholm (SE). NEFF, Jennifer [US/US]; 20914 Bake Parkway, Suite 112, Lake Forest, CA 92630 (US).
- (74) WITT, Evan; MADSON & METCALF, 15 West South Temple, Suite 900, Salt Lake City, UT 84101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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

- (11) WO 02/077160 (13) A2
- (21) PCT/US02/06069
- (22) 26 Feb/fév 2002 (26.02.2002)
- (25) en (26) en
- (30) 60/272,801 1 Mar/mar 2001 US (01.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHODS OF MAKING AND USES OF COMPOSITIONS THAT MODULATE INTRONIC REGION-ENCODED PROTEIN FUNCTION
• METHODES DE FABRICATION ET UTILISATIONS DE COMPOSITIONS MODULANT LA FONCTION PROTEIQUE CODEE PAR UNE REGION INTRONIQUE

(71) CLARITY BIOSCIENCES, INC. [US/US]; 11404 Sorrento Valley Road, Suite 117, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HONEYCUTT, Rhonda [US/US]; 6936 Batiqitos Drive, Carlsbad, CA 92009 (US). RALPH, David [US/US]; 2504 Stonehenge Drive, Edmond, OK 73034 (US).

(74) AXFORD, Laurie, A. et al. / etc.; Morrison & Foerster LLP, Suite 500, 3811 Valley Centre Drive, San Diego, CA 92130 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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
- (11) WO 02/077161 (13) A2
- (21) PCT/US02/07532
- (22) 11 Mar/mar 2002 (11.03.2002)
- (25) en (26) en
- (30) 60/274,983 12 Mar/mar 2001 US (12.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PRODUCTION OF HIGH LEVELS OF TRANGENIC FACTOR IX WITHOUT GENE RESCUE, AND ITS THERAPEUTIC USES
• PRODUCTION DE NIVEAUX ELEVES DU FACTEUR TRANSGENIQUE IX SANS SAUVETAGE DE GENES, ET SES UTILISATIONS THERAPEUTIQUES

(71) PROGENETICS LLC [US/US]; 1872 Pratt Drive, Suite 1400, Blacksburg, VA 24060 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) COOPER, Julian, D. [GB/US]; 605 Piedmont Street, Blacksburg, VA 24060 (US). VELANDER, William, Hugold [US/US]; 3014 Lancaster Drive, Blacksburg, VA 24060 (US). O'SICKEY, Tanya, K. [US/US]; 5403 Canon Court, Terre Haute, IN 47803 (US).

(74) CRAWFORD, Robert, J.; Crawford PLLC, Suite 390, 1270 Northland Drive, Saint Paul, MN 55120 (US).

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

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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
- (11) WO 02/077162 (13) A2
- (21) PCT/US02/07728
- (22) 14 Mar/mar 2002 (14.03.2002)
- (25) en (26) en
- (30) 60/277,634 22 Mar/mar 2001 US (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • GENE (T23490) ASSOCIATED WITH BENIGN PROSTATIC HYPERPLASIA
• GENE (T23490) ASSOCIE A L'HYPERPLASIE BENIGNE DE LA PROSTATE

(71) GENE LOGIC, INC. [US/US]; 708 Quince Orchard Road, Gaithersburg, MD 20878 (US). JAPAN TOBACCO, INC. [JP/JP]; 2-1, Toranomon 2-chome, Minato-ku, Tokyo 105-8422 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KULKARNI, Prakash [US/US]; 708 Quince Orchard Road, Gaithersburg, MD 20878 (US). GETZENBERG, Robert, H. [US/US]; 708 Quince Orchard Road, Gaithersburg, MD 20878 (US). MUNGER, William, E. [US/US]; 708 Quince Orchard Road, Gaithersburg, MD 20878 (US).

(74) TUSCAN, Michael, S. et al. / etc.; Morgan, Lewis & Bockius LLP, 1111 Pennsylvania Avenue, NW, Washington, DC 20004 (US).

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

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

(51)⁷ C12N

- (11) WO 02/077163 (13) A2
- (21) PCT/US02/07808
- (22) 15 Mar/mar 2002 (15.03.2002)
- (25) en (26) en
- (30) 09/813,352 21 Mar/mar 2001 US (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)

(54) • OVEREXPRESSION OF ABI5 IN PLANTS TO PREVENT PRECOCIOUS SEED GERMINATION AND TO CONFERR RESISTANCE TO DROUGHT AND HIGH SALT
• SUREXPRESSON D'ABI5 CHEZ DES PLANTES DESTINEE A EMPECHER UNE GERMINATION PRECOCE DES SEMENCES ET A RENDRE LES PLANTES RESISTANTES A LA SECHERESSE ET A UNE FORTE TENEUR EN SEL

(71) **ROCKEFELLER UNIVERSITY** [US/US]; 1230 York Avenue, New York, NY 10021 (US).

(72) **LOPEZ-MOLINA, Luis**; 220 E. 70th Street, Apt. 8B, New York, NY 10021 (US). **MON-GRAND, Sebastien**; 220 E. 70th Street, Apt. 12A, New York, NY 10021 (US). **CHUA, Nam-Hai**; 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 UZ VN YU ZA ZM ZW.

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

(11) **WO 02/077164** (13) A2

(21) PCT/US02/08125

(22) **19 Mar/mar 2002 (19.03.2002)**

(25) en (26) en

(30) 09/814,951 **23 Mar/mar 2001 US (23.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ISOLATED HUMAN AMINOACYLASE, NUCLEIC ACID MOLECULES ENCODING HUMAN AMINOACYLASE, AND USES THEREOF

• AMINOACYLASE HUMAINE ISOLEE, MOLECULES D'ACIDE NUCLEIQUE CODANT L'AMINOACYLASE HUMAINE, ET LEURS UTILISATIONS

(71) **PE CORPORATION (NY)** [US/US]; 761 Main Avenue, Norwalk, CT 06859 (US).

(72) **SHAO, Wei**; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). **YAN, Chunhua**; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). **DI FRANCESCO, Valentina**; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). **BEASLEY, Ellen, M.**; c/o 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 UZ VN YU ZA ZM ZW.

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

(11) **WO 02/077165** (13) A2

(21) PCT/US02/00819

(22) **10 Jan/jan 2002 (10.01.2002)**

(25) en (26) en

(30) 09/758,525 **10 Jan/jan 2001 US (10.01.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • GLYCOCONJUGATE SYNTHESIS USING A PATHWAY-ENGINEERED ORGANISM

• SYNTHÈSE DE GLYCOCONJUGUES UTILISANT UN ORGANISME MODIFIÉ PAR LA VOIE

(71) **WAYNE STATE UNIVERSITY** [US/US]; 4032FAB, 656 West Kirby, Detroit, MI 48202 (US).

(72) **WANG, Peng, George**; 1880 Pelican Court, Troy, MI 48084 (US). **CHEN, Xi**; 1011 New Hope Street, Apt. 93A, Norristown, PA 19401 (US). **LIU, Zye**; 5200 Anthony Wayne Drive, Apt.#13, Detroit, MI 4802 (US). **ZHANG, Wei**; 373 Chemistry Building, Wayne State University, Detroit, MI 48202 (US).

(74) **BUCHANAM, Matthew, J. et al. / etc.**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 C12N

(11) **WO 02/077166** (13) A2

(21) PCT/US02/08289

(22) **19 Mar/mar 2002 (19.03.2002)**

(25) en (26) en

(30) 09/813,133 **21 Mar/mar 2001 US (21.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ISOLATED HUMAN PROTEASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND USES THEREOF

• PROTEINES PROTEASES HUMAINES ISOLEES, MOLECULES D'ACIDE NUCLEIQUE CODANT DES PROTEINES PROTEASES HUMAINES ET LEURS UTILISATIONS

(71) **PE CORPORATION (NY)** [US/US]; 761 Main Avenue, Norwalk, CT 06859 (US).

(72) **GANS, Weiniu**; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). **KETCHUM, Karen, A.**; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). **DI FRANCESCO, Valentina**; c/o Celera Genomics, 45 West Gude Drive C2-4#20,

Rockville, MD 20850 (US). **BEASLEY, Ellen, M.**; c/o Celera Genomics, 45 West Gude Drive C2-4#20, 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 UZ VN YU ZA ZM ZW.

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

(11) **WO 02/077167** (13) A2

(21) PCT/US02/08291

(22) **19 Mar/mar 2002 (19.03.2002)**

(25) en (26) en

(30) 09/816,093 **26 Mar/mar 2001 US (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ISOLATED HUMAN PROTEASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND USES THEREOF

• PROTEINES ISOLEES HUMAINES DE LA PROTEASE, MOLECULES D'ACIDE NUCLEIQUE CODANT LES PROTEINES HUMAINES DE LA PROTEASE ET LEURS UTILISATIONS

(71) **PE CORPORATION (NY)** [US/US]; 761 Main Avenue, Norwalk, CT 06859 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GANS, Weiniu** [US]; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). **YE, Jane** [US]; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). **DI FRANCESCO, Valentina** [US]; c/o Celera Genomics, 45 West Gude Drive C2-4#20, Rockville, MD 20850 (US). **BEASLEY, Ellen, M.** [US]; c/o Celera Genomics, 45 West Gude Drive C2-4#20, 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 UZ VN YU ZA ZM ZW.

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

(11) **WO 02/077168** (13) A2

(21) PCT/US02/08413

(22) **19 Mar/mar 2002 (19.03.2002)**

(25) en (26) en

(30) 60/278,061 **22 Mar/mar 2001** US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • MCHIR DEFICIENT MICE
- SOURIS DEFICIENTES EN MCHIR

(71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **QIAN, Su** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
MARSH, Donald, J. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(81) CA JP US.

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

(51)⁷ C12N

(11) **WO 02/077169** (13) A2

(21) PCT/US02/08563

(22) **19 Mar/mar 2002 (19.03.2002)**

(25) en (26) en

(30) 09/814,604 **22 Mar/mar 2001** US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • METHODS OF DETECTING DISSOCIATED NUCLEAR HORMONE RECEPTOR LIGANDS
- PROCEDES DE DETECTION DE LIGANDS DE RECEPTEURS D'HORMONE NUCLEAIRE DISSOCIES

(71) **ALLERGAN SALES, INC.** [US/US]; 2525 Dupont Drive, Irvine, CA 92612 (US).

(72) **KLEIN, Elliott, S.**; 212 Avalon Lake Road, Danbury, CT 06810 (US). **WANG, Weizhen**; 2 Giverny, Newport Coast, CA 92657 (US). **CHANDRARATANA, Roshantha, A.**; 25241 Buckskin, Laguna Hills, CA 92653 (US).

(74) **FISHER, Carlos, A.** et al. / etc.; c/o Allergan Sales, Inc., 2525 Dupont Drive, Irvine, CA 92612 (US).

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

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

(11) **WO 02/077170** (13) A2

(21) PCT/US02/08603

(22) **20 Mar/mar 2002 (20.03.2002)**

(25) en (26) en

(30) 60/277,847 **22 Mar/mar 2001** US
(22.03.2001)

(30) 60/324,182 **21 Sep/sep 2001** US
(21.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • EXPANSIN PROTEIN AND POLYNUCLEOTIDES AND METHODS OF USE
- PROTEINE EXPANSINE, POLYNUCLEOTIDES CORRESPONDANTS ET METHODES D'UTILISATION ASSOCIEES

(71) **PIONEER HI-BRED INTERNATIONAL, INC.** [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50309 (US).
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(72, 75) **MULTANI, Dilbag, S.** [IN/US]; 4835 Lockner Drive, Urbandale, IA 50322 (US). **JOHAL, Gurmukh, S.** [IN/US]; 2212 Hillshire Court, Columbia, MO 65203 (US).

(74) **BLAIR, Debra, L.** et al. / etc.; 7100 N.W. 62nd Avenue, Darwin Building, Johnston, IA 50131-1000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR 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 C12N

(11) **WO 02/077171** (13) A2

(21) PCT/US02/08657

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

(25) en (26) en

(30) 09/813,817 **22 Mar/mar 2001** US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF
- PROTEINES KINASES HUMAINES ISOLEES, MOLECULES D'ACIDES NUCLEIQUES CODANT CES PROTEINES KINASES, ET UTILISATIONS CORRESPONDANTES

(71) **PE CORPORATION (NY)** [US/US]; 761 Main Avenue, Norwalk, CT 06859 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAN, Chunhua** [CN/US]; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). **KETCHUM, Karen, A.** [US/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).

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

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

(11) **WO 02/077172** (13) A2

(21) PCT/US02/08717

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

(25) en (26) en

(30) 60/278,241 **23 Mar/mar 2001** US
(23.03.2001)

(30) 60/334,285 **30 Nov/nov 2001** US
(30.11.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • METHODS FOR INHIBITION OF ANGIOGENESIS, TUMOR GROWTH AND METASTASIS BY FULLY HUMAN ANTI-IL8 AND ANTI-MUC18 IN DIVERSE TYPES OF TUMORS

- METHODES SERVANT A INHIBER L'ANGIOGENESE, LA CROISSANCE TUMORALE ET LA METASTASE FAISANT APPEL A UN ANTI-IL8 ET A UN ANTI-MUC18 ENTIEREMENT HUMAINS DANS DIVERS TYPES DE TUMEURS

(71) **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; Office of General Counsel, 201 West 7th Street, Austin, TX 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAR-ELI, Menashe** [US/US]; Department of Cell Biology, U.T. M.D. Anderson Cancer Center, 1515 Holcombe Boulevard, Box 173, Houston, TX 77030 (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 VN YU ZA ZM ZW.

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

(11) **WO 02/077173** (13) A2

(21) PCT/US02/08721

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

(25) en (26) en

- (30) 60/278,037 **22 Mar/mar 2001** US
(**22.03.2001**)
- (30) 60/281,223 **3 Apr/avr 2001** US
(**03.04.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • POLYNUCLEOTIDE ENCODING A NOVEL IMMUNOGLOBULIN SUPERFAMILY MEMBER, APEX4, AND VARIANTS AND SPLICE VARIANTS THEREOF
- POLYNUCLEOTIDE CODANT UN NOUVEAU MEMBRE DE LA SUPERFAMILLE DES IMMUNOGLOBULINES, APEX4, ET LEURS VARIANTS ET VARIANTS D'ÉPISSAGE
- (71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; P.O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FINGER, Joshua [US/US]; 222 Woodland Parkway, Apt. 254, San Marcos, CA 92069 (US).
- (74) D'AMICO, Stephen et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 02/077175 (13) A2
- (21) PCT/US02/08842
- (22) **25 Mar/mar 2002** (**25.03.2002**)
- (25) en (26) en
- (30) 60/277,945 **23 Mar/mar 2001** US
(**23.03.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR GENERATING CLONED ANIMALS USING CHROMOSOME SHUFFLING
- PROCÉDE DE GENERATION D'ANIMAUX CLONES PAR REARRANGEMENT DE CHROMOSOMES
- (71) ADVANCED CELL TECHNOLOGY, INC. [US/US]; One Innovation Drive, Worcester, MA 01605 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WEST, Michael, D. [US/US]; 333 Commonwealth Avenue #7, Boston, MA 02115 (US). CIBELLI, Jose [US/US]; 21 Tamrock Circle, Holden, MA 01520 (US).
- (74) TESKIN, Robin, L. et al. / etc.; Pillsbury Winthrop LLP, 1600 Tysons Boulevard, McLean, VA 22102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 02/077174 (13) A2
- (21) PCT/US02/08811
- (22) **22 Mar/mar 2002** (**22.03.2002**)
- (25) en (26) en
- (30) 60/279,222 **27 Mar/mar 2001** US
(**27.03.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • HUMAN CYTOKINE RECEPTOR
- RECEPTEUR DE CYTOKINE HUMAINE
- (71) ZYMOGENETICS, INC. [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).
- (72) PRESNELL, Scott, R.; 2902 North Puget Sound Avenue, Tacoma, WA 98407 (US). XU, Wenfeng; 12432 54th Avenue W, Mukilteo, WA 98275 (US). KINDSVOGEL, Wayne; 6014 24th Avenue Northeast, Seattle, WA 98115 (US). CHEN, Zhi; 1321 Minor Avenue, Apartment B504, Seattle, WA 98101 (US). HUGHES, Steven, D.; 3610 NE 65th Street, Seattle, WA 98115 (US).
- (74) JOHNSON, Jennifer, K.; ZymoGenetics, Inc., 1201 Eastlake Avenue East, Seattle, WA 98102 (US).
- (81) TUMEURS MICROSISSEUES CAPTUREES AU LASER
- (71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA as represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; National Institutes of Health, Office of Technology Transfer, Suite 325, 6011 Executive Boulevard, Rockville, MD 20852-3804 (US). MT. SINAI SCHOOL OF MEDICINE [US/US]; Department of Human Genetics, East Building, Room 14-70F, Box 1498, 1425 Madison Avenue, New York, NY 10029 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PETRICOIN, Emanuel, Frank, III [US/US]; 2805 Feather Ridge Court, Dunkirk, MD 20754 (US). LIOTTA, Lance, A. [US/US]; 8601 Bradley Boulevard, Bethesda, MD 20817 (US). EMMERT-BUCK, Michael, R. [US/US]; 13620 Cedar Creek Lane, Silver Spring, MD 20904 (US). ZHAO, Yingming [US/US]; Apartment 908, 5454 Amesbury, Dallas, TX 75206 (US).
- (74) HARDING, Tanya, M.; 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 02/077177 (13) A2
- (21) PCT/US02/08853
- (22) **22 Mar/mar 2002** (**22.03.2002**)
- (25) en (26) en
- (30) 60/277,917 **22 Mar/mar 2001** US
(**22.03.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • NEUROPROTECTION BY INHIBITION OF DIACYGLYCEROL KINASE EPSILON ACTIVITY
- NEUROPROTECTION PAR INHIBITION DE L'ACTIVITE EPSILON DE DIACYGLYCEROL KINASE
- (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) PRESCOTT, Stephen [US/US]; Huntsman Cancer Institute, 2000 Circle of Hope, Rm 5360, Salt Lake City, UT 84108 (US). TOPHAM, Matthew [US/US]; Huntsman Cancer Institute, 2000 Circle of Hope, Room 5363, Salt Lake City, UT 84108 (US). BAZAN, Nicolas [US/US]; Neuroscience Center, LSU Health Sciences Center, 2020 Gravier Street, Suite D, New Orleans, LA

70112 (US). **RODRIGUEZ DE TURCO, Elena** [US/US]; Neuroscience Center, LSU Health Sciences Center, 2020 Gravier Street, Suite D, New Orleans, LA 70112 (US).

(74) **BARZEE, Eric et al.** / etc.; Madson & Metcalf, 15 West South Temple, Suite 900, Salt Lake City, UT 84101 (US).

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

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

(11) **WO 02/077178** (13) A2

(21) PCT/US02/08854

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

(25) en (26) en

(30) 60/278,158 **23 Mar/mar 2001 US (23.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF SCREENING FOR AGENTS THAT REGULATE THE SHEDDING OF MEMBRANE BOUND PROTEINS AND METHODS OF USE

• PROCEDE DE CRIBLAGE D'AGENTS REGULANT L'ELIMINATION DE PROTEINES FIXEES A LA MEMBRANE ET PROCEDES D'UTILISATION

(71) **UNIVERSITY OF UTAH RESEARCH FOUNDATION** [US/US]; 615 Arapsee Drive, Suite 110, Salt Lake City, UT 84108 (US).

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(72, 75) **PRESCOTT, Stephen** [US/US]; Huntsman Cancer Institute, 2000 Circle of Hope, Rm 5360, Salt Lake City, UT 84108 (US). **TOPHAM, Matthew** [US/US]; Huntsman Cancer Institute, 2000 Circle of Hope, Rm 5363, Salt Lake City, UT 84108 (US). **SAKANE, Fumio** [US/US]; School of Medicine, Sapporo Medical University, Department of Biochemistry, South-1, West-17, Chuo-ku, Sapporo, 060-8556 (JP). **TAKE-TOMI, Akinobu** [US/US]; Nakatsu Municipal Hospital, Department of Surgery, 173 Shimoikenaga, Nakatsu, Oita, 871-8511 (JP).

(74) **BARZEE, Eric**; Madson & Metcalf, 15 West South Temple, Suite 900, Salt Lake City, UT 84108 (US).

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

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

FI FR GB GR IE IT 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

(11) **WO 02/077179** (13) A2

(21) PCT/US02/08937

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

(25) en (26) en

(30) 60/278,935 **26 Mar/mar 2001 US (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LEINAMYCIN BIOSYNTHESIS GENE CLUSTER AND ITS COMPONENTS AND THEIR USES

• AGREGAT DE GENES DE LA BIOSYNTHESE DE LEINAMYCINE ET SES COMPOSANTES ET LEURS UTILISATIONS

(71) **THE REGENT OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 111 Franklin Street, 12th floor, Oakland, CA 94607-5200 (US).

(only for / seulement pour US)

(71) **KYOWA HAKKO KOGYO CO, LTD.** [JP/JP]; 1-6-1 Otemachi, Chiyoda-ku, Tokyo 100 (JP).

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(72, 75) **SHEN, Ben** [CN/US]; 1842 Rushmore Lane, Davis, CA 95616 (US). **CHENG, Yi-qiang** [CN/US]; 545 Sycamor Lane, Apt. #101, Davis, CA 95616 (US). **TANG, Gong-li** [CN/US]; 619 Pline Road, Apt. #223, Davis, CA 95616 (US).

(74) **QUINE, Jonathan, Alan et al.** / etc.; Quine Intellectual Property Law Group, P.C., P.O. Box 458, Alameda, CA 94501 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 C12N

(11) **WO 02/077180** (13) A2

(21) PCT/US02/08964

(22) **20 Mar/mar 2002 (20.03.2002)**

(25) en (26) en

(30) 09/815,925 **22 Mar/mar 2001 US (22.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NOVEL NUCLEIC ACIDS AND POLYPEPTIDES

• NOUVEAUX ACIDES NUCLEIQUES ET NOUVEAUX POLYPEPTIDES

(63) US 09/815,925 (CON) **22 Mar/mar 2001 (22.03.2001)**

(71) **HYSEQ, INC.** [US/US]; 670 Almanor Avenue, Sunnyvale, CA 94086 (US).

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

(72, 75) **TANG, Y., Tom** [US/US]; 4230 Ranwick Court, San Jose, CA 95118 (CH). **ZHOU, Ping** [US/US]; 7595 Newcastle Drive, Cupertino, CA 95014 (US). **GOODRICH, Ryle** [US/US]; 4896 Sandy Lane, San Jose, CA 95124 (US). **ASUNDI, Vinod** [US/US]; 709 Foster City Boulevard, Foster City, CA 94404 (US). **ZHANG, Jie** [CN/US]; 4930 Poplar Terrace, Campbell, CA 95008 (US). **YANG, Yonghong** [CN/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). **WHERMAN, Tom** [US/US]; CCSR Mol Pharm 3210, 269 West Campus Drive, Stanford, California 94305 (US). **DRMANAC, Radoje, T.** [US/US]; 850 East Greenwich Place, Palo Alto, CA 94303 (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 CH CY DE DK ES FI FR GB GR IE IT 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

(11) **WO 02/077181** (13) A2

(21) PCT/US02/09002

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

(25) en (26) en

(30) 60/278,101 **22 Mar/mar 2001 US (22.03.2001)**

(30) 60/281,918 **6 Apr/avr 2001 US (06.04.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ADENYLYL AND GUANYLYL CYCLASES

• ADENYLYL ET GUANYLYL CYCLASES

(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)

(71, 72) **DING, Li** [CN/US]; 3353 Alma Street # 146, Palo Alto, CA 94306 (US). **WALIA, Narinder, K.** [US/US]; 890 Davis Street #205, San Leandro, CA 94577 (US). **BAUGHN, Mariah, R.** [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). **ELLIOTT, Vicki, S.** [US/US]; 3770 Polton Place Way, San Jose, CA 95121 (US). **ARVIZU, Chandra** [US/US]; 1706 Morocco Drive, San Jose, CA 95125 (US). **LU, Yan** [CN/US]; 3885 Corrina Way, Palo Alto, CA 94303 (US). **GURURAJAN, Rajagopal** [IN/US]; 5591 Dent Avenue, San Jose, CA 95118 (US).

(74) **HAMLET-COX, Diana et al.** / etc.; Incyte Genomics, Inc., 3160 Porter Drive, Palo Alto, CA 94304 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 02/077182 (13) A2
- (21) PCT/US02/09095
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 60/277,537 21 Mar/mar 2001 US (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMPOUNDS DISPLAYED ON ICOSAHEDRAL PHAGE AND METHODS OF USING SAME
- COMPOSES PRESENTS A LA SURFACE DE PHAGES ICOSAEDRES ET LEURS PROCÉDES D'UTILISATION
- (71) XENOPORT, INC. [US/US]; 3410 Central Expressway, Santa Clara, CA 95051 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BARRETT, Ronald, W. [US/US]; 12900 Arroyo de Arguello, Saratoga, CA 95070 (US). DOWER, William, J. [US/US]; 2307 Branner Drive, Menlo Park, CA 94025 (US). GALLOP, Mark [NZ/US]; 511 Orange Avenue, Los Altos, CA 94022 (US). WOIWODE, Thomas, F. [US/US]; 1945 Eucalyptus Avenue, San Carlos, CA 94070 (US). CWIRLA, Steven, E. [US/US]; 111 Hedge Road, Menlo Park, CA 94025 (US).
- (74) AUSENHUS, Scott, L. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 02/077183 (13) A2
- (21) PCT/US02/09107
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 09/815,242 21 Mar/mar 2001 US (21.03.2001)
- (30) 09/948,993 6 Sep/sep 2001 US (06.09.2001)
- (30) 60/342,923 25 Oct/oct 2001 US (25.10.2001)
- (30) 10/072,851 8 Feb/fév 2002 US (08.02.2002)
- (30) 60/362,699 6 Mar/mar 2002 US (06.03.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • IDENTIFICATION OF ESSENTIAL GENES IN MICROORGANISMS
- IDENTIFICATION DE GENES ESSENTIELS DANS DES MICROORGANISMES
- (71) ELITRA PHARMACEUTICALS, INC. [US/US]; 3510 Dunhill Street, Suite A, San Diego, CA 92121 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WANG, Liangsu [CA/US]; 4204 Calle Isabelino, San Diego, CA 92130 (US). ZAMUDIO, Carlos [US/US]; 8724 Villa La Jolla, #88, La Jolla, CA 92037 (US). MALONE, Cheryl [US/US]; 8798 Wahl Street, Santee, CA 92071 (US). HASELBECK, Robert [US/US]; 4672 El Cerrito Drive, San Diego, CA 92115 (US). OHLSEN, Kari, L. [US/US]; 3560 Vista De La Orilla, San Diego, CA 92117 (US). ZYSKIND, Judith, W. [US/US]; 8415 La Jolla Scenic Drive, La Jolla, CA 92037 (US). WALL, Daniel [US/US]; 3734 Brookshire Street, San Diego, CA 92111 (US). TRAWICK, John, D. [US/US]; 7975 Michelle Drive, La Mesa, CA 91942 (US). CARR, Grant, J. [US/US]; 2210 Sonrisa Glen, Escondido, CA 92029 (US). YAMAMOTO, Robert [US/US]; 3725 Notre Dame Avenue, San Diego, CA 92122 (US). FORSYTH, R., Allyn [US/US]; 1135 Beryl Street, San Diego, CA 92109 (US). XU, H., Howard [US/US]; 14695 Penasquitos Drive, San Diego, CA 92129 (US).
- (74) HUNT, Dale, C.; KNOBBE, MARTENS, OLSON & BEAR, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 : (q2)
-
- (51)⁷ C12N
- (11) WO 02/077184 (13) A2
- (21) PCT/US02/09138
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 09/819,142 27 Mar/mar 2001 US (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHODS FOR MODIFYING FLOWERING PHENOTYPES
- PROCÉDES DE MODIFICATION DE PHÉNOTYPES DE FLEURISSEMENT
- (71) MENDEL BIOTECHNOLOGY, INC. [US/US]; 21375 Cabot Boulevard, Hayward, CA 94545 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) REUBER, T., Lynne [US/US]; 1115 S. Grant Street, San Mateo, CA 94402 (US).
- (74) KULIK, David, J.; Wiley Rein & Fielding, LLP, 1776 K Street, N.W., Washington, D.C. 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 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).
- (25) en (26) en
- (30) 60/278,322 23 Mar/mar 2001 US (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • OLIGONUCLEOTIDE CONJUGATES
- CONJUGUES D'OLIGONUCLEOTIDE
- (71) GERON CORPORATION [US/US]; 230 Constitution Drive, Menlo Park, CA 94025 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GRYAZNOV, Sergei [RU/US]; 138 West Bellevue Ave., San Mateo, CA 94402 (US). PONGRACZ, Krisztina [US/US]; 6253 Fairlane Drive, Oakland, CA 94611 (US). TOLMAN, Richard, L. [US/US]; 2456 Foothill Boulevard, Los Altos, CA 94024 (US). MORIN, Gregg, B. [US/US]; 251 Atwell Drive, Toronto, Ontario M9W7H4 (CA).
- (74) EARP, David, J.; Geron Corporation, 230 Constitution 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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 02/077185 (13) A2
- (21) PCT/US02/09141
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (30) 09/819,142 27 Mar/mar 2001 US (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHODS FOR MODIFYING FLOWERING PHENOTYPES
- PROCÉDES DE MODIFICATION DE PHÉNOTYPES DE FLEURISSEMENT
- (71) MENDEL BIOTECHNOLOGY, INC. [US/US]; 21375 Cabot Boulevard, Hayward, CA 94545 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) REUBER, T., Lynne [US/US]; 1115 S. Grant Street, San Mateo, CA 94402 (US).
- (74) KULIK, David, J.; Wiley Rein & Fielding, LLP, 1776 K Street, N.W., Washington, D.C. 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 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).

TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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

- (11) WO 02/077186 (13) A2
- (21) PCT/US02/09188
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (30) 60/278,650 27 Mar/mar 2001 US (27.03.2001)
- (30) 09/950,082 12 Sep/sep 2001 US (12.09.2001)
- (30) 09/950,083 12 Sep/sep 2001 US (12.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • HUMAN SECRETED PROTEINS
 - PROTEINES SECRETEES PAR L'ETRE HUMAIN

(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]; 2240 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 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 : (q2)

(51)⁷ C12N

- (11) WO 02/077187 (13) A2
- (21) PCT/US02/09205
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 60/278,459 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • PROTEINS PRODUCING AN ALTERED IMMUNOGENIC RESPONSE AND METHODS OF MAKING AND USING THE SAME

- PROTEINES PROVOQUANT UNE REACTION IMMUNOGENE MODIFIEE, ET METHODES DE PRODUCTION ET D'UTILISATION DESDITES PROTEINES

(71) GENENCOR INTERNATIONAL, INC. [US/US]; 925 Page Mill Road, Palo Alto, CA 94304 (US). THE PROCTER & GAMBLE

COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
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(72, 75) ESTELL, David, A. [US/US]; David A. Estell, 248 Woodbridge Circle, San Mateo, CA 94403 (US). GANSHAW, Grant, C. [US/US]; 1751 Summertime Court, Tracy, CA 95376 (US). HARDING, Fiona, A [US/US]; 772 Lewis Street, Santa Clara, CA 95050 (US). LARENAS, Edmund, A. [US/US]; 301 Nevada, Moss Beach, CA 94038 (US). POULOSE, Ayrookaran, J. [US/US]; 2848 Wakefield Drive, Belmont, CA 94002 (US). SIKORSKI, Elizabeth, Ellen [US/US]; 5687 Genevieve Place, Fairfield, OH 45014 (US). ELLIOTT, Russel, Philip [GB/GB]; 24 Nobels Way, Egham, Surrey TW209RJ (GB).

(74) ITO, Richard, T.; Genencor International, Inc., 925 Page Mill Road, Palo Alto, CA 94304 (US).

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

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

- (11) WO 02/077188 (13) A2
- (21) PCT/US02/09239
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (30) 60/278,650 27 Mar/mar 2001 US (27.03.2001)
- (30) 09/950,082 12 Sep/sep 2001 US (12.09.2001)
- (30) 09/950,083 12 Sep/sep 2001 US (12.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (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 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 C12N

- (11) WO 02/077189 (13) A2
- (21) PCT/US02/09277
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 09/815,079 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • GLYCOSYLATION-RESISTANT CYANOVIRINS AND RELATED CONJUGATES, COMPOSITIONS, NUCLEIC ACIDS, VECTORS, HOST CELLS, METHODS OF PRODUCTION AND METHODS OF USING NONGLYCOSYLATED CYANOVIRINS

- CYANOVIRINES RESISTANT A LA GLYCOSYLATION ET CONJUGUES, COMPOSITIONS, ACIDES NUCLEIQUES, VECTEURS, CELLULES HOTES, ASSOCIES, ET PROCEDES D'OBTENTION ET D'UTILISATION DES CYANOVIRINES NON GLYCOSYLEES

- (63) US 09/815,079 (CON) 22 Mar/mar 2001 (22.03.2001)
- US 09/416,434 (CON) 12 Oct/oct 1999 (12.10.1999)
- US 09/267,447 (CON) 12 Dec/déc 1999 (12.12.1999)
- US 08/969,378 (CON) 13 Nov/nov 1997 (13.11.1997)
- US 08/429,965 (CON) 27 Apr/avr 1995 (27.04.1995)
- US 09/416,434 (CON) 12 Oct/oct 1999 (12.10.1999)
- US 08/969,689 (CON) 13 Nov/nov 1997 (13.11.1997)
- US 08/638,610 (CON) 26 Apr/avr 1996 (26.04.1996)
- US 08/429,965 (CON) 27 Apr/avr 1995 (27.04.1995)

(71) THE UNITED STATES OF AMERICA, represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; National Institutes of Health, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOYD, Michael, R. [US/US]; 5217 Fairgreen Way, Ijamsville, MD 21754 (US).

(74) LARCHER, Carol et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 180 North Stetson, Chicago, IL 60601-6780 (US).

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

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

- FI FR GB GR IE IT 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
(11) WO 02/077190 (13) A2
(21) PCT/US02/09323
(22) 27 Mar/mar 2002 (27.03.2002)
(25) en (26) en
(30) 09/817,182 27 Mar/mar 2001 US
(27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • ISOLATED HUMAN RAS-LIKE PRO-
TEINS, NUCLEIC ACID MOLECULES
ENCODING THESE HUMAN
RAS-LIKE PROTEINS, AND USES
THEREOF
• PROTEINES ISOLEES HUMAINES DE
TYPE RAS, MOLECULES D'ACIDE
NUCLEIQUE LES CODANT ET LEURS
UTILISATIONS
(71) PE CORPORATION (NY) [US/US]; 761
Main Avenue, Norwalk, CT 06859 (US).
(72) MERKULOV, Gennady, V.; c/o Celera Gen-
omics, 45 West Gude Drive C2-4#21,
Rockville, MD 20850 (US). GONG,
Fangcheng; c/o Celera Genomics, 45 West
Gude Drive C2-4#21, Rockville, MD 20850
(US). DI FRANCESCO, Valentina; c/o Cel-
era Genomics, 45 West Gude Drive C2-4#21,
Rockville, MD 20850 (US). BEASLEY,
Ellen, M.; c/o Celera Genomics Corporation,
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 UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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
(11) WO 02/077191 (13) A2
(21) PCT/US02/09325
(22) 27 Mar/mar 2002 (27.03.2002)
(25) en (26) en
(30) 09/817,180 27 Mar/mar 2001 US
(27.03.2001)
(30) 10/003,295 6 Dec/déc 2001 US
(06.12.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • ISOLATED HUMAN KINASE PRO-
TEINS, NUCLEIC ACID MOLECULES
ENCODING HUMAN KINASE PRO-
TEINS, AND USES THEREOF
• PROTEINES KINASE HUMAINES
ISOLEES, MOLECULES D'ACIDE NU-
CLEIQUE CODANT DES PROTEINES
KINASE HUMAINES, ET UTILISA-
TIONS ASSOCIEES
(71) PE CORPORATION (NY) [US/US]; 761
Main Avenue, Norwalk, CT 06859 (US).
-
- (72) GAN, Weiniu; c/o Celera Genomics, 45
West Gude Drive C2-4#21, Rockville, MD
20850 (US). YE, Jane; c/o Celera Genomics,
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BEASLEY, Ellen, M.; c/o 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 UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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
(11) WO 02/077192 (13) A2
(21) PCT/US02/09326
(22) 27 Mar/mar 2002 (27.03.2002)
(25) en (26) en
(30) 09/817,181 27 Mar/mar 2001 US
(27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • ISOLATED HUMAN KINASE PRO-
TEINS, NUCLEIC ACID MOLECULES
ENCODING HUMAN KINASE PRO-
TEINS, AND USES THEREOF
• PROTEINES KINASE ISOLEES HU-
MAINES, MOLECULES D'ACIDE
NUCLEIQUE LES CODANT ET LEURS
UTILISATIONS
(71) PE CORPORATION (NY) [US/US]; 761
Main Avenue, Norwalk, CT 06859 (US).
(72) MERKULOV, Gennady, V.; c/o Celera Gen-
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Rockville, MD 20850 (US). GONG,
Fangcheng; c/o Celera Genomics, 45 West
Gude Drive C2-4#21, Rockville, MD 20850
(US). DI FRANCESCO, Valentina; c/o Cel-
era Genomics, 45 West Gude Drive C2-4#21,
Rockville, MD 20850 (US). BEASLEY,
Ellen, M.; c/o 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 UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
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- (51)⁷ C12N
(11) WO 02/077193 (13) A2
(21) PCT/US02/09328
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- (22) 27 Mar/mar 2002 (27.03.2002)
(25) en (26) en
(30) 09/817,198 27 Mar/mar 2001 US
(27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • ISOLATED HUMAN RAS-LIKE PRO-
TEINS, NUCLEIC ACID MOLECULES
ENCODING THESE HUMAN
RAS-LIKE PROTEINS, AND USES
THEREOF
• PROTEINES DE TYPE RAS HU-
MAINES ISOLEES, MOLECULES
D'ACIDES NUCLEIQUES CODANTES
POUR CES PROTEINES DE TYPES
RAS HUMAINES ET UTILISATIONS
DE CELLES-CI
(71) PE CORPORATION [US/US]; 761 Main
Avenue, Norwalk, CT 06859 (US).
(72) GAN, Weiniu; c/o Celera Genomics, 45
West Gude Drive C2-4#21, Rockville, MD
20850 (US). YE, Jane; c/o Celera Genomics,
45 West Gude Drive C2-4#21, Rockville, MD
20850 (US). DI FRANCESCO, Valentina;
c/o Celera Genomics, 45 West Gude Drive
C2-4#21, Rockville, MD 20850 (US).
BEASLEY, Ellen, M.; c/o 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 UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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
(11) WO 02/077194 (13) A2
(21) PCT/US02/09333
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 60/279,004 26 Mar/mar 2001 US
(26.03.2001)
(30) 60/322,362 14 Sep/sep 2001 US
(14.09.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • POLYMER SYNTHESIS
• SYNTHÈSE DE POLYMERES
(63) US 60/279,004 (CON)
26 Mar/mar 2001 (26.03.2001)
US 60/322,362 (CON)
14 Sep/sep 2001 (14.09.2001)
(71) LINDEN TECHNOLOGIES, INC.
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MA 01801 (US).
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les États désignés sauf US)
(72, 75) HUANG, Tai-Nang [US/US]; 67 Sher-
burne Road South, Lexington, MA 02421
(US).

(74) **TSAO, Rocky, Y.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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

(11) WO 02/077195 (13) A2

(21) PCT/US02/09406

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,616 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • *PLASMODIUM FALCIPARUM* AMA-1 PROTEIN AND USES THEREOF

• PROTEINE AMA-1 DE *PLASMODIUM FALCIPARUM* ET SES APPLICATIONS

(71) **WALTER REED ARMY INSTITUTE OF RESEARCH** [US/US]; Department of the Army, Walter Reed Army Medical Center, Washington, DC 20307-5100 (US).

(72, 75) **LANAR, David, E.** [US/US]; 7401 Holly Avenue, Takoma Park, MD 20912 (US). **DUTTA, Sheetij** [IN/US]; 2550 Ross Road #103, Silver Spring, MD 20910 (US). **WARE, Lisa, A.** [US/US]; 3408 Beret Lane, Silver Spring, MD 20906 (US). **NAIR, Lalitha, P., V.** [IN/US]; 1220 Blair Mill Road, Apt. #105, Silver Spring, MD 20910 (US).

(74) **PRATT, Sana, A.**; Pratt & Associates, Inc., 10821 Hillbrooke Lane, Potomac, MD 20854 (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 CH CY DE DK ES FI FR GB GR IE IT 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

(11) WO 02/077196 (13) A2

(21) PCT/US02/09413

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,196 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MACROLIDE EFFLUX GENETIC ASSEMBLY

• CONSTRUCTION GENETIQUE A EFFLUX DE MACROLIDES

(63) US 60/278,196 (CIP) 23 Mar/mar 2001 (23.03.2001)

(71) **EMORY UNIVERSITY** [US/US]; 2009 Ridgewood Drive, Atlanta, CA 30322 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GAY, Kathryn** [US/US]; 526 Clifton Road, Atlanta, GA 30307 (US). **STEPHENS, David, S.** [US/US]; 5221 Gauley River Drive, Stone Mountain, GA 30087 (US).

(74) **FERBER, Donna, M.** et al. / etc.; Greenlee, Winner and Sullivan, P.C., 5370 Manhattan Circle, Suite 201, Boulder, CO 80303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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

(11) WO 02/077197 (13) A2

(21) PCT/US02/09419

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 09/819,148 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS FOR DIAGNOSING AND MONITORING MALIGNANCIES BY SCREENING GENE COPY NUMBERS

• METHODES DE DIAGNOSTIC ET DE SURVEILLANCE DE TUMEURS MALIGNES PAR CRIBLAGE DE NOMBRES DE COPIES D'UN GENE

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; Office of Technology Transfer, 1111 Franklin Street, 5th Floor, Oakland, CA 94607 (US).

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(72, 75) **KUO, Wen-Lin** [US/US]; 1536 Maple Leaf Drive, Pleasanton, CA 94588 (US). **POLIKOFF, Daniel** [US/US]; 3516 Barrett Avenue, Richmond, CA 94805 (US). **PINKEL, Daniel** [US/US]; 31 Manzanita Court, Walnut Creek, CA 94595 (US). **ALBERTSON, Donna** [US/US]; 1098 Via Roble, Lafayette, CA 94549 (US). **BERCHUK, Andy** [US/US]; 226 Chesley Lane, Chapel Hill, NC 27514 (US). **GRAY, Joe, W.** [US/US]; 50 Santa Paula Avenue, San Francisco, CA 94127 (US).

(74) **BASTIAN, Kevin, L.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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

(11) WO 02/077198 (13) A2

(21) PCT/US02/09509

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/279,083 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS OF MODULATING ANGIOGENESIS

• METHODES DE MODULATION DE L'ANGIOGENESE

(71) **JOSLIN DIABETES CENTER, INC.** [US/US]; One Joslin Place, Boston, MA 02215 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KING, George, Liang** [US/US]; 101 Sentre Street, Dover, MA 02030 (US).

(74) **LAWRENCE, Laurie, Butler**; Fish & Richardson, P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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

(11) WO 02/077199 (13) A2

(21) PCT/US02/09517

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/279,165 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS AND PRODUCTS RELATED TO FGF DIMERIZATION

• PROCEDES ET PRODUITS SE RAPPORTANT A LA DIMERISATION DES FACTEURS DE CROISSANCE DES FIBROBLASTES

(71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).

- (72) **KWAN, Chipong**; 46 Rinal Street, Framingham, MA 01701 (US). **VENKATARAMAN, Ganesh**; 3911 Stearns Hill Road, Waltham, MA 02451 (US). **SHRIVER, Zachary**; 26 Inman Street #3C, Cambridge, MA 02139 (US). **RAMAN, Rahul**; 144 Pemberton Street, Cambridge, MA 02139 (US). **SASISEKHARAN, Ram**; 2130 Massachusetts Avenue, #7B, Cambridge, MA 02140 (US).
- (74) **LOCKHART, Helen, C.**; 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 ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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
(11) WO 02/077201 (13) A2
(21) PCT/ZA02/00046
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 2001/2415 23 Mar/mar 2001 ZA (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • A METHOD OF PREPARING A GROWTH SUBSTRATE
• PROCEDE DE PREPARATION D'UN SUBSTRAT DE CULTURE
- (71, 72) **HILDITCH, Anthony, John** [ZA/ZA]; New Inchgarth, Himeville (ZA).
- (72, 75) **STRAKER, Colin, John** [ZA/ZA]; 43 Oak Avenue, Riverclub (ZA).
- (74) **LE ROUX, Marius**; D M Kisch Inc, P.O. Box 781218, 2146 Sandton (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
(11) WO 02/077200 (13) A2
(21) PCT/US02/09559
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 60/279,168 27 Mar/mar 2001 US (27.03.2001)
(30) 60/353,392 31 Jan/jan 2002 US (31.01.2002)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • EFFICIENT METHODS FOR ISOLATING FUNCTIONAL G-PROTEIN COUPLED RECEPTORS AND IDENTIFYING ACTIVE EFFECTORS AND EFFICIENT METHODS TO ISOLATE PROTEINS INVOLVED IN OLFACTION AND EFFICIENT METHODS TO ISOLATE AND IDENTIFYING ACTIVE EFFECTORS
• PROCEDES EFFICACES DESTINES A ISOLER DES RECEPTEURS FONCTIONNELS COUPLES A LA PROTEINE G ET A IDENTIFIER DES EFFECTEURS ACTIFS, DES PROCEDES EFFICACES DESTINES A ISOLER DES PROTEINES IMPLIQUEES DANS L'ODORAT ET DES PROCEDES EFFICACES DESTINES A ISOLER ET A IDENTIFIER DES EFFECTEURS ACTIFS
- (71) **INSCENT, INC** [US/US]; 17905 Sky Park Circle, Suite P, Irvine, CA 92614 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WOODS, Daniel** [US/US]; Inscent, Inc., 17905 Sky Park Circle, Suite P, Irvine, CA 92614 (US). **DIMITRATOS, Spiros** [US/US]; Inscent, Inc., 17905 Sky Park Circle, Suite P, Irvine, CA 92614 (US).
- (74) **PRESTON, David** et al. / etc.; David R. Preston & Associates, A.P.C., 12625 High Bluff Drive, Suite 205, San Diego, CA 92130 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 1/00, 5/00
(11) WO 02/077202 (13) A1
(21) PCT/US02/09183
(22) 27 Mar/mar 2002 (27.03.2002)
(25) en (26) en
(30) 60/278,754 27 Mar/mar 2001 US (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CULTURE MEDIUM FOR CELL GROWTH AND TRANSFECTION
• MILIEU DE CULTURE POUR CROISSANCE CELLULAIRE ET TRANSFECTION CELLULAIRE
- (71) **INVITROGEN CORPORATION** [US/US]; 1600 Faraday Avenue, Carlsbad, CA 92008 (US).
- (72) **CICCARONE, Valentina**; 11044 Rutledge Drive, Gaithersburg, MA 20878 (US). **GRUBER, Dale**; 92 Cheshire Lane, East Amherst, NY 14051 (US). **BENNETT, Shelly**; 6022 Stonehenge Place, North Bethesda, MA 20852 (US).
- (74) **ESMOND, Robert, W. et al. / etc.**; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., 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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12N 1/14, C12P 21/02 // (C12N 1/14, C12R 1:645) (C12P 21/02, C12R 1:645)
(11) WO 02/077203 (13) A1
(21) PCT/JP01/03069
(22) 10 Apr/avr 2001 (10.04.2001)
(25) ja (26) ja
(30) 2001-82271 22 Mar/mar 2001 JP (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SELECTION MEDIA FOR BEAUVERIOLIDE I OR BEAUVERIOLIDE III AND PROCESS FOR SELECTIVELY PRODUCING THESE SUBSTANCES
• PROCEDES DE SELECTION DE BEAUVERIOLIDE I OU BEAUVERIOLIDE III ET PROCEDE SERVANT A EFFECTUER LA PRODUCTION SELECTIVE DE CES SUBSTANCES
- (71) **GAKKOU HOUJIN KITASATO GAKUEN** [JP/JP]; 9-1, Shirokane 5-chome, Minato-ku, Tokyo 108-8641 (JP). **JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE** [JP/JP]; 3-1, Kojimachi 5-chome, Chiyoda-ku, Tokyo 102-8471 (JP).
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- (72, 75) **OMURA, Satoshi** [JP/JP]; c/o GAKKOU HOUJIN KITASATO GAKUEN, KITASATO UNIVERSITY, GRADUATE SCHOOL OF PHARMACEUTICAL SCIENCES, 9-1, Shirokane 5-chome, Minato-ku, Tokyo 108-8641 (JP). **TOMODA, Hiroshi** [JP/JP]; c/o The Kitasato Institute, 9-1, Shirokane 5-chome, Minato-ku, Tokyo 108-8642 (JP).
- (74) **KOBAYASHI, Kazunori**; Taiyoseimeiot-suka Bldg. 3F, 25-1, Kitaotsuka 2-chome, Toshima-ku, Tokyo 170-0004 (JP).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ C12N 5/00
(11) WO 02/077204 (13) A2
(21) PCT/GB02/01195

- (22) **25 Mar/mar 2002 (25.03.2002)**
(25) en (26) en
(30) 0107299.0 **23 Mar/mar 2001 GB (23.03.2001)**
(30) 0107296.6 **23 Mar/mar 2001 GB (23.03.2001)**
(30) 0109346.7 **17 Apr/avr 2001 GB (17.04.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • STEM CELL
• CELLULE EMBRYONNAIRE
(71) **AXORDIA LIMITED** [GB/GB]; Firth Court, Western Bank, Sheffield S10 2TN (GB).
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- (72, 75) **ANDREWS, Peter** [GB/GB]; University of Sheffield, Western Bank, Sheffield S10 2TN (GB). **WALSH, James** [GB/GB]; University of Sheffield, Western Bank, Sheffield S10 2TN (GB). **GOKHALE, Paul** [GB/GB]; University of Sheffield, Western Bank, Sheffield S10 2TN (GB).

- (74) **HARRISON GODDARD FOOTE**; 31 St. Saviourgate, York YO1 8NQ (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 5/00
(11) **WO 02/077205** (13) A2
(21) PCT/IB02/02046

- (22) **26 Mar/mar 2002 (26.03.2002)**
(25) en (26) en
(30) 0107525.8 **26 Mar/mar 2001 GB (26.03.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • CULTURE MEDIUM FOR ENHANCED HETEROLOGOUS PROTEIN EXPRESSION
• MILIEU DE CULTURE POUR UNE EXPRESSION AMELIOREE D'UNE PROTEINE HETEROLOGUE

- (71) **CHIRON SPA** [IT/IT]; Via Fiorentina, 1, I-53100 Siena (IT).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **KAPAT, Arnab** [IN/IT]; Chiron SpA, Via Fiorentina 1, I-53100 (IT). **OLIVIERI, Roberto** [IT/IT]; Chiron SpA, Via Fiorentina 1, I-53100 Siena (IT).

- (74) **HALLYBONE, Huw, George et al.** / etc.; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

- LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 5/00, 7/00, 15/85, 15/86, C12Q 1/70
(11) **WO 02/077206** (13) A1

- (21) PCT/US02/09685
(22) **27 Mar/mar 2002 (27.03.2002)**

- (25) en (26) en
(30) 60/279,174 **27 Mar/mar 2001 US (27.03.2001)**

- (43) 3 Oct/oct 2002 (03.10.2002)

- (54) • COMPOSITIONA AND METHODS USEFUL FOR HCV INFECTION
• COMPOSITION ET METHODES DE TRAITEMENT DE L'INFECTION PAR LE VHC

- (71) **VERTEX PHARMACEUTICALS INCORPORATED** [US/US]; 130 Waverly Street, Cambridge, MA 02139-4242 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **KWONG, Ann** [US/US]; 45 Sunset Road, Cambridge, MA 02138 (US). **BYRN, Randal** [US/US]; 7 Pemberton Road, Wayland, MA 01778 (US). **REID, Lola, M.** [US/US]; 3621 Sweeten Creek, Chapel Hill, NC 27514 (US).

- (74) **HALEY, James, F. et al.** / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12N 5/02, 1/04, G01N 33/53
(11) **WO 02/077207** (13) A1
(21) PCT/US02/08704

- (22) **22 Mar/mar 2002 (22.03.2002)**
(25) en (26) en

- (30) 60/278,269 **23 Mar/mar 2001 US (23.03.2001)**

- (43) 3 Oct/oct 2002 (03.10.2002)

- (54) • CELL-BASED ASSAYS FOR THE SIMULTANEOUS AND DISCRETE ANALYSIS OF MULTIPLE ANALYTES
• ESSAIS FAISANT INTERVENIR DES CELLULES POUR L'ANALYSE SIMULTANEE ET DISCRETE D'ANALYTES MULTIPLES

- (71) **SURROMED, INC.** [US/US]; 2375 Garcia Avenue, Mountain View, CA 94043 (US).

- (72) **KANTOR, Aaron, B.**; 30 LaBarthe Lane, San Carlos, CA 94070 (US). **STEMMER, Willem, P.C.**; 108 Kathy Court, Los Gatos, CA 95030 (US). **CROMER, Remy**; 4267 Colombo Drive, San Jose, CA 95130 (US).

- (74) **SWANSON, Barry, J. et al.** / etc.; Swanson & Bratschun, L.L.C., 1745 Shea Center Drive, Suite 330, Highlands Ranch, CO 80129 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12N 5/06, C07K 16/28, 14/705, C12N 5/10, A61K 35/14, 39/395

- (11) **WO 02/077208** (13) A1
(21) PCT/EP02/03292

- (22) **23 Mar/mar 2002 (23.03.2002)**
(25) de (26) de

- (30) 01107578.5 **27 Mar/mar 2001 EP (27.03.2001)**

- (43) 3 Oct/oct 2002 (03.10.2002)

- (54) • ANTIGEN-DEPENDENT REDUCTION OF SPECIFIC IMMUNE REACTIONS BY INFLUENCING THE CO-STIMULATION
• DIMINUTION DE REACTIONS IMMUNITAIRES SPECIFIQUES DEPENDANTE DE CERTAINS ANTIGENES PAR UN EFFET DE CO-STIMULATION

- (71) **GENETHOR GMBH** [DE/DE]; Robert-Rössle-Strasse 10, 13125 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **SHERIFF, Ahmed** [DE/DE]; Geibelstrasse 1, 12305 Berlin (DE).

- (74) **MEYERS, Hans-Wilhelm et al.** / etc.; Postfach 10 22 41, 50462 Köln (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12N 5/14, A01H 4/00, C12N 15/40, 15/82
(11) **WO 02/077209** (13) A1

- (21) PCT/SE02/00533

- (22) 20 Mar/mar 2002 (20.03.2002)
(25) en (26) en
(30) 01010148-7 26 Mar/mar 2001 SE (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • TRANSGENIC PLANTS WITH RESISTANCE AGAINST TOBACCO RATTLE VIRUS AND CORRESPONDING NUCLEOTIDE SEQUENCE
• PLANTES TRANSGENIQUES POSSEDANT UNE RESISTANCE CONTRE LE VIRUS DE TOBACCO RATTLE ET SEQUENCE NUCLEOTIDIQUE CORRESPONDANTE
- (71) PLANT SCIENCE SWEDEN AB [SE/SE]; S-268 81 Svalöv (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MELANDER, Margareta [SE/SE]; Hubertusvägen 27, S-226 53 Lund (SE).
- (74) ALBIHNS 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 7/00, A61K 39/155, C07K 14/115, C12N 15/45, 15/85, C07K 16/10, A61K 39/42, C12N 7/04, G01N 33/569, C12Q 1/68, 1/70, C12N 5/06, A01K 67/027, G01N 33/50
- (11) WO 02/077211 (13) A2
(21) PCT/US02/04117
(22) 7 Feb/fév 2002 (07.02.2002)
(25) en (26) en
(30) 60/267,253 7 Feb/fév 2001 US (07.02.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • A NOVEL VIRUS (CRYPTOVIRUS) WITHIN THE RUBULAVIRUS GENUS AND USES THEREFOR
• NOUVEAU VIRUS (CRYPTOVIRUS) FAISANT PARTIE DU GENRE RUBULAVIRUS ET UTILISATIONS
- (71) CRYPTIC AFFLICTIONS, LLC [US/US]; Cryptic Afflictions, LLC, 1315 Tenth Street, Baldwin City, KS 66006 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (74) STEINBERG, Nisan, A., Ph., D. et al. / etc.; Sidley Austin Brown & Wood LLP, 555 West Fifth Street, Los Angeles, CA 90013-1010 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 7/00
- (11) WO 02/077210 (13) A2
(21) PCT/CA02/00413
(22) 27 Mar/mar 2002 (27.03.2002)
(25) en (26) en
(30) 60/279,173 27 Mar/mar 2001 US (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHODS TO CULTURE CIRCOVIRUS
• METHODES DE CULTURE DU CIRCOVIRUS
- (71) UNIVERSITY OF SASKATCHEWAN [CA/CA]; 120 Veterinary Road, Saskatoon, Saskatchewan S7N 5E3 (CA).
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- (72, 75) LIU, Qiang [CN/CA]; 114 Foothills Village, 1540 29th Street NW, Calgary, Alberta T2N 4M1 (CA). TIKOO, Suresh, K. [CA/CA]; 302-102 Edinburgh Place, Saskatoon, Saskatchewan S7H 5J7 (CA). WILLSON, Philip [CA/CA]; 3 Oliver Crescent, Saskatoon, Saskatchewan S7H 3C7 (CA). BABIUK, Lorne, A. [CA/CA]; 245 East Place, Saskatoon, Saskatchewan S7J 2Y1 (CA).
- (74) MARSMAN, Kathleen, E. et al. / etc.; Borden Ladner Gervais LLP, World Exchange Plaza, 100 Queen Street, Suite 1100, Ottawa, Ontario K1P 1J9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 9/00
- (11) WO 02/077212 (13) A2
(21) PCT/EP02/01840
(22) 21 Feb/fév 2002 (21.02.2002)
(25) en (26) en
(30) 101 14 999.9 26 Mar/mar 2001 DE (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • D-CARBAMOYLASE FROM ARTHROBACTER CRYSTALLOPOITES DSM 20117
• D-CARBAMOYLASE PROVENANT DE L'ORGANISME ARTHROBACTER CRYSTALLOPOIETES DSM 20117
- (71) DEGUSSA AG [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).
- (72) DRAUZ, Karlheinz; Zur Marienruhe 13, 63589 Freigericht (DE). MAY, Oliver; Am Reborn 17A, 60388 Frankfurt (DE). BOMMARIUS, Andreas; 1105 Vernon Springs Court, Atlanta, GA 30327 (US). SYLDATK, Christoph; Reinbeckstrasse 29B, 70565 Stuttgart (DE). ALTENBUCHNER, Josef; Hindenburgstrasse 6, 71154 Nufringen (DE). WERNER, Markus; Falenstrasse 6, 74189 Weinsberg (DE). SIEMANN-HERZBERG, Martin; Röteweg 24/2, 72218 Wildberg (DE).
- (81) BR CA CN CZ IL IN JP KR SG ZA.
(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 C12N 9/00
- (11) WO 02/077213 (13) A2
(21) PCT/EP02/03418
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 0107510.0 26 Mar/mar 2001 GB (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • NEW ELONGASE GENE AND PRODUCTION OF Δ 9-POLYUNSATURATED FATTY ACIDS
• NOUVEAU GENE D'ELONGASE ET PREPARATION DE Δ 9-ACIDES GRAS POLYINSATURES
- (71) UNIVERSITY OF BRISTOL [DE/DE]; Long Ashton, Bristol BS41 9AF (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAPIER, Johnathan, A. [GB/GB]; 40 The Nursery, Bedminster, Bristol BS3 3EB (GB). LAZARUS, Colin, M. [GB/GB]; 119 York Road, Montpelier, Bristol BS6 5QG (GB). QI, Baoxiu [GB/GB]; 4 Cumberland House, Norfolk Crescent, Bath BA1 2BG (GB). LERCHL, Jens [DE/SE]; Onsjövägen 17, S-26831 Svalöv (SE).
- (74) DÖRPER, Thomas; 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 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 C12N 9/00, 9/10, 1/20, 15/00, C07H 21/04
- (11) WO 02/077214 (13) A1
(21) PCT/US02/08290
(22) 19 Mar/mar 2002 (19.03.2002)
(25) en (26) en
(30) 09/813,918 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • ISOLATED HUMAN DRUG-METABOLIZING PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN DRUG-METABOLIZING PROTEINS, AND USES THEREOF
• PROTEINES HUMAINES ISOLEES METABOLISANT LE MEDICAMENT, MOLECULES D'ACIDES NUCLEIQUES CODANT POUR CES PROTEINES ET UTILISATIONS ASSOCIEES

(71) PE CORPORATION (NY) [US/US]; 761 Main Avenue, Norwalk, CT 06859 (US).

(72) WEBSTER, Marion; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). WEI, Ming-Hui; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). DI FRANCESCO, Valentina; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). BEASLEY, Ellen, M.; c/o 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12N 9/02, A01K 67/027, C12N 5/10, G01N 33/68, A61K 38/00, 48/00, C12Q 1/68

(11) WO 02/077215 (13) A1
(21) PCT/US01/30452
(22) 28 Sep/sep 2001 (28.09.2001)
(25) en (26) en
(30) 09/816,088 26 Mar/mar 2001 US (26.03.2001)
(30) 09/956,993 21 Sep/sep 2001 US (21.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • ISOLATED HUMAN ENZYME, NUCLEIC ACID MOLECULES ENCODING HUMAN ENZYME, AND USES THEREOF
• GENE CODANT UNE OXYDO-REDUCTASE STEROIDIENNE PRESUMEE

(71) PE CORPORATION(NY) [US/US]; 761 Main Avenue, Norwalk, CT 06859 (US).

(72) WEI, Ming-Hui; c/o Celera Genomics, 45 West Gude Drive C2-4#20, Rockville, MD 20850 (US). YAN, Chunhua; c/o Celera Genomics, 45 West Gude Drive C2-4#20, Rockville, MD 20850 (US). DI FRANCESCO, Valentina; c/o Celera Genomics, 45 West Gude Drive C2-4#20, Rockville, MD 20850 (US). BEASLEY, Ellen, M.; c/o Celera Genomics, 45 West Gude Drive C2-4#20, Rockville, MD 20850 (US).

(74) CELERA GENOMICS; Robert A. Millman, Chief Intellectual Property Counsel, 45 West Gude Drive C2-4#20, 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 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 C12N 9/12, 15/12, C07K 14/705, 14/47, G01N 33/50, C07K 16/18, 16/28, 16/40, A61K 39/00

(11) WO 02/077216 (13) A2
(21) PCT/EP02/03393
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 60/279,188 27 Mar/mar 2001 US (27.03.2001)
(30) 60/284,987 19 Apr/avr 2001 US (19.04.2001)
(30) 60/295,726 4 Jun/juin 2001 US (04.06.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • NOVEL POLYPEPTIDES
• NOUVEAUX POLYPEPTIDES
(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).
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(71) NOVARTIS ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H. [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
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(72, 75) DE MARTIN, Rainer [AT/AT]; Schlöglgasse 38/8, A-1120 Vienna (AT). HOFER, Erhard [AT/AT]; Rudolf Zeller Gasse 48/30, A-1230 Vienna (AT). HOFER-WARBINEK, Renate [AT/AT]; Rudolf-Zeller Gasse 48/30, A-1238 Wien (AT). KALTHOFF, Frank, Stephan [DE/AT]; Mödlinger-Strasse 3/6, A-2353 Guntramsdorf (AT). LIPP, Hans-Joachim [DE/AT]; Bergsteigasse 13a, A-2500 Baden (AT). MECHTCHERIAKOVA, Diana [RU/AT]; Fasangartengasse 30/1/4, A-1130 Wien (AT). SCHMID, Johannes [AT/AT]; Brühlerstrasse 106/9, A-2340 Mödling (AT). SOBANOV, Yuri [RU/AT]; Am Hundsturm 12, A-1050 Wien (AT).

(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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ C12N 9/16, 9/00, 15/11, 15/12, 15/62, C12Q 1/68, G01N 33/53, A61K 31/7088, 38/17, 39/395

(11) WO 02/077217 (13) A2
(21) PCT/EP02/03091
(22) 20 Mar/mar 2002 (20.03.2002)
(25) en (26) en
(30) 60/277,954 23 Mar/mar 2001 US (23.03.2001)
(30) 60/351,377 28 Jan/jan 2002 US (28.01.2002)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • REGULATION OF HUMAN DUAL SPECIFICITY PROTEIN PHOSPHATASE 7-LIKE PROTEIN
• REGULATION DE PROTEINE HUMAINE DU TYPE PHOSPHATASE 7 A SPECIFICITE DOUBLE (DSPP7)

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).
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(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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12N 9/64
(11) WO 02/077218 (13) A1
(21) PCT/DK02/00189
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) PA 2001 00477 22 Mar/mar 2001 DK (22.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COAGULATION FACTOR VII DERIVATIVES
• DERIVES DU FACTEUR VII DE COAGULATION
- (71) NOVO NORDISK A/S [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).
- (72) PERSSON, Egon; 60, Lundavägen, S-232 52 Åkarp (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12N 9/82, C07K 1/00, 14/00, C07H 21/02, 21/04
- (11) WO 02/077219 (13) A1
- (21) PCT/US02/09492
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (30) 60/278,866 26 Mar/mar 2001 US (26.03.2001)
- (30) 60/302,804 3 Jul/juil 2001 US (03.07.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • NOVEL HUMAN ASPARAGINASES AND POLYNUCLEOTIDES ENCODING THE SAME
• NOUVELLES ASPARAGINASES HUMAINES ET POLYNUCLEOTIDES CODANT CES DERNIERES
- (71) LEXICON GENETICS INCORPORATED [US/US]; 4000 Research Forest Drive, The Woodlands, TX 77381 (US).
- (72) FRIDDLE, Carl, Johan; 127 S. Goldenvine Circle, The Woodlands, TX 77382 (US). GERHARDT, Brenda; 2123 Knollbrook Lane, Spring, TX 77373 (US).
- (74) ISHIMOTO, Lance, K. et al. / etc.; Lexicon Genetics Incorporated, 4000 Research Forest Drive, The Woodlands, TX 77381 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12N 15/00
- (11) WO 02/077220 (13) A2
- (21) PCT/GB02/01468
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (30) 0107627.2 27 Mar/mar 2001 GB (27.03.2001)
- (30) 0122304.9 14 Sep/sep 2001 GB (14.09.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • HUMAN EST1 GENE
• GENE EST-1 HUMAIN
- (71) BTG INTERNATIONAL LIMITED [GB/GB]; 10 Fleet Place, Limeburner Place, London EC4M 7SB (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINGNER, Joachim [CH/CH]; Chemin de La Pecholettaz 6B, CH-1066 Epalinges (CH). REICHENBACH, Patrick [CH/CH]; Residence du Nozon 7, CH-1317 Orny (CH). HÖSS, Matthias [DE/GB]; 1 Vyse Close, Barnet EN5 3BA (GB). NABHOLZ, Markus [CH/CH]; Chemin de La Mine 10, CH-1163 Etoy (CH). BUCHER, Philipp [CH/CH]; Chemin des Eterpeys 31, CH-1010 Lausanne (CH).
- (74) DOLAN, Anthony, Patrick; BTG International Limited, 10 Fleet Place, Limeburner Lane, London EC4M 7SB (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N 15/00, 5/00, C12P 21/06, 21/04, A61K 39/12
- (11) WO 02/077221 (13) A1
- (21) PCT/US02/09431
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (30) 60/279,048 27 Mar/mar 2001 US (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PACKAGING CELL LINES FOR THE CONTINUOUS PRODUCTION OF ALPHAVIRUS VECTORS
• LIGNEES CELLULAIRES D'ENCAPSULATION POUR LA PRODUCTION CONTINUE DE VECTEURS D'ALPHA-VIRUS
- (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) MERUELO, Daniel [US/US]; 9 Country Club Lane, Scarborough, NY 10510 (US). PAMPENO, Christine [US/US]; Apartment 803A, 304 East 41st Street, New York, NY 10017 (US).
- (74) FRANKFORT, Howard, M. et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM EC EE ES FI GB GD GE HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ 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 CH CY DE DK ES FI FR GB GR IE 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 C12N 15/09, C12Q 1/68, G01N 33/15, 33/50, 37/00
- (11) WO 02/077222 (13) A1
- (21) PCT/JP02/02372
- (22) 13 Mar/mar 2002 (13.03.2002)
- (25) ja (26) ja
- (30) 2001-70940 13 Mar/mar 2001 JP (13.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • GENE PANEL PARTICIPATING IN LIVER REGENERATION
• ENSEMBLE DE GENES PARTICIPANT A LA REGENERATION DU FOIE
- (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) YOKOYA, Fumihiko [JP/JP]; C/O AJINOMOTO Co., Inc., Pharmaceutical Research Laboratories, 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP). OKUTSU, Tomohisa [JP/JP]; C/O AJINOMOTO Co., Inc., Pharmaceutical Research Laboratories, 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP). MORI, Maiko [JP/JP]; C/O AJINOMOTO Co., Inc., Pharmaceutical Research Laboratories, 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP). TAKAHARA, Yoshiyuki [JP/JP]; C/O AJINOMOTO Co., Inc., Pharmaceutical Research Laboratories, 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP). FUKUDA, Hisao [JP/JP]; C/O AJINOMOTO Co., Inc., Pharmaceutical Research Laboratories, 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP). ABURATANI, Hiroyuki [JP/JP]; 3-30-16, Kichijoji minami-cho, Musashino-shi, Tokyo 180-0003 (JP). SONAKA, Ichiro [JP/JP]; C/O AJINOMOTO Co., Inc., Pharmaceutical Research Laboratories, 1-1, Suzuki-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-8681 (JP).
- (74) TOYAMA, Tsutomu et al. / etc.; Yokoyama Building 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ C12N 15/09, 1/15, 1/19, 1/21, 9/48, 15/57

(11) WO 02/077223 (13) A1

(21) PCT/JP02/02476

(22) 15 Mar/mar 2002 (15.03.2002)

(25) ja (26) ja

(30) 2001-78930 19 Mar/mar 2001 JP
(19.03.2001)

(30) 2001-293348 26 Sep/sep 2001 JP
(26.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NOVEL AMINOPEPTIDASE AND ITS
GENE

• NOUVELLE AMINOPEPTIDASE ET
SON GENE

(71) AJINOMOTO CO., INC. [JP/JP]; 15-1, Ky-
obashi 1-Chome, Chuo-Ku, Tokyo 104-0031
(JP).

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les États désignés sauf US)

(72, 75) KOIBUCHI, Kyoko [JP/JP]; c/o Food
Research & Development Laboratories, AJI-
NOMOTO CO., INC., 1-1, Suzuki-Cho,
Kawasaki-Ku, Kawasaki-Shi, Kanagawa
210-0801 (JP). NINOMIYA, Daiki [JP/JP];
c/o Food Research & Development Lab-
oratories, AJINOMOTO CO., INC., 1-1,
Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi,
Kanagawa 210-0801 (JP). KOJIMA, Mari
[JP/JP]; c/o Food Research & Development
Laboratories, AJINOMOTO CO., INC., 1-1,
Suzuki-Cho, Kawasaki-Ku, Kawasaki-Shi,
Kanagawa 210-0801 (JP). UEDA, Yoichi
[JP/JP]; c/o Seasoning Research & De-
velopment Laboratories, AJINOMOTO
CO., INC., 1-1, Suzuki-Cho, Kawasaki-Ku,
Kawasaki-Shi, Kanagawa 210-0801 (JP).
MARUYAMA, Jun-ichi [JP/JP]; 3-12-12,
Nishiyase, Adachi-Ku, Tokyo 120-0014
(JP). KITAMOTO, Katsuhiko [JP/JP];
2-15-12, Yayoi, Bunkyo-Ku, Tokyo 113-0032
(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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ C12N 15/09, C12Q 1/68, G01N 33/53,
33/566, 33/58

(11) WO 02/077224 (13) A1

(21) PCT/JP02/03013

(22) 27 Mar/mar 2002 (27.03.2002)

(25) ja (26) ja

(30) 2001-090556 27 Mar/mar 2001 JP
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NOVEL NUCLEIC ACID PROBE AND
NOVEL METHOD OF ASSAYING NU-
CLEIC ACIDS USING THE SAME

• NOUVELLE SONDE D'ACIDE NU-
CLEIQUE ET NOUVEAU PROCEDE
D'ESSAI D'ACIDES NUCLEIQUES
FAISANT APPEL A LADITE SONDE

(71) JAPAN BIOINDUSTRY ASSOCIATION
[JP/JP]; 26-9, Hachobori 2-chome, Chuo-ku,
Tokyo 104-0032 (JP). NATIONAL INSTI-
TUTE OF ADVANCED INDUSTRIAL
SCIENCE AND TECHNOLOGY [JP/JP];
3-1, Kasumigaseki 1-chome, Chiyoda-ku,
Tokyo 100-8921 (JP). KANKYO ENGI-
NEERING CO., LTD. [JP/JP]; 1-9-8,
Higashi-kanda, Chiyoda-ku, Tokyo 101-0031
(JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KURANE, Ryuichiro [JP/JP]; c/o
National Institute of Advanced, Industrial
Science and Technology, Tsukuba Cen-
tral, 1-1, Higashi 1-chome, Tsukuba-shi,
Ibaraki 305-8561 (JP). KANAGAWA,
Takahiro [JP/JP]; c/o National Institute
of Advanced, Industrial Science and Technol-
ogy, Tsukuba Central, 1-1, Higashi 1-chome,
Tsukuba-shi, Ibaraki 305-8561 (JP). KA-
MAGATA, Yoichi [JP/JP]; c/o National
Institute of Advanced, Industrial Science and
Technology, Tsukuba Central, 1-1, Higashi
1-chome, Tsukuba-shi, Ibaraki 305-8561
(JP). TORIMURA, Masaki [JP/JP]; c/o
National Institute of Advanced, Industrial
Science and Technology, Tsukuba Central,
1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki
305-8561 (JP). KURATA, Shinya [JP/JP];
c/o Kankyo Engineering Co., Ltd., 1-9-8,
Higashi-kanda, Chiyoda-ku, Tokyo 101-0031
(JP). YAMADA, Kazutaka [JP/JP]; c/o
Kankyo Engineering Co., Ltd., 1-9-8, Hi-
gashi-kanda, Chiyoda-ku, Tokyo 101-0031
(JP). YOKOMAKU, Toyokazu [JP/JP]; c/o
Kankyo Engineering Co., Ltd., 1-9-8, Hi-
gashi-kanda, Chiyoda-ku, Tokyo 101-0031
(JP).

(74) YOSHIDA, Katsuhiko et al. / etc.; Akosu
Building, 30, Kandasakuma-cho 3-chome,
Chiyoda-ku, Tokyo 101-0025 (JP).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ C12N 15/10

(11) WO 02/077225 (13) A1

(21) PCT/EP02/02971

(22) 18 Mar/mar 2002 (18.03.2002)

(25) de (26) de

(30) 01107318.6 23 Mar/mar 2001 EP
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR ISOLATING DNA

• PROCEDE POUR ISOLER DE L'ADN

(71) GENESCAN EUROPE AG [—/DE]; En-
gesserstrasse 4 b, 79108 Freiburg (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MÜLLER, Werner [DE/DE]; Giessener
Strasse 4, 64646 Heppenheim (DE).

(74) TEIPEL, Susanne; Schwabe, Sandmair
& Marx, Stuntzstrasse 16, 81677 München
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ C12N 15/10, C12P 21/02, 21/08, C07K
14/705, 16/28, A61K 38/00, 39/395, A61P
13/02, 29/00, 43/00, G01N 33/15, 33/50,
33/53, 33/566, 33/577

(11) WO 02/077226 (13) A1

(21) PCT/JP02/02757

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-85480 23 Mar/mar 2001 JP
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROSTAGLANDIN EP1 RECEPTOR

• RECEPTEUR EP1 DE PROSTAGLAN-
DINE

(71) ONO PHARMACEUTICAL CO., LTD.
[JP/JP]; 1-5, Doshomachi 2-chome, Chuo-ku,
Osaka-shi, Osaka 541-8526 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TAJIMA, Hisao [JP/JP]; c/o Minase
Research Institute, Ono Pharmaceutical Co.,
Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho,
Mishima-gun, Osaka 618-8585 (JP).

(74) OHIE, Kunihisa; Ohie Patent Office,
Horiguchi No. 2 Bldg. 7F, 2-6, Nihon-
bashi-Ningyocho 2-chome, Chuo-ku, Tokyo
103-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ C12N 15/10, 15/12, C07K 14/47

(11) WO 02/077227 (13) A2

(21) PCT/US01/43568

- (22) 20 Nov/nov 2001 (20.11.2001)
- (25) en (26) en
- (30) 09/716,637 20 Nov/nov 2000 US (20.11.2000)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ITERATIVE OPTIMIZATION IN THE DESIGN OF BINDING PROTEINS
• OPTIMISATION ITERATIVE DE LA CONCEPTION DE PROTEINES DE LIAISON
- (63) US 09/716,637 (CIP)
20 Nov/nov 2000 (20.11.2000)
- (71) SANGAMO BIOSCIENCES, INC. [US/US]; Point Richmond Tech Center, Suite A100, 501 Canal Boulevard, Richmond, CA 94804 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EISENBERG, Stephen, P. [US/US]; 5664 Pennsylvania Place, Boulder, CO 80303 (US). LIU, Qiang [US/US]; 55 Williams Lane, Foster City, CA 94404 (US). JAMIESON, Andrew [GB/US]; 2528 Sutter Street, San Francisco, CA 94115 (US). REBAR, Edward [US/US]; 1609 Roger Court, El Cerrito, CA 94530 (US).
- (74) PASTERNAK, Dahna, S.; Robins & Paternak LLP, Suite 200, 90 Middlefield Road, Menlo Park, CA 94025 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N 15/11, 15/12, C07K 14/47, 16/18, A01K 67/027, A61K 31/713, 38/17, 39/395, C12Q 1/68, G01N 33/68
- (11) WO 02/077228 (13) A1
- (21) PCT/IB01/00546
- (22) 22 Mar/mar 2001 (22.03.2001)
- (25) en (26) en
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • GENE INVOLVED IN V(D)J RECOMBINATION AND/OR DNA REPAIR
• GENE IMPLIQUE DANS LA RECOMBINAISON V(D)J ET/OU LA REPARATION DE L'ADN
- (71) INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) [FR/FR]; 101, rue de Tolbiac, F-75013 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DE VILLARTAY, Jean-Pierre [FR/FR]; 20, rue des Colnottes, F-91330 Yerres (FR). MOSHOUS, Despina [DE/FR]; 185, rue de Vaugirard, F-75015 Paris (FR). FISCHER, Alain [FR/FR]; 64, rue de la colonie, F-75013 Paris (FR).
-
- (51)⁷ C12N 15/12, C07K 14/715, 16/28, C12N 1/15, 1/19, 1/21, 5/10, C12P 21/02, G01N 33/15, 33/50, 33/53
- (11) WO 02/077230 (13) A1
- (21) PCT/JP02/02769
- (74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 C12N 15/12, C07K 14/47
- (11) WO 02/077229 (13) A2
- (21) PCT/EP02/02188
- (22) 28 Feb/fév 2002 (28.02.2002)
- (25) en (26) en
- (30) 01105045.7 1 Mar/mar 2001 EP (01.03.2001)
- (30) 01111864.3 16 May/mai 2001 EP (16.05.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • NOVEL COFACTORS OF THE LIVER X RECEPTOR ALPHA AND METHODS OF USE
• NOUVEAUX COFACTEURS DU RECEPTEUR ALPHA X DU FOIE ET TECHNIQUES D'UTILISATION
- (71) LION BIOSCIENCE AG [DE/DE]; Im Neuenheimer Feld 517, 69120 Heidelberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ALBERS, Michael [DE/DE]; Obere Schulstrasse 3, 69221 Dossenheim (DE). ELLWANGER, Silvia [DE/DE]; Theodor-Heuss-Strasse 4, 69181 Leimen (DE). LÖSER, Eva [DE/DE]; Biethstrasse 12, 69121 Heidelberg (DE). KÖGL, Manfred [AT/DE]; Hauptstrasse 131/4, 69214 Eppelheim (DE).
- (74) GODDAR, Heinz 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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/12, 5/10, C07K 14/47, 16/18, C12Q 1/68, G01N 33/53, A61K 38/17, A01K 67/027, A61K 39/395
- (11) WO 02/077231 (13) A2
- (21) PCT/US01/43606
- (22) 13 Nov/nov 2001 (13.11.2001)
- (25) en (26) en
- (30) 60/248,404 13 Nov/nov 2000 US (13.11.2000)
- (30) 60/249,825 16 Nov/nov 2000 US (16.11.2000)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • NUCLEIC ACID-ASSOCIATED PROTEINS
• PROTEINES ASSOCIEES A DES 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) TANG, Y., Tom [US/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). WARREN, Bridget, A. [US/US]; 10130 Parkwood Drive, #2, Cupertino, CA 95014 (US). HAFALIA, April, J., A. [US/US]; 2227 Calle de Primavera, Santa Clara, CA 95054 (US). ARVIZU,

- Chandra** [US/US]; 490 Sherwood Way, #1, Menlo Park, CA 94025 (US). **LU, Dyung, Aina, M.** [US/US]; 233 Coy Drive, San Jose, CA 95123 (US). **ELLIOTT, Vick, S.** [US/US]; 3770 Polton Place Way, San Jose, CA 95121 (US). **XU, Yuming** [US/US]; 1739 Walnut Drive, Mountain View, CA 94040 (US). **LAL, Preeti, G.** [IN/US]; P.O. Box 5152, Santa Clara, CA 95056 (US). **YUE, Henry** [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US).
- (74) **HAMLET-COX, Diana et al. / etc.**; Incyte Genomics, Inc., 3160 Porter Drive, Palo Alto, CA 94304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 C12N 15/12, 15/55, 15/57, 9/78, C07K 14/705, C12N 9/64, G01N 33/53, C12Q 1/68, C07K 16/28, 16/40
- (11) WO 02/077233 (13) A2
- (21) PCT/US01/46724
- (22) 8 Nov/nov 2001 (08.11.2001)
- (25) en (26) en
- (30) 60/246,768 8 Nov/nov 2000 US (08.11.2000)
- (30) 60/246,772 8 Nov/nov 2000 US (08.11.2000)
- (30) 60/249,185 15 Nov/nov 2000 US (15.11.2000)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • 38650, 28472, 5495, 65507, 81588 and 14354 METHODS AND COMPOSITIONS OF HUMAN PROTEINS AND USES THEREOF
- METHODES ASSOCIEES A 38650, 28472, 5495, 65507, 81588 ET 14354, COMPOSITIONS DE PROTEINES HUMAINES CORRESPONDANTES ET LEURS UTILISATIONS
- (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) **LEIBY, Kevin, R.** [US/US]; 4 Skowhegan Way, Natick, MA 01760 (US). **KAPELLER-LIBERMANN, Rosana** [BR/US]; 86 Beacon Street, Chestnut Hill, MA 02467 (US). **GLUCKSMANN, Maria** [AR/US]; 33 Summit Road, Lexington, MA 02173 (US).
- (74) **FAVORITO, Carolyn, A. et al. / etc.**; Morrison & Foerster LLP, 3811 Valley Centre Drive, Suite 500, San Diego, CA 92130-2332 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 C12N 15/12, C07K 14/47, C12Q 1/68, C07K 16/18, G01N 33/50, A61K 38/17
- (11) WO 02/077232 (13) A2
- (21) PCT/US01/43815
- (22) 21 Nov/nov 2001 (21.11.2001)
- (25) en (26) en
- (30) 60/252,509 22 Nov/nov 2000 US (22.11.2000)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMPOSITIONS AND METHODS RELATING TO BREAST SPECIFIC GENES AND PROTEINS
- COMPOSITIONS ET METHODES RELATIVES A DES GENES ET A DES PROTEINES SPECIFIQUES DU SEIN
- (63) US 60/252,509 (CIP) 22 Nov/nov 2000 (22.11.2000)
- (71) **DIADEXUS, INC.** [US/US]; 343 Oyster Point Boulevard, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SALCEDA, Susana** [AR/US]; 4118 Crescendo Avenue, San Jose, CA 95136 (US). **MACINA, Roberto, A.** [AR/US]; 4118 Crescendo Avenue, San Jose, CA 95136 (US). **RECIPON, Herve** [FR/US]; 85 Fortuna Avenue, San Francisco, CA 94115 (US). **PLUTA, Jason** [US/US]; Apartment #15, 1240 Dale Avenue, Mountain View, CA 94040 (US). **SUN, Yongming** [CN/US]; 551 Shoal Drive, Redwood City, CA 94065 (US). **LIU, Chenghua** [CN/US]; 1125 Rancho Way, #14, San Jose, CA 95117 (US).
- (74) **LICATA, Jane, Massey et al. / etc.**; Licata & Tyrrell P.C., 66 E. Main Street, Marlton, NJ 08053 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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).
-
- (30) 60/244,758 31 Oct/oct 2000 US (31.10.2000)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMPOSITIONS AND METHODS RELATING TO COLON SPECIFIC GENES AND PROTEINS
- COMPOSITIONS ET METHODES SE RAPPORTANT AUX GENES ET AUX PROTEINES SPECIFIQUES DU COLON
- (63) US 60/244,758 (CIP) 31 Oct/oct 2000 (31.10.2000)
- (71) **DIADEXUS, INC.** [US/US]; 343 Oyster Point Boulevard, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SUN, Yongming** [CN/US]; 551 Shoal Drive, Redwood City, CA 94065 (US). **RECIPON, Herve** [FR/US]; 85 Fortuna Avenue, San Francisco, CA 94115 (US). **GHOSH, Malavika, G.** [IN/US]; 1733 Via Lugano, San Jose, CA 95120 (US). **LIU, Chenghua** [CN/US]; 1125 Rancho Way #14, San Jose, CA 95117 (US).
- (74) **LICATA, Jane, Massey et al. / etc.**; Licata & Tyrrell P.C., 66 E. Main Street, Marlton, NJ 08053 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 C12N 15/12, C07K 14/47, 16/18, C12Q 1/68, G01N 33/53, A61K 45/00
- (11) WO 02/077235 (13) A2
- (21) PCT/US01/50315
- (22) 19 Dec/déc 2001 (19.12.2001)
- (25) en (26) en
- (30) 60/257,804 21 Dec/déc 2000 US (21.12.2000)
- (30) 60/260,102 5 Jan/jan 2001 US (05.01.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • INTRACELLULAR SIGNALING MOLECULES
- MOLECULES DE SIGNALISATION INTRACELLULAIRE
- (71) **INCYTE GENOMICS, INC.** [US/US]; 3160 Porter Drive, Palo Alto, CA 94034 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BURFORD, Neil** [GB/US]; 105 Wildwood Circle, Durham, CT 06422 (US). **DING, Li** [CN/US]; 3353 Alma Street, #146, Palo Alto, CA 94306 (US). **YUE, Henry** [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). **THORNTON, Michael** [US/US]; 9 Medway Road, Woodside, CA 94062 (US). **WALIA, Narinder, K.**

- [US/US]; 890 Davis Street #205, San Leandro, CA 94577 (US). **GANDHI, Ameena, R.** [US/US]; 705 5th Avenue, San Francisco, CA 94118 (US). **ARVIZU, Chandra** [US/US]; 490 Sherwood Way #1, Menlo Park, CA 94025 (US). **BAUGHN, Mariah, R.** [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). **SWARNAKAR, Anita** [CA/US]; 8 Locksley Avenue, # 5D, San Francisco, CA 94122 (US). **DUGGAN, Brendan, M.** [AU/US]; 243 Buena Vista, #306, Sunnyvale, CA 94086 (US). **LU, Dyung, Aina, M.** [US/US]; 233 Coy Drive, San Jose, CA 95123 (US). **THANGAVELU, Kavitha** [IN/US]; 1950 Montecito Avenue #23, Mountain View, CA 94043 (US). **WARREN, Bridget, A.** [US/US]; 10130 Parkwood Drive #2, Cupertino, CA 95014 (US). **TANG, Y., Tom** [US/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). **KHAN, Farrah, A.** [IN/US]; 9445 Harrison Street, Des Plaines, IL 60016 (US). **YAO, Monique, G.** [US/US]; 1189 Woodgate Drive, Carmel, IN 46033 (US). **EMERLING, Brooke, M.** [US/US]; 1735 Woodland Avenue, #71, Palo Alto, CA 94303 (US).
- (74) **HAMLET-COX, Diana et al.** / etc.; Incyte Genomics, Inc., 3160 Porter Drive, Palo Alto, CA 94304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 C12N 15/12, 15/63, 1/21, 5/10, C07K 14/47, 16/18, C12Q 1/68, G01N 33/68, A61K 38/17, 39/395, 31/7088, 31/713, 48/00, A61P 35/04
- (11) WO 02/077236 (13) A2
- (21) PCT/US01/50385
- (22) 26 Oct/oct 2001 (26.10.2001)
- (25) en (26) en
- (30) 60/243,459 26 Oct/oct 2000 US (26.10.2000)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMPOSITIONS AND METHODS RELATING TO LUNG SPECIFIC GENES AND PROTEINS
- COMPOSITIONS ET PROCÉDES ASSOCIÉS AUX GÈNES ET AUX PROTÉINES SPÉCIFIQUES DU POUMON
- (63) US 60/243,459 (CIP) 26 Oct/oct 2000 (26.10.2000)
- (71) **DIADEXUS, INC.** [US/US]; 343 Oyster Point Boulevard, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RECIPON, Herve** [FR/US]; 85 Fortuna Avenue, San Francisco, CA 94115 (US). **SUN, Yongming** [CN/US]; 869 S. Winchester Boulevard, Apartment 260, San Jose, CA 95128 (US). **CHEN, Sei-Yu** [CN/US]; 160 Mira Street, Foster City, CA 94404 (US). **LIU, Chenghua** [CN/US]; 1125 Ranchero Way #14, San Jose, CA 95117 (US). **TURNER, Leah, R.** [US/US]; 939 Rosette Court, Sunnyvale, CA 94086 (US).
- (74) **LICATA, Jane, Massey et al.** / etc.; Licata & Tyrrell P.C., 66 E. Main Street, Marlton, NJ 08053 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 C12N 15/12, C07K 14/05, C12N 5/10, C12Q 1/68, C07K 16/18, A61K 38/17, 39/395, A01K 67/027, G01N 33/50, 33/53
- (11) WO 02/077237 (13) A2
- (21) PCT/US02/03657
- (22) 8 Feb/fév 2002 (08.02.2002)
- (25) en (26) en
- (30) 60/267,892 9 Feb/fév 2001 US (09.02.2001)
- (30) 60/271,168 23 Feb/fév 2001 US (23.02.2001)
- (30) 60/272,890 2 Mar/mar 2001 US (02.03.2001)
- (30) 60/276,860 16 Mar/mar 2001 US (16.03.2001)
- (30) 60/278,255 23 Mar/mar 2001 US (23.03.2001)
- (30) 60/280,538 30 Mar/mar 2001 US (30.03.2001)
- (30) 60/351,359 25 Jan/jan 2002 US (25.01.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • TRANSPORTERS AND ION CHANNELS
- TRANSPORTEURS ET CANAUX IONIQUES
- (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) **LEE, Ernestine, A.** [US/US]; 624 Kains Street, Albany, CA 94706 (US). **DING, Li** [CN/US]; 3353 Alma Street #146, Palo Alto, CA 94306 (US). **BAUGHN, Mariah, R.** [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). **TRIBOULEY, Catherine, M.** [FR/US]; 1121 Tennessee St. #5, San Francisco, CA 94107 (US). **BRUNS, Christopher, M.** [US/US]; 2255 Showers Drive #264, Mountain View, CA 94040 (US). **ELLIOTT, Vicki, S.** [US/US]; 3770 Polten Place Way, San Jose, CA 95121 (US). **WALIA, Narinder, K.** [US/US]; 890 Davis Street #205, San Leandro, CA 94577 (US). **FORSYTHE, Ian, J.** [US/US]; 308 Roble Avenue, Redwood City, CA 94061 (US). **RAUMANN, Brigitte, E.** [US/US]; 5801 South Dorchester Avenue #3B, Chicago, IL 60637 (US). **BURFORD, Neil** [GB/US]; 105 Wildwood Circle, Durham, CT 06422 (US). **LAL, Preeti, G.** [US/US]; P.O. Box 5142, Santa Clara, CA 95056 (US). **THORNTON, Michael** [US/US]; 9 Medway Road, Woodside, CA 94062-2612 (US). **GANDHI, Ameena, R.** [US/US]; 705 5th Avenue, San Francisco, CA 94118 (US). **ARVIZU, Chandra** [US/US]; 1706 Morocco Drive, San Jose, CA 95125 (US). **YAO, Monique, G.** [US/US]; 1189 Woodgate Drive, Carmel, IN 46033 (US). **YUE, Henry** [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). **XU, Yuming** [US/US]; 1739 Walnut Drive, Mountain View, CA 94040 (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). **CHEN, Hwei-Mei** [US/US]; 2425 Lyle Court, Santa Leandro, CA 94578 (US).
- (74) **HAMLET-COX, Diana et al.** / etc.; Incyte Genomics, Inc., 3160 Porter Drive, Palo Alto, CA 94304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 C12N 15/29, C07K 14/42, C12P 21/02
- (11) WO 02/077238 (13) A1
- (21) PCT/JP02/02682
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) ja (26) ja
- (30) 2001-82016 22 Mar/mar 2001 JP (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • GENE ENCODING LECTIN PROTEIN ORIGINATING IN GORSE, PROTEIN ENCODED BY THE GENE AND PROCESS FOR PRODUCING THE SAME
- GENE CODANT POUR LA PROTÉINE LECTINE ORIGINAIRE DE L'AJONC, PROTÉINE CODÉE PAR LEDIT GÈNE ET SON PROCÉDE DE PRODUCTION
- (71) **HOKKAIDO** [JP/JP]; Nishi 6-chome, Kita 3-jo, Chuo-ku, Sapporo-shi, Hokkaido 060-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUKUSHIMA, Hisayo** [JP/JP]; Room 802, Third Avenue, Nishi 19-chome, Minami 2-jo, Chuo-ku, Sapporo-shi, Hokkaido 060-0062 (JP).
- (74) **OHIE, Kunihisa**; Ohie Patent Office, Horiguchi No.2 Bldg. 7F, 2-6, Nihonbashi-ningyocho, 2-chome, Chuo-ku, Tokyo 103-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ C12N 15/51, C07K 14/79, A61P 1/16,
31/14, A61K 38/40

(11) WO 02/077239 (13) A1

(21) PCT/JP02/02954

(22) 27 Mar/mar 2002 (27.03.2002)

(25) ja (26) ja

(30) 2001-89081 27 Mar/mar 2001 JP
(27.03.2001)

(30) 2001-240231 8 Aug/août 2001 JP
(08.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HCV-BINDING POLYPEPTIDES
• POLYPEPTIDES SE LIANT AU VIRUS
HCV

(71) SUMITOMO PHARMACEUTICALS
COMPANY, LIMITED [JP/JP]; 2-8,
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(72, 75) KATO, Nobuyuki [JP/JP]; 14-1-1801,
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Okayama 700-0906 (JP).

(74) HOSODA, Yoshinori; c/o Hosoda Inter-
national Patent Office, OMM Building 5th
Floor, P.O.Box 26, 7-31, Otemae 1-chome,
Chuo-ku, Osaka-shi, Osaka 540-6591 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ C12N 15/53, 9/02, 5/10, A01H 5/00

(11) WO 02/077240 (13) A1

(21) PCT/JP02/01940

(22) 4 Mar/mar 2002 (04.03.2002)

(25) ja (26) ja

(30) 2001-86162 23 Mar/mar 2001 JP
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEOXYMUGINEIC ACID SYNTHASE
AND GENE THEREOF
• SYNTHASE D'ACIDE DESOXYMUGI-
NEIQUE ET GENE DE CETTE SYN-
THASE

(71) JAPAN SCIENCE AND TECHNOLOGY
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(JP).

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113-0033 (JP). NEGISHI, Takashi [JP/JP];
1-17-18-202, Shiba, Kawaguchi-shi, Saitama
333-0866 (JP).

(74) SAEKI, Norio; 9th floor, Taka-ai Building,
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103-0027 (JP).

(81) CN JP KR PH US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ C12N 15/55, 15/62, 9/64, 1/21, C12Q 1/68,
C07K 16/40, G01N 33/68, A01K 67/027,
A61K 38/48

(11) WO 02/077241 (13) A2

(21) PCT/US01/29745

(22) 24 Sep/sep 2001 (24.09.2001)

(25) en (26) en

(30) 09/813,819 22 Mar/mar 2001 US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ISOLATED HUMAN METALLOPRO-
TEASE PROTEINS, NUCLEIC ACID
MOLECULES ENCODING HUMAN
PROTEASE PROTEINS, AND USES
THEREOF
• PROTEINES METALLOPROTEASES
HUMAINES ISOLEES, MOLECULES
D'ACIDE NUCLEIQUE CODANT CES
PROTEINES PROTEASES ET UTILISA-
TIONS DE CES DERNIERES

(71) PE CORPORATION (NY) [US/US]; 761
Main Avenue, Norwalk, CT 06859 (US).

(72) MERKULOV, Gennady, V.; c/o Celera
Genomics, 45 West Gude Drive C2-4#20,
Rockville, MD 20850 (US). YE, Jane; c/o
Celera Genomics Corporation, 45 West Gude
Drive C2-4#20, Rockville, MD 20850 (US).
DI FRANCESCO, Valentina; c/o Celera
Genomics Corporation, 45 West Gude
Drive C2-4#20, Rockville, MD 20850 (US).
BEASLEY, Ellen, M.; c/o Celera Genomics
Corporation, 45 West Gude Drive C2-4#20,
Rockville, MD 20850 (US).

(74) MILLMAN, Robert, A.; Celera Genomics,
45 West Gude Drive C2-4#20, 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 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 C12N 15/56

(11) WO 02/077242 (13) A2

(21) PCT/DK02/00210

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) PA 2001 00504 27 Mar/mar 2001 DK
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FAMILY 74 XYLOGLUCANASES
• XYLOGLUCANASES DE LA FAMILLE
74

(71) NOVOZYMES A/S [DK/DK]; Krogshøjvej
36, DK-2880 Bagsværd (DK).
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les États désignés sauf US)

(72, 75) DUFFNER, Fiona [IE/DK]; Stock-
holmsgade 13, st. tv., DK-2100 Copenhagen
(DK). SJØHOLM, Carsten [DK/DK];
Allerødvej 17, DK-3450 Allerød (DK).

(74) NOVOZYMES A/S; Patents, Krogshøjvej
36, DK-2880 Bagsværd (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ C12N 15/57, 9/50, C07K 16/40, C12Q
1/37, A61K 38/48, 39/395

(11) WO 02/077243 (13) A1

(21) PCT/AU02/00378

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) PR 4022 27 Mar/mar 2001 AU
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DIAGNOSIS OF CANCER OR BENIGN
TUMOUR USING THE ABERRANT
EXPRESSION PRODUCT OF THE
KLK4 GENE

• DIAGNOSTIC DE CANCER OU DE TU-
MEUR BENIGNE PAR UTILISATION
DU PRODUIT D'EXPRESSION ABER-
RANTE DU GENE <I>KLK4</I>

(71) QUEENSLAND UNIVERSITY OF
TECHNOLOGY [AU/AU]; 2 George Street,
Brisbane, Queensland 4000 (AU).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DONG, Ying [AU/AU]; 3/4 Buna
Street, Chermiside, Queensland 4032 (AU).
CLEMENTS, Judith, Ann [AU/AU]; 48
Creswick Street, Clayfield, Queensland 4011
(AU).

(74) ARGÆT, Victor, Peter et al. / etc.; Davies
Collison Cave, Level 3, 303 Coronation
Drive, Milton, Queensland 4064 (AU).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/61, 1/15, C12P 17/14 // (C12N 1/15, C12R 1:645) (C12P 17/14, C12R 1:645)
- (11) WO 02/077244 (13) A1
- (21) PCT/JP02/02782
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) ja (26) ja
- (30) 2001-82227 22 Mar/mar 2001 JP (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • TRANSFORMANT PRODUCING PF1022 SUBSTANCE DERIVATIVES, PROCESS FOR PRODUCING THE SAME AND NOVEL BIOSYNTHESIS GENE
- TRANSFORMANT PRODUISANT DES DERIVES DE MATIERE PF1022, PROCEDE DE PRODUCTION DE CELUI-CI ET NOUVEAU GENE DE BIOSYNTHESE
- (71) MEIJI SEIKA KAISHA, LTD. [JP/JP]; 4-16, Kyobashi 2-chome, Chuo-ku, Tokyo 104-8002 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YANAI, Koji [JP/JP]; c/o Microbiological Resources and Technology Labs., Meiji Seika Kaisha, Ltd., 788, Kayama, Odawara-shi, Kanagawa 250-0852 (JP). SUMIDA, Naomi [JP/JP]; c/o Microbiological Resources and Technology Labs., Meiji Seika Kaisha, Ltd., 788, Kayama, Odawara-shi, Kanagawa 250-0852 (JP). WATANABE, Manabu [JP/JP]; c/o Microbiological Resources and Technology Labs., Meiji Seika Kaisha, Ltd., 788, Kayama, Odawara-shi, Kanagawa 250-0852 (JP). MORIYA, Tatsuki [JP/JP]; c/o Microbiological Resources and Technology Labs., Meiji Seika Kaisha, Ltd., 788, Kayama, Odawara-shi, Kanagawa 250-0852 (JP). MURAKAMI, Takeshi [JP/JP]; c/o Microbiological Resources and Technology Labs., Meiji Seika Kaisha, Ltd., 788, Kayama, Odawara-shi, Kanagawa 250-0852 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/63, C12Q 1/02, 1/68
- (11) WO 02/077245 (13) A1
- (21) PCT/US02/08909
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 60/277,803 22 Mar/mar 2001 US (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ASSAY FOR DRUG-INDUCED RECORDING
- ANALYSE POUR RECODAGE INDUIT PAR MEDICAMENTS
- (71) UNIVERSITY OF UTAH RESEARCH FOUNDATION [US/US]; 210 Park Building, Salt Lake City, UT 84112 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOWARD, Michael, T. [US/US]; 1934 South 600 East, Salt Lake City, UT 84105 (US). GESTELAND, Raymond, F. [US/US]; 6877 East Killyons Canyon Lane, Salt Lake City, UT 84108 (US). ATKINS, John, F. [US/US]; 3134 East Emigration Canyon Road, Salt Lake City, UT 84108 (US).
- (74) HOWARTH, Alan, J. et al. / etc.; Clayton, Howarth & Cannon, P.C., P.O. Box 1909, Sandy, UT 84091 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/82, 5/14, A01H 5/00, 5/10
- (11) WO 02/077246 (13) A2
- (21) PCT/EP02/03266
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 101 14 209.9 23 Mar/mar 2001 DE (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SITE-TARGETED TRANSFORMATION USING AMPLIFICATION VECTORS
- TRANSFORMATION D'UN SITE CIBLE FAISANT APPEL A DES VECTEURS D'AMPLIFICATION
- (71) ICON GENETICS AG [DE/DE]; Maximilianstrasse 38/40, 80539 München (DE). ICON GENETICS, INC. [US/US]; 66 Witherspoon Street, Suite 134, Princeton, NJ 08542 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KLIMYUK, Victor [GB/DE]; Herderstrasse 10, 06114 Halle/Saale (DE). GLEBA, Yuri [UA/DE]; Muchlweg 37, 06114 Halle/Saale (DE). MARILLONNET, Sylvestre [FR/DE]; Nietlebenstrasse 20, 06126 Halle/Saale (DE).
- (74) HARTZ, Nikolai, F.; Wächtershäuser & Hartz, Tal 29, 80331 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/82, 5/10, A01H 5/00
- (11) WO 02/077247 (13) A1
- (21) PCT/JP01/02511
- (22) 27 Mar/mar 2001 (27.03.2001)
- (25) ja (26) ja
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • RICE-ORIGIN HIGH EXPRESSION POLYPEPTIDE CHAIN ELONGATION FACTOR PROMOTER AND METHOD OF USING THE SAME
- PROMOTEUR D'EXPRESSION DU FACTEUR D'ALLONGEMENT DE CHAINE DE POLYPEPTIDES TROUVANT SON ORIGINE DANS LE RIZ ET SON PROCEDE D'UTILISATION
- (71) NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES [JP/JP]; 2-1-2, Kannonndai, Tsukuba-shi, Ibaraki 305-8602 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TANAKA, Hiroshi [JP/JP]; c/o National Institute of Agrobiological Sciences, 2-1-2, Kannonndai, Tsukuba-shi, Ibaraki 305-8602 (JP). BAN, Yasunori [JP/JP]; c/o National Institute of Agrobiological Sciences, 2-1-2, Kannonndai, Tsukuba-shi, Ibaraki 305-8602 (JP). KAYANO, Toshiaki [JP/JP]; c/o Ministry of Agriculture, Forestry and Fisheries, National Institute of Agrobiological Resources, 2-1-2, Kannonndai, Tsukuba-shi, Ibaraki 305-8602 (JP). MATSUOKA, Makoto [JP/JP]; c/o Nagoya University, BioScience Center, Furo-cho, Chikusa-ku, Nagoya-shi, Aichi 454-8602 (JP). SAKAMOTO, Tomoaki [JP/JP]; c/o University of Tsukuba, Institute of Agriculture and Forestry, 1-1-1, Tennoudai, Tsukuba-shi, Ibaraki 305-8572 (JP).
- (74) YAMAMOTO, Shusaku; Fifteenth Floor, Crystal Tower, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).
- (81) AU CA CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ C12N 15/82, 5/10, A01H 5/00
- (11) WO 02/077248 (13) A1
- (21) PCT/JP01/02512

- (22) 27 Mar/mar 2001 (27.03.2001)
(25) ja (26) ja
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • VEGETATIVE GROWTH-SPECIFIC PROMOTER AND GENETICALLY MODIFIED PLANTS OBTAINED THEREBY
• PROMOTEUR DE CROISSANCE VEGETATIVE ET PLANTES GENETIQUEMENT MODIFIEES OBTENUES AU MOYEN DE CE PROMOTEUR
(71) NATIONALINSTITUTE OF AGROBIOLOGICAL SCIENCES [JP/JP]; 2-1-2, Kannondai, Tsukuba-shi, Ibaraki 305-8602 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) TANAKA, Hiroshi [JP/JP]; c/o National Institute of Agrobiological Sciences, 2-1-2, Kannondai, Tsukuba-shi, Ibaraki 305-8602 (JP). BAN, Yasunori [JP/JP]; c/o National Institute of Agrobiological Sciences, 2-1-2, Kannondai, Tsukuba-shi, Ibaraki 305-8602 (JP). KAYANO, Toshiaki [JP/JP]; c/o National Institute of Agrobiological Sciences, 2-1-2, Kannondai, Tsukuba-shi, Ibaraki 305-8602 (JP). MATSUOKA, Makoto [JP/JP]; c/o Nagoya University, BioScience Center, Furo-cho, Chikusa-ku, Nagoya-shi, Aichi 454-8602 (JP). SAKAMOTO, Tomoaki [JP/JP]; c/o University of Tsukuba, Institute of Agriculture and Forestry, 1-1-1, Tennoudai, Tsukuba-shi, Ibaraki 305-8572 (JP).
(74) YAMAMOTO, Shusaku; Fifteenth Floor, Crystal Tower, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).
(81) AU CA CN JP KR US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
(51)⁷ C12N 136/
(11) WO 02/077249 (13) A2
(21) PCT/EP02/03372
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 01870064.1 26 Mar/mar 2001 EP (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • IMPROVED TYPE III BACTERIAL STRAINS FOR USE IN MEDICINE
• SOUCHES BACTERIENNES DE TYPE III AMELIOREES DESTINEES A UNE UTILISATION MEDICALE
(71) UNIVERSITE CATHOLIQUE DE LOUVAIN [BE/BE]; Place de l'Université 1, B-1348 Louvain-la-Neuve (BE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) CORNELIS, Guy [BE/BE]; Avenue des Anciens Combattants 2B, B-1950 Kraainem (BE).
(74) DE CLERCQ, Ann et al. / etc.; De Clercq, Brants & Partners, E. Gevaertdreef 10 a, 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).
(51)⁷ C12P
(11) WO 02/077250 (13) A2
(21) PCT/EP02/02880
(22) 15 Mar/mar 2002 (15.03.2002)
(25) en (26) en
(30) 101 15 000.8 26 Mar/mar 2001 DE (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • PROCESS FOR THE PRODUCTION OF ENANTIOMER-ENRICHED ALPHA-SUBSTITUTED CARBOXYLIC ACIDS
• PROCEDE DE PRODUCTION D'ACIDES CARBOXYLIQUES ALPHA-SUBSTITUES ENRICHIS EN ENANTIOMERES
(71) DEGUSSA AG [DE/DE]; Bennisgenplatz 1, 40474 Düsseldorf (DE).
(72) MAY, Oliver; Am Reborn 17A, 60388 Frankfurt (DE). SYLDATK, Christoph; Reinbeckstrasse 29b, 70565 Stuttgart (DE). VIELHAUER, Oliver; Drosselweg 3, 70563 Stuttgart (DE). WERNER, Markus; Falkenstrasse 6, 74189 Weinsberg (DE).
(81) CA HR IL IN JP.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
(51)⁷ C12P 7/18
(11) WO 02/077251 (13) A1
(21) PCT/KR01/01984
(22) 20 Nov/nov 2001 (20.11.2001)
(25) ko (26) en
(30) 2001-0016111 27 Mar/mar 2001 KR (27.03.2001)
(30) 2001-0044677 24 Jul/juil 2001 KR (24.07.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD OF RECOVERING PINITOL OR CHIRO-INOSITOL IN HIGH YIELD FROM SOY FRACTIONS
• PROCÉDÉ PERMETTANT LA RÉCUPÉRATION DE PINITOL OU DE CHIRO-INOSITOL AVEC UN RENDEMENT ÉLEVÉ À PARTIR DE FRACTIONS DE SOJA
(71) AMICOGEN, INC [KR/KR]; 694-4 Sangchon-ri, Jinsung-myon, 660-852 Jinju, Gyeongsangnam-do (KR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SHIN, Yong-Chul [KR/KR]; Hanju Rucky Town 9-104, Juyak-dong, 660-773 Jinju, Gyeongsangnam-do (KR). JEON, Yeong-Joong [KR/KR]; Jugong APT 912-705, Myungil-dong, Kangdong-ku, 134-070 Seoul (KR). KIM, Jong-Jin

- [KR/KR]; SangdaeJugong APT 7-303, Hadae-dong 72, 660-330 Jinju, Gyeongsangnam-do (KR). CHOI, Chi-Man [KR/KR]; GajwaJugong APT 211-1305, Gajwa-dong 660, 660-300 Jinju, Gyeongsangnam-do (KR).
(74) LEE, Young-Ryeol; Chungwoon Tower Villa B-105, 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 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 C12P 7/62, 7/42, 1/04, A61K 9/00, A61M 3/00, 5/00, A61J 1/00, A23L 1/10, 1/105, 1/105 // (C12P 7/62, C12R 1:225)
(11) WO 02/077252 (13) A1
(21) PCT/EE01/00007
(22) 13 Sep/sep 2001 (13.09.2001)
(25) en (26) en
(30) P200100181 23 Mar/mar 2001 EE (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • THE METHOD OF PRODUCTION OF BIODEGRADABLE LACTIC ACID POLYMERS AND THE USE OF LACTIC ACID POLYMERS PRODUCED USING SUCH A METHOD
• PROCEDE DE PRODUCTION DE POLYMERES D'ACIDE LACTIQUE BIODEGRADABLES ET UTILISATION DES POLYMERES D'ACIDE LACTIQUE OBTENUS PAR LEDIT PROCEDE
(71, 72) KOLBAKOV, Vambola [EE/EE]; Taevaskoja, EE 63202 Põlva vald (EE). NURK, Allan [EE/EE]; Ringtee 3-19, EE 50105 Tartu (EE). SIMISKER, Jaan [EE/EE]; Kaunase pst 16-25, EE 5004 Tartu (EE).
(74) SARAP, Margus; Käosaar & Co Limited, Taha 94, 50107 Tartu (EE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 C12P 13/02 // (C12P 13/02, C12R 1:01)
(11) WO 02/077253 (13) A1
(21) PCT/IP02/02990

- (22) 27 Mar/mar 2002 (27.03.2002)
 (25) ja (26) ja
 (30) 2001-90715 27 Mar/mar 2001 JP (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PROCESS FOR PRODUCING ACRYLAMIDE USING MICROBIAL CATALYST HAVING BEEN WASHED WITH AQUEOUS ACRYLIC ACID SOLUTION
 • PROCEDE DE PRODUCTION D'ACRYLAMIDE A L'AIDE D'UN CATALYSEUR MICROBIEN AYANT ETE LAVE AVEC UNE SOLUTION AQUEUSE D'ACIDE ACRYLIQUE
- (71) DIA-NITRIX CO., LTD. [JP/JP]; 12-5, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BANBA, Hiroyasu [JP/JP]; c/o Research Laboratory, Dia-Nitrix Co., Ltd., 10-1, Daikoku-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0053 (JP). MOROOKA, Natsuko [JP/JP]; 30-3, Nagataki 1-chome, Minami-ku, Yokohama-shi, Kanagawa 232-0071 (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) CN IN KR RU US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ C12P 17/12, C07D 239/06
 (11) WO 02/077254 (13) A2
 (21) PCT/EP02/03252
 (22) 22 Mar/mar 2002 (22.03.2002)
 (25) de (26) de
 (30) 101 14 189.0 23 Mar/mar 2001 DE (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR OBTAINING USEFUL PRODUCTS FROM ORGANISMS
 • PROCEDE POUR PRODUIRE DES SUBSTANCES UTILES A PARTIR D'ORGANISMES
- (71) BITOP AKTIENGESELLSCHAFT FÜR BIOTECHNISCHE OPTIMIERUNG [DE/DE]; Stockumer Str. 28, 58453 Witten (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KUNTE, Hans, Jörg [DE/DE]; Turmstrasse 10, 53175 Bonn (DE). GALINSKI, Erwin, A. [DE/DE]; Sperberweg 27, 48308 Senden (DE). GRAMMANN, Katrin [DE/DE]; Niebuhrstrasse 22, 53113 Bonn (DE). VOLKE, Angela [DE/DE]; Rheinbacher Strasse 41, 53115 Bonn (DE). BESTVATER, Thorsten [DE/DE]; Toppheideweg 44, 48161 Münster (DE).
- (74) SCHNEIDERS & BEHRENDT; Huesstrasse 23, 44787 Bochum (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12P 19/28, 17/10, 17/18, C12N 1/12, C07H 15/00, 19/00
 (11) WO 02/077255 (13) A1
 (21) PCT/US02/08819
 (22) 22 Mar/mar 2002 (22.03.2002)
 (25) en (26) en
 (30) 60/278,043 22 Mar/mar 2001 US (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • TOPOISOMERASE I SELECTIVE CYTOTOXIC SUGAR DERIVATIVES OF INDOLOPYRROLOCARBAZOLES
 • DERIVES D'INDOLOPYRROLOCARBAZOLES SUCRESCYTOTOXIQUES SELECTIVEMENT CONTRE LA TOPOISOMERASE I
- (71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; P.O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RUEDIGER, Edward, H. [CA/CA]; 133 St. Charles Road, Greenfield Park, Québec J4V 2K3 (CA). SAULNIER, Mark, G. [US/US]; 34 Ponssett Road, Higganum, CT 06441 (US). BEAULIEU, Francis [CA/CA]; 370 Leotable Dubuc, Laprairie, Québec J5R 5M4 (CA). BACHAND, Carol [CA/CA]; 119 Place Mercure, Candiac, Québec J5R 1B1 (CA). BALUSUBRAMANIAN, Neelakantan [US/US]; 26 Horsebarn Lane, Madison, CT 06443 (US). LONG, Byron, Hepler [US/US]; 4 Plumridge Drive, Doylestown, PA 18901 (US). FRENNESSON, David, B. [US/US]; 164 Conrad Street, Naugatuck, CT 06770 (US). ZIMMERMAN, Kurt [AT/US]; 5 Skeetfield Point Road, Durham, CT 06422 (US). NAIDU, Narasimhulu, B. [IN/US]; 12 Skeetfield Point Road, Durham, CT 06422 (US). STOFFAN, Karen [US/US]; 149 Whitney Street, Hartford, CT 06105 (US). ST. LAURENT, Denis, Robert [US/US]; 7 Fox Run Court, Newington, CT 06111 (US).
- (74) PEIST, Kenneth et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12P 19/34, C07H 21/04, C12Q 1/68
 (11) WO 02/077256 (13) A1
 (21) PCT/US02/02601
 (22) 30 Jan/jan 2002 (30.01.2002)
 (25) en (26) en
 (30) 09/803,713 9 Mar/mar 2001 US (09.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • OPEN CIRCLE PROBES WITH INTRAMOLECULAR STEM STRUCTURES
 • SONDES CIRCULAIRES DEROULEES AVEC STRUCTURES EN TIGES INTRAMOLECULAIRES
- (71) MOLECULAR STAGING, INC. [US/US]; 300 George Street, New Haven, CT 06511 (US).
- (72) ALSMADI, Osama, A.; 110 Kaye Drive, Hamden, CT 06514 (US). ABARZUA, Patricia; 17 Woodside Avenue, West Caldwell, NJ 07006 (US).
- (74) HODGES, Robert, A. et al. / etc.; Needle & Rosenberg, P.C., Suite 1200, 127 Peachtree Street, NE, 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 TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12P 21/06, C12N 1/20, 15/00, C07H 21/04
 (11) WO 02/077257 (13) A1
 (21) PCT/US02/08781
 (22) 20 Mar/mar 2002 (20.03.2002)
 (25) en (26) en
 (30) 09/814,354 21 Mar/mar 2001 US (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
 • NOUVEAUX ACIDES NUCLEIQUES ET POLYPEPTIDES
- (63) US 09/814,354 (CIP) 21 Mar/mar 2001 (21.03.2001)
- (71) HYSEQ, INC. [US/US]; 670 Almanor Avenue, Sunnyvale, CA 94086 (US).
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- (72, 75) TANG, Y., Tom [US/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). ZHOU, Ping [US/US]; 7595 Newcastle Drive, Cupertino, CA 95014 (US). GOODRICH, Ryle [US/US]; 4896 Sandy Lane, San Jose, CA 95124 (US). ASUNDI, Vinod [US/US]; 709 Foster City Boulevard, Foster City, CA 94404 (US). LIU, Chenghua [CN/US]; 1125

Ranchero Way #14, San Jose, CA 95117 (US). WEHRMAN, Tom [US/US]; CCSR Mol Pharm 3210, 269 W. Campus Drive, Stanford, CA 94305 (US). REN, Feiyan [US/US]; 7703 Oak Meadow Court, Cupertino, CA 95014 (US). DRMANAC, Radoje, T. [US/US]; 850 East Greenwich Place, Palo Alto, CA 94303 (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 CH CY DE DK ES FI FR GB GR IE 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 C12P 41/00

(11) WO 02/077258 (13) A1

(21) PCT/US02/06783

(22) 6 Mar/mar 2002 (06.03.2002)

(25) en (26) en

(30) 60/278,025 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • STEREOSELECTIVE REDUCTION OF SUBSTITUTED ACETOPHENONE
• REDUCTION STEREOSELECTIVE D'ACETOPHENONE SUBSTITUE

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; P. O. Box 4000, Lawrenceville-Princeton Road, Princeton, NJ 08543-4000 (US).

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(72, 75) PATEL, Ramesh [US/US]; 572 Cabot Hill Road, Bridgewater, NJ 08807 (US). GOSWAMI, Animesh [US/US]; 9 Gulick Lane, Plainsboro, NJ 08536 (US). CHU, Linda [US/US]; 9 Overhill Road, East Brunswick, NJ 08816 (US). NANDURI, Venkata [US/US]; 3 Martin Court, East Brunswick, NJ 08816 (US). GOLDBERG, Steven [US/US]; 25 Compton Court, Basking Ridge, NJ 07920 (US). JOHNSTON, Robert [US/US]; 104 Old Farm Road, Whitehouse Station, NJ 08889 (US). DONOVAN, Mary, Jo [US/US]; 105 Nathan Drive, North Brunswick, NJ 08902 (US). MIRFAKHRAE, K., David [US/US]; 108 Princess Drive, North Brunswick, NJ 08902 (US).

(74) MAKUJINA, Shah et al. / etc.; BRISTOL-MYERS SQUIBB COMPANY, P. O. Box 4000, Lawrenceville-Princeton Road, Princeton, NJ 08543-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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

(11) WO 02/077259 (13) A2

(21) PCT/US02/11161

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,308 24 Mar/mar 2001 US (24.03.2001)

(30) 60/311,327 10 Aug/août 2001 US (10.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BIOCHIPS INCLUDING ION TRANSPORT DETECTING STRUCTURES AND METHODS OF USE

• BIOPUCES COMPRENANT DES STRUCTURES DE DETECTION DE TRANSPORT D'IONS ET PROCEDES D'UTILISATION CORRESPONDANTS

(71) AVIVA BIOSCIENCES CORPORATION [US/US]; 11568-9 Sorrento Valley Road, San Diego, CA 92121 (US).

(72) WANG, Xiaobo; Aviva Biosciences Corporation, 11568-9 Sorrento Valley Road, San Diego, CA 92121 (US). WU, Lei; Aviva Biosciences Corporation, 11568-9 Sorrento Valley Road, San Diego, CA 92121 (US). XU, Junquan; No. 155 East Street, Cheng Xian District, Putian, Fujian, Beijing 100084 (CN). HUANG, Mingxian; Aviva Biosciences Corporation, 11568-9 Sorrento Valley Road, San Diego, CA 92121 (US). YANG, Weiping; Aviva Biosciences Corporation, 11568-9 Sorrento Valley Road, San Diego, CA 92121 (US). CHENG, Jing; Tsinghua University, 4-204, No. 1 Building, PuJi Yuan, Beijing 100084 (CN). XU, Jia; Aviva Biosciences Corporation, 11568-9 Sorrento Valley Road, San Diego, CA 92121 (US).

(74) PRESTON, David; David R. Preston & Associates, 12625 High Bluff Drive, Suite 205, San Diego, CA 92130 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q

(11) WO 02/077260 (13) A2

(21) PCT/US02/08280

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en

(26) en

(30) 09/814,950 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ISOLATED HUMAN SECRETED PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND USES THEREOF

• PROTEINES SECRETEES HUMAINES ISOLEES, MOLECULES D'ACIDES NUCLEIQUES CODANT POUR CES PROTEINES SECRETEES HUMAINES, ET LEURS UTILISATIONS

(71) PE CORPORATION (NY) [US/US]; 761 Main Avenue, Norwalk, CT 06859 (US).

(72) WEI, Ming-Hui; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). GONG, Fangcheng; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). DI FRANCESCO, Valentina; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). BEASLEY, Ellen, M.; c/o 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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

(11) WO 02/077261 (13) A2

(21) PCT/US02/08611

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/813,320 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ISOLATED HUMAN TRANSPORTER PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS, AND USES THEREOF

• PROTEINES TRANSPORTEUSES HUMAINES ISOLEES, MOLECULES D'ACIDE NUCLEIQUE CODANT DES PROTEINES TRANSPORTEUSES HUMAINES ET LEURS UTILISATIONS

(71) PE CORPORATION (NY) [US/US]; 761 Main Avenue, Norwalk, CT 06859 (US).

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(72, 75) ZHANG, Hongyu [CN/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]; 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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
- (11) WO 02/077262 (13) A2
- (21) PCT/US02/08766
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 60/278,354 22 Mar/mar 2001 US (22.03.2001)
- (30) 09/815,171 22 Mar/mar 2001 US (22.03.2001)
- (30) 09/993,294 21 Nov/nov 2001 US (21.11.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND APPARATUS FOR THE AUTOMATED GENERATION OF NUCLEIC ACID LIGANDS
- PROCEDE ET DISPOSITIF POUR L'ELABORATION AUTOMATISEE DE LIGANDS D'ACIDES NUCLEIQUES
- (71) SOMALOGIC, INC. [US/US]; 1775 38th Street, Boulder, CO 80301 (US).
- (72) GOLD, Larry; 1033 5th Street, Boulder, CO 80302 (US). ZICHI, Dominic, A.; 2200 Kalmia Avenue, Boulder, CO 80304 (US). SMITH, Jonathan, Drew; 3010 15th Street, Boulder, CO 80304 (US). SCHNEIDER, Daniel, J.; 1902 West 84th Place, Arvada, CO 80005 (US).
- (74) SWANSON, Barry, J. et al. / etc.; Swanson & Bratschun, L.L.C., Suite 330, 1745 Shea Center Drive, Highlands Ranch, CO 80129 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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
- (11) WO 02/077263 (13) A2
- (21) PCT/US02/09039
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) en (26) en
- (30) 60/278,166 22 Mar/mar 2001 US (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • NUCLEIC ACID MOLECULES ENCODING SERINE PROTEASE CVSP14, THE ENCODED POLYPEPTIDES AND METHODS BASED THEREON
- MOLECULES D'ACIDE NUCLEIQUE CODANT LA SERINE PROTEASE CVSP14. POLYPEPTIDES CODES ET PROCEDES
- (63) US 60/278,166 (CIP) 22 Mar/mar 2001 (22.03.2001)
- (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) MADISON, Edwin, L. [US/US]; 11005 Cedarcrest Way, San Diego, CA 92121 (US). YEH, Jiunn-Chern [—/US]; 11629 Wetsview Parway, San Diego, CA 92126 (US).
- (74) SEIDMAN, Stéphanie, L. et al. / etc.; Heller Ehrman White & McAuliffe LLP, 4350 La Jolla Village Drive, San Diego, CA 92122-1246 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
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- (51)⁷ C12Q
- (11) WO 02/077265 (13) A2
- (21) PCT/US02/09312
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (30) 09/817,003 22 Mar/mar 2001 US (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ARRANGED TRANSFECTION METHOD AND USES RELATED THERETO
- PROCEDE DE TRANSFECTION EN RESEAU ET UTILISATION ASSOCIEE
- (63) US 09/817,003 (CON) 22 Mar/mar 2001 (22.03.2001)
- (71) WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH [US/US]; Nine Cambridge Center, Cambridge, MA 02142 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SABATINI, David, M. [US/US]; Apartment 6B, 1105 Massachusetts Avenue, Cambridge, MA 02138 (US).
- (74) LORING, Denise, L. et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
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- (51)⁷ C12Q
- (11) WO 02/077264 (13) A2
- (21) PCT/US02/09265
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en

MOLECULES ENCODING THESE HUMAN DRUG-METABOLIZING PROTEINS, AND USES THEREOF

- PROTÉINES HUMAINES ISOLÉES MÉTABOLISANT DES MÉDICAMENTS, MOLÉCULES D'ACIDES NUCLÉIQUES CODANT CES PROTÉINES HUMAINES MÉTABOLISANT DES MÉDICAMENTS, ET LEURS UTILISATIONS

(71) PE CORPORATION (NY) [US/US]; 761 Main Avenue, Norwalk, CT 06859 (US).

(72, 75) SHAO, Wei [US/US]; c/o Celera Genomics, 45 West Gude Drive C2-4#21, Rockville, MD 20850 (US). MERKULOV, Gennady, V. [RU/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).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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

(11) WO 02/077266 (13) A2

(21) PCT/US02/09336

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/817,814 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NOVEL FIBROBLAST GROWTH FACTOR AND NUCLEIC ACIDS ENCODING SAME

- NOUVEAU FACTEUR DE CROISSANCE DES FIBROBLASTES (FGF) ET ACIDES NUCLÉIQUES CODANT POUR CE FACTEUR

(63) US 09/817,814 (CIP) 26 Mar/mar 2001 (26.03.2001)

(71) CURAGEN CORPORATION [US/US]; 555 Long Wharf Drive, 11th floor, New Haven, CT 06511 (US).

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(72, 75) JEFFERS, Michael, E. [US/US]; 14 Flax Mill Hollow, Branford, CT 06405 (US). SHIMKETS, Richard, A. [US/US]; 5 Indian Meadows Drive, Guilford, CT 06437 (US). PRAYAGA, Sudhirdas, K. [IN/US]; 7365 Macleod Lane, O'Fallon, MI 63366 (US). BOLDOG, Ferenc, L. [HU/US]; 1687 Hartford Turnpike, North Haven, CT 06473 (US). YANG, Meijia [US/US]; 6 Catbird Lane, East Lyme, CT 06533 (US). BURGESS, Catherine, E. [US/US]; 90 Carriage Hill Drive, Wethersfield, CT 06109

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(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 CH CY DE DK ES FI FR GB GR IE IT 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

(11) WO 02/077267 (13) A2

(21) PCT/US02/09611

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/279,228 27 Mar/mar 2001 US (27.03.2001)

(30) 60/291,501 15 May/mai 2001 US (15.05.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NUCLEIC ACID MOLECULES ENCODING A TRANSMEMBRAN SERINE PROTEASE 9, THE ENCODED POLYPEPTIDES AND METHODS BASED THEREON

- MOLECULES D'ACIDE NUCLÉIQUE CODANT UNE SERINE PROTEASE TRANSMEMBRANAIRE 9, POLYPEPTIDES CODES ET PROCÉDES FONDES SUR CES DERNIERS

(63) US 60/279,228 (CIP) 27 Mar/mar 2001 (27.03.2001)

US 60/291,501 (CIP) 15 May/mai 2001 (15.05.2001)

(71) CORVAS INTERNATIONAL, INC. [US/US]; 3030 Science Park Road, San Diego, CA 92121 (US).

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(72, 75) MADISON, Edwin, L. [US/US]; 11005 Cedarcrest Way, San Diego, CA 92121 (US).

ONG, Edgar, O. [CA/US]; 10738 Glendover Lane, San Diego, CA 92126 (US).

(74) SEIDMAN, Stephanie, L. et al. / etc.; Heller Ehrman White & McAuliffe LLP, 4350 La Jolla Village Drive, San Diego, CA 92122-1246 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 :

(i) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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); (i) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C12Q 1/00, G01N 33/58, C01B 15/12

(11) WO 02/077268 (13) A1

(21) PCT/GB02/01451

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 0107531.6 26 Mar/mar 2001 GB (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(51)⁷ C12Q 1/00, G01N 33/58, C01B 15/12

(11) WO 02/077268 (13) A1

(21) PCT/GB02/01451

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 0107531.6 26 Mar/mar 2001 GB (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A METHOD OF STABILISING AN OXIDANT AND A STABILISED OXIDANT

- PROCÉDE DE STABILISATION D'UN OXYDANT ET OXYDANT STABILISÉ

(71) CAPITAL CONTROLS LTD [GB/GB]; Park Lane, Minworth, Sutton Coldfield, West Midlands B76 9BL (GB).

(72, 75) GRANT, Neil [GB/GB]; 7 Priest Close, Nettlebed, Henley on Thames, Oxon RG9 5AS (GB). OHLMEYER, Richard [GB/GB]; Capital Controls Ltd, 8 Hawksworth, Southmead Industrial Park, Didcot, Oxon OX11 7HR (GB).

(74) KIRKHAM, Nicholas, Andrew et al. / etc.; Graham Watt & Co., Riverhead, Sevenoaks, Kent TN13 2BN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 1/04

(11) WO 02/077269 (13) A1

(21) PCT/US02/08880

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 01 1 10015.X 22 Mar/mar 2001 CN (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CELL ISOLATION METHOD AND USES THEREOF

• PROCEDE D'ISOLEMENT DE CELLULES ET SON UTILISATION

(71) CAPITAL BIOCHIP COMPANY LTD. [CN/CN]; #Jia2, Qinghua West Road, Haidian District, Beijing 100084 (CN). TSINGHUA UNIVERSITY [CN/CN]; Hai Dian District, Beijing 10084 (CN).

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(72, 75) JING, Gaoshan [CN/US]; 2930 Scioto Street, #802, Cincinnati, OH 45219 (US). ZHANG, Jian [CN/CN]; 29 Nanhebian, Jianguo 225500 (CN). CHENG, Jing [CN/CN]; Tsinghua University, Suite 506, No. 2 Building, Lan Qi Ying, Beijing 100084 (CN).

(74) CHEN, Peng et al. / etc.; Morrison & Foerster LLP, Suite 500, 3811 Valley Centre Drive, San Diego, CA 92130-2332 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 1/527, C12N 9/88, 15/62, G06F 17/50

(11) WO 02/077270 (13) A1

(21) PCT/GB02/01490

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 09/812,957 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROTEIN CRYSTAL STRUCTURE AND METHOD FOR IDENTIFYING PROTEIN MODULATORS

• STRUCTURE CRISTALLINE PROTEIQUE ET PROCEDE POUR IDENTIFIER DES MODULATEURS DE PROTEINE

(71) ASTEX TECHNOLOGY LIMITED [GB/GB]; 250 Cambridge Science Park, Milton Road, Cambridge, Cambridgeshire CB4 0WE (GB).

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(72, 75) BLUNDELL, Tom, Leon [GB/GB]; Rushmore House, Fowlmere Road, Shepreth, Royston, Hertfordshire SG8 6QP (GB).

ABELL, Christopher [GB/GB]; 39 Leys Avenue, Cambridge, Cambridgeshire CB4 2AN (GB). VON DELFT, Frank [ZA/US]; 2875 Mission Boulevard, San Diego, CA 92109 (US).

(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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12Q 1/68, C12N 15/74

(11) WO 02/077271 (13) A2

(21) PCT/DE02/01154

(22) 25 Mar/mar 2002 (25.03.2002)

(25) de (26) de

(30) 101 15 749.5 25 Mar/mar 2001 DE (25.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONTROL PLASMID AND METHOD FOR DETECTING MYCOPLASMA CONTAMINATION IN BIOLOGICAL MATERIAL

• PLASMIDE DE CONTROLE ET PROCEDE DE DETECTION DE CONTAMINATION PAR DES MYCOPLASMES DANS DES MATIERES BIOLOGIQUES

(71) MINERVA BIOLABS GMBH [DE/DE]; Köpenicker Strasse 325, 12555 Berlin (DE). *(for all designated States except / pour tous les États désignés sauf US)*

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(74) SCHUBERT, Klemens; Neue Promenade 5, 10178 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/68

(11) WO 02/077272 (13) A2

(21) PCT/EP02/03401

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/278,333 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS AND NUCLEIC ACIDS FOR THE ANALYSIS OF HEMATOPOIETIC CELL PROLIFERATIVE DISORDERS

• PROCEDES ET ACIDES NUCLEIQUES POUR L'ANALYSE DES TROUBLES DE LA PROLIFERATION DES CELLULES HEMATOPOIETIQUES

(71) EPIGENOMICS AG [DE/DE]; Kastanienallee 24, 10435 Berlin (DE).

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(72, 75) BERLIN, Kurt [DE/DE]; Marienkäferweg 4, 14532 Stahnsdorf (DE). BRAUN, Aron [CH/DE]; Christinestrasse 24, 10119 Berlin (DE). DISTLER, Jürgen [DE/DE]; Hewaldstrasse 2, 10825 Berlin (DE). GÜTIG, David [DE/DE]; Kastanienallee 74, 10435 Berlin (DE). HOWE, André [DE/DE]; Trelleborger Strasse 28, 13189 Berlin (DE). MÜLLER, Jürgen [DE/DE]; Schliemannstrasse 46, 10437 Berlin (DE). OLEK, Alexander [DE/DE]; Schröderstrasse 13, 10115 Berlin (DE). PIEPENBROCK, Christian [DE/DE]; Schwartzkopffstrasse 7 B, 10115 Berlin (DE). ADORJAN, Peter [DE/DE]; Dunckerstrasse 4, 10437 Berlin (DE). GRABS, Gabi [DE/DE]; Sennockstrasse 29, 12103 Berlin (DE). LESCHE, Ralf [DE/DE]; Dänenstrasse 15, 10439 Berlin (DE). LEU, Erik [DE/DE]; Mühsamstrasse 24, 10249 Berlin (DE). LEWIN, Andre [DE/DE]; Wichertstrasse 52, 10439 Berlin (DE). LIPSCHER, Evelyne [DE/DE]; Brehmestrasse 13, 13187 Berlin (DE). MAIER, Sabine [DE/DE]; Markelstrasse 60, 12163 Berlin (DE). MODEL, Fabian [DE/DE]; Debenzerstrasse 73, 12683 Berlin (DE). MÜLLER, Volker [DE/DE]; Dossestrasse 13, 10247 Berlin (DE). OTTO, Thomas [DE/DE]; Walliserstrasse 11, 13407 Berlin (DE). PELET, Cecile [DE/DE]; Grosse Hamburger Strasse 1, 10115 Berlin (DE). SCHWOPE, Ina [DE/DE]; Isländischestrassen 16, 10439 Berlin (DE). ZIEBARTH, Heike [DE/DE]; Paul-Robeson-Strasse 20, 10439 Berlin (DE).

(74) SCHUBERT, Klemens; Neue Promenade 5, 10178 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (g2)

(51)⁷ C12Q 1/68

(11) WO 02/077273 (13) A1

(21) PCT/FR02/01016

(22) 22 Mar/mar 2002 (22.03.2002)

- (25) fr (26) fr
(30) 01/03974 **23 Mar/mar 2001** FR
(23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • GENE TYPING METHOD WITHOUT DNA EXTRACTION
• METHODE DE GENOTYPAGE SANS EXTRACTION DE L'ADN
- (71) INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) [FR/FR]; 101, rue de Tolbiac, F-75013 Paris (FR). INSTITUT PASTEUR DE LILLE [FR/FR]; 1, rue du Professeur Calmette, F-59019 Lille Cedex (FR).
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- (74) JACOBSON, Claude et al. / etc.; Cabinet Lavoix, 2, place d'Estienne d'Orves, F-75441 Paris Cedex 09 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12Q 1/68, C12N 15/10
(11) WO 02/077274 (13) A2
(21) PCT/FR02/01034
(22) 25 Mar/mar 2002 (25.03.2002)
- (25) fr (26) fr
(30) 01/03953 **23 Mar/mar 2001** FR
(23.03.2001)
- (30) 60/285,272 **23 Apr/avr 2001** US
(23.04.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHODS FOR PURIFYING AND DETECTING DOUBLE STRANDED DNA TARGET SEQUENCES BY TRIPLE HELIX INTERACTION
• PROCEDES DE PURIFICATION ET DE DETECTION DE SEQUENCES CIBLES D'ADN DOUBLE BRIN PAR INTERACTION TRIPLE HELICE.
- (71) AVENTIS PHARMA S.A. [FR/FR]; 20 avenue Raymond Aron, F-92160 ANTONY (FR).
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- (72, 75) BLANCHE, François [FR/FR]; 41 rue des Solitaires, F-75019 PARIS (FR). CAMERON, Béatrice [FR/FR]; 6 rue Tournefort, F-75005 PARIS (FR).
- (74) LECCA, Patricia; AVENTIS PHARMA S.A., Direction brevets, 20 avenue Raymond Aron, F-92165 ANTONY 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 CH CY DE DK ES FI FR GB GR IE 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 C12Q 1/68, C07K 16/18, A01K 67/027, C12N 15/00, A61K 31/70
(11) WO 02/077275 (13) A2
(21) PCT/GB02/01398
(22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
(30) 0107267.7 **23 Mar/mar 2001** GB
(23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DIAGNOSTIC METHOD FOR DETERMINING ABNORMALITY OF CLONED EMBRYOS
• METHODE DIAGNOSTIQUE PERMETTANT DE DETERMINER L'ANORMALITE D'EMBRYONS CLONES
- (71) BABRAHAM INSTITUTE [GB/GB]; Babraham Hall, Babraham, Cambridge CB2 4AT (GB).
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- (72, 75) DEAN, Wendy, Lee [CA/GB]; 12 South Street, Comberton, Cambridge CB3 7DZ (GB). REIK, Wolf [DE/GB]; 12 Coppice Avenue, Great Shelford, Cambridge, CB2 5AQ (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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12Q 1/68
(11) WO 02/077276 (13) A2
(21) PCT/GB02/01403
(22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
(30) 0107247.9 **22 Mar/mar 2001** GB
(22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • NOVEL SIGNALLING POLYPEPTIDE
• NOUVEAU POLYPEPTIDE DE SIGNALISATION
- (71) IMPERIAL COLLEGE INNOVATIONS LIMITED [GB/GB]; Sherfield Building,

- Exhibition Road, South Kensington, London SW7 2AZ (GB).
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- (72, 75) BAKER, David [GB/NL]; Cell Signalling Unit, Institute of Reproductive & Developmental Biology, Faculty of Medicine, Imperial College of Science Technology & Medicine, Hammersmith Hospital, Du Cane Rd, London W12 0NN (GB). MILLE-BAKER, Blandine [FR/NL]; Cell Signalling Unit, Institute of Reproductive & Developmental Biology, Faculty of Medicine, Imperial College of Science Technology & Medicine, Hammersmith Hospital, Du Cane Rd, London W12 0NN (GB). DIBB, Nicholas [GB/GB]; Cell Signalling Unit, Institute of Reproductive & Developmental Biology, Faculty of Medicine, Imperial College of Science Technology & Medicine, Hammersmith Hospital, Du Cane Rd, London W12 0NN (GB). ISH-HOROWICZ, David [GB/GB]; Developmental Genetics Laboratory, Imperial Cancer Research Fund, PO Box 123, 44 Lincoln's Inn Field, London WC2A 3PX (GB).
- (74) LEE, Nicholas, John et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12Q 1/68
(11) WO 02/077277 (13) A2
(21) PCT/IN01/00048
(22) 26 Mar/mar 2001 (26.03.2001)
- (25) en (26) en
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DNA MARKERS FOR ASSESSING SEED PURITY AND A METHOD OF USING DNA SEQUENCES FOR ASSESSING SEED PURITY
• MARQUEURS ADN PERMETTANT D'EVALUER LA PURETE DE SEMENCES ET PROCEDE D'UTILISATION DE SEQUENCES D'ADN POUR L'EVALUATION DE LA PURETE DE SEMENCES
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
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- (72, 75) JAMIR, Yashitola [IN/IN]; Centre for Cellular and Molecular Biology, Hyderabad, Hyderabad 500 007 (IN). SONTI, Ramesh, V. [IN/IN]; Centre for Cellular and Molecular Biology, Hyderabad, Hyderabad 500 007 (IN).
- (74) GABRIEL, DEVADOSS, CALAB; Kumaran & Sagar, 84-C, C6 Lane, (Off Central

- Avenue), Sainik Farms, New Delhi 110 062 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 C12Q 1/68
- (11) WO 02/077278 (13) A1
- (21) PCT/IN01/00055
- (22) 28 Mar/mar 2001 (28.03.2001)
- (25) en (26) en
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • UNIVERSAL PRIMERS FOR WILDLIFE IDENTIFICATION
• AMORCEURS UNIVERSELS POUR IDENTIFICATION DE LA FAUNE ET DE LA FLORE
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
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- (72, 75) VERMA, Sunil, Kumar [IN/IN]; Centre for Cellular and Molecular Biology, Hyderabad 500 007 (IN). SINGH, Lalji [IN/IN]; Centre for Cellular and Molecular Biology, Hyderabad 500 007 (IN).
- (74) GABRIEL, Devadoss, Calab; Kumaran & Sagar, 84-C, C6 Lane, (Off Central Avenue), Sainik Farms, New Delhi 110 062 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 C12Q 1/68, C12N 15/09, G01N 33/50 // A01K 67/00
- (11) WO 02/077279 (13) A1
- (21) PCT/JP01/05502
- (22) 27 Jun/juin 2001 (27.06.2001)
- (25) ja (26) ja
- (30) 2001-84254 23 Mar/mar 2001 JP (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD OF EVALUATING USEFUL CATTLE
• PROCEDE D'EVALUATION DE BE-TAIL UTILE
- (71) NATIONAL AGRICULTURAL RESEARCH ORGANIZATION [JP/JP]; 1-1, Kannondai 3-chome, Tsukuba-shi, Ibaraki 305-8666 (JP).
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- (72, 75) MITSUHASHI, Tadayoshi [JP/JP]; 4-26-405-501, Matsushiro, Tsukuba-shi, Ibaraki 305-0035 (JP). CHIKUNI, Koichi [JP/JP]; 1-8-1, Jyonouchi, Ryugasaki-shi, Ibaraki 301-0847 (JP).
- (74) HIRAKI, Yusuke et al. / etc.; Toranomom No.5 Mori Building Third Floor, 17-1, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AU CA US.
-
- (51)⁷ C12Q 1/68, C12N 5/10, 15/09, C07K 14/47, G01N 33/50, 33/566
- (11) WO 02/077280 (13) A1
- (21) PCT/JP01/08370
- (22) 26 Sep/sep 2001 (26.09.2001)
- (25) ja (26) ja
- (30) 2001-88062 26 Mar/mar 2001 JP (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD OF SCREENING NUCLEIC ACID ENCODING SIGNAL TRANSDUCER AND KIT AND CELLS TO BE USED IN THIS METHOD
• METHODE DE CRIBLAGE D'ACIDE NUCLEIQUE CODANT UN TRANSDUCTEUR DE SIGNAL ET NECESSAIRE ET CELLULES A UTILISER DANS CETTE METHODE
- (71, 72) SAITO, Takashi [JP/JP]; 3-6-25, Meiwa, Yotsukaido-shi, Chiba 284-0043 (JP). ARASE, Hisashi [JP/US]; 187, Skyview Way, San Francisco, CA 94131 (US).
- (74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).
- (81) CA JP US.
- Published / Publiée : (n)
- Declaration / Déclaration :
(v) for all designations / pour toutes les désignations
-
- (51)⁷ C12Q 1/68, C12N 15/09, C12M 1/00, G01N 33/53, 33/543, 33/566, 33/576, 37/00
- (11) WO 02/077281 (13) A1
- (21) PCT/JP02/02030
- (22) 5 Mar/mar 2002 (05.03.2002)
- (25) ja (26) ja
- (30) 2001-090053 27 Mar/mar 2001 JP (27.03.2001)
- (30) 2001-284112 18 Sep/sep 2001 JP (18.09.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD OF DETECTING NUCLEIC ACID RELATING TO DISEASE
• PROCEDE DE DETECTION D'ACIDE NUCLEIQUE RELATIF A UNE MALADIE
- (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) HASHIMOTO, Koji [JP/JP]; 4-12-703, Sagamihara 4-chome, Sagamihara-shi, Kanagawa 229-0031 (JP). HASHIMOTO, Michie [JP/JP]; 17-17-106, Jingumae 3-chome, Shibuya-ku, Tokyo 150-0001 (JP). MISHIRO, Shunji [JP/JP]; 24-9-301, Honkomagome 1-chome, Bunkyo-ku, Tokyo 113-0021 (JP). OOTA, Yasuhiko [JP/JP]; 13-11, Arai 1-chome, Nakano-ku, Tokyo 165-0026 (JP).
- (74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN KR RU US.
- (84) EP (DE ES FR GB GR IT SE).
-
- (51)⁷ C12Q 1/68, C12N 15/09, G01N 33/53, 33/566, 33/58
- (11) WO 02/077282 (13) A1
- (21) PCT/JP02/02893
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) ja (26) ja
- (30) 2001-90134 27 Mar/mar 2001 JP (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD OF DETECTING GENE
• METHODE POUR DETECTER UN GENE
- (71) INTERNATIONAL REAGENTS CORPORATION [JP/JP]; 3-2, Takatsukadai, 4-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 (JP).
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- (72, 75) YAMAMOTO, Takeshi [JP/JP]; c/o Research & Development Center, International Reagents Corporation, 1-2, Murotani 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2241 (JP). IKEDA, Masafumi [JP/JP]; c/o Research & Development Center, International Reagents Corporation, 1-2, Murotani 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2241 (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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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, C12P 19/34, C12M 1/34, C07H 21/02, 21/04
- (11) WO 02/077283 (13) A1
- (21) PCT/US01/49227
- (22) 21 Dec/déc 2001 (21.12.2001)
- (25) en (26) en

(30) 09/746,113 **21 Dec/déc 2000** US
(**21.12.2000**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS FOR DETECTING TRANSCRIPTS
• METHODES DE DETECTION DE TRANSCRIPTS

(71) AFFYMETRIX, INC. [US/US]; 3380 Central Expressway, Santa Clara, CA 95051 (US).
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(74) LIEBESCHUETZ, Joe 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 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).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C12Q 1/68

(11) WO 02/077284 (13) A1

(21) PCT/US01/08961

(22) 21 Mar/mar 2001 (21.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HAPLOTYPES OF THE GNB3 GENE
• HAPLOTYPES DU GENE GNB3

(71) GENAISSANCE PHARMACEUTICALS, INC. [US/US]; Five Science Park, New Haven, CT 06511 (US).
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(74) SHANER, Sandra L. et al. / etc.; Genaisance Pharmaceuticals, Inc., Five Science Park, New Haven, CT 06511 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU

ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY 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 C12Q 1/68

(11) WO 02/077285 (13) A2

(21) PCT/US02/03414

(22) 28 Feb/fév 2002 (28.02.2002)

(25) en (26) en

(30) 09/818,086 **26 Mar/mar 2001** US
(**26.03.2001**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS OF DETERMINING THE PRESENCE OF POLYNUCLEOTIDES EMPLOYING AMPLIFICATION

• PROCEDES DE DETECTION DE LA PRESENCE DE POLYNUCLEOTIDES PAR AMPLIFICATION

(71) APPLERA CORPORATION [US/US]; 850 Lincoln Centre Drive, Foster City, CA 94404 (US).

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(74) GARRETT, Arthur, S. et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN 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 CH CY DE DK ES FI FR GB GR IE IT 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, C07H 21/02, C12Q 21/04

(11) WO 02/077286 (13) A1

(21) PCT/US02/04875

(22) 20 Feb/fév 2002 (20.02.2002)

(25) en (26) en

(30) 60/270,428 **21 Feb/fév 2001** US
(**21.02.2001**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MUTATION DETECTION USING MUTS AND RECA

• DÉTECTION DE MUTATION AU MOYEN DE MUTS ET DE RECA

(71) GENE CHECK, INC. [US/US]; 1629 Blue Spruce Drive, Suite 106, Fort Collins, CO 80524 (US).

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(72, 75) WAGNER, JR., Robert, E. [US/US]; 11534 WCR 110, Carr, CO 80612 (US).
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(74) LIVNAT, Shmuel; Venable, Baetjer, Howard & Civiletti, LLP, 1201 New York Avenue, NW, Suite 1000, P.O. Box 34385, Washington, DC 20043-9998 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR 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).

Published / Publiée : (c)

(51)⁷ C12Q 1/68, C12P 19/34

(11) WO 02/077287 (13) A1

(21) PCT/US02/08700

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/814,338 **21 Mar/mar 2001** US
(**21.03.2001**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • APPARATUS AND METHOD FOR SEQUENCING A NUCLEIC ACID

• APPAREIL ET METHODE DE SEQUENÇAGE D'UN ACIDE NUCLEIQUE

(63) US 09/814,338 (CIP)
21 Mar/mar 2001 (21.03.2001)

(71) CURAGON CORPORATION [US/US]; 555 Long Wharf Drive, 11th Floor, Branford, CT 06511 (US).

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(72, 75) ROTHBERG, Jonathan, M. [US/US]; 1701 Moose Hill Road, Gilford, CT 06437 (US).
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(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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
-
- (51)⁷ C12Q 1/68
(11) WO 02/077288 (13) A1
(21) PCT/US02/08705
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 60/278,485 23 Mar/mar 2001 US
(23.03.2001)
(30) 60/300,998 26 Jun/juin 2001 US
(26.06.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHODS FOR IDENTIFYING NU-
CLEIC ACID MOLECULES OF INTER-
EST FOR USE IN HYBRIDIZATION
ARRAYS
• METHODES D'IDENTIFICATION DE
MOLECULES D'ACIDE NUCLEIQUE
D'INTERET DESTINEES A ETRE UTI-
LISEES DANS DES DOSAGES PAR
HYBRIDATION
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tuto Ludwig de Pesquisa Sobre o Câncer,
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BRENTANI, Ricardo, R. [BR/BR]; Insti-
tuto Ludwig de Pesquisa Sobre o Câncer,
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(74) HANSON, Norman, D.; Fulbright & Ja-
worski L.L.P., 666 Fifth Avenue, New York,
NY 10103 (US).
(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM EE ES
FI GB GD GE GH GM HR HU ID IL IN IS
JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX NO NZ
OM 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).
-
- Published / Publiée : (c)
- (51)⁷ C12Q 1/68, C12P 19/34, C12N 15/00,
C07H 21/00
(11) WO 02/077289 (13) A1
(21) PCT/US02/08816
(22) 20 Mar/mar 2002 (20.03.2002)
(25) en (26) en
- (30) 09/813,408 21 Mar/mar 2001 US
(21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHODS FOR THE SYNTHESIS OF
POLYNUCLEOTIDES AND COMBI-
NATORIAL LIBRARIES OF POLYNU-
CLEOTIDES
• METHODES DE SYNTHESE DE PO-
LYNUCLEOTIDES ET DE BIBLIO-
THEQUES COMBINATOIRES DE PO-
LYNUCLEOTIDES
(71) HERCULES INCORPORATED [US/US];
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ington, DE 19894-0001 (US).
(72) DELAGRAVE, Simon; 709 Spencer Road,
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19348 (US).
(74) ROSSI, Joanne, Mary, Fobare; Hercules
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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 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 C12Q 1/68, G01N 33/53, A61K 38/00,
48/00, 31/337, C07H 21/04, 21/02
(11) WO 02/077290 (13) A1
(21) PCT/US02/08918
(22) 25 Mar/mar 2002 (25.03.2002)
(25) en (26) en
(30) 09/815,300 23 Mar/mar 2001 US
(23.03.2001)
(30) 09/905,989 17 Jul/juil 2001 US
(17.07.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHODS FOR MODIFYING PHAR-
MACOKINETICS AND BIOAVAIL-
ABILITY OF EXOGENOUS COM-
POUNDS
• PROCEDES SERVANT A MODIFIER
LA PHARMACOCINETIQUE ET LA
BIODISPONIBILITE DE COMPOSES
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(72) FORMAN, Barry; 904 Springtide Drive,
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sand Oaks, CA 91362 (US). SYNOLD,
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rovia, CA 91016 (US).
(74) FIGG, E., Anthony et al. / etc.; Rothwell,
Figg, Ernst & Manbeck, P.C., 1425 K. Street,
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
- HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- (51)⁷ C12Q 1/68, C12M 1/36, C12N 11/16,
G01N 15/06
(11) WO 02/077291 (13) A1
(21) PCT/US02/09126
(22) 25 Mar/mar 2002 (25.03.2002)
(25) en (26) en
(30) 09/816,651 23 Mar/mar 2001 US
(23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHODS FOR DETECTING TARGET
ANALYTES AND ENZYMATIC REAC-
TIONS
• PROCEDES DE DETECTION D'ANA-
LYTES CIBLES ET DE REACTIONS
ENZYMATIQUES
(71) THE TRUSTEES OF TUFTS COLLEGE
[US/US]; 136 Harrison Street, Boston, MA
02111 (US).
(72) WALT, David, R.; 4 Candlewick Close, Lex-
ington, MA 02421 (US). MICHAEL, Karri,
Lynn; 6280 McNeill Drive #404, Austin, TX
78729 (US).
(74) SILVA, Robin, M. et al. / etc.; Flehr Ho-
hbach Test Albritton & Herbert LLP, 4 Em-
barcadero Center, Suite 3400, 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
-
- Published / Publiée : (c)
- (51)⁷ C12Q 1/68, C12P 19/34, C07H 21/04
(11) WO 02/077292 (13) A1
(21) PCT/US02/09804
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 09/819,103 27 Mar/mar 2001 US
(27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHODS FOR DIAGNOSING AND
MONITORING OVARIAN CANCER BY
SCREENING GENE COPY NUMBERS
• METHODES DE DIAGNOSTIC ET
DE SURVEILLANCE DU CANCER

DE L'OVAIRE PAR ANALYSE DU NOMBRE DE COPIES D'UN GENE

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; Office of Technology Transfer, 1111 Franklin St. 12th Floor, Oakland, CA 94607 (US).

(72) **CHIN, Koei**; 301 Chesapeake Avenue, Foster City, CA 94404 (US). **KUO, Wen-Lin**; 1536 Maple Leaf Drive, Pleasanton, CA 94588 (US). **PINKEL, Daniel**; 31 Manzanita Court, Walnut Creek, CA 94595 (US). **ALBERTSON, Donna**; 1098 Via Roble, Lafayette, CA 94549 (US). **COLLINS, Colin**; 36 Shannon Lane, San Raphael, CA 94901 (US). **GRAY, Joe, W.**; 50 Santa Paula Avenue, San Francisco, CA 94127 (US).

(74) **BASTIAN, Kevin, L.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C12Q 1/70

(11) WO 02/077293 (13) A2

(21) PCT/EP02/02581

(22) 8 Mar/mar 2002 (08.03.2002)

(25) en (26) en

(30) 60/274,540 9 Mar/mar 2001 US (09.03.2001)

(30) 09/939,379 24 Aug/août 2001 US (24.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DETECTION OF FUNGAL PATHOGENS USING THE POLYMERASE CHAIN REACTION

• DETECTION D'AGENTS PATHOGENES FONGIQUES A L'AIDE DE LA REACTION EN CHAINE DE LA POLYMERASE

(71) **SYNGENTA PARTICIPATIONS AG** [CH/CH]; Schwarzwaldallee 215, CH-4058 Basel (CH).

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(72, 75) **BECK, James, Joseph** [US/US]; Syngenta Biotechnology, Inc., 3054 Cornwallis Road, Research Triangle Park, NC 27709 (US). **BARNETT, Charles, Jason** [US/US]; Syngenta Biotechnology, Inc., 3054 Cornwallis Road, Research Triangle Park, NC 27709 (US). **PERRY, Christy, Violet** [US/US]; 3234 Rexford Lane, Apex, NC 27502 (US).

(74) **BASTIAN, Werner**; c/o Syngenta Participations AG, Intellectual Property, P.O. Box, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 1/70, C12M 1/00, C07K 1/00, A61K 38/44

(11) WO 02/077294 (13) A1

(21) PCT/US02/08077

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(30) 60/278,234 23 Mar/mar 2001 US (23.03.2001)

(30) 10/057,593 25 Jan/jan 2002 US (25.01.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PEROXIREDOXIN DRUGS FOR TREATMENT OF HIV-1 INFECTION AND METHODS OF USE THEREOF

• MEDICAMENTS A BASE DE PEROXY-REDOXINE POUR LE TRAITEMENT D'INFECTIONS PAR LE VIH-1, ET LEURS METHODES D'UTILISATION

(71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US).

(72) **LYNN, Ralf, Geiben**; 25 Hawthorne Street, Watertown, MA 02472 (US). **WALKER, Bruce, D.**; 85 Columbine Road, Milton, MA 02186 (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 CH CY DE DK ES FI FR GB GR IE IT 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 C14C 11/00, 13/00

(11) WO 02/077295 (13) A1

(21) PCT/IT02/00186

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) PCT/IT01/00155 28 Mar/mar 2001 IT (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR PREPARING LEATHER BY MEANS OF APPLYING PERFUMES, FRAGRANCES AND ESSENTIAL OIL

• PROCEDE POUR PREPARER DU CUIR PAR APPLICATION DE PARFUMS, DE FRAGRANCES ET D'HUILES ESSENTIELLES

(71) **CONCIARICERCA ITALIA S.R.L.** [IT/IT]; Via Brisa, 3, I-20123 Milano (IT).

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(72, 75) **ZINI, Domenico** [IT/IT]; c/o Conciricerca Italia S.r.l., Via Brisa, 3, I-20123 Milano (IT).

(74) **LONG, Giorgio et al.** / etc.; Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C21B 7/10, F27B 1/24

(11) WO 02/077296 (13) A1

(21) PCT/EP02/03186

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 14 720.1 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COOLING PLATE
• PLAQUE DE REFROIDISSEMENT

(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) **KORBIK, Elmar** [DE/DE]; Bedinrader Strasse 199, 45359 Essen (DE). **HEINRICH, Peter** [DE/DE]; Eckesdyk 13, 47608 Gerdern (DE). **BIRNBACH, Detlef** [DE/DE]; Herder Strasse 66, 40882 Ratingen (DE).

(74) **VALENTIN, Ekkehard**; Valentin, Gihске, Grosse, Hammerstrasse 2, 57072 Siegen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 C21C 5/52, C21B 13/14, F27D 3/00

(11) WO 02/077297 (13) A1

(21) PCT/CA02/00387

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 2,341,772 22 Mar/mar 2001 CA
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TRANSFER OF HOT FEED MATERIALS FROM A PREPROCESSING PLANT TO AN ELECTRIC SMELTING OR MELTING FURNACE

- TRANSFERT DE MATERIAUX D'ALLIEMENTATION CHAUDS D'UNE UNITE DE PRETRAITEMENT A UN FOUR ELECTRIQUE DE REDUCTION OU DE FUSION

(71) HATCH ASSOCIATED LTD. [CA/CA]; 2800 Speakman Drive, Mississauga, Ontario L5K 2R7 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) McCAFFREY, Felim, P. [CA/CA]; Apartment 212, 701 King Street West, Toronto, Ontario M5V 2W7 (CA).

(74) JOACHIM, Roland, H.; Ridout & Maybee LLP, Suite 2400, One Queen Street East, Toronto, Ontario M5C 3B1 (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).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)(51)⁷ C21C 7/10, 7/068

(11) WO 02/077298 (13) A2

(21) PCT/FR02/00987

(22) 21 Mar/mar 2002 (21.03.2002)

(25) fr (26) fr

(30) 0104073 27 Mar/mar 2001 FR
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • VACUUM CHAMBER, NOTABLY FOR STEEL DECARBURISATION

- ENCEINTE DE TRAITEMENT SOUS VIDE NOTAMMENT DE DECARBURISATION D'ACIER

(71) USINOR [FR/FR]; Immeuble "La Pacific" - La Défense 7, 11/13, Cours Valmy, F-92800 Puteaux (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LECAS, Jean-Claude [FR/FR]; 203, rue du Vieux Chemin des Gravelines, F-59279 Loon Plage (FR). CAPELLI, Pascal [FR/FR]; 16, rue des Platanes, F-59122 Killen (FR). HAYEZ, Paul [FR/FR]; 3, rue Emile Zola, F-59760 Grande Synthe (FR).

(74) LAGRANGE, Jacques; Usinor DIR PI, Immeuble "La Pacific", TSA 10001, F-92070 La Défense Cedex (FR).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EC EE GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL RO RU SD SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C21D

(11) WO 02/077299 (13) A2

(21) PCT/RU02/00079

(22) 7 Mar/mar 2002 (07.03.2002)

(25) ru (26) ru

(30) 2001107697 22 Mar/mar 2001 RU
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR PRODUCING SEMIFINISHED PRODUCTS FROM METALS AND ALLOYS OF A PSEUDOPOWDER METALLURGY

- PROCEDE DE FABRICATION DE DEMI-PRODUITS A PARTIR DE METAUX ET D'ALLIAGES AU MOYEN DE LA METALLURGIE DES PSEUDO-POUDRES

(71) INSTITUT PROBLEM SVERKHPLASTICHNOSTI METALLOV RAN [RU/RU]; ul. Stepana Khalturina, 39, Ufa, 450001 (RU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAIBYSHEV, Oskar Akramovich [RU/RU]; ul. Lenina, 31/33-28, Ufa, 450005 (RU). BERDIN, Valeryi Kuzmich [RU/RU]; pr. Oktyabrya, 71/2-86, Ufa, 450054 (RU).

(81) CN IN 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 C21D 6/00, C22C 38/00

(11) WO 02/077300 (13) A1

(21) PCT/JP02/02788

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-80878 21 Mar/mar 2001 JP
(21.03.2001)(30) 2001-154197 23 May/mai 2001 JP
(23.05.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PRODUCTION OF SOFT MAGNETIC FORMED BODY OF HIGH PERMEABILITY AND HIGH SATURATION MAGNETIC FLUX DENSITY

- PRODUCTION D'UN CORPS MAGNETIQUE DOUX A PERMEABILITE ELEVEE ET A DENSITE DE FLUX MAGNETIQUE A SATURATION ELEVEE

(71) OHNISHI, Kazumasa [JP/JP]; 121-35, Hanazonohigashi 2-chome, Nagaoka-shi, Niigata 940-0846 (JP).

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(71, 72) MAKINO, Akihiro [JP/JP]; 2-107, Higashi-machi 64-22, Honjo-shi, Akita 015-0076 (JP).

(74) YANAGAWA, Yasuo; Mitsuya-Yotsuya Building 8th Floor, 2-14, Yotsuya, Shinjuku-ku, Tokyo 160-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 3/24, 3/44, C02F 1/58

(11) WO 02/077301 (13) A1

(21) PCT/AU02/00325

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) PR 3936 23 Mar/mar 2001 AU
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METAL ION EXTRACTION MATERIALS AND PROCESSES USING SAME

- MATERIAUX D'EXTRACTION D'IONS METALLIQUES ET PROCESSUS UTILISANT CES MATERIAUX

(71) ORETEK LIMITED [AU/AU]; Level 8, 105 St Georges Terrace, Perth, Western Australia 6000 (AU).

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(72, 75) JAY, William, H. [AU/AU]; P.O. Box 187, DAYLESFORD, Victoria 3640 (AU).

(74) DARK, Andrew 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ C22B 11/08
(11) WO 02/077302 (13) A2
(21) PCT/ZA02/00045
(22) 20 Mar/mar 2002 (20.03.2002)
(25) en (26) en
(30) 01/2409 23 Mar/mar 2001 ZA
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • RECOVERY OF GOLD FROM CARBON
ELUATE
• RECUPERATION D'OR A PARTIR
D'ELUAT DE CARBONE

(71) MINTEK [ZA/ZA]; 200 Hans Strijdom
Drive, 2194 Johannesburg (ZA).
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les États désignés sauf US)*

(72, 75) GREEN, Brian, Russell [ZA/ZA]; 53
Wildebraam Street, 1709 Weltevreden Park
(ZA). PAUL, Roger, Leslie [ZA/ZA]; 107
Crestwood Drive, 2062 Lonchill (ZA).

(74) RADEMEYER, Montague, Ampie, John;
Mccallum Rademeyer & Freimond, PO Box
1130, 7 Macllyn House, Bordeaux, 2125
Randburg (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ 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 C22C 1/10, 1/05, H01L 23/373
(11) WO 02/077303 (13) A1
(21) PCT/JP02/02452
(22) 14 Mar/mar 2002 (14.03.2002)
(25) ja (26) ja
(30) 2001-88615 26 Mar/mar 2001 JP
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD FOR MANUFACTURING
RADIATING MEMBER FOR ELEC-
TRONIC EQUIPMENT

• PROCEDE DE FABRICATION D'UN
ELEMENT DISSIPANT LA CHALEUR
POUR EQUIPEMENT ELECTRONIQUE

(71) KABUSHIKI KAISHA TOYOTA
JIDOSHOKKI [JP/JP]; 2-1, Toy-
oda-cho, Kariya-shi, Aichi 448-8671
(JP). KABUSHIKI KAISHA TOYOTA
CHUO KENKYUSHO [JP/JP]; 41-1, Aza
Yokomichi, Oaza Nagakute, Nagakute-cho,
Aichi-gun, Aichi 480-1192 (JP).
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les États désignés sauf US)*

(72, 75) TANAKA, Katsufumi [JP/JP]; c/o
Kabushiki Kaisha Toyota Jidoshokki, 2-1,
Toyoda-cho, Kariya-shi, Aichi 448-8671
(JP). SUGIYAMA, Tomohei [JP/JP]; c/o

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(JP). KINOSHITA, Kyoichi [JP/JP]; c/o
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(JP). KONO, Eiji [JP/JP]; c/o Kabushiki
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Kariya-shi, Aichi 448-8671 (JP). NISHINO,
Naohisa [JP/JP]; c/o Kabushiki Kaisha Toy-
ota, Chuo Kenkyusho, 41-1, Aza Yokomichi,
Oaza Nagakute, Nagakute-cho, Aichi-gun,
Aichi 480-1192 (JP).

(74) OHKAWA, Hiroshi; 2-5, Meieki 3-chome,
Nakamura-ku, Nagoya-shi, Aichi 450-0002
(JP).

(81) US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ C22C 1/10, 1/05, H01L 23/373

(11) WO 02/077304 (13) A1
(21) PCT/JP02/02453
(22) 14 Mar/mar 2002 (14.03.2002)
(25) ja (26) ja
(30) 2001-88608 26 Mar/mar 2001 JP
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HEAT DISSIPATION MEMBER FOR
ELECTRONIC APPARATUS AND
METHOD FOR PRODUCING THE
SAME

• ELEMENT DISSIPANT LA CHALEUR
POUR APPAREIL ELECTRONIQUE ET
PROCEDE DE PRODUCTION DE CE-
LUI-CI

(71) KABUSHIKI KAISHA TOYOTA
JIDOSHOKKI [JP/JP]; 2-1, Toy-
oda-cho, Kariya-shi, Aichi 448-8671
(JP). KABUSHIKI KAISHA TOYOTA
CHUO KENKYUSHO [JP/JP]; 41-1, Aza
Yokomichi, Oaza Nagakute, Nagakute-cho,
Aichi-gun, Aichi 480-1192 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) TANAKA, Katsufumi [JP/JP]; c/o
Kabushiki Kaisha Toyota Jidoshokki, 2-1,
Toyoda-cho, Kariya-shi, Aichi 448-8671
(JP). SUGIYAMA, Tomohei [JP/JP]; c/o
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Toyoda-cho, Kariya-shi, Aichi 448-8671
(JP). KINOSHITA, Kyoichi [JP/JP]; c/o
Kabushiki Kaisha Toyota Jidoshokki, 2-1,
Toyoda-cho, Kariya-shi, Aichi 448-8671
(JP). KONO, Eiji [JP/JP]; c/o Kabushiki
Kaisha Toyota Jidoshokki, 2-1, Toyoda-cho,
Kariya-shi, Aichi 448-8671 (JP). NISHINO,
Naohisa [JP/JP]; c/o Kabushiki Kaisha Toy-
ota, Chuo Kenkyusho, 41-1, Aza Yokomichi,
Oaza Nagakute, Nagakute-cho, Aichi-gun,
Aichi 480-1192 (JP).

(74) OHKAWA, Hiroshi; 2-5, Meieki 3-chome,
Nakamura-ku, Nagoya-shi, Aichi 450-0002
(JP).

(81) US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ C22C 14/00, C22F 1/18, B22F 3/10

(11) WO 02/077305 (13) A1
(21) PCT/JP02/02874
(22) 25 Mar/mar 2002 (25.03.2002)

(25) ja (26) ja
(30) 2001-88914 26 Mar/mar 2001 JP
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HIGH STRENGTH TITANIUM ALLOY
AND METHOD FOR PRODUCTION
THEREOF

• ALLIAGE DE TITANE A HAUTE RE-
SISTANCE ET SON PROCEDE DE PRO-
DUCTION

(71) KABUSHIKI KAISHA TOYOTA
CHUO KENKYUSHO [JP/JP]; 41-1, Aza
Yokomichi, Oaza Nagakute, Nagakute-cho,
Aichi-gun, Aichi 480-1192 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) FURUTA, Tadahiko [JP/JP]; c/o
Kabushiki Kaisha Toyota, Chuo Kenkyusho,
41-1, Aza Yokomichi, Oaza Nagakute, Na-
gakute-cho, Aichi-gun, Aichi 480-1192 (JP).
NISHINO, Kazuaki [JP/JP]; c/o Kabushiki
Kaisha Toyota, Chuo Kenkyusho, 41-1, Aza
Yokomichi, Oaza Nagakute, Nagakute-cho,
Aichi-gun, Aichi 480-1192 (JP). SAITO,
Takashi [JP/JP]; c/o Kabushiki Kaisha Toy-
ota, Chuo Kenkyusho, 41-1, Aza Yokomichi,
Oaza Nagakute, Nagakute-cho, Aichi-gun,
Aichi 480-1192 (JP). HWANG, JungHwan
[KR/JP]; c/o Kabushiki Kaisha Toyota, Chuo
Kenkyusho, 41-1, Aza Yokomichi, Oaza
Nagakute, Nagakute-cho, Aichi-gun, Aichi
480-1192 (JP).

(74) OHKAWA, Hiroshi; 2-5, Meieki 3-chome,
Nakamura-ku, Nagoya-shi, Aichi 450-0002
(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 C22C 19/03, 1/04, H01G 4/228

(11) WO 02/077306 (13) A1
(21) PCT/US01/10897
(22) 4 Apr/avr 2001 (04.04.2001)
(25) en (26) en

(30) 60/277,465 21 Mar/mar 2001 US
(21.03.2001)

(30) 09/824,321 2 Apr/avr 2001 US
(02.04.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF CHARACTERING THE
OXIDATION CHARACTERISTICS OF
NICKEL

• PROCEDE D'ELIMINATION DES CA-
RACTERISTIQUES DU NICKEL

(71) VISHAY INTERTECHNOLOGY, INC.
[US/US]; 63 Lincoln Highway, Malvern, PA
19355 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) COPPOLA, Vito, A. [US/US]; 63 Lin-
coln Highway, Malvern, PA 19355 (US).

(74) ZARLEY, Donald, H.; Zarley, McKee,
Thomte, Voorhees & Sease, Suite 3200, 801
Grand Avenue, Des Moines, IA 50309-3200
(US).

(81) AE 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).

Published / Publiée : (a)

(51)⁷ C22C 21/00, C22F 1/04 // F28F 21/08

(11) WO 02/077307 (13) A1

(21) PCT/GB02/01275

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(30) 0107208.1 22 Mar/mar 2001 GB
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DC CAST ALLOY

- ALLIAGE D'ALUMINIUM COULE PAR
REFROIDISSEMENT INTENSE ET DI-
RECT (DC)

(71) ALCAN INTERNATIONAL LIMITED
[CA/CA]; 1188 Sherbrooke Street West,
Montreal, Québec K3A 3G2 (CA).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GRAY, Alan [GB/GB]; 5 Red House
Road, Bodicote, Banbury, Oxfordshire OX15
4BB (GB). HOWELLS, Andrew, David
[GB/GB]; 4 Foscothe Rise, Banbury, Oxford-
shire OX16 9XN (GB).

(74) EASTWOOD, Simon, Christopher;
Stevens Hewlett & Perkins, 1 St. August-
tine's Place, Bristol BS1 4UD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN 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).

Published / Publiée : (c)

(51)⁷ C22C 21/02, 1/04

(11) WO 02/077308 (13) A1

(21) PCT/JP02/02731

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ja (26) ja

(30) 2001-84706 23 Mar/mar 2001 JP
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HEAT-RESISTANT AND CREEP-RE-
SISTANT ALUMINUM ALLOY AND
BILLET THEREOF, AND METHOD
FOR THEIR PRODUCTION

- ALLIAGE D'ALUMINIUM RESISTANT
A LA CHALEUR ET AU FLUAGE, ET
SON PROCEDE DE FABRICATION

(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) HATTORI, Hisao [JP/JP]; c/o Itami
Works of SUMITOMO ELECTRIC
INDUSTRIES, LTD., 1-1, Koyakita
1-chome, Itami-shi, Hyogo 664-8611
(JP). TOKUOKA, Terukazu [JP/JP];
c/o Itami Works of SUMITOMO ELEC-
TRIC INDUSTRIES, LTD., 1-1, Koyakita
1-chome, Itami-shi, Hyogo 664-8611 (JP).
TAKIKAWA, Takatoshi [JP/JP]; c/o Itami
Works of SUMITOMO ELECTRIC IN-
DUSTRIES, LTD., 1-1, Koyakita 1-chome,
Itami-shi, Hyogo 664-8611 (JP).

(74) FUKAMI, Hisao et al. / etc.; Mitsui Sum-
itomo Bank Minamimorimachi Bldg., 1-29,
Minamimorimachi 2-chome, Kita-ku, Osaka-
shi, Osaka 530-0054 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ C22C 38/00

(11) WO 02/077309 (13) A1

(21) PCT/JP02/02729

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ja (26) ja

(30) 2001-085583 23 Mar/mar 2001 JP
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CAST STEEL AND METAL MOLD FOR
CASTING

- ACIER MOULE ET MOULE METAL-
LIQUE DESTINE A LA COULEE

(71) SUMITOMO METAL INDUSTRIES,
LTD. [JP/JP]; 5-33, Kitahama 4-chome,
Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) OKADA, Yasutaka [JP/JP]; c/o Sum-
itomo Metal Industries, Ltd., 5-33, Kita-
hama 4-chome, Chuo-ku, Osaka-shi, Osaka
541-0041 (JP). WATARI, Koji [JP/JP]; c/o
Sumitomo Metal Industries, Ltd., 5-33, Kita-
hama 4-chome, Chuo-ku, Osaka-shi, Osaka
541-0041 (JP).

(74) MORI, Michio et al. / etc.; M. Mori Patent
Office, Sumitomoseimei-Amagasaki Build-
ing, 17-23, Higashinaniwa-cho 5-chome,
Amagasaki-shi, Hyogo 660-0892 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 C22C 38/00, C21D 8/00

(11) WO 02/077310 (13) A1

(21) PCT/JP02/02848

(22) 25 Mar/mar 2002 (25.03.2002)

(25) ja (26) ja

(30) 2001-90731 27 Mar/mar 2001 JP
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HIGH STRENGTH AND HIGH DUC-
TILITY STEEL PLATE HAVING HY-
PERFINE CRYSTAL GRAIN STRUC-
TURE PRODUCED BY SUBJECTING
ORDINARY LOW CARBON STEEL
TO LOW STRAIN WORKING AND
ANNEALING, AND METHOD FOR
PRODUCTION THEREOF

- PLAQUE D'ACIER HAUTE RESIS-
TANCE A DUCTILITE ELEVEE CRIS-
TALLINE UNE STRUCTURE CRIS-
TALLINE HYPERFINE OBTENUE
PAR RECUIT ET USINAGE A FAIBLE
CONTRAINTE D'UN ACIER A FAIBLE
TENEUR EN CARBONE ORDINAIRE,
ET SON PROCEDE DE FABRICATION

(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) SAITO, Yoshihiro [JP/JP]; 5-1-27-403,
Onohara-higashi, Mino-shi, Osaka
562-0031 (JP). TSUJI, Nobuhiro [JP/JP];
1-2, Koga Honmachi, Fushimi-ku, Kyoto-shi,
Kyoto 612-8492 (JP). UEJI, Rintaro [JP/JP];
7-14, Koshikiwa-cho, Nishinomiya-shi,
Hyogo 662-0092 (JP).

(74) MIYAMOTO, Harumi; Hougaku Bldg.
7F, 19-14, Toranomon 1-chome, Minato-ku,
Tokyo 105-0001 (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 C22F 1/10, G02C 5/00 // C22K 1:00

(11) WO 02/077311 (13) A1

(21) PCT/GB02/01163

(22) 14 Mar/mar 2002 (14.03.2002)

(25) en (26) en

(30) 0107199.2 22 Mar/mar 2001 GB
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPONENTS FOR SPECTACLES
AND METHODS OF MAKING SUCH
COMPONENTS

- COMPOSANTS DE LUNETTES ET
LEURS PROCEDES DE FABRICATION

(71) REVEL INTERNATIONAL LIMITED
[GB/GB]; 24 Railway Approach, Weald-
stone, Harrow, Middlesex HA3 5BL (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LEVER, Brian [GB/GB]; Revel Interna-
tional Limited, 24 Railway Approach, Weald-
stone, Harrow, Middlesex HA3 5BL (GB).

(74) FOSTER, Mark, Charles; Mathisen,
Macara & Co., The Coach House, 6-8
Swakeleys Road, Ickenham, Uxbridge UB10
8BZ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 C23C

(11) WO 02/077312 (13) A2

(21) PCT/DE01/04952

(22) 22 Dec/déc 2001 (22.12.2001)

(25) de (26) de

(30) 101 15 201.9 27 Mar/mar 2001 DE
(27.03.2001)

(30) 101 23 554.2 15 May/mai 2001 DE
(15.05.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR INCREASING COMPRESSION STRESS OR REDUCING INTERNAL TENSION STRESS OF A CVD, PCVD OR PVD LAYER AND CUTTING INSERT FOR MACHINING

• PROCEDE SERVANT A AUGMENTER LA RESISTANCE A LA COMPRESSION OU A LIMITER LA CONTRAINTE DE TRACTION INTERNE D'UNE COUCHE APPLIQUEE PAR CVD, PCVD OU PVD, ET PIECE COUPANTE D'USINAGE

(71) WIDIA GMBH [DE/DE]; Münchener Strasse 90, 45145 Essen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WESTPHAL, Hartmut [DE/DE]; Schulstrasse 16, 36466 Dermbach/Rhön (DE). SOTTKE, Volkmar [DE/DE]; Holzstrasse 182, 45479 Mülheim (DE).

(74) VOMBERG, Friedhelm; Schulstrasse 8, 42653 Solingen (DE).

(81) IN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ C23C 2/24

(11) WO 02/077313 (13) A1

(21) PCT/JP02/02347

(22) 13 Mar/mar 2002 (13.03.2002)

(25) ja (26) ja

(30) 2001-74510 15 Mar/mar 2001 JP
(15.03.2001)

(30) 2001-395253 26 Dec/déc 2001 JP
(26.12.2001)

(30) 2001-396575 27 Dec/déc 2001 JP
(27.12.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PRODUCTION METHOD OF HOT-DIP METAL STRIP AND DEVICE THEREFOR

• PROCEDE DE PRODUCTION D'UNE BANDE METALLIQUE PAR IMMERSION A CHAUD ET DISPOSITIF CORRESPONDANT

(71) NKK CORPORATION [JP/JP]; 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KABEYA, Kazuhisa [JP/JP]; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). ISHIDA, Kyohei [JP/JP]; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). ISHIOKA, Munehiro [JP/JP]; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). TAKAHASHI, Hideyuki [JP/JP]; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). ISHII, Toshio [JP/JP]; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). MIYAKAWA, Yoichi [JP/JP]; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). GAMOU, Akira [JP/JP]; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). SUZUKI, Yoshikazu [JP/JP]; c/o NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(74) NAKAHAMA, Yasumitsu; c/o Intellectual Property Dept., NKK Corporation, 1-1, Minamiwatarida-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0855 (JP).

(81) 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).

(51)⁷ C23C 4/18, 26/00

(11) WO 02/077314 (13) A2

(21) PCT/US02/05120

(22) 21 Feb/fév 2002 (21.02.2002)

(25) en (26) en

(30) 09/817,757 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CORROSION RESISTANT COMPONENT AND METHOD FOR FABRICATING SAME

• COMPOSANT RESISTANT A LA CORROSION ET SON PROCEDE DE FABRICATION

(71) BODYCOTE IMT, INC. [US/US]; 155 River Street, Andover, Massachusetts 01810 (US).

(72) MASHL, Stephen, J.; 6 Dakota Drive, Chelmsford, MA 01824 (US). HEBEISEN, John, C.; 242 S. Main Street, Andover, MA 01810 (US).

(74) GEARY, William, C. III et al. / etc.; Nutter, McClennen & Fish, LLP, One International Place, Boston, MA 02110-2699 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C23C 14/02, 14/20, F16L 9/12, F24D 3/14

(11) WO 02/077315 (13) A1

(21) PCT/EP02/03056

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 101 14 485.7 24 Mar/mar 2001 DE
(24.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR PRODUCTION OF ENDLESS PLASTIC HOLLOW PROFILES

• PROCEDE ET DISPOSITIF DE REALISATION DE PROFILS CREUX EN PLASTIQUE CONTINUUS

(71) I V T INSTALLATIONS- UND VERBINDUNGSTECHNIK GMBH & CO KG [DE/DE]; Gewerbering Nord 5, 91126 Rohr (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HENNIG, Christoph [DE/DE]; Schwabenstrasse 13, 91126 Schwabach (DE).

(74) BROSE, Manfred; Pellergasse 45, 90475 Nürnberg (DE).

(81) AE AU CN CZ HU IL JP NO PL RU US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ C23C 14/34, 14/46, G02B 5/08, 5/28

(11) WO 02/077316 (13) A1

(21) PCT/JP02/01713

(22) 26 Feb/fév 2002 (26.02.2002)

(25) ja (26) ja

(30) 2001-83094 22 Mar/mar 2001 JP
(22.03.2001)

(30) 2001-83095 22 Mar/mar 2001 JP
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FILM FORMING METHOD, MULTI-LAYER FILM REFLECTOR MANUFACTURING METHOD, AND FILM FORMING DEVICE

• PROCEDE DE FORMATION D'UN FILM, PROCEDE DE FABRICATION

D'UN REFLECTEUR DE FILM MULTICOUCHE, ET DISPOSITIF DE FORMATION DE FILM

(71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-Chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANDA KA, Noriaki [JP/JP]; c/o NIKON CORPORATION, 2-3, Marunouchi 3-Chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) WATANABE, Atsushi; PATENT ATTORNEYS "SHINPO", 1-20-10-203, Takadanobaba, Shinjuku-ku, Tokyo 169-0075 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C23C 14/34, 14/14, C22C 5/06, G11B 7/26, G09F 9/30, H05B 33/10, 33/14, 33/24

(11) WO 02/077317 (13) A1

(21) PCT/JP02/02466

(22) 15 Mar/mar 2002 (15.03.2002)

(25) ja (26) ja

(30) 2001-76132 16 Mar/mar 2001 JP (16.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SPUTTERING TARGET MATERIAL
• MATERIAU DE CIBLE DE PULVERISATION

(71) ISHIFUKU METAL INDUSTRY CO., LTD. [JP/JP]; 20-7, Uchikanda 3-chome, Chiyoda-ku, Tokyo 101-8654 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASEGAWA, Koichi [JP/JP]; c/o Ishifuku Metal Industry Co., Ltd., Soka 1st Plant, Research & Development Department, 12-30, Aoyagi 2-chome, Soka-shi, Saitama 340-0002 (JP). ISHII, Nobuo [JP/JP]; c/o Ishifuku Metal Industry Co., Ltd., Soka 1st Plant, Research & Development Department, 12-30, Aoyagi 2-chome, Soka-shi, Saitama 340-0002 (JP). ASAKI, Tomoyoshi [JP/JP]; c/o Ishifuku Metal Industry Co., Ltd., Soka 1st Plant, Research & Development Department, 12-30, Aoyagi 2-chome, Soka-shi, Saitama 340-0002 (JP).

(74) ODAJIMA, Heikichi et al. / etc.; Oda-jima Patent Office, Nippon Jitensha Bldg., 9-15, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) 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 C23C 14/35

(11) WO 02/077318 (13) A1

(21) PCT/ES01/00119

(22) 27 Mar/mar 2001 (27.03.2001)

(25) es (26) es

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ARC EVAPORATOR WITH A POWERFUL MAGNETIC GUIDE FOR TARGETS HAVING A LARGE SURFACE AREA

• EVAPORATEUR A ARC ELECTRIQUE AVEC GUIDE MAGNETIQUE PUISSANT POUR CIBLES DE SURFACE IMPORTANTE

(71) FUNDACIÓN TEKNIKER [ES/ES]; Avenida Otaola, 20, E-20600 Eibar (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOIKOETXEA LARRINAGA, Josu [ES/ES]; Errekatsu 15, 4°C, E-48100 Mungia (ES).

(74) CARPINTERO LOPEZ, Francisco; Herrero & Asociados, S.L., Alcalá, 35, E-28014 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 C23C 16/27, 16/511, 16/517

(11) WO 02/077319 (13) A1

(21) PCT/KR01/00487

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DIAMOND FILM DEPOSITING APPARATUS USING MICROWAVES AND PLASMA

• APPAREIL DE DEPOT DE FIL DE DIAMANT UTILISANT DES MICRO-ONDES ET DU PLASMA

(71) SMALL & MEDIUM INDUSTRY PROMOTION CORPORATION [KR/KR]; 24-3 Yoido-dong Youngdeungpo-gu, Seoul 150-718 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SOHN, Hee-Sik [KR/KR]; 24-3 Yoido-dong Youngdeungpo-gu, Seoul 150-718 (KR). CHOE, Wayne, H. [US/US]; 2012 Byrnebruk Drive, Champaign, IL 61822 (US).

(74) KIM, Eun-Gu; Pedison International Patent and Law Office, 824-28, Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 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 C23C 16/32, 16/30

(11) WO 02/077320 (13) A1

(21) PCT/US02/08689

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 60/278,211 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR PRODUCING HYDROGENATED SILICON OXYCARBIDE FILMS

• PROCEDE DE PRODUCTION DE FILMS D'OXYCARBURE DE SILICIUM HYDROGENE

(71) DOW CORNING CORPORATION [US/US]; 2200 West Salzburg Road, Midland, MI 48686-0994 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOBODA, Mark [US/US]; 4729 Morningside Drive, Bay City, MI 48706 (US). HWANG, Byung [US/US]; 300 Heathermoor Drive, Midland, MI 48642 (US).

(74) SEVERANCE, Sharon; Dow Corning Corporation, Patent Department - Mail C01232, 2200 West Salzburg Road, Midland, MI 48686-0994 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 C23C 18/31, 18/28, G03F 7/039, 7/075, 7/38, C08L 83/04, 83/16, H01L 21/288, H05K 3/18

(11) WO 02/077321 (13) A1

(21) PCT/JP02/02632

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ja (26) ja
(30) 2001-88156 **26 Mar/mar 2001** JP
(**26.03.2001**)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD FOR FORMING METAL PAT-
TERN
• PROCEDE DE FORMATION D'UNE
STRUCTURE METALLIQUE SUR UN
SUBSTRAT
(71) NIPPON PAINT CO.,LTD. [JP/JP]; 1-2,
Oyodokita 2-chome, Kita-ku, Osaka-shi,
Osaka 531-8511 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) TSUSHIMA, Hiroshi [JP/JP]; c/o NIP-
PON PAINT CO., LTD., 19-17, Ikedanaka-
machi, Neyagawa-shi, Osaka 572-8501 (JP).
(74) METSUGI, Makoto et al. / etc.; Nishimura
Bldg., 6-5, Tanimachi 1-chome, Chuo-ku, Os-
aka-shi, Osaka 540-0012 (JP).
(81) KR US.
(84) EP (DE).

(51)⁷ C23C 18/48, 18/54

(11) WO 02/077322 (13) A1

(21) PCT/US01/09304

(22) 22 Mar/mar 2001 (22.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELECTROLESS DEPOSITION OF
CU-IN-GA-SE FILM
• DEPOT AUTOCATALYTIQUE D'UN
FILM EN CU-IN-GA-SE

(71) MIDWEST RESEARCH INSTITUTE
[US/US]; 425 Volker Boulevard, Kansas City,
MO 64110 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) BHATTACHARYA, Raghu, Nath
[US/US]; 5573 South Taft Street, Littleton,
CO 80127 (US).

(74) WHITE, Paul, J.; National Renewable
Energy Laboratory, 1617 Cole Boulevard,
Golden, CO 80401 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY 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 C23C 22/06, 22/34

(11) WO 02/077323 (13) A2

(21) PCT/EP02/02951

(22) 16 Mar/mar 2002 (16.03.2002)

(25) de (26) de

(30) 101 14 980.8 **27 Mar/mar 2001** DE
(**27.03.2001**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ADHESION PROMOTER FOR PAINTS
AND ADHESIVES ON METALS
• PRIMAIRE POUR PEINTURES ET AD-
HESIFS SUR METAUX

(71) HENKEL KOMMANDITGE-
SELLSCHAFT AUF AKTIEN [DE/DE];
Henkelstrasse 67, 40589 Düsseldorf (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) HAACK, Michael [DE/DE]; Corel-
listrasse 12, 40593 Düsseldorf (DE).
SCHWEINSBERG, Matthias [DE/DE];
Monikastrasse 21, 40764 Langenfeld (DE).
BASTIAN, Marco [DE/DE]; Wetzlarer Weg
21, 40229 Düsseldorf (DE).

(81) AU BG BR BY CA CN CZ DZ HU ID IL IN
JP KR MX NO NZ PL RO RU SG SI SK UA
US UZ VN YU ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ C23C 22/48

(11) WO 02/077324 (13) A2

(21) PCT/FR02/00988

(22) 21 Mar/mar 2002 (21.03.2002)

(25) fr (26) fr

(30) 0104064 **27 Mar/mar 2001** FR
(**27.03.2001**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR TREATING METAL
SURFACES BY CARBOXYLATION
• PROCEDE DE TRAITEMENT PAR
CARBOXYLATION DE SURFACES
METALLIQUES

(71) USINOR [FR/FR]; Immeuble "La Pacific",
La Défense 7, 11/13 Cours Valmy, F-92800
Puteaux (FR). 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) STEINMETZ, Jean [FR/FR]; 13, rue
Jules Ferry, F-54520 Laxou (FR). DERULE,
Hervé [FR/FR]; 3, rue Cugnot, F-57645
Montoye Flaville (FR). VALOT, Emeryc
[FR/FR]; 4, rue Sainte Geneviève, F-78220
Viroflay (FR).

(74) PLAISANT, Sophie; Usinor DIR PI, Im-
meuble "La Pacific", TSA 10001, F-92070
La Defense Cedex (FR).

(81) AE AG AL AM AU AZ BA BB BG BR BY
BZ CA CN CO CR CU CZ DM DZ EC EE
GD GE GH GM HR HU ID IL IN IS JP KE
KG KP KR KZ LC LK LR LS LT LV MA MD
MG MK MN MW MX MZ NO NZ OM PH
PL RO RU SD SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 C25B 1/00, C25C 3/06

(11) WO 02/077325 (13) A1

(21) PCT/NO02/00075

(22) 21 Feb/fév 2002 (21.02.2002)

(25) no (26) en

(30) 20010963 **26 Feb/fév 2001** NO
(**26.02.2001**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROCESS FOR PREPARING SILICON
AND OPTIONALLY ALUMINUM AND
SILUMIN(ALUMINUM-SILICON AL-
LOY)
• PROCEDE DE PREPARATION DE
SILICIUM ET EVENTUELLEMENT
D'ALUMINIUM ET DE SILUMINE
(ALLIAGE ALUMINIUM-SILICIUM)

(71) NORWEGIAN SILICON REFINERY AS
[NO/NO]; Festeveien 10, N-1525 Moss (NO).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) STUBERGH, Jan, Reidar [NO/NO];
Festeveien 10, N-1525 Moss (NO).

(74) BRYN & AARFLOT AS; P.B.Box 449 Sen-
trum, 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 C25B 11/02

(11) WO 02/077326 (13) A2

(21) PCT/EP02/03468

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) MI01A000643 **27 Mar/mar 2001** IT
(**27.03.2001**)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ANODIC STRUCTURE FOR MER-
CURY CATHODE ELECTROLYTIC
CELLS DESCRIPTION OF THE IN-
VENTION
• STRUCTURE ANODIQUE POUR CEL-
LULES ELECTROLYTIQUES A CA-
THODE DE MERCURE

(71) DE NORA ELETTRODI S.P.A. [IT/IT];
Via Dei Canzi, 1, I-20134 Milan (IT).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) MENECHINI, Giovanni [IT/IT]; Via
Pistoia, 11, I-20153 Milan (IT).

(74) KINZEBACH, Werner et al. / etc.; Reitsöt-
ter, Kinzbach & Partner, Sternwartstrasse 4,
81679 Munich (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C25D 5/02, 5/22, 5/06, C25F 7/00, H01L 21/288

(11) WO 02/077327 (13) A2

(21) PCT/US02/06231

(22) 27 Feb/fév 2002 (27.02.2002)

(25) en (26) en

(30) 60/272,791 1 Mar/mar 2001 US (01.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MASK PLATE DESIGN

• MODELE DE PLAQUE DE MASQUE

(71) NUTOOL, INC. [US/US]; 1645 McCandless Drive, Milpitas, CA 95035 (US).

(72) BASOL, Bulent, M.; 3001 Maple Avenue, Manhattan Beach, CA 90266 (US). UZOH, Cyprian; 1645 McCandless Drive, Milpitas, CA 95035 (US). BOGART, Jeff, A.; 315 Hershner Drive, Los Gatos, CA 95032 (US).

(74) JAKOPIN, David, A. et al. / etc.; Pillsbury Winthrop LLP, 1600 Tysons Boulevard, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 C25D 11/36

(11) WO 02/077328 (13) A1

(21) PCT/JP02/02907

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ja (26) ja

(30) 2001-89150 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PHOSPHATE FILM PROCESSING METHOD AND PHOSPHATE FILM PROCESSING DEVICE

• PROCEDE ET DISPOSITIF DE TRAITEMENT DE FILM DE PHOSPHATE

(71) NIHON PARKERIZING CO., LTD. [JP/JP]; 15-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP). FUJISYOJI CO., LTD. [JP/JP]; 60, Hirakata 13-chome, Fukuju-cho, Hashima-shi, Gifu 501-6257 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ASAKAWA, Hiroshi [JP/JP]; c/o Nihon Parkerizing Co., Ltd., 15-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP). IMATOMI, Tetsuo [JP/JP]; c/o Nihon Parkerizing Co., Ltd., 15-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP).

KOBAYASHI, Naoyuki [JP/JP]; c/o Nihon Parkerizing Co., Ltd., 15-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP).

TAKAGI, Shigemasa [JP/JP]; c/o Fujisyoji Co., Ltd., 60, Hirakata 13-chome, Fukuju-cho, Hashima-shi, Gifu 501-6257 (JP). FUJITA, Yoshihiro [JP/JP]; 7-1, Ohba-cho 2-chome, Moriguchi-shi, Osaka 570-0009 (JP). MORIYAMA, Tokujiro [JP/JP]; 3-2-1504, Nanamatsu-cho 1-chome, Amagasaki-shi, Hyogo 660-0052 (JP).

(74) FUJIMOTO, Noboru et al. / etc.; Sakaisuji-Inabata Bldg. 2F, 15-14, Minamimemba 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0081 (JP).

(81) CN ID IN 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 C30B 11/00, 11/14, 29/12

(11) WO 02/077329 (13) A1

(21) PCT/US02/02876

(22) 31 Jan/jan 2002 (31.01.2002)

(25) en (26) en

(30) 09/818,160 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SEED CRYSTAL FOR EPITAXIAL GROWTH OF SINGLE-CRYSTAL CALCIUM FLUORIDE

• GERME CRISTALLIN POUR CROISSANCE EPITAXIALE D'UN MONO-CRYSTAL DE FLUORURE DE CALCIUM

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US). (for all designated States except / pour tous les États désignés sauf US)

(71, 72) BEALL, George H [US/US]; 16 Woodland Drive, Big Flats, NY 14814 (US).

(72, 75) DENEKA, Charles W [US/US]; 2180 Spencer Hill Road, Corning, NY 14830 (US). KAR, Gitimoy [US/US]; 66 Overbrook Road, Painted Post, NY 14870 (US).

(74) MURPHY, Edward F; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ 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).

Published / Publiée : (c)

(51)⁷ C30B 15/14

(11) WO 02/077330 (13) A1

(21) PCT/US02/08590

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 09/815,508 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HEAT SHIELD ASSEMBLY FOR CRYSTAL PULLER

• ECRAN THERMIQUE POUR DISPOSITIF DE TIRAGE DE CRISTAL

(71) MEMC ELECTRONIC MATERIALS, INC. [US/US]; P.O. Box 8, 501 Pearl Drive, St. Peters, MO 63376 (US).

(72) FERRY, Lee, W.; 32 Autumn Wood Court, St. Charles, MO 63303 (US). SCHRENKER, Richard, A.; c/o MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US). BANAN, Mohsen; c/o MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US).

(74) BRIDGE, Richard, L. et al. / etc.; One Metropolitan Square, Suite 1600, St. Louis, MO 63102 (US).

(81) CN JP KR SG.

(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 C30B 33/10, 29/22

(11) WO 02/077331 (13) A1

(21) PCT/JP02/02488

(22) 15 Mar/mar 2002 (15.03.2002)

(25) ja (26) ja

(30) 2001-75458 16 Mar/mar 2001 JP (16.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR FLATTENING SURFACE OF OXIDE CRYSTAL TO ULTRA HIGH DEGREE

• PROCEDE D'APLANISSEMENT D'UNE SURFACE EN CRISTAL D'OXYDE A UN DEGRE ULTRA ELEVE

(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) KOINUMA, Hideomi [JP/JP]; 3-47-8, Ogikubo, Suginami-ku, Tokyo 167-0051 (JP). MATSUMOTO, Yuji [JP/JP]; 1-6-1-101, Aobadai, Aoba-ku, Yokohama-shi, Kanagawa 227-0062 (JP). SASAKI, Takatomo [JP/JP]; A9-310, 2-8, Yamadanishi, Suita-shi, Osaka 565-0824 (JP). MORI, Yusuke [JP/JP]; 8-16-9, Kisaichi, Katano-shi, Osaka 576-0004 (JP). YOSHIMURA, Masashi [JP/JP]; 2-10, Nobehiro, Hukuyama-shi, Hiroshima 720-0064 (JP).

(74) HIRAYAMA, Kazuyuki; 6th Floor, Shinjuku-kyoen Bldg., 3-10, Shinjuku 2-chome, Shinjuku-ku, Tokyo 160-0022 (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 D01D 5/32

(11) WO 02/077332 (13) A1

(21) PCT/EP02/01297

(22) 8 Feb/fév 2002 (08.02.2002)

(25) de (26) de

(30) 101 14 988.3 26 Mar/mar 2001 DE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE FOR PRODUCING YARNS, FIBERS OR FILAMENTS THAT ARE CAPABLE OF SPLITTING

• DISPOSITIF POUR PRODUIRE DES FILS, DES FIBRES OU DES FILAMENTS POUVANT ETRE SEPARES

(71) CARL FREUDENBERG KG [DE/DE]; Höhnerweg 2-4, 69469 Weinheim (DE). WETZEL SPINNERETS AG [CH/CH]; Zipriostrasse 1, CH-4334 Sisseln (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEINER, Helmut [DE/DE]; Vogesenstrasse 21, 66440 Blieskastel (DE). GROTEN, Robert [DE/FR]; 20, rue de l'III, F-68280 Sundhoffen (FR). RIBOULET, Georges [FR/FR]; 3, avenue Foch, F-68000 Colmar (FR). MEIER, Karl [DE/DE]; Soodeg 6, 79730 Murg (DE). HILFIGER, François [FR/FR]; 28, rue de Habsheim, F-68680 Kembs (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DK DM DZ EE GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NO NZ PL RO RU SD SG SI SK SL TJ TM TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 D01D 5/32, D01F 8/12, 8/14, 1/04
(11) WO 02/077333 (13) A1
(21) PCT/EP02/01301
(22) 8 Feb/fév 2002 (08.02.2002)
(25) de (26) de
(30) 101 15 185.3 27 Mar/mar 2001 DE (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • YARNS, FIBRES AND FILAMENTS THAT CAN BE FIBRILLATED, METHOD AND DEVICE FOR THEIR PRODUCTION

• FILS, FIBRES ET FILAMENTS POUVANT ETRE FIBRILLES, PROCEDE DE PRODUCTION DESDITS FILS, FIBRES ET FILAMENTS, ET DISPOSITIF ASSOCIE

(71) CARL FREUDENBERG KG [DE/DE]; Höhnerweg 2-4, 69469 Weinheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LÖCHER, Engelbert [DE/DE]; Theodor-Storm-Strasse 39, 67551 Worms (DE). LEINER, Helmut [DE/DE]; Vogesenstrasse 21, 66440 Blieskastel (DE). GROTEN, Robert [DE/DE]; 20, rue de l'III, F-68280 Sundhoffen (FR). RIBOULET, Georges [FR/FR]; 3, avenue Foch, F-68000 Colmar (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DK DM DZ EE GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NO NZ PL

RO RU SD SG SI SK SL TJ TM TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ D01F 6/90, 6/92, 8/12, 8/14, A46D 1/00
(11) WO 02/077334 (13) A1
(21) PCT/EP02/03364
(22) 26 Mar/mar 2002 (26.03.2002)
(25) de (26) de
(30) 101 15 556.5 28 Mar/mar 2001 DE (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • THERMOPLASTIC MONOFILAMENT FOR BRISTLES

• MONOFILAMENT THERMOPLASTIQUE POUR POILS DE BROSSES

(71) PEDEX & CO. GMBH [DE/DE]; Hauptstrasse 67, 69483 Wald-Michelbach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEIHRAUCH, Georg [DE/DE]; Am Rossert 1, 69483 Wald-Michelbach (DE). PUSCH, Hans-Ulrich [DE/DE]; Winterkastener Strasse 24, 64385 Reichelsheim-Laudenau (DE).

(74) LICHTI, Heiner et al. / etc.; Postfach 41 07 60, 76207 Karlsruhe (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 D01F 6/92, 8/14, D04H 1/42, C08L 67/04
(11) WO 02/077335 (13) A1
(21) PCT/US02/07681

(22) 15 Mar/mar 2002 (15.03.2002)

(25) en (26) en

(30) 60/278,948 27 Mar/mar 2001 US (27.03.2001)

(30) 10/051,723 17 Jan/jan 2002 US (17.01.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FIBERS COMPRISING POLYHYDROXYALKANOATE COPOLYMER/POLYLACTIC ACID POLYMER OR COPOLYMER BLENDS

• FIBRES COMPRENANT UN COPOLYMER DE POLYHYDROXYALKANOATE ET UN POLYMER D'ACIDE POLYLACTIQUE OU DES MELANGES DE COPOLYMERES

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) NODA, Isao; 1568 Hunter Road, Fairfield, OH 45014 (US). BOND, Eric, Bryan; 253 Terwilligers Run, Maineville, OH 45039 (US). MELIK, David, Harry; 4192 Intrepid Drive, Cincinnati, OH 45252 (US).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 D01F 9/04, A61L 27/34

(11) WO 02/077336 (13) A1

(21) PCT/GB02/01183

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 0107549.8 26 Mar/mar 2001 GB (26.03.2001)

(30) 0120815.6 28 Aug/août 2001 GB (28.08.2001)

(30) 0121995.5 11 Sep/sep 2001 GB (11.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS FOR FORMING HARDENED TUBES AND SHEETS

• PROCEDES DE FORMATION DE TUBES ET DE FEUILLES DURCIS

(71) UNIVERSITY COLLEGE LONDON [GB/GB]; Gower Street, London, Greater London WC1E 6BT (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MASON, Christopher** [GB/GB]; 67 Greenland Quay, London, Greater London SE16 7RR (GB). **TOWN, Martin, Arthur** [GB/GB]; 57 Culverley Road, Cufford, London, Greater London SE6 2LD (GB).

(74) **PAGET, Hugh, C., E. et al.** / etc.; Mewburn Ellis, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **D01F 9/32**

(11) **WO 02/077337** (13) A1

(21) PCT/JP02/02720

(22) **20 Mar/mar 2002 (20.03.2002)**

(25) ja (26) ja

(30) 2001-86618 **26 Mar/mar 2001 JP (26.03.2001)**

(30) 2001-296227 **27 Sep/sep 2001 JP (27.09.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **FLAME RESISTANT RENDERING HEAT TREATING DEVICE, AND OPERATION METHOD FOR THE DEVICE**

• **DISPOSITIF DE TRAITEMENT THERMIQUE CONFÉRANT UNE RÉSISTANCE A LA FLAMME ET SON PROCÉDE DE FONCTIONNEMENT**

(71) **TOHO TENAX CO., LTD.** [JP/JP]; 38-16, Hongo 2-chome, Bunkyo-ku, Tokyo 113-0033 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAGUCHI, Masanao** [JP/JP]; c/o Toho Tenax Co., Ltd., 234, Kamitogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8720 (JP).

(74) **TAKAHATA, Yasuyo**; Room 1004, MAISON-SUNSHINE, 1-4, Higashi-ikebukuro 3-chome, Toshima-ku, Tokyo 170-0013 (JP).

(81) CA 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).

(51)⁷ **D01G 15/84, 15/88**

(11) **WO 02/077338** (13) A1

(21) PCT/EP02/02576

(22) **8 Mar/mar 2002 (08.03.2002)**

(25) de (26) de

(30) 101 14 108.4 **22 Mar/mar 2001 DE (22.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **SAW-TOOTH WIRE FOR A SET OF ROLLERS**

• **GARNITURE EN DENTS DE SCIE DESTINÉE A UN ENSEMBLE DE CYLINDRES**

(71) **HOLLINGSWORTH GMBH** [DE/DE]; Rosenstr. 7-9, 75387 Neulach (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAUERSACHS, Axel** [DE/DE]; Eckweg 21, 75382 Althengstett (DE).

(74) **GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER**; Maximilianstrasse 58, 80538 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **D02G 3/34, D01H 1/16, 7/88**

(11) **WO 02/077339** (13) A1

(21) PCT/IT01/00158

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) it (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **IMPROVED APPARATUS FOR THE PRODUCTION OF FANCY YARNS**

• **APPAREIL AMÉLIORÉ POUR LA PRODUCTION DE FILS FANTAISIE**

(71) **GIGLIOTTI E GUALCHIERI COSTRUZIONE MACCHINE TESSILI S.P.A.** [IT/IT]; Via delle Fonti, 393/U, I-59100 Prato (IT).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **GIGLIOTTI, Giovanni** [IT/IT]; Via Riva, 81, I-59013 Montemurlo (IT).

(only for / seulement pour US)

(74) **MARTINI, Riccardo**; Viale Montegrappa, 278/E, I-59100 Prato (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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY 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 **D03D 41/00**

(11) **WO 02/077340** (13) A1

(21) PCT/US02/11305

(22) **22 Mar/mar 2002 (22.03.2002)**

(25) en (26) en

(30) 09/816,835 **23 Mar/mar 2001 US (23.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **HIGH SPEED THREE-DIMENSIONAL WEAVING METHOD & MACHINE**

• **MACHINE ET PROCÉDE DE TISSAGE TRIDIMENSIONNEL A GRANDE VITESSE**

(71) **3TEX, INC.** [US/US]; 109 MacKenan Drive, Cary, NC 27511 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOHAMED, Mansour** [US/US]; 1926 Highland Place, Raleigh, NC 27607 (US). **SALAMA, Mahmoud** [US/US]; 101 Frohlich Drive, Cary, NC 27513 (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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **D03D 47/16, 41/00**

(11) **WO 02/077341** (13) A1

(21) PCT/EP02/03234

(22) **22 Mar/mar 2002 (22.03.2002)**

(25) de (26) de

(30) 201 05 091.9 **23 Mar/mar 2001 DE (23.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **CLAMPING DEVICE FOR SEAM WEAVING MACHINES**

• **PINCE DE SERRAGE POUR MACHINES A TISSER A JOINT**

(71) **WANGNER FINCKH GMBH & CO. KG** [DE/DE]; Föhrstrasse 39, 72760 Reutlingen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOFSTETTER, Edgar** [DE/DE]; Ödenburgstr. 6, 72531 Hohenstein 1 (DE).

(74) **ABITZ, Walter et al.** / etc.; Abitz & Partner, Poschingerstrasse 6, 81628 München (DE).

(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).

Published / Publiée : (c)

(51)⁷ **D03D 47/23**

(11) **WO 02/077342** (13) A1

(21) PCT/EP02/01305

(22) **8 Feb/fév 2002 (08.02.2002)**

(25) de (26) de

(30) 101 14 756.2 **21 Mar/mar 2001 DE (21.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **RECEIVING GRIPPER FOR A RAPIER LOOM**

• **PINCE DE PREHENSION POUR METIER A TISSER A PINCE**

(71) **PICANOL N.V.** [BE/BE]; Polenlaan 3-7, B-8900 Ieper (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOENECLAËY, Denis** [BE/BE]; Roeselarestraat 102, B-8840 Oostnieuwkerke-Staden (BE). **STRUBBE, Patrick** [BE/BE]; Claventweg 68, B-8470 Gistel (BE).

(74) **DAUSTER, Hanjörg**; Patentanwälte, Ruff, Wilhelm, Beier, Dauster & Partner, Kronenstr. 30, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 D03D 47/23

(11) **WO 02/077343** (13) A1

(21) PCT/EP02/02411

(22) **6 Mar/mar 2002 (06.03.2002)**

(25) de (26) de

(30) 101 14 755.4 **21 Mar/mar 2001 DE (21.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **RAPIER FOR A RAPIER LOOM**
• PINCE DESTINEE A UN METIER A TISSER A PINCE

(71) **PICANOL N.V.** [BE/BE]; Polenlaan 3-7, B-8900 Ieper (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOENECLAËY, Denis** [BE/BE]; Roeselarestraat 102, B-8840 Oostnieuwkerke-Staden (BE). **STRUBBE, Patrick** [BE/BE]; Claventweg 68, B-8470 Gistel (BE).

(74) **DAUSTER, Hanjörg**; Ruff, Wilhelm, Beier, Dauster & Partner, Kronenstr. 30, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 D04B 7/00, 7/22

(11) **WO 02/077344** (13) A1

(21) PCT/JP02/02814

(22) **22 Mar/mar 2002 (22.03.2002)**

(25) ja (26) ja

(30) 2001-88884 **26 Mar/mar 2001 JP (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **WELT-PROCESSED KNITTED FABRIC AND WELT PROCESSING METHOD**
• **TRICOT A BORD SUPERIEUR FINI ET PROCEDE DE FINITION DE BORD**

(71) **SHIMA SEIKI MFG., LTD.** [JP/JP]; 85, Sakata, Wakayama-shi, Wakayama 641-8511 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OKAMOTO, Kazuyoshi** [JP/JP]; c/o SHIMA SEIKI MFG., LTD., 85, Sakata, Wakayama-shi, Wakayama 641-8511 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 D04H

(11) **WO 02/077345** (13) A2

(21) PCT/US02/04941

(22) **19 Feb/fév 2002 (19.02.2002)**

(25) en (26) en

(30) 09/815,259 **22 Mar/mar 2001 US (22.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **WATER-DISPERSIBLE, CATIONIC POLYMERS, A METHOD OF MAKING SAME AND ITEMS USING SAME**
• **POLYMERES CATIONIQUES HYDRO-SOLUBLES, PROCEDE DE FABRICATION CORRESPONDANT ET ARTICLES UTILISANT CES POLYMERES**

(71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) **CHANG, Yihua**; 14300 N.W. Greenwood Drive, Portland, OR 97229 (US). **LANG, Frederick, J.**; 1541 Whitetail Drive, Neenah, WI 54956 (US). **BRANHAM, Kelly, D.**; 6661 Cross Road, Winneconne, WI 54986 (US). **MCBRIDE, Erin**; 333 Twelfth Street, Neenah, WI 54956 (US).

(74) **RICHARDS, Robert, E.**; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309 (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 CH CY DE DK ES FI FR GB GR IE 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 D04H

(11) **WO 02/077346** (13) A2

(21) PCT/US02/09247

(22) **26 Mar/mar 2002 (26.03.2002)**

(25) en (26) en

(30) 09/816,670 **26 Mar/mar 2001 US (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **APPLICATION OF ANTIMICROBIAL TO WARP YARN**
• **APPLICATION D'UN ANTIMICROBIEN A UN FIL DE CHAINE**

(71) **BURLINGTON INDUSTRIES, INC.** [US/US]; 3330 W. Friendly Avenue, Greensboro, NC 27420 (US).

(72) **ESCHE, Susan, Park**; 219 E. Swannanoa Avenue, Liberty, NC 27298 (US). **BENNETH, Erin, G.**; 3400 Trail Ridge Drive, Greensboro, NC 27410 (US). **SHOE, Michael, S.**; 3119 Kensington Place, Burlington, NC 27215 (US).

(74) **CRAWFORD, Arthur, R.**; Nixon & Vandehy P.C., Suite 800, 1100 North Glebe Road, 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 CH CY DE DK ES FI FR GB GR IE IT 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 D04H 1/00, 1/72

(11) **WO 02/077347** (13) A2

(21) PCT/US02/04655

(22) **15 Feb/fév 2002 (15.02.2002)**

(25) en (26) en

(30) 09/815,159 **22 Mar/mar 2001 US (22.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **HIGH SUPERABSORBENT CONTENT WEBS AND A METHOD FOR MAKING THEM**

- BANDES A HAUTE TENEUR EN MATIERES SUPERABSORBANTES ET PROCEDE DE FABRICATION DE CELLES-CI
- (71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).
- (72) **SINGH, Jaspreet**; 8545 Bloomfield, Apt. 8, Montreal, Québec H3N 2J4 (CA). **DODGE, Richard, N.**; 2717 N. McDonald Street, Appleton, WI 54911 (US).
- (74) **GREEN, Theodore, M. et al.** / etc.; Kilpatrick Stockton L.L.P., 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 CH CY DE DK ES FI FR GB GR IE 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 **D04H 13/00**
- (11) **WO 02/077348** (13) A1
- (21) PCT/US02/07799
- (22) **14 Mar/mar 2002 (14.03.2002)**
- (25) en (26) en
- (30) 09/815,527 **23 Mar/mar 2001 US (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMPOSITE NONWOVEN FABRIC
- NON TISSE COMPOSITE
- (71) **POLYMER GROUP INC.** [US/US]; 4838 Jenkins Avenue, North Charleston, SC 29406 (US).
- (72) **MOODY, Ralph, A., III**; 121 Currituk Court, Mooresville, NC 28117 (US).
- (74) **GEIMER, Stephen, D.**; Rockey, Milnamow & Katz, Ltd., Two Prudential Plaza, 180 North Stetson, Suite 4700, Chicago, IL 60601 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 **D04H 13/00**
- (11) **WO 02/077349** (13) A1
- (21) PCT/US02/00838
- (22) **11 Jan/jan 2002 (11.01.2002)**
- (25) en (26) en
- (30) 09/816,822 **23 Mar/mar 2001 US (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • FLUID MANAGEMENT COMPOSITE
- TISSU COMPOSITE POUR LE CONTROLE DE FLUIDES
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **SETH, Jayshree**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **BOND, William J. et al.** / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **D05B 47/02**
- (11) **WO 02/077350** (13) A1
- (21) PCT/JP02/02743
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) ja (26) ja
- (30) 2001-82605 **22 Mar/mar 2001 JP (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SEWING MACHINE
- MACHINE A COUDRE
- (71) **AININ SEIKI KABUSHIKI KAISHA** [JP/JP]; 1, Asahi-machi 2-chome, Kariya-shi, Aichi 448-0032 (JP).
- (72) **ISIKAWA, Hitosi**; 4-3, Togatashi 2-chome, Nishio-shi, Aichi 445-0075 (JP). **TAMURA, Masasi**; 2-14-19, Takasu-cho, Kariya-shi, Aichi 448-0812 (JP). **YOSIDA, Kenzi**; 153, Ohisaya, Izumida-cho, Kariya-shi, Aichi 448-0004 (JP).

- (74) **OHKAWA, Hiroshi**; 2-5, Meieki 3-chome, Nakamura-ku, Nagoya-shi, Aichi 450-0002 (JP).
- (81) CN.

(51)⁷ **D05C 15/34, 15/18**

- (11) **WO 02/077351** (13) A1
- (21) PCT/US02/08335
- (22) **20 Mar/mar 2002 (20.03.2002)**
- (25) en (26) en
- (30) 09/815,344 **22 Mar/mar 2001 US (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • TUFTING APPARATUS WITH DUAL YARN FEED MECHANISM FOR PRODUCING PATTERNED TUFTED GOODS
- MACHINE A TUFTER EQUIPEE D'UN MECANISME PREDELIVREUR DOUBLE POUR LA PRODUCTION DE PRODUITS TUFTES A MOTIFS
- (71) **CYP TECHNOLOGIES, INC.** [US/US]; 2900 East 49th Street, Chattanooga, TN 37407 (US).
- (72) **SAMILO, John, S.**; 175 Gwen Drive, Ringgold, GA 30736 (US).
- (74) **PAPPAS, Peter, G. et al.** / etc.; Sutherland Asbill & Brennan, LLP, 999 Peachtree Street, N.E., 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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **D06F 37/30**

- (11) **WO 02/077352** (13) A2
- (21) PCT/US02/09223
- (22) **26 Mar/mar 2002 (26.03.2002)**
- (25) en (26) en
- (30) 09/817,687 **26 Mar/mar 2001 US (26.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • WASHING MACHINE INCLUDING A SEGMENTED STATOR SWITCHED RELUCTANCE MOTOR
- MACHINE A LAVER COMPRENANT UN MOTEUR A RELUCTANCE COMMUTE AVEC STATOR A SEGMENTS
- (71) **EMERSON ELECTRIC CO.** [US/US]; 8000 West Florissant Ave., St. Louis, MO 63136 (US).
- (72) **PEACHEE, C., Theodore**; 12818 Branchmont Court, St. Louis, MO 63146 (US). **WILLIAMS, Donald, J.**; 441 Main Street, Pierron, IL 62273 (US). **RANDALL, Steven, P.**; 40 St. Helen's Lane, Adel, Leeds LS16 8BS (GB).

(74) BRENNAN, Michael, P. et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 D06F 39/02, 39/00, 58/20, A47L 15/44, 15/46

(11) WO 02/077353 (13) A1

(21) PCT/EP02/02730

(22) 13 Mar/mar 2002 (13.03.2002)

(25) de (26) de

(30) 101 14 256.0 22 Mar/mar 2001 DE (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DOSING SYSTEM FOR DETERGENT SUBSTANCES
• SYSTEME DE DOSAGE DE SUBSTANCES DETERGENTES

(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) WEISS, Tilo [DE/DE]; Johannes-Hesse-Strasse 35, 40597 Düsseldorf (DE).
SCHMIEDEL, Peter [DE/DE]; Graudenzer Strasse 27, 40599 Düsseldorf (DE).

(81) AU BG BR BY CA CN CZ DZ HU ID IL IN JP KR MX NO NZ PL RO RU SG SI SK UA US UZ VN YU ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ D06F 39/02

(11) WO 02/077354 (13) A1

(21) PCT/EP02/02746

(22) 13 Mar/mar 2002 (13.03.2002)

(25) en (26) en

(30) 0107529.0 26 Mar/mar 2001 GB (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A PROCESS AND DEVICE FOR WASHING LAUNDRY IN A WASHING MACHINE
• PROCEDE ET DISPOSITIF POUR LAYER DU LINGE DANS UN LAVE-LINGE

(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 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 BG BR BY CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GE GR HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK MX MZ NL NO PH PL PT RO RU SE SI SK TJ TM TN TR UA UZ VN YU)

(71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, Mumbai 400 020 (IN).

(only for / seulement pour IN)

(72, 75) PARRY, Alyn, James [GB/GB]; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).
REBERS, Hendricus, Anthonius, Hyacinthus, Maria [NL/NL]; Lever Faberge Development Centre, Unilever R & D Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT 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 AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 D06F 93/00, B65H 3/22

(11) WO 02/077355 (13) A1

(21) PCT/DK02/00184

(22) 20 Mar/mar 2002 (20.03.2002)

(25) da (26) en

(30) PA 2001 00475 22 Mar/mar 2001 DK (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A METHOD AND AN APPARATUS FOR REMOVING PIECES OF CLOTH FROM A PILE
• PROCEDE ET APPAREIL PERMETTANT DE RETIRER DES ARTICLES DANS UN TAS DE LINGE

(71) JENSEN DENMARK A/S [DK/DK]; Industrivej 2, DK-3700 Ronne (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NIELSEN, Steen [DK/DK]; Industrivej 2, DK-3700 Ronne (DK).

(74) HOFMAN-BANG ZACCO A/S; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE

GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 D06L 1/02, 1/04, C11D 11/00, D06F 43/00, C11D 7/50 // 3/16

(11) WO 02/077356 (13) A1

(21) PCT/US02/04620

(22) 15 Feb/fév 2002 (15.02.2002)

(25) en (26) en

(30) 09/813,666 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • VAPOR PHASE SILOXANE DRY CLEANING PROCESS
• PROCEDE DE NETTOYAGE A SEC EN PHASE VAPEUR A BASE DE SILOXANES

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) PERRY, Robert, J.; 2115 Niskayuna Drive, Niskayuna, NY 12309 (US).
HUBBARD, Patricia, A.; 19 Crestview Drive, West Sand Lake, NY 12196 (US).

(74) WINTER, Catherine, J. et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 D06M

(11) WO 02/077357 (13) A2

(21) PCT/IL02/00088

(22) 31 Jan/jan 2002 (31.01.2002)

(25) en (26) en

(30) 142252 26 Mar/mar 2001 IL (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NOVEL PROCESS FOR THE MANUFACTURE OF SUPER FINE WOVEN WOOL FABRIC WITH SINGLE YARN IN THE WARP HAVING IMPROVED WEAVABILITY
• NOUVEAU PROCEDE DE PRODUCTION D'UN TISSU DE LAINE A TISSAGE ULTRAFIN AVEC UN SEUL FIL

DANS LA CHAÎNE PRÉSENTANT UNE MEILLEURE TISSABILITÉ

(71) **POLGAT TEXTILES CO. (1960) LTD.** [IL/IL]; Israel Pollak Rd. 44, Industrial Zone, P.O. Box 15, 82100 Kiryat Gat (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COHEN, Yacov** [IL/IL]; Seifan Street 50, 71908 Makkabim (IL). **PELMAN, Claudia** [IL/IL]; Mivtsa Nachshon 53/1, 84457 Beer-Sheva (IL).

(74) **LUZZATTO, Kfir** et al. / etc.; P.O. Box 5352, 84152 Beer-Sheva (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 D06M 15/03

(11) WO 02/077358 (13) A1

(21) PCT/EP02/02820

(22) 14 Mar/mar 2002 (14.03.2002)

(25) de (26) de

(30) 01107163.6 22 Mar/mar 2001 EP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • USE OF NANOCHITOSANES

• UTILISATION DE NANOCHITOSANES

(71) **COGNIS IBERIA S.L.** [ES/ES]; Poligono San Vicente, S/N, E-08755 Castellbisbal (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOMINGO, Marta** [ES/ES]; Av. Coll de Portell 41, 5^e 1a, E-08024 Barcelona (ES). **TACIES, Anna** [ES/ES]; Calle Valespir 157 4^e-3a, E-Barcelona (ES). **PI SUBIRANA, Rafael** [ES/ES]; C / Venezuela, 62, E-08400 Granollers (ES). **VILADOT PETIT, Josep-Lluís** [ES/ES]; Rbla. Poblenou 133, 2on-3a, E-08018 Barcelona (ES).

(74) **FABRY, Bernd**; Cognis Deutschland GmbH & Co. KG, CRT-IP, Postfach 13 01 64, 40551 Düsseldorf (DE).

(81) JP US.

(51)⁷ D06M 16/00, 23/12

(11) WO 02/077359 (13) A1

(21) PCT/EP02/02733

(22) 13 Mar/mar 2002 (13.03.2002)

(25) de (26) de

(30) 01107156.0 22 Mar/mar 2001 EP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR FINISHING FIBRES OR NONWOVENS IN AN ANTIMICROBIAL MANNER

• PROCÉDE D'APPRETAGE ANTIMICROBIEN DE FIBRES OU DE NON TISSÉS

(71) **COGNIS IBERIA S. L.** [ES/ES]; Poligono San Vicente, E-08755 Castellbisbal (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE MORAGAS, Maria** [ES/ES]; Carrer Sant Narcis n^o 28 baixos, E-08310 Argenton (ES). **VILADOT PETIT, Josep-Lluís** [ES/ES]; Rbla. Poblenou 133, 2on-3a, E-08018 Barcelona (ES).

(74) **FABRY, Bernd**; Cognis Deutschland GmbH & Co. KG, CRT-IP, Postfach 13 01 64, 40551 Düsseldorf (DE).

(81) JP US.

Published / Publiée : (c)

(51)⁷ D06M 16/00, 23/12

(11) WO 02/077360 (13) A1

(21) PCT/EP02/02738

(22) 13 Mar/mar 2002 (13.03.2002)

(25) de (26) de

(30) 01107166.9 22 Mar/mar 2001 EP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR ANTIMICROBIAL FINISHING FIBERS OR NONWOVEN FABRICS

• PROCÉDE POUR APPLIQUER UN APPRET ANTIMICROBIEN SUR DES FIBRES OU DES NON-TISSÉS

(71) **COGNIS IBERIA S.L.** [ES/ES]; Poligono San Vicente, E-08755 Castellbisbal (Barcelona) (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TACIES, Anna** [ES/ES]; Vallespir 157, 4^e-3a, Barcelona (ES). **VILADOT PETIT, Josep-Lluís** [ES/ES]; Rbla. poblenou 133, 2on-3a, E-08018 Barcelona (ES). **DOMINGO, Marta** [ES/ES]; Av. Coll de Portell 41, 5^e 1a, E-08024 Barcelona (ES). **PI SUBIRANA, Rafael** [ES/ES]; Venezuela, 62, E-08400 Granollers (ES).

(74) **FABRY, Bernd**; Cognis Deutschland GmbH & Co. KG, CRT-IP, Postfach 13 01 64, 40551 Düsseldorf (DE).

(81) JP US.

Published / Publiée : (c)

(51)⁷ D06P 1/20, 1/22, C09B 1/16, 1/56, 3/72

(11) WO 02/077361 (13) A1

(21) PCT/US02/08665

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/277,840 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DYED MICROFIBER TEXTILES

• TEXTILES EN MICROFIBRES TEINTES

(71, 72) **GANDHI, Kaushal** [IN/US]; 110 Moss-point Circle, Apt. #11, Spartanburg, SC 29303 (US). **GLOVER, Benjamin, H.** [US/US]; 100 Hallmark Lane, Easley, SC 29640 (US).

(74) **BACON, Jeffrey, E.**; Legal Department (M-495), P.O. Box 1926, 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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 D21F

(11) WO 02/077362 (13) A2

(21) PCT/EP02/03114

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 0107195.0 22 Mar/mar 2001 GB (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPROVEMENTS IN FABRIC SEAMS
• RACCORDS DE TISSU AMÉLIORÉS

(71) **VOITH FABRICS HEIDENHEIM GMBH & CO. KG** [DE/DE]; Kurze Strasse 11, 89522 Heidenheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALDRICH, William, Daniel** [US/US]; 5245 Quaker Road, Wilson, NC 27893 (US).

(74) **PHILLIPS, Patricia, M.** et al. / etc.; Wilson Gunn M'Caw, 41-51 Royal Exchange, Cross Street, 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 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 D21F 1/02

(11) WO 02/077363 (13) A1

(21) PCT/JP02/02492

(22) 15 Mar/mar 2002 (15.03.2002)

(25) ja (26) ja

(30) 2001-78374 19 Mar/mar 2001 JP (19.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TUBE BANK STRUCTURE, AND FLOW TUBE PRODUCING METHOD
• STRUCTURE DE FAISCEAU DE TUBES ET PROCÉDE DE FABRICATION DE TUBES D'ÉCOULEMENT

(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) FUJIKI, Keiichi [JP/JP]; c/o MIHARA RYOJU ENGINEERING CO., LTD., 1-1, Koto-buki-cho, Mihara-shi, Hiroshima 729-0328 (JP). MAKINO, Tetsuo [JP/JP]; C/O Paper & Printing Machinery Division, MITSUBISHI HEAVY INDUSTRIES, LTD., 5007, Itozaki-cho, Mihara-shi, Hiroshima 729-0393 (JP). IZAWA, Akimine [JP/JP]; C/O Paper & Printing Machinery Division, MITSUBISHI HEAVY INDUSTRIES, LTD., 5007, Itozaki-cho, Mihara-shi, Hiroshima 729-0393 (JP).

(74) TAKAHASHI, Masahisa; Room 1003, Ambassador Roppongi Buildings, 16-13, Roppongi 3-chome, Minato-ku, Tokyo 106-0032 (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 D21F 5/04, 7/00

(11) WO 02/077364 (13) A1

(21) PCT/FI02/00244

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 20010603 23 Mar/mar 2001 FI (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AN ARRANGEMENT OF A MEASURING BEAM IN A PAPER MACHINE AND A BLOW BOX
• DISPOSITIF DE FAISCEAU DE MESURE DE MACHINE A PAPIER ET DE CAISSON DE SOUFFLAGE

(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) MÄNTYLÄ, Markku [FI/FI]; Papinsaarentie 26, FIN-36200 Kangasala (FI). KUKKURAINEN, Matti [FI/FI]; Moisionkatu 1 A 1, FIN-33500 Tampere (FI). KOIVU, Jari [FI/FI]; Multiojankatu 28 G 55, FIN-33850 Tampere (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ D21H 19/20, C08L 57/12 // (C08L 57/12, 101:00)

(11) WO 02/077365 (13) A1

(21) PCT/US02/04904

(22) 19 Feb/fév 2002 (19.02.2002)

(25) en (26) en

(30) 09/814,403 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TRIGGERABLE POLYMER FORMULATION COMPRISING A CATIONIC POLYMER
• FORMULATION DE POLYMERES DECLENCHABLE CONTENANT UN POLYMERE CATIONIQUE

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) CHANG, Yihua; 14300 N.W. Greenwood Drive, Portland, OR 97229 (US). LANG, Frederick, J.; 1541 Whitetail Drive, Neenah, WI 54956 (US). CHEN, Franklin, M.; 4486 N.W. Chanticleer Drive, Apt. W4, Portland, OR 97229 (US). BRANHAM, Kelly, D.; 6661 Cross Road, Winneconne, WI 54986 (US). WANG, Kenneth, Y.; 292 Cutty Sark Way, Alpharetta, GA 30005 (US). SCHICK, Kim, G.; 527 1st Street, Menasha, WI 54952 (US). SCHULTZ, Walter, T.; N9560 Shepherd Lane, Appleton, WI 54915 (US).

(74) RICHARDS, Robert, E.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309 (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).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ E01B 7/06

(11) WO 02/077366 (13) A1

(21) PCT/EP02/03255

(22) 22 Mar/mar 2002 (22.03.2002)

(25) de (26) de

(30) 101 14 683.3 23 Mar/mar 2001 DE (23.03.2001)

(30) 101 16 120.4 30 Mar/mar 2001 DE (30.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SUPERSTRUCTURE SWITCHING DEVICE
• DISPOSITIF D'AIGUILLAGE DE VOIE FERREE

(71) BWG GMBH & CO. KG [DE/DE]; Wet-zlarer Strasse 101, 35510 Butzbach (DE). VAE AKTIENGESELLSCHAFT [AT/AT]; Rotenturmstrasse 5 - 9, A-1010 Wien (AT).
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(72, 75) BENENOWSKI, Sebastian [DE/DE]; Liebigstrasse 10a, 35510 Butzbach (DE). RECK, Torsten [DE/DE]; Finkenweg 4, 99867 Gotha (DE). CHRIST, Thomas [DE/DE]; Burgstrasse 9b, 99986 Oberdorla (DE).

(74) STOFFREGEN, Hans-Herbert; Friedrich-Ebert-Anlage 11b, 63450 Hanau (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 E01B 13/00, 3/00

(11) WO 02/077367 (13) A1

(21) PCT/NO02/00115

(22) 20 Mar/mar 2002 (20.03.2002)

(25) no (26) en

(30) 20011489 23 Mar/mar 2001 NO (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TIE
• TRAVERSE

- (71) LEIV EIRIKSSON NYFOTEK AS [NO/NO]; Postboks 1262, Pirsenteret, N-7462 Trondheim (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LÖHREN, Alf, Helge [NO/NO]; Brinken 9, N-7013 Trondheim (NO).
NORDAL, Rasmus, S. [NO/NO]; Oskar Wistings vei 18b, N-7020 Trondheim (NO).
- (74) CURO AS; Box 38, N-7231 Lundamo (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 E01C 11/22
(11) WO 02/077368 (13) A1
(21) PCT/US01/08967
(22) 21 Mar/mar 2001 (21.03.2001)
(25) en (26) en
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • MASS-PRODUCED PARKING STALL BUMPERS
• BUTOIRS DE PARC DE STATIONNEMENT PRODUITS EN SERIE
- (71) NUSIGN INDUSTRIES, LLC [US/US]; 6345 Balboa Blvd., #250, Encino, CA 91316 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SPILLER, David, V. [US/US]; 3615 Longridge Avenue, Sherman Oaks, CA 91423 (US).
- (74) ALTMAN, Daniel, E.; Knobbe, Martens, Olson and Bear, LLP, 620 Newport Center Drive, 16th Floor, Newport Beach, CA 92660 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E02B 9/08, F03B 13/16
(11) WO 02/077369 (13) A1
(21) PCT/JP02/02775
- (22) 22 Mar/mar 2002 (22.03.2002)
(25) ja (26) ja
(30) 2001-88011 26 Mar/mar 2001 JP (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • GYRO WAVE-ACTIVATED POWER GENERATOR AND WAVE SUPPRESSOR USING THE POWER GENERATOR
• GENERATRICE ELECTRIQUE ACTIONNEE PAR EFFET D'ONDE GYROSCOPIQUE, ET ABSORBEUR D'ONDE UTILISANT CETTE GENERATRICE
- (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) KANKI, Hiroshi [JP/JP]; 1646, Kanki, Higashikanki-cho, Kakogawa-shi, Hyogo 675-0057 (JP).
- (74) NAGASE, Shigeki; Oguro Bldg., 2-4-2, Sarugaku-cho, 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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 E02B 15/04, B63B 25/08
(11) WO 02/077370 (13) A1
(21) PCT/DE02/01001
(22) 20 Mar/mar 2002 (20.03.2002)
(25) de (26) de
(30) 101 15 302.3 28 Mar/mar 2001 DE (28.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD OF REMOVING AN OIL CARPET OR THE LIKE FROM A WATER SURFACE, AND CORRESPONDING DEVICE
• PROCEDE PERMETTANT D'ELIMINER UNE NAPPE DE PETROLE OU EQUIVALENT D'UNE SURFACE D'EAU ET DISPOSITIF CORRESPONDANT
- (71, 72) HAHN, Matthias [DE/DE]; Kurpfalzstr. 14, 67734 Katzweiler (DE).
- (74) BECKER, Bernd; Becker & Aue, Saarlandstrasse 66, 55411 Bingen (DE).
- (81) CA JP US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ E02D 3/054, 3/046
(11) WO 02/077371 (13) A1
(21) PCT/EP02/03454
- (22) 27 Mar/mar 2002 (27.03.2002)
(25) de (26) de
(30) 101 15 107.1 27 Mar/mar 2001 DE (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • DEPTH VIBRATOR
• APPAREIL POUR VIBRATION PROFONDE
- (71) VIBROFLOTATION B.V. [NL/NL]; Amsteldijk 166, 6th Floor, NL-1079 LH Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DEGEN, Alexander [DE/DE]; Hassenham 8, 84419 Schwindegg (DE).
DEGEN, Wilhelm [DE/US]; 1 Silver Crescent, Irvine CA 92612 (US).
- (74) BICKEL, Michael; Westphal, Mussgnug & Partner, Mozartstrasse 9, 80336 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 E02D 5/80, E21D 21/00
(11) WO 02/077372 (13) A1
(21) PCT/KR02/00479
(22) 21 Mar/mar 2002 (21.03.2002)
(25) ko (26) en
(30) 2001/15335 23 Mar/mar 2001 KR (23.03.2001)
(30) 2001/26495 15 May/mai 2001 KR (15.05.2001)
(30) 2001-15539(UM) 25 May/mai 2001 KR (25.05.2001)
(30) 2001/80184 17 Dec/déc 2001 KR (17.12.2001)
(30) 2001/80183 17 Dec/déc 2001 KR (17.12.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • WEDGE ASSEMBLY AND INTERNAL ANCHORAGE USING THE SAME
• ENSEMBLE BISEAU ET ANCRAGE INTERNE FAISANT APPEL AUDIT BISEAU
- (71) SAMWOO GEOTECH.CO [KR/KR]; 257-4, Dansan-dong 3 Ga, Yeongdeungpo-gu, 150-040 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) KIM, Kuk-il [KR/KR]; 110-403 Shinan APT, Nongzangmaul, 1224 Sawoo-dong, Gimpo-si, 415-733 Gyeonggi-do (KR).

(74) **JOO, Jong-Ho**; 2nd floor, Sunggok Bldg., 823-22, 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 E02D 17/08, 17/04

(11) WO 02/077373 (13) A1

(21) PCT/DE02/00998

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 101 13 818.0 21 Mar/mar 2001 DE (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BUILDING BOARD FOR TRENCH SHUTTERING
• PANNEAU DE CONSTRUCTION POUR LE BLINDAGE DE TRANCHEES

(71) **RICHTER, Wolfgang** [DE/DE]; Industries-trasse 1-3, 52393 Hürtgenwald (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RICHTER, Dirk** [DE/DE]; Stresemannstrasse 4, 52349 Düren (DE).

(74) **VON CREYTZ, Dietrich**; Tannenweg 25, 41844 Wegberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E03C 1/084

(11) WO 02/077374 (13) A1

(21) PCT/EP02/03359

(22) 26 Mar/mar 2002 (26.03.2002)

(25) de (26) de

(30) 101 15 639.1 26 Mar/mar 2001 DE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • WATER JET AERATOR (JET CONTROLLER)
• AERATEUR DE JET D'EAU (REGULATEUR DE JET)

(71) **HANSGROHE AG** [DE/DE]; Auestrasse 5-9, 77761 Schiltach (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DIETERLE, Joachim** [DE/DE]; Hausackerweg 4, 72290 Lossburg/Schömburg (DE). **SCHORN, Franz** [DE/DE]; Hansgrohestrasse 18, 77761 Schiltach (DE).

(74) **RUFF, WILHELM, BEIER, DAUSTER & PARTNER**; Postfach 10 40 36, 70035 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 E03D 1/01

(11) WO 02/077375 (13) A1

(21) PCT/KR02/00520

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ko (26) en

(30) 2001/15996 27 Mar/mar 2001 KR (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • WATER SUPPLYING AND DRAINING APPARATUS FOR A TOILET BOWL
• APPAREIL D'ALIMENTATION ET DE DRAINAGE D'EAU DESTINE A UNE CUVETTE DE TOILETTES

(71, 72) **KANG, Heung-Mook** [KR/KR]; 103-308, Mido Apt., 766-1, Sangkye-dong, Nowon-gu, Seoul 139-200 (KR).

(74) **NAM, Sang-Sun**; 8th Fl., The Korea Chamber of Commerce & Industry Bldg. #45, Namdaemoonno 4-ga, Jung-gu, Seoul 100-743 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E03D 1/14, 1/35, 3/12, F16K 31/22, 33/00

(11) WO 02/077376 (13) A1

(21) PCT/US01/22162

(22) 16 Jul/juil 2001 (16.07.2001)

(25) en (26) en

(30) 09/818,451 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ADVANCED DUAL-FLUSH VALVE

• DOUBLE SOUPAPE DE CHASSE AME-LIOREE

(71) **FLUIDMASTER, INC.** [US/US]; 30800 Rancho Viejo Road, San Juan Capistrano, CA 92675 (US).

(72) **HAN, Joseph**; 3726 Carmel Avenue, Irvine, CA 92606 (US). **MCKAY, John**; 601 Gardenia Avenue, Placentia, CA 92870 (US). **HAGGSTROM, Tracy, James**; 428 S. Eagles Point, Orange, CA 92869 (US). **MAIWANDI, Farid**; 26170 Laguna Court, #223, Laguna Hills, CA 92656 (US).

(74) **MYERS, Richard, L.**; Myers, Dawes & Andras LLP, Suite 1150, 19900 MacArthur Boulevard, Irvine, CA 92612 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 GW ML MR NE SN TD TG).

(51)⁷ E03D 3/10, 1/22

(11) WO 02/077377 (13) A2

(21) PCT/CH02/00167

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 554/01 26 Mar/mar 2001 CH (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FLUSHING DEVICE FOR A LAVATORY
• CHASSE D'EAU POUR TOILETTES

(71) **GEBERIT TECHNIK AG** [CH/CH]; Schachenstrasse 77, CH-8645 Jona (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GÜBELI, Albert** [CH/CH]; Gutenbergstrasse 26, CH-8640 Rapperswil (CH). **VON BALLMOOS, Mario** [CH/CH]; Erlenstrasse 109, CH-8645 Jona (CH).

(74) **GRONER, Mandred**; Isler & Pedrazzini AG, Gotthardstrasse 53, Postfach 6940, CH-8023 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 E03F 5/06

(11) WO 02/077378 (13) A1

(21) PCT/KR02/00482

(22) 21 Mar/mar 2002 (21.03.2002)

- (25) ko (26) en
- (30) 2001/7978 **22 Mar/mar 2001** KR
(22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DEVICE INSTALLED AT A DITCH ON A ROAD, TO PREVENT BACK FLOW OF SEWAGE AND MALODOR
- DISPOSITIF INSTALLE A UN CANIVEAU SUR UNE CHAUSSEE EN VUE D'ELIMINER LE REFOULEMENT D'EAUX USEES ET LES MAUVAISES ODEURS
- (71) MY'S TECH CO., LTD. [KR/KR]; Room 207, Dong Yang B.I. CTR, #62-160, Gocheok-dong, Guro-gu, Seoul 152-714 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIM, Jin-Hwan [KR/KR]; 201-103, Youngdeok Shinil Apartment 14-11, Youngdeok-ri, Giheung-eup, Yongin-city, Gyunggi-do 449-741 (KR).
- (74) JEONG, Hong-Sik; 8th Floor Daelim Building 1600-3, Seocho-dong, Seocho-gu, Seoul 137-877 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E03F 5/12
- (11) WO 02/077379 (13) A1
- (21) PCT/EP02/02388
- (22) 5 Mar/mar 2002 (05.03.2002)
- (25) de (26) de
- (30) 201 03 875.7 **7 Mar/mar 2001** DE
(07.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • WASTE WATER INSTALLATION WITH PURIFICATION DEVICE
- INSTALLATION D'EPURATION DES EAUX USEES EQUIPEE D'UN DISPOSITIF DE PURIFICATION
- (71) VOLLMAR GMBH [DE/DE]; König-Karl-Strasse 14, 70372 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOLB, Frank, Reiner [DE/DE]; Auf der Schanz 24, 71640 Ludwigsburg (DE).
- (74) BERGMEIER, Werner; Canzler & Bergmeier, Friedrich-Ebert-Strasse 84, 85055 Ingolstadt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 E04B 1/04
- (11) WO 02/077380 (13) A1
- (21) PCT/RO01/00021
- (22) 15 Nov/nov 2001 (15.11.2001)
- (25) en (26) en
- (30) a2001 00334 **22 Mar/mar 2001** RO
(22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DISPLACED STRUCTURES FOR TALL BUILDINGS AND POURING METHOD
- STRUCTURES DÉCALÉES POUR IMMEUBLES DE GRANDE HAUTEUR ET PROCÉDÉ DE COULÉE
- (71) LATA, Petru [RO/RO]; B-dul Mihail Kogalniceanu, bl. 4-9, Deva, Judet Hunedoara (RO).
- (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).
- Published / Publiée : (c)
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- (51)⁷ E04B 1/41, F16B 13/00
- (11) WO 02/077381 (13) A1
- (21) PCT/EP02/03331
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) de (26) de
- (30) 101 14 929.8 **26 Mar/mar 2001** DE
(26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SPACER FOR NON-LOAD BEARING VENEER WALLS AND METHOD FOR FASTENING SAID SPACER
- ESPACEUR DESTINE A DES FAÇADES DE PAREMENT NON PORTEUSES ET PROCEDE DE FIXATION
- (71) LIKOSAR, FERDINAND UND LIKOSAR, JULIANE MAGDALENA [AT/AT]; Hauptstrasse 16, A-6719 Bludesch (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) LIKOSAR, Ferdinand [AT/AT]; Hauptstrasse 16, A-6719 Bludesch (AT).
- (74) RIEBLING, Peter; Postfach 31 60, 88113 Lindau/B. (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM
- DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 E04C 2/24, E04B 1/76
- (11) WO 02/077382 (13) A1
- (21) PCT/US02/09164
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (30) 60/279,162 **27 Mar/mar 2001** US
(27.03.2001)
- (30) Not furnished / non communiqué **27 Mar/mar 2002** US
(27.03.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • STRUCTURAL INSULATED SHEATHING AND RELATED SHEATHING METHODS
- GAINAGE ISOLANT STRUCTUREL ET PROCEDES DE GAINAGE ASSOCIES
- (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) RUSEK, Stanley, J., Jr. [US/US]; 155 Victoria Drive, Granville, OH 43023 (US).
DEVALAPURA, Ravi, K. [IN/US]; 4009 McClay Avenue, Columbus, OH 43230 (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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 E04C 2/30
- (11) WO 02/077383 (13) A1
- (21) PCT/RU02/00026
- (22) 24 Jan/jan 2002 (24.01.2002)
- (25) ru (26) ru
- (30) 2001108466 **27 Mar/mar 2001** RU
(27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • BUILDING MODULAR BLOCK
- UNITE MODULAIRE DE CONSTRUCTION

(71, 72) **TSURIKOV, Alexandr Mikhailovich** [RU/RU]; ul. Koltsova, 72-1, St.Petersburg, 194214 (RU).

(74) **SANDIGURSKY, Oleg Lvovich**; a/ya 40, St.Petersburg, 191040 (RU).

(81) AT DE ES FI HU JP NO SI 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 E04C 2/52, E04B 5/48

(11) WO 02/077384 (13) A1

(21) PCT/EP02/02934

(22) 16 Mar/mar 2002 (16.03.2002)

(25) de (26) de

(30) 101 14 340.0 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR PRODUCING A CONCRETE ELEMENT AND A CONCRETE ELEMENT PART

• PROCEDE POUR PRODUIRE UN ELEMENT EN BETON ET UNE PARTIE D'ELEMENT EN BETON

(71) **REHAU AG + CO** [DE/DE]; Rheniumhaus, 95111 Rehau (DE).

(72) **KOCH, Klaus, Paul**; Rehau AG + Co, 95111 Rehau (DE). **HERRMANN, Henry**; Rehau AG + Co, 95111 Rehau (DE). **KÜBLER, Rainer**; Rehau AG + Co, 95111 Rehau (DE).

(81) BA BG BY CN CZ EE HR HU JP LT LV NO PL RO RU SI SK TR UA YU.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ E04C 3/16

(11) WO 02/077385 (13) A1

(21) PCT/SE02/00495

(22) 15 Mar/mar 2002 (15.03.2002)

(25) sv (26) en

(30) 0101059-4 26 Mar/mar 2001 SE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • JUNCTION BETWEEN WOODEN CONSTRUCTION ELEMENTS

• ASSEMBLAGE ENTRE ELEMENTS DE CONSTRUCTION EN BOIS

(71) **MARTINSSONS TRÄ AB** [SE/SE]; S-937 80 Bygdsiljum (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINDGREN, Greger** [SE/SE]; Skol-gatan 21, S-937 31 Burträsk (SE).

(74) **ÅSTRÖM, Mikael** et al. / etc.; Stockholms Patentbyrå Zacco AB, Box 23101, S-104 35 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 E04C 5/01

(11) WO 02/077386 (13) A1

(21) PCT/GB02/01402

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 0107315.4 23 Mar/mar 2001 GB (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROCESS FOR MANUFACTURING CORROSION RESISTANT METAL PRODUCTS

• PROCEDE DE FABRICATION DE PRODUITS METALLIQUES RESISTANT A LA CORROSION

(71) **HARDY, Harmon, Sidney** [US/US]; 5515 Meadow Crest Drive, Dallas, TX 75220 (US). (for all designated States except / pour tous les États désignés sauf US)

(71, 72) **CACACE, Antonino, Giorgio** [IT/GB]; Crud Y Gwynt, Caswell, Swansea, West Glamorgan SA 33BU (GB).

(74) **CACACE, Antonino, Giorgio**; Crud Y Gwynt, Caswell, Swansea, West Glamorgan SA 33BU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 E04F 15/00, B44C 1/22, C04B 41/53

(11) WO 02/077387 (13) A1

(21) PCT/SG01/00073

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A FLOOR SURFACE AND A METHOD OF TREATMENT THEREOF

• SURFACE DE PLANCHER ET PROCEDE DE TRAITEMENT CORRESPONDANT

(71, 72) **TIEN, Voon, Kwong** [SG/SG]; Blk 224, Pasir Ris St 21 #07-134, Singapore 510224 (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 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 E04F 15/04, 15/22

(11) WO 02/077388 (13) A1

(21) PCT/EP02/03105

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 101 14 919.0 26 Mar/mar 2001 DE (26.03.2001)

(30) 01126275.5 6 Nov/nov 2001 EP (06.11.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONNECTING SYSTEM FOR MOBILE SPORTING FLOORINGS

• SYSTEME DE RACCORDEMENT POUR PLANCHERS MOBILES DESTINES A DES ACTIVITES SPORTIVES

(71) **HOLZ-SPECKMANN GMBH** [DE/DE]; Weststrasse 15, 33790 Halle (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHWICKART, Alwin** [DE/DE]; Bachstelzenweg 10, 33607 Bielefeld (DE). **BRINKKÖTTER, Dieter** [DE/DE]; Rolandstrasse 17, 33790 Halle (DE).

(74) **DANTZ, Jan** et al. / etc.; Jöllenbecker Strasse 164, 33613 Bielefeld (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DE (Utility model / modèle d'utilité) DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 E04F 15/08, 15/02

(11) WO 02/077389 (13) A1

(21) PCT/DE02/00555

(22) 15 Feb/fév 2002 (15.02.2002)

(25) de (26) de

(30) 101 14 924.7 26 Mar/mar 2001 DE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FLOOR MADE FROM INDIVIDUAL ELEMENTS

• SOL CONSTITUE D'ELEMENTS INDIVIDUELS

(71, 72) **KELLNER, Peter** [DE/DE]; Schillerstrasse 3, 36269 Philippssthal (DE).

(74) **LIEDTKE, Klaus**; Postfach 10 19 16, 99019 Erfurt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 E04F 21/18

(11) WO 02/077390 (13) A1

(21) PCT/DE02/00926

(22) 13 Mar/mar 2002 (13.03.2002)

(25) de (26) de

(30) 201 05 400.0 27 Mar/mar 2001 DE (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AUXILIARY ASSEMBLY DEVICE FOR FIXING A STRAPPING FOR RECEIVING WALL OR CEILING COVERINGS

• DISPOSITIF AUXILIAIRE DE MONTAGE PERMETTANT LA FIXATION D'UNE SOUS-STRUCTURE DESTINÉE A RECEVOIR DES REVETEMENTS MURAUX OU DE TOITURE

(71, 72) WEITZMANN, Eugen [DE/DE]; August-Bebel-Strasse 6, 01945 Grünewald (DE).

(74) HEYNER, Klaus; Mittelweg 1h, 01728 Bannewitz (DE).

(81) AT (Utility model / modèle d'utilité) BA BG BY CN CZ DE (Utility model / modèle d'utilité) EE GE HR HU IL JP KG LT LV NO NZ PL RO RU SI SK TJ TM UA US UZ YU ZA.

(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 E04G

(11) WO 02/077391 (13) A2

(21) PCT/US02/08820

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/278,062 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MANUFACTURED REINFORCED CONCRETE SYSTEM

• SYSTEME DE BETON ARME MANUFACTURE

(71, 72) RADEMACHER, John, B. [US/US]; 2165 Oak Haven Court, Hermitage, PA 16148 (US).

(74) JOHNSON, Barbara, E. et al. / etc.; Webb Ziesenheim Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

(81) AE AG AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY

BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 E04G 1/26

(11) WO 02/077392 (13) A1

(21) PCT/SE02/00240

(22) 13 Feb/fév 2002 (13.02.2002)

(25) sv (26) en

(30) 0101069-3 27 Mar/mar 2001 SE (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE FOR HUMAN PROTECTION IN SCAFFOLDING

• DISPOSITIF DE PROTECTION DE PERSONNES SUR UN ECHAFAUDAGE

(71) PLUSEIGHT SAFETY AB [SE/SE]; Box 10, S-430 63 Hindås (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WALLTHER, Harry [SE/SE]; Limmerhultsvägen 60, S-430 63 Hindås (SE).

(74) ANDERSSON, Per et al. / etc.; Albihns Göteborg AB, Box 142, S-401 22 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 E04G 1/34, 1/28

(11) WO 02/077393 (13) A1

(21) PCT/HU02/00022

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) P 01 01163 22 Mar/mar 2001 HU (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FITTING SCAFFOLD

• ECHAFAUDAGE REGLABLE

(71, 72) MELIS Zoltán [HU/HU]; H-5900 Orosháza, Búza u. 6. (HU).

(74) FABER Eniko; Advopotent Office of Patent and Trademark, Attorneys, H-1011 Budapest, Fo u. 19., (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 CH CY DE DK ES FI FR GB GR IE IT 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 E04G 13/06, B28B 7/22

(11) WO 02/077394 (13) A1

(21) PCT/FR02/01075

(22) 27 Mar/mar 2002 (27.03.2002)

(25) fr (26) fr

(30) 0104147 28 Mar/mar 2001 FR (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MECHANISM FOR SIMULTANEOUSLY ADJUSTING THE STEP SUPPORT ANGLES OF A STRAIGHT STAIRCASE

• MÉCANISME DE RÉGLAGE SIMULTANÉ D'ANGLES DE SUPPORTS D'EMMARCHEMENT D'ESCALIER DROIT

(71, 72) CHOQUET, Bernard [FR/FR]; 79bis, boulevard d'Armentières, F-59100 Roubaix (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ E04H

(11) WO 02/077395 (13) A2

(21) PCT/NL02/00093

(22) 13 Feb/fév 2002 (13.02.2002)

(25) nl (26) en

(30) 1017350 13 Feb/fév 2001 NL (13.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FOUNDATION FOR GREENHOUSES AND THE LIKE
• FONDATIONS POUR SERRES ET ANA-LOGUE

(71) PREPOTON/PANELCRAFT GROEP BV [NL/NL]; Postbus 8, NL-4040 DA Kesteren (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN SOMMEREN, Gerardus, Franciscus, Johannes [NL/NL]; Postbus 8, NL-4040 DA Kesteren (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04H 3/12, 3/28, E04G 1/15

(11) WO 02/077396 (13) A1

(21) PCT/DE02/01043

(22) 22 Mar/mar 2002 (22.03.2002)

(25) de (26) de

(30) 101 14 679.5 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM OF STRUCTURAL COMPONENTS FOR PODIUMS/STAGES AND/OR STANDS AND/OR ROSTRUMS
• SYSTEME DE COMPOSANTS POUR PODIUMS/PLATES-FORMES ET/OU TRIBUNES ET/OU ESTRADES

(71) WILHELM LAYHER VERMÖGENSVERWALTUNGS - GMBH [DE/DE]; Ochsenbacher Strasse 56, 74363 Güglingen-Eibensbach (DE).
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(72, 75) KRELLER, Helmut [DE/DE]; Wagner-Strasse 31, 74906 Bad Rappenau (DE).

(74) CLEMENS, Gerhard et al. / etc.; Lerchenstrasse 56, 74074 Heilbronn (DE).

(81) BR CN JP RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : BR CN JP RU 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 E04H 12/08

(11) WO 02/077397 (13) A1

(21) PCT/EP02/02931

(22) 16 Mar/mar 2002 (16.03.2002)

(25) de (26) de

(30) 101 14 431.8 23 Mar/mar 2001 DE (23.03.2001)

(30) 101 26 049.0 29 May/mai 2001 DE (29.05.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONNECTING FLANGE FOR TUBULAR COMPONENTS

• BRIDE DE RACCORDEMENT POUR ELEMENTS TUBULAIRES

(71, 72) WOBLEN, Aloys [DE/DE]; Argestrasse 19, 26607 Aurich (DE).

(74) GÖKEN, Klaus, G.; 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 E04H 12/12, 12/00

(11) WO 02/077398 (13) A1

(21) PCT/KR02/00498

(22) 25 Mar/mar 2002 (25.03.2002)

(25) ko (26) en

(30) 2001/0015812 26 Mar/mar 2001 KR (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • POLE OF GOLF EXERCISE SITE
• POTEAU DESTINÉ À UN TERRAIN DE PRATIQUE DU GOLF

(71, 72) KIM, Si-Myung [KR/KR]; Hyundai Heiz Villa A-301, No. 106-34, Jung-gok-dong, Kwangjin-gu, Seoul 143-220 (KR).

(74) LEE, Young-Wha; No.904 Poonglim Bldg., 823 Yeogsam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AM CN ES GB JP.

(51)⁷ E05B 39/00, 41/00, 47/00, G08B 13/08, 29/08

(11) WO 02/077399 (13) A1

(21) PCT/NZ02/00040

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) PR 3925 26 Mar/mar 2001 AU (26.03.2001)

(30) PR 5849 21 Jun/juin 2001 AU (21.06.2001)

(30) PR 7977 28 Sep/sep 2001 AU (28.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BUILDING SECURITY INCORPORATING LOCK & LATCH WITH ELECTRIC AND/OR MAGNETIC PATHWAY ACROSS LOCK.

• SECURITE DE BATIMENTS COMPRENANT DES VERROUS ET DES SERURES DE PORTES A VOIE MAGNETIQUE ET/OU ELECTRIQUE DANS LE VERROU

(71, 72) THOMPSON, David, Russell [NZ/NZ]; 1031 High Street, Avalon, Lower Hutt (NZ).

(74) WEST-WALKER, Gregory, J. et al. / etc.; A J Park, 6th Floor Huddart Parker Building, 1 Post Office Square, Post Office Square, P.O. Box 949, Wellington 6015 (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) E05B 47/00

(11) WO 02/077400 (13) A2

(21) PCT/NZ02/00041

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) PR 3925 26 Mar/mar 2001 AU (26.03.2001)

(30) PR 5849 21 Jun/juin 2001 AU (21.06.2001)

(30) PR 7977 28 Sep/sep 2001 AU (28.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPROVEMENTS RELATING TO SECURITY OF, AND STRATEGIES FOR EXITING, LOCKABLE ENCLOSURES
• PERFECTIONNEMENTS APPORTES A LA SECURITE ET A LA STRATEGIE POUR DES ENCEINTES DE SORTIE VERROUILLABLES

(71, 72) THOMPSON, David, Russell [NZ/NZ]; 1031 High Street, Avalon, Lower Hutt (NZ).

(74) WEST-WALKER, Gregory J 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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 E05B 49/00, B60R 25/00, G08B 21/00

(11) WO 02/077401 (13) A1

(21) PCT/JP01/02504

(22) 27 Mar/mar 2001 (27.03.2001)

- (25) ja (26) ja
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • KEY CONTROLLER AND KEY CONTROLLING METHOD
 • CONTROLEUR DE CLE ET PROCEDE DE COMMANDE DE CLE
 (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) SAKAI, Kenji [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) 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 E06B

(11) WO 02/077402 (13) A2

(21) PCT/US02/08567

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/277,585 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • THRESHOLD ASSEMBLY WITH FLEXIBLE WATERTIGHT FOAM CAP SEAL
 • ENSEMBLE DE SEUIL A ELEMENT ETANCHE COUVRANT EN MOUSSE, SOUPLE ET ETANCHE A L'EAU
 (71) ENDURA PRODUCTS, INC. [US/US]; 8817 West Market Street, Colfax, NC 27235 (US).
 (72) BENNETT, Joel, S.; 4108 West Friendly Avenue, Greensboro, NC 27410 (US).
 (74) MCGURK, Thomas, B.; Womble Carlyle Sandridge & Rice, PLLC, P.O. Box 7037, Atlanta, GA 30357-0037 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 5/16, E04B 1/94, C09K 21/00

(11) WO 02/077403 (13) A1

(21) PCT/GB02/01273

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(30) 0107161.2 22 Mar/mar 2001 GB (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FIRE DOORS AND PANELS

• PANNEAUX ET PORTES COUPE-FEU

(71) ENVIRONMENTAL SEALS LTD [GB/GB]; Envirograf House, Barfreston, Nr. Dover, Kent CT15 7JG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WARD, Derek, Alfred [GB/GB]; Warcott Lodge, Roman Load, Maydensole, Dover, Kent CT15 5HR (GB).

(74) FRY, Alan, Valentine et al. / etc.; Fry Heath & Spence, The Old College, 53 High Street, Horley, Surrey RH6 7BN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 E21B

(11) WO 02/077404 (13) A2

(21) PCT/US02/08414

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 60/277,577 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS OF GIRTH WELDING HIGH STRENGTH STEEL PIPES TO ACHIEVE PIPELINE CRACK ARRESTABILITY

• PROCEDES DE SOUDAGE CIRCULAIRE DE TUYAUX EN ACIER HAUTEMENT RESISTANTS PERMETTANT D'OBTENIR UNE CAPACITE D'ARRET DE FISSURATION DE CANALISATION

(71) EXXONMOBIL UPSTREAM RESEARCH COMPANY [US/US]; P.O. Box 2189, Houston, TX 77252-2189 (US).

(72) FAIRCHILD, Douglas, P.; 4814 Scot Court, Sugar Land, TX 77479 (US). PETERSEN, Clifford, W.; 3602 Boca Court, Missouri City, TX 77459 (US). PAPA, Scott, D.; 4911 Winding River Drive, Sugar Land, TX 77478 (US). MACIA, Mario, L.; 5107 Evergreen, Bellaire, TX 77401 (US).

(74) HOEFLING, Marcy, M. et al. / etc.; ExxonMobil Upstream Research Company, P.O. Box 2189, Houston, TX 77252-2189 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ E21B

(11) WO 02/077405 (13) A2

(21) PCT/US02/08827

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/277,752 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PIPELINE INSPECTION SYSTEM

• SYSTEME DE CONTROLE DE PIPELINES

(71) MIRANT INTERNATIONAL ASSET MANAGEMENT AND MARKETING, LLC [US/US]; 1155 Perimeter Center West, Suite 100, Atlanta, GA 30338 (US).

(72) MASANIELLO, Richard; 922 Riva Ridge Drive, Great Falls, VA 222066 (US). JOHNSTON, Dennis; 305 Bryant Avenue, Worthington, OH 43085 (US). CHRISTOFFERSEN, Stephen; 9618 Verdier Drive, Vienna, VA 22181 (US). TURNER, Arthur; 5225 Capon Hill Place, Burke, VA 22015 (US). BROUSSARD, John; 12425 Willow Falls Drive, Herndon, VA 20170 (US). KIEFNER, John; 5812 Olentangy Blvd, Worthington, OH 43085 (US).

(74) SCHNEIDER, Ryan, A.; Troutman Sanders LLP, Suite 5200, 600 Peachtree Street, Atlanta, GA 30308-2216 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES

FI FR GB GR IE IT 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 E21B 7/26, 10/40, 4/14

(11) WO 02/077406 (13) A1

(21) PCT/EP02/02870

(22) 14 Mar/mar 2002 (14.03.2002)

(25) de (26) de

(30) 101 12 985.8 17 Mar/mar 2001 DE
(17.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PERCUSSION DRILL HEAD

• TETE DE FOREUSE A PERCUSSION

(71) TRACTO-TECHNIK GMBH [DE/DE];
Reiherstrasse 2, 57368 Lennestadt (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) HOFMANN, Frank [DE/DE]; Repetal-
strasse 165, 57439 Attendorn (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 DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG US
UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 E21B 10/16

(11) WO 02/077407 (13) A1

(21) PCT/US02/09533

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/278,865 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ROCK DRILL BITS, METHODS, AND
SYSTEMS WITH TRANSITION-OPTI-
MIZED TORQUE DISTRIBUTION

• FLEURETS DE PERFORATRICE ET
PROCEDES ET SYSTEMES DE DIS-
TRIBUTION DE COUPLE A TRANSI-
TION OPTIMISEE

(71) HALLIBURTON ENERGY SERVICES,
INC. [US/US]; 10200 Bellaire Blvd, Hous-
ton, TX 77072-5299 (US).

(71, 72) GLASS, Kevin, L. [US/US]; 1823
W. Welsford, Spring, TX 77386 (US).
MATTHEWS, Oliver, III [US/US]; 6822
Peace River Drive, Spring, TX 77379 (US).

(74) GROOVER, Robert; Groover & Associates,
17000 Preston Road, Suite 230, Dallas, TX
75248 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 E21B 21/06, B01F 3/12

(11) WO 02/077408 (13) A1

(21) PCT/EP02/02982

(22) 19 Mar/mar 2002 (19.03.2002)

(25) de (26) de

(30) 101 15 560.3 28 Mar/mar 2001 DE
(28.03.2001)

(30) 101 33 181.9 7 Jul/juil 2001 DE
(07.07.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BORING MEDIUM MIXING DEVICE

• DISPOSITIF DE MELANGE POUR MI-
LIEUX DE FORAGE

(71) TRACTO-TECHNIK GMBH [DE/DE];
Reiherstr. 2, 57368 Lennestadt (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) PÜTTMANN, Franz-Josef [DE/DE];
Winterbergerstr. 52, 57368 Lennestadt (DE).

(74) KÖNIG, Reimar et al. / etc.; Lohengrinstr.
11, 40549 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG US
UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 E21B 23/04, 23/06

(11) WO 02/077409 (13) A1

(21) PCT/GB02/01052

(22) 7 Mar/mar 2002 (07.03.2002)

(25) en (26) en

(30) 09/819,013 27 Mar/mar 2001 US
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RUNNING TOOL AND WELLBORE
COMPONENT ASSEMBLY

• OUTIL DE POSE ET ENSEMBLE COM-
POSANT POUR PUIITS

(71) WEATHERFORD/LAMB, INC. [US/US];
515 Post Oak Blvd, Suite 600, Houston, TX
77027 (US).

*(for all designated States except / pour tous
les États désignés sauf US)*

(71) HARDING, Richard, Patrick [GB/GB];
Marks & Clerk, 4220 Nash Court, Oxford
Business Park South, Oxford, Oxfordshire
OX4 2RU (GB).

(only for / seulement pour IS)

(72, 75) HOFFMAN, Corey, E. [US/US]; 10423
Crestwater Circle, Magnolia, TX 77384 (US).
WILSON, Paul [US/US]; 3911 Pinesbury,
Houston, TX 77084 (US). ELLIS, Jason
[US/US]; 18007 Heaton Drive, Houston, TX
77084 (US).

(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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 E21B 33/136

(11) WO 02/077410 (13) A1

(21) PCT/NO02/00124

(22) 25 Mar/mar 2002 (25.03.2002)

(25) no (26) en

(30) 2001 1529 26 Mar/mar 2001 NO
(26.03.2001)

(30) 2001 2867 11 Jun/juin 2001 NO
(11.06.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LIQUID SEPARATION DEVICE

• DISPOSITIF DE SEPARATION DE LI-
QUIDES

(71) PERIGON DA [NO/NO]; Strandbakken 5,
N-4070 RANDABERG (NO).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) ÅREBRÅT, Per, Arild [NO/NO]; Øvre
Sandviksv. 16, N-4016 STAVANGER (NO).

(74) HÅMSØ PATENTBYRÅ ANS; P.O. Box
171, N-4302 SANDNES (NO).

(81) AE AG AL AM AT AT (Utility model /
modèle d'utilité) AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ CZ (Utility
model / modèle d'utilité) DE DE (Utility
model / modèle d'utilité) DK DK (Utility
model / modèle d'utilité) DM DZ EC EE EE
(Utility model / modèle d'utilité) ES FI FI
(Utility model / modèle d'utilité) GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD
MG MK MN MW MX MZ NO NZ OM PH
PL PT RO RU SD SE SG SI SK SK (Utility
model / modèle d'utilité) SL TJ TM TN TR
TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES

FI FR GB GR IE IT 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 E21B 43/10, 33/134

(11) WO 02/077411 (13) A1

(21) PCT/GB02/01395

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/818,119 27 Mar/mar 2001 US
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CREATION OF A DOWNHOLE SEAL
• CREATION D'UN SCELLEMENT DE
FOND DE TROU

(71) WEATHERFORD/LAMB, INC. [US/US];
515 Post Oak Blvd, Suite 600, Houston, TX
77027 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(71) HARDING, Richard, Patrick [GB/GB];
Marks & Clerk, 4220 Nash Court, Oxford
Business Park South, Oxford, Oxfordshire
OX4 2RU (GB).
(only for / seulement pour IS)

(72, 75) LAURITZEN, J., Eric [US/US]; 1607
Stoney Park Drive, Kingwood, TX 77339
(US).

(74) HARDING, Richard, Patrick et al. / etc.;
Marks & Clerk, 4220 Nash Court, Oxford
Business Park South, Oxford, Oxfordshire
OX4 2RU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 E21B 43/36, 43/12

(11) WO 02/077412 (13) A1

(21) PCT/US02/09522

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 09/818,110 27 Mar/mar 2001 US
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PASSIVE LOW PRESSURE FLASH
GAS COMPRESSION SYSTEM
• SYSTEME DE COMPRESSION DE GAZ
ECLAIR BASSE PRESSION PASSIF

(71) CONOCO, INC. [US/US]; 600 North Dairy
Ashford, Houston, TX 77079 (US).

(72) CHOI, Michael, S.; 18302 Forest Town
Drive, Houston, TX 77084 (US). COLLINS,
James, N.; 3210 Clearwater Park Drive,
Katy, TX 77450-5760 (US).

(74) ROSENTHAL, Alan, D. et al. / etc.; Rosen-
thal & Osha L.L.P., Suite 2800, 1221 McKin-
ney Street, 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 CH CY DE DK ES
FI FR GB GR IE 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)

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations

(t) for all designations / pour toutes les
désignations

(51)⁷ E21B 47/12, G01V 1/22, 1/40

(11) WO 02/077413 (13) A1

(21) PCT/US01/09917

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • VERY HIGH DATA RATE TELEMETRY
SYSTEM FOR USE IN A WELLBORE
• SYSTEME DE TELEMESURE A DEBIT
BINAIRE TRES ELEVE POUR PUITES
DE FORAGE

(71) HALLIBURTON ENERGY SERVICES,
INC. [US/US]; 2601 Beltline Road, Carroll-
ton, TX 75006 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GARDNER, Wallace, R. [US/US];
15414 Camino Del Sol, Houston, TX 77083
(US). SCHULTZ, Roger, L. [US/US]; 4792
Red Oak Circle, Aubrey, TX 76227 (US).

(74) SMITH, Marlin, R.; Konneker & Smith,
P.C., 660 North Central Expressway, Suite
230, Plano, TX 75074 (US).

(81) AE AG AL AM AT AT (Utility model /
modèle d'utilité) AU AZ BA BB BG BR BY
BZ CA CH CN CR CU CZ CZ (Utility model /
modèle d'utilité) DE DE (Utility model /
modèle d'utilité) DK DK (Utility model /
modèle d'utilité) DM DZ EE EE (Utility
model / modèle d'utilité) ES FI FI (Utility
model / modèle d'utilité) GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU
SD SE SG SI SK SK (Utility model / modèle
d'utilité) 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 E21C 41/16

(11) WO 02/077414 (13) A1

(21) PCT/IB02/00855

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 2001/2412 23 Mar/mar 2001 ZA
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AN EXCAVATION METHOD
• PROCEDE D'EXCAVATION

(71, 72) HODGKINSON, Barry, Anthony
[ZA/ZA]; Sandfontein Farm, BOONS 2807,
Northern Province (ZA).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GAVRILOVIC, Mihailo [US/US];
17301 West Colfax Avenue, Suite 170,
Golden, CO 80401 (US). BRANSON, Jef-
frey, William [ZA/AU]; Lot 333, Harries
Way, Pinjarra, W.A. 6208 (AU).

(74) JOHN & KERNICK; P.O. Box 3511,
Halfway House 1685 (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 F01B 3/02, 13/04, 21/02, F03C 1/253,
F04B 1/22

(11) WO 02/077415 (13) A1

(21) PCT/JP02/01987

(22) 5 Mar/mar 2002 (05.03.2002)

(25) ja (26) ja

(30) 2001-061423 6 Mar/mar 2001 JP
(06.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • EXPANSION MACHINE
• MACHINE DE DETENTE

(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) UDA, Makoto [JP/JP]; c/o Kabushiki
Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo
1-chome, Wako-shi, Saitama 351-0193 (JP).
MAKINO, Hiroyuki [JP/JP]; c/o Kabushiki
Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo
1-chome, Wako-shi, Saitama 351-0193 (JP).
OHSONO, Kouhei [JP/JP]; c/o Kabushiki
Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo
1-chome, Wako-shi, Saitama 351-0193 (JP).

(74) OCHIAI, Takeshi et al. / etc.; TO Build-
ing, 6-3, Taito 2-chome, Taito-ku, Tokyo 110-
0016 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH 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 F01C 21/10, F04C 2/08, 15/00

(11) WO 02/077416 (13) A2

(21) PCT/US02/07849

(22) 14 Mar/mar 2002 (14.03.2002)

(25) en (26) en

(30) 60/277,576 21 Mar/mar 2001 US (21.03.2001)

(30) 10/097,475 13 Mar/mar 2002 US (13.03.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CENTER DRIVEN PRESSURE CLAMPED PUMP

• POMPE HYDRAULIQUE A SERRAGE PAR PRESSION ET A ENTRAINEMENT PAR LE CENTRE

(71, 72) EWALD, Dennis, G. [US/US]; 15950 East Big Mound Road, Lindenwood, IL 61049 (US).

(74) CROWE, Lawrence, E.; 308 North Walnut Street, P.O. Box 146, Lindenwood, IL 61049 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 F01D

(11) WO 02/077417 (13) A2

(21) PCT/IB02/00879

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 2001/2460 26 Mar/mar 2001 ZA (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A METHOD OF OPERATING A TURBINE AND A GAS TURBINE

• PROCEDE DE FONCTIONNEMENT D'UNE TURBINE ET TURBINE A GAZ

(71) PEBBLE BED MODULAR REACTOR (PROPRIETARY) LIMITED [ZA/ZA]; 3rd Floor, Lake Buena Vista Building, 1267 Gordon Hood Avenue, Centurion Centre, 0046 Centurion (ZA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PENFIELD, Scott, Robert [US/US]; 9 Overlook Lane, Carthage, TN 37030 (US).

(74) MACKENZIE, Colin; 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 CH CY DE DK ES FI FR GB GR IE IT 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 F01D 5/28, C23C 30/00, C09C 3/06, C04B 41/50

(11) WO 02/077418 (13) A1

(21) PCT/US02/08707

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,102 23 Mar/mar 2001 US (23.03.2001)

(30) 09/990,640 21 Nov/nov 2001 US (21.11.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ENVIRONMENTAL AND THERMAL BARRIER COATING FOR CERAMIC COMPONENTS

• REVETEMENT FORMANT BARRIERE ENVIRONNEMENTALE ET THERMIQUE POUR COMPOSANTS EN CERAMIQUE

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) LI, Chien-Wei; 11 Crescent Road, Livingston, NJ 07039 (US). RAYBOULD, Derek; 2 Horizon Drive, Denville, NJ 07834 (US).

(74) CRISS, Roger, H. et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ F01K 21/04, 23/06

(11) WO 02/077419 (13) A1

(21) PCT/IB02/00748

(22) 6 Mar/mar 2002 (06.03.2002)

(25) en (26) en

(30) 60/278,213 23 Mar/mar 2001 US (23.03.2001)

(30) 09/942,269 28 Aug/août 2001 US (28.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INTEGRATED AIR SEPARATION AND POWER GENERATION PROCESS

• PROCEDE INTEGRE DE SEPARATION D'AIR ET DE PRODUCTION D'ENERGIE

(71) L'AIR LIQUIDE - SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE [FR/FR]; 75, quai d'Orsay, F-75321 Paris (FR).

(72) MARIN, Ovidu; 2040 Carriage Hill Road, Lisle, IL 60532 (US). MARICOURT, Jean-Pierre; 22 S. Oak Park Avenue, Oak Park, IL 60302 (US). CHARON, Olivier; 17 rue Saint Dizier, F-54000 Nancy (FR). DI ZANNO, Pietro; 38 rue Amedee Dufaure, F-92500 Rueil Malmaison (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)⁷ F01K 23/10

(11) WO 02/077420 (13) A1

(21) PCT/IB02/00851

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 15 131.4 27 Mar/mar 2001 DE (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR IMMEDIATELY, RAPIDLY AND TEMPORARILY INCREASING THE OUTPUT OF A COMBINED POWER STATION

• PROCEDE D'AUGMENTATION IMMEDIATE, RAPIDE ET TEMPORAIRE DE LA PUISSANCE D'UNE CENTRALE MIXTE

(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) LIEBIG, Erhard [DE/DE]; Fridolin-Lauber-Strasse 19, 79725 Laufenburg (DE).

(74) ALSTOM (SWITZERLAND) LTD; CHSP Intellectual Property, Brown Boveri Str. 7/699/5, CH-5401 Baden (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES

FI FR GB GR IE 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 F01L 9/02

(11) WO 02/077421 (13) A2

(21) PCT/DE02/00947

(22) 16 Mar/mar 2002 (16.03.2002)

(25) de (26) de

(30) 101 13 722.2 21 Mar/mar 2001 DE
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HYDRAULIC ACTUATOR FOR AC-
TUATING A GAS EXCHANGE VALVE
OF AN INTERNAL COMBUSTION EN-
GINE

• MECANISME DE REGLAGE HY-
DRAULIQUE PERMETTANT DE
COMMANDER UNE SOUPEPE
D'ÉCHANGE DE GAZ D'UN MOTEUR
A COMBUSTION INTERNE

(71) MAHLE VENTILTRIEB GMBH
[DE/DE]; Haldenstrasse 7, 70376 Stuttgart
(DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PEREZ CUADRO, Diogenes [EC/DE];
Seewaldweg 3, 70825 Korntal-Münchingen
(DE).

(74) PFUSCH, Volker; Rotermund + Pfus, ch,
Waiblinger Strasse 11, 70372 Stuttgart (DE).

(81) DE US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ F01L 13/08

(11) WO 02/077422 (13) A1

(21) PCT/JP02/01616

(22) 22 Feb/fév 2002 (22.02.2002)

(25) ja (26) ja

(30) 2001-086780 26 Mar/mar 2001 JP
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DECOMPRESSOR FOR 4-STROKE
CYCLE INTERNAL COMBUSTION
ENGINES

• DECOMPRESSEUR POUR MOTEURS
A COMBUSTION INTERNE A QUATRE
TEMPS

(71) HONDA GIKEN KOGYO KABUSHIKI
KAISHA [JP/JP]; 1-1, Minamiaoyama
2-chome, Minato-ku, Tokyo 107-8556 (JP).

(72) OGASAWARA, Atsushi; c/o
KABUSHIKI KAISHA HONDA
GIJUTSU KENKYUSHO, 4-1,
Chuo 1-chome, Wako-shi, Saitama
351-0193 (JP). ONOZAWA, Seiji; c/o
KABUSHIKI KAISHA HONDA GIJUTSU
KENKYUSHO, 4-1, Chuo 1-chome,
Wako-shi, Saitama 351-0193 (JP). IKUI,
Kuniaki; 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, Tora-
nomon 2-chome, Minato-ku, Tokyo 105-0001
(JP).

(81) BR CN CO ID IL IN KR TR VN.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ F01M 11/04

(11) WO 02/077423 (13) A1

(21) PCT/ES02/00124

(22) 14 Mar/mar 2002 (14.03.2002)

(25) es (26) es

(30) U 200100740 27 Mar/mar 2001 ES
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE FOR EXTRACTING OIL CON-
TAINED IN A VEHICLE ENGINE

• DISPOSITIF DESTINE A L'EXTRAC-
TION DE L'HUILE CONTENUE DANS
LE MOTEUR D'UN VEHICULE

(71, 72) PECES BERROJO, Victor Manuel
[ES/ES]; C/Bruselas, 20, E-45100 Sonseca
(Toledo) (ES).

(74) PLAZA FERNANDEZ-VILLA, Luis; C/
Francisco Gervas, 11-3° D, E-28020 Madrid
(ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ F01N 3/02

(11) WO 02/077424 (13) A1

(21) PCT/JP02/02675

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ja (26) ja

(30) 2001-83350 22 Mar/mar 2001 JP
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • EXHAUST GAS CLEANUP APPARA-
TUS

• APPAREIL DE PURIFICATION DE GAZ
D'ÉCHAPPEMENT

(71) IBIDEN CO., LTD. [JP/JP]; 2-1, Kanda-cho,
Ogaki-shi, Gifu 503-8604 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KOJIMA, Masaaki [JP/JP]; c/o IBIDEN
CO., LTD. OGAKI-KITA PLANT, 1-1, Kita-
gata, Ibigawa-cho, Ibi-gun, Gifu 501-0695
(JP).

(74) ONDA, Hironori; 12-1, Ohmiya-cho
2-chome, Gifu-shi, Gifu 500-8731 (JP).

(81) CN IN KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ F01N 3/033, 3/035, 3/021, 1/08, 7/00

(11) WO 02/077425 (13) A1

(21) PCT/EP02/01292

(22) 7 Feb/fév 2002 (07.02.2002)

(25) en (26) en

(30) 60/267,029 7 Feb/fév 2001 US
(07.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • EXHAUST PROCESSOR WITH RE-
NEWABLE PARTICULATE ELIMINA-
TOR

• PROCESSEUR D'ÉCHAPPEMENT
EQUIPE D'UN ELIMINATEUR DE
PARTICULES REMPLAÇABLE

(71, 72) LAGE, Paulo, T. [PT/GB]; 2 Chatsworth
Road, St. Annes FY8 2JN (GB).

(74) REZEK, Richard, A.; Barnes & Thornburg,
11 South Meridian Street, Indianapolis, IN
46204 (US).

(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 F01P 7/16

(11) WO 02/077426 (13) A1

(21) PCT/DE02/00810

(22) 6 Mar/mar 2002 (06.03.2002)

(25) de (26) de

(30) 101 13 652.8 21 Mar/mar 2001 DE
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HEAT EXCHANGER

• ECHANGEUR THERMIQUE

(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) SCHMIDT, Roland [DE/DE]; Herren-
bergstrasse 24, 77815 Buchl (DE). ROCK-
LAGE-MARLIANI, Gerta [DE/DE];
Kemnader-Strasse 345b, 44797 Bochum
(DE). VOLLMER, Dirk [DE/DE];
Klotzbergstrasse 60, 77815 Buchl (DE).
TAGHOUTI, Nizar [TN/DE]; Ebertstrasse
24, 76137 Karlsruhe (DE). BERLING,
Claude [FR/FR]; 22, rue du General de
Gaulle, F-67410 Drusenheim (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 F02B 13/00

(11) WO 02/077427 (13) A1

(21) PCT/US02/05429

(22) 22 Feb/fév 2002 (22.02.2002)

(25) en (26) en

(30) 09/813,622 21 Mar/mar 2001 US
(21.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DUAL FUEL METHOD AND SYSTEM
• PROCEDE ET SYSTEME DE MOTEUR HYBRIDE
- (71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) DEUTSCH, Robert W.,; 43W501 Scott Road, Sugar Grove, IL 60554 (US).
- (74) MILLER, Thomas V., 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 CH CY DE DK ES FI FR GB GR IE IT 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 F02B 33/44
(11) WO 02/077428 (13) A1
(21) PCT/US02/00244
(22) 7 Jan/jan 2002 (07.01.2002)
(25) en (26) en
(30) 09/817,623 26 Mar/mar 2001 US (26.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • EXHAUST GAS RECIRCULATION WITH CONDENSATION CONTROL
• RECIRCULATION DES GAZ D'ÉCHAPPEMENT PAR REGULATION DE LA CONDENSATION
- (71) DETROIT DIESEL CORPORATION [US/US]; 13400 Outer Drive, West Detroit, MI 48239-4001 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MCKEE, Heather [US/US]; 21675 Green Hill Road #315, Farmington Hills, MI (US).
- (74) BIR, David, S. et al. / etc.; Brooks & Kushman, 22nd floor, 1000 Town Center, Southfield, MI 48075 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 F02D 19/06, F02M 37/00
(11) WO 02/077429 (13) A1
(21) PCT/JP02/03018

- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
(30) 60/278,760 27 Mar/mar 2001 US (27.03.2001)
(30) 09/947,384 7 Sep/sep 2001 US (07.09.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • FUEL SUPPLY APPARATUS FOR AN INTERNAL COMBUSTION ENGINE HAVING A MEMBRANE FOR SEPARATING GASOLINE INTO A HIGH AND A LOW OCTANE NUMBER FUEL
• DISPOSITIF D'ALIMENTATION EN CARBURANT POUR UN MOTEUR A COMBUSTION INTERNE EQUIPE D'UNE MEMBRANE SEPARANT LE CARBURANT EN UN CARBURANT A INDICE D'OCTANE ELEVE ET EN UN CARBURANT A FAIBLE INDICE D'OCTANE

(71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71) KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO [JP/JP]; 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi 480-1192 (JP).
(only for / seulement pour JP)

(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) UEDA, Takanori [JP/JP]; C/O TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). OKUMURA, Takeshi [JP/JP]; C/O TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). IWASHITA, Yoshihiro [JP/JP]; C/O TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). AKIHAMA, Kazuhiro [JP/JP]; C/O KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO, 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi 480-1192 (JP). YAMAZAKI, Satoshi [JP/JP]; C/O KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO, 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi 480-1192 (JP). WEISSMAN, Walter [US/US]; 6 Dickensen Road, Basking Ridge, NJ 07920 (US). MINHAS, S., Bhupender [US/US]; 1007 Goose Cross Court, Bel Air, MD 21014 (US).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 F02D 41/12, 41/02
(11) WO 02/077430 (13) A1
(21) PCT/EP02/01075
(22) 1 Feb/fév 2002 (01.02.2002)
(25) de (26) de
(30) 101 10 500.2 28 Feb/fév 2001 DE (28.02.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR CONTROLLING A WORKING MODE OF AN INTERNAL COMBUSTION ENGINE
• PROCEDE DE REGULATION D'UN MODE DE TRAVAIL D'UN MOTEUR A COMBUSTION INTERNE

(71) VOLKSWAGEN AKTIENGESELLSCHAFT [DE/DE]; 38436 Wolfsburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) POTT, Ekkehard [DE/DE]; Westring 33, 38518 Gifhorn (DE). ZILLMER, Michael [DE/DE]; Im Schrotmorgen 18, 38173 Siedte (DE).

(74) SCHNEIDER, Henry et al. / etc.; Anwaltskanzlei, Gulde Hengelhaupt Ziebig & Schneider, Schützenstrasse 15-17, 10117 Berlin (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).

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ F02D 41/16
(11) WO 02/077431 (13) A1
(21) PCT/JP01/10823
(22) 11 Dec/déc 2001 (11.12.2001)
(25) ja (26) ja
(30) 2001-074577 15 Mar/mar 2001 JP (15.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND APPARATUS FOR CONTROLLING IDLE FUEL SUPPLY
• PROCEDE ET APPAREIL DE REGULATION DE L'ALIMENTATION EN CARBURANT AU RALENTI

(71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). KABUSHIKI KAISHA TOYOTA JIDOSHOKKI [JP/JP]; 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP).

(72) ITO, Yoshiyasu; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). NARITA, Yuji; c/o KABUSHIKI KAISHA TOYOTA

- JIDOSHOKKI, 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP).
- (74) ONDA, Hironori; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu 500-8731 (JP).
- (81) CZ HU PL.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (a)
-
- (51)⁷ F02D 41/20
(11) WO 02/077432 (13) A1
(21) PCT/DE02/00698
(22) 26 Feb/fév 2002 (26.02.2002)
(25) de (26) de
(30) 101 13 670.6 21 Mar/mar 2001 DE (21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD AND DEVICE FOR CONTROLLING A PIEZO-ACTUATOR
• PROCEDE ET DISPOSITIF POUR COMMANDER UN PIEZO-ACTIONNEUR
(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) RUEGER, Johannes-Joerg [DE/AT]; Geiereckstrasse 6, A-1110 Wien (AT).
(81) JP US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
-
- (51)⁷ F02D 41/38, 41/22, 45/00, F02M 63/02
(11) WO 02/077433 (13) A1
(21) PCT/JP02/01075
(22) 8 Feb/fév 2002 (08.02.2002)
(25) ja (26) ja
(30) 2001-084379 23 Mar/mar 2001 JP (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • FUEL INJECTION CONTROLLER
• REGULATEUR D'INJECTION DE CARBURANT
(71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).
(72) SUGIYAMA, Tatsumasa; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).
MURAKAMI, Motoichi; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).
(74) ONDA, Hironori; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu 500-8731 (JP).
(81) CZ HU PL.
(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 F02D 41/40, 41/38
(11) WO 02/077434 (13) A1
(21) PCT/EP02/01492
(22) 13 Feb/fév 2002 (13.02.2002)
(25) de (26) de
- (30) 101 15 966.8 27 Mar/mar 2001 DE (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHODS FOR CONTROLLING A FUEL METERING IN THE MULTIPLE INJECTION OPERATING MODE
• PROCEDES DE COMMANDE DU DO-SAGE DE CARBURANT EN MODE D'INJECTION MULTIPLE
(71) VOLKSWAGEN AKTIENGESELLSCHAFT [DE/DE]; 38436 Wolfsburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) POTT, Ekkehard [DE/DE]; Westring 33, 38518 Gifhorn (DE). ZILLMER, Michael [DE/DE]; Im Schrotmorgen 18, 38173 Sickinge (DE). BREE, Eric [DE/DE]; Burgallee 44, 38446 Wolfsburg (DE). PHILIPP, Kai [DE/DE]; Hesterhoop 31, 38179 Lagesbüttel (DE).
(74) SCHNEIDER, Henry; Gulde Hengelhaupt Ziebig & Schneider, Schützenstrasse 15-17, 10117 Berlin (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).
- Published / Publiée : (c)
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ F02G 1/057, F28F 1/12, 13/00
(11) WO 02/077435 (13) A1
(21) PCT/US02/09360
(22) 27 Mar/mar 2002 (27.03.2002)
(25) en (26) en
(30) 09/818,321 27 Mar/mar 2001 US (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • REGENERATOR FOR A STIRLING ENGINE
• REGENERATEUR DESTINE A UN MOTEUR STIRLING THERMIQUE
(71) NEW POWER CONCEPTS LLC [US/US]; 340 Commercial Street, Manchester, NH 03101 (US).
(72) KAMEN, Dean, L.; 15 Westwind Road, Bedford, NH 03110 (US). LANGENFELD, Christopher, C.; 35 Cathedral Circle, Nashua, NH 03063 (US). OWENS, Kingston; 10 Ellison Drive, Bedford, NH 03110 (US). STRIMLING, Jonathan; 19 Mountain Road, Bedford, NH 03110 (US).
(74) TIBBETTS, Jean, M. et al. / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110-1618 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 F02M 51/06, 59/46, 47/02
(11) WO 02/077437 (13) A1
(21) PCT/DE02/01025
(22) 21 Mar/mar 2002 (21.03.2002)
(25) de (26) de
- OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ F02M 1/16, F02D 19/06, 19/08, B01D 61/36, C10L 1/06
(11) WO 02/077436 (13) A1
(21) PCT/US02/09501
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 09/818,203 27 Mar/mar 2001 US (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • FUEL COMPOSITION SUPPLY MEANS FOR SPARK IGNITION ENGINES
• DISPOSITIF D'ALIMENTATION EN COMPOSITION COMBUSTIBLE POUR MOTEURS A EXPLOSION
(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US). TOYOTA JIDOSHA KABUSHIKI KAISHA [—/JP]; 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 (JP). KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO [—/JP]; 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi-ken 480-1192 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) WEISSMAN, Walter [US/US]; 6 Dickens Road, Basking Ridge, NJ 07920 (US). PARTRIDGE, Randall, D. [US/US]; 33 Salters Farm Road, Califon, NJ 07830 (US). MINHAS, Bhupender [US/US]; 1007 Goose Cross out, Bel Air, MD 21014 (US). SARTORI, Guido [US/US]; 73 Meadowview Drive, Annandale, NJ 08801-1516 (US). UEDA, Takanori [JP/JP]; 2-21-13 Senpukugaoka, Susona, Shizuoka 410-1115 (JP). IWASHITA, Yoshihiro [JP/JP]; 24-253 Minami-ishiki, Nagaizumi, Shizuoka, 411-0932 (JP). AKIHAMA, Kazuhiro [JP/JP]; 1-502 1726-1 Narukute, Kitaharayama, Owari-asahi-Aichi 488-0064 (US). YAMAZAKI, Satoshi [JP/JP]; 703, Sunago, Nagakute, Aichi-gun, Aichi, 480-1112 (JP).
(74) BAKUN, Estelle, C. et al. / etc.; ExxonMobil Research and Engineering Company, P.O. Box 900, 1545 Route 22 East, Annandale, NJ 088001-0900 (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 US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ F02M 51/06, 59/46, 47/02
(11) WO 02/077437 (13) A1
(21) PCT/DE02/01025
(22) 21 Mar/mar 2002 (21.03.2002)
(25) de (26) de

(30) 101 13 560.2 **21 Mar/mar 2001** DE
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • INJECTION VALVE
- SOUPAPE D'INJECTION

(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) **RUEGER, Johannes-Jörg** [DE/DE]; Gutenbergstrasse 21, 71665 Vaihingen/Enz (DE). **STOECKLEIN, Wolfgang** [DE/DE]; Ludwigstr. 34b, 70176 Stuttgart (DE). **SCHMIEDER, Dietmar** [DE/DE]; Silcherstrasse 12, 71706 Markgroeningen (DE).

(81) HU JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ F02M 55/00, 69/46, 55/02

(11) **WO 02/077438** (13) A1

(21) PCT/DE02/01093

(22) **26 Mar/mar 2002 (26.03.2002)**

(25) de (26) de

(30) 101 15 322.8 **28 Mar/mar 2001** DE
(28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • FUEL INJECTION DEVICE FOR INTERNAL COMBUSTION ENGINES, ESPECIALLY A COMMON RAIL INJECTOR, COMPRISING A RETURN CONNECTION

- DISPOSITIF D'INJECTION DE CARBURANT POUR MOTEURS A COMBUSTION INTERNE, EN PARTICULIER INJECTEUR COMMON RAIL AVEC RACCORD DE RETOUR

(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) **KIENZLER, Dieter** [DE/DE]; Neukoellner Strasse 6, 71229 Leonberg (DE). **FRANK, Kurt** [DE/DE]; Schelmenwasen 14, 73614 Schorndorf (DE). **KREUTZER, Thomas** [DE/DE]; Am Bollrain 4, 72770 Reutlingen (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ F02M 55/00, 69/46, 61/14

(11) **WO 02/077439** (13) A1

(21) PCT/DE02/01130

(22) **27 Mar/mar 2002 (27.03.2002)**

(25) de (26) de

(30) 101 15 048.2 **27 Mar/mar 2001** DE
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • CONNECTING PART FOR CONNECTING A FUEL LINE TO A FUEL INJECTION VALVE

- RACCORD POUR RACCORDER UNE CONDUITE DE CARBURANT A UNE

SOUPAPE D'INJECTION DE CARBURANT

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GLASER, Andreas** [DE/DE]; Wildunger Strasse 60, 70372 Stuttgart (DE). **STAIGER, Jochen** [DE/DE]; Ganswiesenerweg 34, 70839 Gerlingen (DE).

(81) CN CZ JP KR 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 F02M 55/02, 55/04

(11) **WO 02/077440** (13) A1

(21) PCT/DE02/01039

(22) **22 Mar/mar 2002 (22.03.2002)**

(25) de (26) de

(30) 101 14 219.6 **23 Mar/mar 2001** DE
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • FUEL INJECTOR WITH INTEGRATED ACCUMULATOR VOLUME
- INJECTEUR DE CARBURANT PRESENTANT UN VOLUME DE RESERVE SITUE EN AMONT

(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) **KRINN, Thomas** [DE/DE]; Kaiserstrasse 5/1, 73760 Ostfildern (DE). **HANNEKE, Juergen** [DE/DE]; Bei den Gaerten 7a, 70499 Stuttgart (DE). **STEGMEYER, Stefan** [DE/DE]; Bahnhofstrasse 6, 71263 Weil der Stadt (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).

Published / Publiée : (c)

(51)⁷ F02M 55/02, 55/04, 63/02

(11) **WO 02/077441** (13) A1

(21) PCT/EP02/03053

(22) **20 Mar/mar 2002 (20.03.2002)**

(25) de (26) de

(30) 101 14 252.8 **22 Mar/mar 2001** DE
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • METHOD FOR INJECTING FUEL INTO THE COMBUSTION CHAMBERS OF AN INTERNAL COMBUSTION ENGINE, AND FUEL INJECTION SYSTEM FOR SAID ENGINE

- PROCEDE POUR INJECTER DU CARBURANT DANS LES CHAMBRES DE COMBUSTION D'UN MOTEUR A COMBUSTION INTERNE ET SYSTEME D'INJECTION DE CARBURANT DESTINE A UN TEL MOTEUR

(71) **MTU FRIEDRICHSHAFEN GMBH** [DE/DE]; 88040 Friedrichshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMIDT, Günther** [DE/DE]; Paulinenstrasse 66/2, 88046 Friedrichshafen (DE). **KLOOS, Albert** [DE/DE]; Charlottenstrasse 49, 88045 Friedrichshafen (DE).

(74) **WINTER, Josef**, MTU Friedrichshafen GmbH Patentabteilung ZJXP, 88040 Friedrichshafen (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : JP EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(t) for all designations / pour toutes les désignations

(51)⁷ F02M 61/12, 47/02

(11) **WO 02/077442** (13) A1

(21) PCT/DE02/01094

(22) **26 Mar/mar 2002 (26.03.2002)**

(25) de (26) de

(30) 101 15 215.9 **28 Mar/mar 2001** DE
(28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • FUEL-INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES

- SOUPAPE D'INJECTION DE CARBURANT POUR MOTEURS A COMBUSTION INTERNE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MACK, Gerhard** [DE/DE]; Otto-Umfrid-Str. 6, 70191 Stuttgart (DE). **NARIN, Taner** [DE/DE]; Amalienstr. 11, 96047 Bamberg (DE). **RAPP, Holger** [DE/DE]; Hirschstr. 30, 71282 Hemmingen (DE). **KUNZI, Ulrich** [DE/DE]; Lenzhalde 13, 71364 Winnenden (DE). **HEINECKE, Ralf** [DE/DE]; Neckarstr. 12, 71691 Freiberg/N. (DE). **CHRIST, Wilhelm** [DE/DE]; Frankfurter Str. 29, 71634 Ludwigsburg (DE). **BOECKING, Friedrich** [DE/DE]; Kahlhieb 34, 70499 Stuttgart (DE). **FLEINER, Wolfgang** [DE/DE]; Feuerbacher-Tal-Str. 130, 70469 Stuttgart (DE). **FINK, Manfred** [DE/DE]; Hohenguessbacher Str. 12, 96149 Breitenguessbach (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).

Published / Publiée : (c)

(51)⁷ F02M 61/16, 61/10

(11) **WO 02/077443** (13) A1

(21) PCT/DE02/01040

(22) **22 Mar/mar 2002 (22.03.2002)**

(25) de (26) de

(30) 101 15 352.2 **28 Mar/mar 2001** DE
(28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • FUEL INJECTION DEVICE, ESPECIALLY INJECTOR, FOR INTERNAL COMBUSTION ENGINES

- DISPOSITIF D'INJECTION DE CARBURANT, NOTAMMENT INJECTEUR, POUR MOTEURS A COMBUSTION INTERNE
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KURZ, Michael** [DE/DE]; Panoramastrasse 78, 70839 Gerlingen (DE). **WAHR, Gerd** [DE/DE]; Fliederweg 13, 75392 Deckenpfronn (DE).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

- (51)⁷ **F02M 61/16, B23P 19/06, F16L 19/02**
- (11) **WO 02/077444** (13) A1
- (21) PCT/DE02/01041
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) de (26) de
- (30) 101 14 216.1 **23 Mar/mar 2001 DE (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **YIELD POINT-CONTROLLED THREADED JOINT**
- CONNEXION PAR VIS A LIMITE D'ELASTICITE COMMANDEE
- (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) **LALIC, Hrvoje** [DE/DE]; Max-Reger-Strasse 14, 71640 Ludwigsburg (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 **F02M 61/18, 61/04**

- (11) **WO 02/077445** (13) A1
- (21) PCT/DE02/01091
- (22) **26 Mar/mar 2002 (26.03.2002)**
- (25) de (26) de
- (30) 101 15 216.7 **28 Mar/mar 2001 DE (28.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **FUEL-INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES**
- SOUPAPE D'INJECTION DE CARBURANT POUR MOTEURS A COMBUSTION INTERNE
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BUEHLER, Christoph** [DE/DE]; Kirchstr. 16, 70839 Gerlingen (DE).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

- (51)⁷ **F02M 63/02, F16K 17/04**
- (11) **WO 02/077446** (13) A1
- (21) PCT/EP02/03376
- (22) **26 Mar/mar 2002 (26.03.2002)**
- (25) de (26) de
- (30) 101 15 162.4 **27 Mar/mar 2001 DE (27.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **PRESSURE LIMITING VALVE FOR FUEL INJECTION DEVICES**
- SOUPAPE DE LIMITATION DE PRESION POUR SYSTEMES D'INJECTION DE CARBURANT
- (71) **L'ORANGE GMBH** [DE/DE]; Porschesstrasse 30, 70435 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RESSEL, Horst** [DE/DE]; Hertmannsweilerweg 4, 71364 Winnenden (DE). **SCHEIBE, Wolfgang** [DE/DE]; Odenheimstrasse 11, 71642 Ludwigsburg-Poppenweiler (DE). **LIPPISCH, Michael** [DE/DE]; Kurt-Pchalek-Strasse 2, 02625 Bautzen (DE). **TEUBER, René** [DE/DE]; Entenstrasse 13, 73765 Neuhausen a.d.F. (DE).
- (74) **WINTER, Herrn;** L'Orange GmbH, Patentabteilung, Porschesstrasse 30, 70435 Stuttgart (DE).
- (81) 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 **F03B 13/18**
- (11) **WO 02/077447** (13) A1
- (21) PCT/IL01/00271
- (22) **22 Mar/mar 2001 (22.03.2001)**
- (25) en (26) en
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **WAVE POWER GENERATION MACHINE**
- MACHINE HOULOMOTRICE
- (71) **Y.T. ENTERPRISES LTD.** [GB/GB]; 154 Fleet St., London EC4A 2JD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAL-OR, Yaniv** [IL/IL]; 14A Eilat Street, 32298 Haifa (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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).

Published / Publiée : (b)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ

BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ **F03B 17/04, H02K 53/00, F01K 27/00**

- (11) **WO 02/077448** (13) A1
- (21) PCT/IP02/02862
- (22) **25 Mar/mar 2002 (25.03.2002)**
- (25) ja (26) ja
- (30) 2001-135574 **27 Mar/mar 2001 JP (27.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **SELF-ACTIVE POWER GENERATION SYSTEM BY INDUCTION HEATING SYSTEM AND OTHERS**
- SYSTEME DE GENERATION D'ENERGIE AUTO-ENTRETENU PAR UN SYSTEME DE CHAUFFAGE PAR INDUCTION
- (71, 72) **AKIBA, Seiichi** [JP/JP]; 4-3, Kaigancho, Abashiri-shi, Hokkaido 093-0083 (JP).
- (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 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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 **F03D 1/06**

- (11) **WO 02/077449** (13) A1
- (21) PCT/IP01/02425
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) ja (26) ja
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **PROPELLER TYPE WINDMILL FOR POWER GENERATION**
- EOLIENNE DE TYPE PROPULSEUR DESTINEE A LA PRODUCTION D'ENERGIE
- (71) **HITACHI ZOSEN CORPORATION** [JP/JP]; 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-0034 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MURAKAMI, Mitsunori** [JP/JP]; c/o HITACHI ZOSEN CORPORATION, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-0034 (JP).
- (74) **MORIMOTO, Yoshihiro**; All Nippon Airways(Nishi-Hommachi)Bldg., 4th Floor, 10-10, Nishi-Hommachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0005 (JP).
- (81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ F03G 7/00

(11) WO 02/077450 (13) A2

(21) PCT/KR01/00888

(22) 26 May/mai 2001 (26.05.2001)

(25) ko (26) en

(30) 2001/15359 23 Mar/mar 2001 KR (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • POWER MACHINE
• MOTEUR

(71, 72) LEE, Seung, Hyun [KR/KR]; 101, Sesolmaeul, 5cha Ga-dong, 1358-7, Kyoung-ju, Kyoungpuk 780-949 (KR). LEE, Myung, Wha [KR/KR]; 310, Baekyang, 219-8 Gyodong, Jung-gu, Ulsan 681-240 (KR). LEE, Se, Il [KR/KR]; 101, Sesolmaeul, 5cha Ga-dong, 1358-7, Kyoung-ju, Kyoungpuk 780-949 (KR).

(81) AU CA CN JP RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (i)

(51)⁷ F04B

(11) WO 02/077451 (13) A2

(21) PCT/DE02/01123

(22) 27 Mar/mar 2002 (27.03.2002)

(25) de (26) de

(30) 101 15 062.8 27 Mar/mar 2001 DE (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PUMP WITH A SIMPLY EXCHANGEABLE HEAD PUMP
• POMPE A TETE DE POMPE FACILEMENT REMPLAÇABLE

(71, 72) ECKERLE, Otto [DE/DE]; Am Bergwald 6, 76316 Malsch (DE).

(74) KÖHLER, Walter; Louis, Pöhlau, Lohrenz & Segeth, Postfach 30 55, 90014 Nürnberg (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ F04B

(11) WO 02/077452 (13) A2

(21) PCT/IL02/00191

(22) 10 Mar/mar 2002 (10.03.2002)

(25) en (26) en

(30) 09/817,239 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • VACUUM DISTRIBUTION CONTROLLER APPARATUS
• APPAREIL DE COMMANDE DE LA DISTRIBUTION PAR LE VIDE

(71) APRION DIGITAL LTD. [IL/IL]; 5/c Hazoran Street, Poleg Industrial Area, 42505 Netanya (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FEINER, David [IL/IL]; 26 HaYovel Street, 43401 Ra'anana (IL).

(74) EITAN, PEARL, LATZER & COHEN-ZEDEK et al. / etc.; 2 Gav Yam Center, 7 Shenkar Street, 46725 Herzlia (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 F04B 17/04

(11) WO 02/077453 (13) A1

(21) PCT/KR01/00867

(22) 24 May/mai 2001 (24.05.2001)

(25) ko (26) en

(30) 2001/15634 26 Mar/mar 2001 KR (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DRIVING CONTROLLING APPARATUS FOR RECIPROCATING COMPRESSOR
• APPAREIL COMMANDANT L'ENTRAÎNEMENT DESTINÉ A UN COMPRESSEUR ALTERNATIF

(71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-721 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOO, Jae-Yoo [KR/KR]; Jugong Apt., 309-208, Haan-Dong, Gwangmyoung, Gyunggi-Do 423-752 (KR). SONG, Gye-Young [KR/KR]; Jugong Apt., Haan-Dong, Gwangmyoung, Gyunggi-Do 423-757 (KR). HUR, Kyung-Bum [KR/KR]; 441-137, Shinlim 1-Dong, Gwanak-Gu, Seoul 143-760 (KR). LEE, Hyeong-Kook [KR/KR]; Jangmi Apt., 1135-803, Sanbon 2-Dong, Gunpo, Gyunggi-Do 435-042 (KR).

(74) PARK, Jang-Won; Jewoo Building 5th Floor, 200, Nonhyun-Dong, Kangnam-Ku, Seoul 135-010 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 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 F04B 35/04

(11) WO 02/077454 (13) A1

(21) PCT/KR01/00883

(22) 25 May/mai 2001 (25.05.2001)

(25) en

(26) en

(30) 2001/15255 23 Mar/mar 2001 KR (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RECIPROCATING COMPRESSOR
• COMPRESSEUR VOLUMETRIQUE ALTERNATIF

(71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-721 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAE, Gyo-Jong [KR/KR]; 391-6, Gaeumjung-Dong, Changwon, Gyung-sangnam-Do 641-110 (KR). HYEON, Seong-Yeol [KR/KR]; Jugong Apt. 209-302, Shinwol-Dong, Changwon, Gyung-sangnam-Do 641-782 (KR). KIM, Jang-Whan [KR/KR]; LG Boarding House A-506, Gaeumjung-Dong, Changwon, Gyung-sangnam-Do 641-711 (KR). HEO, Jong-Tae [KR/KR]; 36-2, Jungang-Dong, Changwon, Gyung-sangnam-Do 641-843 (KR).

(74) PARK, Jang-Won; Jewoo Building 5th Floor, 200, Nonhyun-Dong, Kangnam-Ku, Seoul 135-010 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 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 F04B 39/00

(11) WO 02/077455 (13) A1

(21) PCT/KR01/00480

(22) 24 Mar/mar 2001 (24.03.2001)

(25) ko (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RECIPROCATING COMPRESSOR
• COMPRESSEUR ALTERNATIF

(71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-721 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JUNG, Won-Hyun [KR/KR]; Seongwon Apt. 106-404, Namyang-Dong, Changwon, Gyung-sangnam-Do 641-751 (KR). HYEON, Seong-Yeol [KR/KR]; Jugong Apt. 209-302, Shinwol-Dong, Changwon, Gyung-sangnam-Do 641-782 (KR). BAE, Gyo-Jong [KR/KR]; 391-6, Gaeumjung-Dong, Changwon, Gyung-sangnam-Do 641-110 (KR). KIM, Jang-Whan [KR/KR]; LG Boarding House A-506, Gaeumjung-Dong, Changwon, Gyung-sangnam-Do 641-711 (KR).

(74) PARK, Jang-Won; Jewoo Building 5th Floor, 200, Nonhyun-Dong, Kangnam-Ku, Seoul 135-010 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 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 F04B 43/08

(11) WO 02/077456 (13) A2

(21) PCT/US02/08463

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 60/277,562 21 Mar/mar 2001 US
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INVERTED PREISTALTIC PUMPS AND
RELATED METHODS

• POMPES PERISTALTQUES INVER-
SEES ET PROCEDES ASSOCIES

(71) INNOVENT, LLC. [US/US]; 27372 Calle
Arroyo, 2nd floor, San Juan Capistrano, CA
92675 (US).

(72) MITTELSTEIN, Michael; 29412 Clip-
per Way, Laguna Niguel, CA 92677 (US).
SORENSEN, John, T.; 19 Barnstable
Way, Ladera Ranch, CA 92694 (US).
MIRHASHEMI, Soheila; 29412 Clipper
Way, Laguna Niguel, CA 92677 (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 F04B 53/16 // 53/14, F16J 10/02, F16F
7/09

(11) WO 02/077457 (13) A1

(21) PCT/DK02/00216

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) PA 2001 00506 27 Mar/mar 2001 DK
(27.03.2001)

(30) PA 2001 00507 27 Mar/mar 2001 DK
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A COMBINATION OF A CHAMBER
AND A PISTON, A PUMP, A MOTOR,
A SHOCK ABSORBER AND A TRANS-
DUCER INCORPORATING THE COM-
BINATION

• COMBINAISON D'UNE CHAMBRE
ET D'UN PISTON, POMPE, MOTEUR,
AMORTISSEUR ET TRANSDUCTEUR
INTEGRANT LADITE COMBINAISON

(71) NVB INTERNATIONAL A/S [DK/DK];
Gaerdet 12, P.O. Box 69, DK-3460 Birkerød
(DK).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) VAN DER BLOM, Nicolaas [NL/DK];
Gaerdet 12, DK-3460 Birkerød (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 F04C 2/10, 15/00, 2/08, 15/04, 13/00

(11) WO 02/077458 (13) A1

(21) PCT/EP02/02253

(22) 1 Mar/mar 2002 (01.03.2002)

(25) de (26) de

(30) 101 14 148.3 22 Mar/mar 2001 DE
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SELF-CENTERING GEAR PUMP

• POMPE A ENGRENAGES A CEN-
TRAGE AUTOMATIQUE

(71) LABU-BROX OEG [AT/AT]; Aschacher-
strasse 1, A-4100 Ottensheim (AT).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BROX, Dieter [DE/DE]; Wittenstrasse 2
(c), 38640 Goslar (DE).

(74) KOEPE, Gerd, L.; Koepe & Partner, Robert-
Koch-Strasse 1, 80538 München (DE).

(81) AU CA CZ HU JP PL US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ F04C 2/107

(11) WO 02/077459 (13) A1

(21) PCT/GB02/01012

(22) 7 Mar/mar 2002 (07.03.2002)

(25) en (26) en

(30) 09/818,059 27 Mar/mar 2001 US
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROGRESSIVE CAVITY PUMP

• POMPE A RESSORT HELICOIDAL EX-
CENTRE

(71) WEATHERFORD/LAMB, INC. [US/US];
515 Post Oak Blvd, Suite 600, Houston, TX
77027 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(71) HARDING, Richard, Patrick [GB/GB];
Marks & Clerk, 4220 Nash Court, Oxford
Business Park South, Oxford, Oxfordshire
OX4 2RU (GB).

(only for / seulement pour IS)

(72, 75) DUNN, Lonnie [CA/CA]; 142 Fountain
Creek Way, Sherwood Park, Alberta T8B1C9
(CA).

(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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 F04C 15/00

(11) WO 02/077460 (13) A1

(21) PCT/DE01/01166

(22) 27 Mar/mar 2001 (27.03.2001)

(25) de (26) de

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • GEAR FEED PUMP

• POMPE D'ACHEMINEMENT A ROUES
DENTEES

(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) BODZAK, Stanislaw [AT/AT]; Gärt-
nerweg 3, A-5061 Elsbethen (AT). STIPEK,
Theodor [AT/AT]; Karl-Reisenbichler-Str.
17, A-5026 Salzburg (AT). REITSAM,
Robert [AT/AT]; Friedrich Inhauserstr. 4K4,
A-5020 Salzburg (AT).

(81) JP 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 F04C 29/02

(11) WO 02/077461 (13) A1

(21) PCT/BE02/00035

(22) 14 Mar/mar 2002 (14.03.2002)

(25) en (26) en

(30) 2001/0186 22 Mar/mar 2001 BE
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • WATER-INJECTED VOLUMETRIC
COMPRESSOR

• COMPRESSEUR VOLUMETRIQUE A
INJECTION D'EAU

(71) ATLAS COPCO AIRPOWER [BE/BE];
Naamloze Vennootschap, Boomsesteenweg
957, B-2610 Wilrijk (BE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **TALBOOM, Bart, Anton, Lode** [BE/BE]; Duivenstraat 26, B-2550 Kontich (BE).

(74) **DONNE, Eddy**; Bureau M.F.J. Bockstael 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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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) (u) for / pour US only / seulement

(51)⁷ **F04D**

(11) **WO 02/077462** (13) A2

(21) PCT/EP02/02884

(22) **15 Mar/mar 2002 (15.03.2002)**

(25) de (26) de

(30) 101 14 969.7 **27 Mar/mar 2001 DE (27.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **TURBOMOLECULAR PUMP**
• **POMPE TURBOMOLECULAIRE**

(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) **BLUMENTHAL, Roland** [DE/DE]; Franz-Marc-Strasse 190, 50374 Erfstadt (DE). **ODENDAHL, Heinz-Dieter** [DE/DE]; Am Pfropfbusch 3, 51061 Köln (DE). **BOHRY, Dieter** [DE/DE]; Saarstrasse 1a, 50677 Köln (DE).

(74) **SELTING, Günther et al.** / etc.; Deichmannhaus am Dom, Bahnhofsvorplatz 1, 50667 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 **F15B 7/08**

(11) **WO 02/077463** (13) A2

(21) PCT/DE02/00950

(22) **16 Mar/mar 2002 (16.03.2002)**

(25) de (26) de

(30) 201 05 352.7 **27 Mar/mar 2001 DE (27.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **DEVICE FOR TELECONTROLLING A FUNCTION OF DRIVES**
• **DISPOSITIF DE TELECOMMANDE D'UNE FONCTION DE MOYENS MOTEURS**

(71, 72) **PAUKNER, Rudolf** [DE/DE]; Baderstrasse 16, 94315 Straubing (DE).

(74) **GRAF, Helmut et al.** / etc.; Postfach 10 08 26, 93008 Regensburg (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 CH CY DE DK ES FI FR GB GR IE IT 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 **F16B 13/14**

(11) **WO 02/077464** (13) A1

(21) PCT/EP02/00355

(22) **16 Jan/jan 2002 (16.01.2002)**

(25) de (26) de

(30) 201 05 013.7 **22 Mar/mar 2001 DE (22.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **ANCHOR SLEEVE FOR INJECTION FIXING**
• **DOUILLE D'ANCRAGE POUR SCÉLÈLEMENT PAR INJECTION**

(71) **FISCHERWERKE ARTUR FISCHER GMBH & CO. KG** [DE/DE]; Weinhalde 14-18, 72178 Waldachtal (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ASSADI, Amir** [IR/DE]; Hebelstrasse 23, 79312 Emmendingen (DE). **SCHNEIDER, Steffen** [DE/DE]; Bergstrasse 6, 72250 Freudenstadt (DE). **GRIESBAUM, Gebhard** [DE/DE]; Hölderlinstrasse 40, 79312 Emmendingen (DE). **HEIZMANN, Rainer** [DE/DE]; Hauptstrasse 23/1, 79312 Emmendingen (DE). **SCHMIDT, Clemens** [DE/DE]; Eindhovenstrasse 18, 79211 Denzlingen (DE).

(74) **JUNG, Eugen**; fischerwerke, Artur Fischer GmbH & Co. KG, Weinhalde 14-18, 72178 Waldachtal (DE).

(81) BR CN CZ HU IN JP KR NO PL RU SK US YU ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **F16B 15/00, 5/08**

(11) **WO 02/077465** (13) A1

(21) PCT/FR02/00996

(22) **21 Mar/mar 2002 (21.03.2002)**

(25) fr (26) fr

(30) 01/04007 **26 Mar/mar 2001 FR (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **FIXING MEANS DESIGNED TO CONNECT ELEMENTS OF ANY TYPE, IN PARTICULAR FOR WOODEN CONSTRUCTIONS**
• **MOYAEN DE FIXATION DESTINE A RELIER DES ELEMENTS QUELCONQUES NOTAMMENT POUR DES CHARPENTES EN BOIS**

(71, 72) **LAURENT, Maxime, Noël, Edmond** [FR/FR]; 38, rue de la Constituante, F-78500 Sartrouville (FR). **CORDONNIER, Benoît, Jean, Marie, Joseph** [FR/FR]; 5, Impasse du Mesnil, F-76270 Neufchâtel-en-Bray (FR). **CORDONNIER, François, Henri, Marie** [FR/FR]; 2, Avenue du 11 Novembre, F-76440 Forges-les-Eaux (FR).

(74) **LAURENT, Maxime, Noël, Edmond**; 38, rue de la Constituante, F-78500 Sartrouville (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **F16B 35/00, 39/30**

(11) **WO 02/077466** (13) A1

(21) PCT/JP01/02426

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) ja (26) ja

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **BOLT AND METHOD OF MANUFACTURING THE BOLT**
• **BOULON ET PROCÉDE DE FABRICATION AFFÉRENT**

(71) **DAIKI INDUSTRIES CO., LTD.** [JP/JP]; 11-16, Hamamachi, Moji-ku, Kitakyushu-shi, Fukuoka 801-0856 (JP). (only for / seulement pour US)

(71, 72) **TANAKA, Hiromasa** [JP/JP]; 17-10, Chuo 5-chome, Koga-shi, Fukuoka 811-3101 (JP). **NODA, Hideki** [JP/JP]; 9-2, Narutake 1-chome, Moji-ku, Kitakyushu-shi, Fukuoka 801-0881 (JP).

(only for / seulement pour US)

(74) ENOMOTO, Ichiro; Room 405, Kokurakosan-14-gokan, 2-39, Asano 1-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-0001 (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 F16B 35/00, C22C 38/00, 38/24, 38/28, C21D 9/00

(11) WO 02/077467 (13) A1

(21) PCT/JP02/02796

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-82325 22 Mar/mar 2001 JP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HIGH-STRENGTH BOLT EXCELLENT IN DELAYED FRACTURE RESISTANCE CHARACTERISTICS AND ITS STEEL PRODUCT

• BOULON HAUTE RESISTANCE PRESENTANT D'EXCELLENTE PROPRIETES DE RESISTANCE A LA FRACTURE DIFFEREE ET SON ACIER DE PRODUCTION

(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) UNO, Nobuyoshi [JP/JP]; C/O NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba 293-8511 (JP). KANISAWA, Hideo [JP/JP]; C/O NIPPON STEEL CORPORATION MURORAN WORKS, 12, Nakamachi, Muroran-shi, Hokkaido 050-0087 (JP).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) CN 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 F16B 37/06, B23P 19/06

(11) WO 02/077468 (13) A1

(21) PCT/EP02/03187

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 14 200.5 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FUNCTION ELEMENT, ASSEMBLY PART CONSISTING OF A SHEET METAL PART AND A FUNCTION ELEMENT AND METHOD FOR ATTACHING A FUNCTION ELEMENT TO A SHEET METAL PART

• ELEMENT FONCTIONNEL, PIECE D'ASSEMBLAGE COMPRENANT UNE PIECE DE TOLE ET UN ELEMENT FONCTIONNEL, ET PROCEDE PERMETTANT LA FIXATION D'UN ELEMENT FONCTIONNEL A UNE PIECE DE TOLE

(71) PROFIL VERBUNDUNGSTECHNIK GMBH & CO. KG [DE/DE]; Otto-Hahn-Strasse 22-24, 61381 Friedrichsdorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BABEJ, Jiri [DE/DE]; Klosterweg 27, 35423 Lich (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 CH CY DE DK ES FI FR GB GR IE 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 F16C

(11) WO 02/077469 (13) A2

(21) PCT/IB02/02130

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 0107616.5 27 Mar/mar 2001 GB (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROFILED ROLLER BEARING

• ROULEMENT A ROULEAUX PROFILE

(71) HANSEN TRANSMISSIONS INTERNATIONAL NV [BE/BE]; 1, Leonardo da Vincilaan, B-2650 Edegem (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEIMANN, Dirk-Olaf [BE/BE]; Hansen Transmissions International NV, 1, Leonardo Da Vincilaan, B-2650 Edegem (BE).

(74) BADGER, John, Raymond; Invensys Intellectual Property, P.O. Box 8433, Redditch B98 0DW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 F16C 11/06

(11) WO 02/077470 (13) A1

(21) PCT/DE02/01027

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 14 693.0 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BALL-AND-SOCKET JOINT

• ARTICULATION A ROTULE

(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) ABELS, Olaf [DE/DE]; Am Appelhügel 28, 49191 Belm (DE). GRÖGER, Dieter [DE/DE]; Habichtshöhe 4, 49401 Damme (DE).

(81) 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)

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : JP KR MX EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(s) for the following designations / pour les désignations suivantes : JP KR MX 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 F16C 11/10

(11) WO 02/077471 (13) A1

(21) PCT/JP02/02647

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ja (26) ja

(30) 2001-83636 22 Mar/mar 2001 JP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HINGE UNIT AND HINGE STRUCTURE

• UNITE D'ARTICULATION ET STRUCTURE D'ARTICULATION

(71) NIFCO INC. [JP/JP]; 184-1, Maioka-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-8522 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAWAMOTO, Masanobu [JP/JP]; c/o NIFCO Inc., 184-1, Maioka-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-8522 (JP). KOBAYASHI, Yuji [JP/JP]; c/o NIFCO Inc., 184-1, Maioka-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-8522 (JP).

(74) NAKAJIMA, Jun et al. / etc.; TAIYO, NAKAJIMA & KATO, Seventh Floor, HK-Shinjuku Bldg., 3-17, Shinjuku 4-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES

FI FR GB GR IE IT 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 F16C 11/10

(11) WO 02/077472 (13) A1

(21) PCT/JP02/02693

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ja (26) ja

(30) 2001-82685 22 Mar/mar 2001 JP
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HINGE STRUCTURE WITH ROTARY
ACTUATOR

• STRUCTURE DE CHARNIERE DOTE
E D'UN ACTIONNEUR ROTATIF

(71) NIFCO INC. [JP/JP]; 184-1, Maioka-cho,
Totsuka-ku, Yokohama-shi, Kanagawa 244-
8522 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KAWAMOTO, Masanobu [JP/JP];
c/o NIFCO INC., 184-1, Maioka-cho, Tot-
suka-ku, Yokohama-shi, Kanagawa 244-8522
(JP).

(74) OSHIMA, Yoichi; 7th Floor, Kitagawa
Bldg., 6-42, Kagurazaka, 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 F16C 17/04, 33/04

(11) WO 02/077473 (13) A1

(21) PCT/JP02/03001

(22) 27 Mar/mar 2002 (27.03.2002)

(25) ja (26) ja

(30) 2001-089193 27 Mar/mar 2001 JP
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • THRUST BEARING

• PALIER DE BUTEE

(71) NOK CORPORATION [JP/JP]; 12-15,
Shibadaimon 1-chome, Minato-ku, Tokyo
105-8585 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HONDA, Tadashi [JP/JP]; c/o NOK
Corporation, 30, Miyato, Nihonmatsu-shi,
Fukushima 964-0811 (JP). SEKINE, Kat-
sumi [JP/JP]; c/o NOK Corporation, 30, Miy-
ato, Nihonmatsu-shi, Fukushima 964-0811
(JP). WATANABE, Shigeru [JP/JP]; c/o
NOK Corporation, 30, Miyato, Nihon-
matsu-shi, Fukushima 964-0811 (JP).

(74) NOMOTO, Yoichi; Terao Building 7th
Floor, 8-4, Nishi-shinbashi 2-chome, Mi-
nato-ku, Tokyo 105-0003 (JP).

(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 CH CY DE DK ES
FI FR GB GR IE 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 F16C 27/04

(11) WO 02/077474 (13) A1

(21) PCT/IB02/02129

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 0107615.7 27 Mar/mar 2001 GB
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ROLLER BEARING ASSEMBLY

• ENSEMBLE ROULEMENT A ROU-
LEAUX

(71) HANSEN TRANSMISSIONS INTER-
NATIONAL NV [BE/BE]; Leonardo da
Vincilaan 1, B-2650 Edegem, Antwerp (BE).

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les États désignés sauf US)

(72, 75) LEIMANN, Dirk-Olaf [BE/BE];
Hansen Transmissions International NV,
Leonardo Da Vincilaan 1, B-2650 Edegem,
Antwerp (BE).

(74) BADGER, John, Raymond; Invensys In-
tellectual Property, P.O. Box 8433, Redditch
B98 0DW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 F16C 35/12, 35/067

(11) WO 02/077475 (13) A1

(21) PCT/US02/03979

(22) 6 Feb/fév 2002 (06.02.2002)

(25) en (26) en

(30) 60/266,790 6 Feb/fév 2001 US
(06.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • GAUGE AND PROCESS FOR ADJUST-
ING BEARINGS

• JAUGE ET PROCEDE PERMETTANT
DE REGLER DES PALIERS

(71) THE TIMKEN COMPANY [US/US]; 1835
Dueber Avenue, S.W., Canton, OH 44706-
0930 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RUSSELL, Daniel, T. [US/US]; 8124
Bringle Avenue S.W., East Sparta, OH 44626
(US). RIES, Mark, R. [US/US]; 5926 Eire
Avenue N.W., Canal Fulton, OH 44614 (US).

(74) BOESCHENSTEIN, Edward, A.; Polster,
Lieder, Woodruff & Lucchesi, L.C., 763
South New Ballas Road, St. Louis, MO
63141 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 F16C 41/00, B02C 25/00, 2/00, G01M
13/04

(11) WO 02/077476 (13) A1

(21) PCT/FI02/00198

(22) 13 Mar/mar 2002 (13.03.2002)

(25) en (26) en

(30) 20010599 23 Mar/mar 2001 FI
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR MONITORING CONDI-
TION OF BEARINGS OF A CRUSHER,
AND A CRUSHER

• PROCEDE DE SURVEILLANCE DE
L'ETAT DES PALIERS D'UN CONCAS-
SEUR, ET CONCASSEUR

(71) METSO MINERALS (TAMPERE) OY
[FI/FI]; P.O. Box 306, FIN-33101 Tampere
(FI).

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les États désignés sauf US)

(72, 75) NIEMINEN, Ippo [FI/FI]; Lep-
omäenkuja 2 B 6, FIN-33450 Siivikkala
(FI). HEIKKILÄ, Juhamatti [FI/FI];
Rusthollinkatu 12 B 7, FIN-33610 Tam-
pere (FI). PATOSALMI, Juha [FI/FI];
Satamakatu 2 A 8, FIN-33200 Tampere (FI).

(74) OY JALO ANT-WUORINEN AB; Iso
Roobertinkatu 4-6 A, FIN-00120 Helsinki
(FI).

(81) AE AG AL AM AT AT (Utility model /
modèle d'utilité) AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ CZ (Utility
model / modèle d'utilité) DE DE (Utility
model / modèle d'utilité) DK DK (Utility
model / modèle d'utilité) DM DZ EC EE EE
(Utility model / modèle d'utilité) ES FI FI
(Utility model / modèle d'utilité) GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD
MG MK MN MW MX MZ NO NZ OM PH
PL PT RO RU SD SE SG SI SK SK (Utility
model / modèle d'utilité) SL TJ TM TN TR
TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 1/04

(11) WO 02/077477 (13) A1

(21) PCT/SE02/00575

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 0100998-4 22 Mar/mar 2001 SE (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SHAFT COUPLING
• ACCOUPLEMENT D'ARBRE

(71) ROLLS-ROYCE AB [SE/SE]; P.O. Box 1010, S-681 29 Kristinehamn (SE).
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(72, 75) BACSKAY, Istvan [SE/SE]; Poppelvägen 9, S-681 43 Kristinehamn (SE).

(74) DR LUDWIG BRANN PATENTBYRÅ AB; P.O. Box 17192, S-104 62 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16D 1/08

(11) WO 02/077478 (13) A1

(21) PCT/US02/08869

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/814,312 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SELF-CENTERING OUTPUT SHAFT ADAPTER
• ADAPTEUR D'ARBRE D'AUTO-CENTRAGE

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) ROMAN, Timothy, S.; 7464 Colfax Avenue North, Brooklyn Park, MN 55444 (US).

(74) CRISS, Roger, H. et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16D 3/30, 3/32

(11) WO 02/077479 (13) A1

(21) PCT/IB02/00927

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) PR 3946 26 Mar/mar 2001 AU (26.03.2001)

(30) PR 4452 19 Apr/avr 2001 AU (19.04.2001)

(30) PR 4620 30 Apr/avr 2001 AU (30.04.2001)

(30) PR 4767 7 May/mai 2001 AU (07.05.2001)

(30) PR 5078 18 May/mai 2001 AU (18.05.2001)

(30) PR 5731 18 Jun/juin 2001 AU (18.06.2001)

(30) PR 5979 29 Jun/juin 2001 AU (29.06.2001)

(30) PR 5992 29 Jun/juin 2001 AU (29.06.2001)

(30) PR 6075 2 Jul/juil 2001 AU (02.07.2001)

(30) PR 7569 10 Sep/sep 2001 AU (10.09.2001)

(30) PR 9690 21 Dec/déc 2001 AU (21.12.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONSTANT VELOCITY COUPLING AND CONTROL SYSTEM THEREFOR
• ACCOUPLEMENT A VITESSE CONSTANTE ET SYSTEME DE COMMANDE Y RELATIF

(71, 72) THOMPSON, Glenn, Alexander [AU/AU]; 68 Summer Street, Orange, NSW 2800 (AU).

(74) WALLINGTON-DUMMER PATENT & TRADE MARK ATTORNEYS; P.O. Box 297, Rydalmere, NSW 1701 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16D 23/02, B21K 1/30, B22F 5/08

(11) WO 02/077480 (13) A1

(21) PCT/SE02/00441

(22) 12 Mar/mar 2002 (12.03.2002)

(25) sv (26) en

(30) 0101090-9 26 Mar/mar 2001 SE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYNCHRONIZER RING AND METHOD AND PRESS TOOL FOR ITS MANUFACTURE

• BAGUE DE SYNCHRONISEUR ET OUTIL DE PRESSE SERVANT A SA FABRICATION

(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) HEDMAN, Anders [SE/SE]; Sillgatan 2, S-440 30 Marstrand (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 CH CY DE DK ES FI FR GB GR IE IT 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 23/14

(11) WO 02/077481 (13) A1

(21) PCT/EP02/03054

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 101 14 846.1 24 Mar/mar 2001 DE (24.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SELF-ADJUSTING CLUTCH-RELEASE BEARING

• BUTEE DE DEBRAYAGE A AJUSTEMENT AUTOMATIQUE

(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) DITTMER, Steffen [DE/DE]; Rückertstrasse 10, 91074 Herzogenaurach (DE).
WINKELMANN, Ludwig [DE/DE]; Hutstrasse 1a, 91056 Erlangen (DE).
KLÖPFER, Bernhard [DE/DE]; Metzgergasse 62a, 91438 Bad Windsheim (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 CH CY DE DK ES FI FR GB GR IE 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 F16D 33/18

(11) WO 02/077482 (13) A1

(21) PCT/EP02/03246

(22) 22 Mar/mar 2002 (22.03.2002)

(25) de (26) de

(30) 101 15 561.1 28 Mar/mar 2001 DE (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HYDRODYNAMIC COUPLING

• ACCOUPLEMENT HYDRODYNAMIQUE

(71) VOITH TURBO GMBH & CO. KG [DE/DE]; Alexanderstrasse 2, 89522 Heidenheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OBSER, Stephan [DE/DE]; Im Rinnig 8, 74589 Satteldorf (DE). ADLEFF, Kurt [DE/DE]; Reinthalerstrasse 54, 74564 Crailsheim (DE).

(74) WEITZEL & PARTNER; Friedenstrasse 10, 89522 Heidenheim (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ F16D 55/40

(11) WO 02/077483 (13) A1

(21) PCT/GB02/01191

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 0107617.3 27 Mar/mar 2001 GB (27.03.2001)

(30) 0115909.4 29 Jun/juin 2001 GB (29.06.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR DISC BRAKE CONSTRUCTION

• PROCEDE ET APPAREIL POUR LA CONSTRUCTION D'UN FREIN A DISQUE

(71) DELPHI TECHNOLOGIES INC [US/US]; P.O. Box 5052, Troy, MI 48007 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAYLIS, Christopher, Stanford [GB/GB]; 8 Broadacres, Fourstones, Hexham, Northumberland NE44 5LW (GB).

(74) LAMB, Richard, A.; Urquhart-Dykes & Lord, New Priestgate House, 57 Priestgate, Petersborough, Cambs, PE1 1JX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 F16F

(11) WO 02/077484 (13) A2

(21) PCT/US02/09394

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,810 26 Mar/mar 2001 US (26.03.2001)

(30) 09/968,180 1 Oct/oct 2001 US (01.10.2001)

(30) Not furnished / 22 Mar/mar 2002 US non communiqué (22.03.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR VIBRATION CONTROL

• PROCEDE ET DISPOSITIF ANTIVIBRATIONS

(71) CYMER, INC. [US/US]; 16750 Via Del Campo Court, San Diego, CA 92127-1712 (US).

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(72, 75) PLETNER, Baruch [US/IL]; 87 Brandeis Road, Newton, MA 02459 (US). KARPEL, Mordechai [IL/IL]; 2 Dafna Street, Kokhav Yair, Israel 44864 (IL). DORN, Huckleberry, B. [US/US]; 14 Anderson Street, Apt. 3, Boston, MA 02114 (US). PERKINS, Richard [US/US]; 11257 Linares Street, San Diego, CA 92129 (US). LUBLIN, Leonard [US/US]; 46 Mac Arthur Road, Concord, MA 01742 (US).

(74) ROSS, John, R.; Cymer, Inc., Legal Department-MS/1-2A, 16750 Via Del Campo Court, San Diego, CA 92127-1712 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 9/18, G03F 7/20, H01L 21/30

(11) WO 02/077485 (13) A1

(21) PCT/JP02/02916

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/818,163 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MULTIPLE CHAMBER FLUID MOUNT

• SUPPORT HYDRAULIQUE A CHAMBRES MULTIPLES

(71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(72) BINNARD, Michael; 2444 Coronet Boulevard, Belmont, CA 94000 (US). WATSON, Douglas, C.; 1353 Cameo Drive, Campbell, CA 95008 (US).

(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 JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 15/02

(11) WO 02/077486 (13) A1

(21) PCT/US02/08734

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/814,253 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SMART ISOLATION MOUNTS WITH CONTINUOUS STRUCTURAL ELEMENTS FEATURING VIBRATION ENERGY MANAGEMENT

• BATIS ISOLANTS INTELLIGENTS DOTES D'ELEMENTS DE STRUCTURE CONTINUS PERMETTANT UNE GESTION DE L'ENERGIE VIBRATOIRE

(71) QUALITY RESEARCH, DEVELOPMENT & CONSULTING, INC. [US/US]; 125 Columbia Court North, Suite 6, Chaska, MN 55318 (US).

(72) ALLAEI, Daryoush; 3223 Fairchild Avenue, Minnetonka, MN 55391 (US).

(74) MYRUM, Tod, A.; Fogg Slifer Polglaze Leffert & Jay, PA, P.O. Box 581009, Minneapolis, MN 55458-1009 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 F16H

(11) WO 02/077487 (13) A2

(21) PCT/EP02/03536

- (22) 28 Mar/mar 2002 (28.03.2002)
 (25) de (26) de
 (30) 101 15 316.3 28 Mar/mar 2001 DE (28.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **THREADED MECHANISM WITH ROLLING BODIES AND DRIVE DEVICE OF AN AUTOMOTIVE AXLE GUIDE MODULE**
 • TRANSMISSION A VIS ET A CORPS DE ROULEMENT ET SYSTEME D'ENTRAINEMENT D'UN MODULE BIELLE DE LIAISON D'ESSIEU D'UN VEHICULE AUTOMOBILE
- (71) CONTINENTAL TEVES AG & CO.OHG [DE/DE]; Guerickestrasse 7, 60488 Frankfurt am Main (DE). 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) NELL, Joachim [DE/DE]; Gustav-Hoch-Strasse 35, 63452 Hanau (DE). LINKENBACH, Steffen [DE/DE]; Lahnweg 14, 65760 Eschborn (DE). HOFFMANN, Oliver [DE/DE]; Schlossstrasse 116, 60486 Frankfurt (DE). SCHACK, Peter [DE/DE]; Morikestr.3, 63500 Seligenstadt (DE). JUNGBECKER, Johann [DE/DE]; Hauptstr. 60, 55576 Badenheim (DE). RATH, Thomas [DE/DE]; Nelkenweg 14, 63128 Dietzenbach (DE). BAYER, Ronald [DE/DE]; Schubertstr. 6, 63165 Mühlheim/Main (DE). NEUWIRTH, Ernst [DE/DE]; Anna-Herrmann-Strasse 58, 91074 Herzogenaurach (DE). KRAUS, Manfred [DE/DE]; Goethestrasse 36c, 91074 Herzogenaurach (DE). OSTERLÄNGER, Jürgen [DE/DE]; Tannscharn 21, 91448 Emskirchen (DE).
- (74) CONTINENTAL TEVES AG & CO.OHG; Guerickestrasse 7, 60488 Frankfurt am Main (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) 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 F16H 1/00
 (11) WO 02/077488 (13) A1
 (21) PCT/KR02/00518
 (22) 26 Mar/mar 2002 (26.03.2002)
 (25) en (26) en
 (30) P 200115846 27 Mar/mar 2001 KR (27.03.2001)
 (30) P 200114299 16 Mar/mar 2002 KR (16.03.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **PREFABRICATED INTERNAL HELICAL GEAR ASSEMBLY**
 • SYSTEME D'ENGRENAGE PREFABRIQUE A DENTURE HELICOIDALE INTERIEURE
- (71, 72) PARK, Jong-heon [KR/KR]; 524-101 Yonsoo 1-dong, Yonsoo-gu, Incheon-shi 406-810 (KR). PARK, Yong-il [KR/KR]; 1002-1404 Soman Mawol Apt., 791 Haengsin-dong, Duckyang-gu, Kyungki-do 412-732 (KR).
- (74) PANG, Byong Chul; 4fl. Scolim Bldg., 1139-31 Guwol 1-dong, Namdong-gu, Incheon-shi 405-221 (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 F16H 3/091
 (11) WO 02/077489 (13) A1
 (21) PCT/EP02/02984
 (22) 19 Mar/mar 2002 (19.03.2002)
 (25) de (26) de
 (30) 101 14 557.8 24 Mar/mar 2001 DE (24.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **VEHICLE TRANSMISSION**
 • TRANSMISSION DE VEHICULE
- (71) ZF FRIEDRICHSHAFEN AG [DE/DE]; 88038 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WAFZIG, Jürgen [DE/DE]; Graf-Ernst-Weg 7, 88097 Eriskirch (DE).
- (74) ZF FRIEDRICHSHAFEN AG; 88038 Friedrichshafen (DE).
- (81) BR 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 F16H 15/04, 3/42
 (11) WO 02/077490 (13) A1
 (21) PCT/RU02/00125
 (22) 27 Mar/mar 2002 (27.03.2002)
 (25) ru (26) ru
 (30) 2001107937 27 Mar/mar 2001 RU (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **ENGAGEMENT FOR INFINITELY VARIABLE TRANSMISSION**
 • ENTRAINEMENT DE TRANSMISSION CONTINUE VARIABLE
- (71) NONPROFIT PARTNERSHIP "INNOVATION AGENCY" [RU/RU]; ul. Tverskaya, 11, Moscow, 103905 (RU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SIDENKO, Vladimir Vladimirovich [RU/RU]; ul. Domodedovskaya, 24-1-35, Moscow, 115582 (RU).
- (74) KURAPOV, Gennady Petrovich; Transtechnology, Leningradsky prospekt, 23, Moscow, 125040 (RU).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.
- (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 F16H 57/02
 (11) WO 02/077492 (13) A1
 (21) PCT/DE02/00842
 (22) 8 Mar/mar 2002 (08.03.2002)
 (25) de (26) de
 (30) 101 14 453.9 24 Mar/mar 2001 DE (24.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **TRANSMISSION-DRIVE UNIT**
 • UNITE D'ENTRAINEMENT DE MECANISME
- (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) OBERLE, Hans-Juergen [DE/DE]; Badstrasse 4, 76437 Raststatt (DE). HUESGES, Mario [DE/DE]; Hindenburgstrasse 129, 77830 Buehlertal (DE).

(81) BR KR 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 F16H 61/00
(11) WO 02/077493 (13) A1
(21) PCT/EP02/03174
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 01201087.2 23 Mar/mar 2001 EP
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONTINUOUSLY VARIABLE TRANSMISSION HAVING AN ACCURATE PRESSURE CONTROL SYSTEM
• TRANSMISSION A CHANGEMENT DE VITESSE CONTINU, EQUIPEE D'UN SYSTEME DE REGLAGE DE PRESSION AVEC PRECISION

(71) VAN DOORNE'S TRANSMISSIE B.V. [NL/NL]; Patent Department, P.O. Box 500, NL-5000 AM Tilburg (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIENKS, Maurice, Didier [NL/NL]; Primulastraat 61, 5644 LJ Eindhoven (NL). VAN DER SLUIS, Francis, Maria, Antonius [NL/NL]; Van Merodestraat 19, NL-5271 HP Sint-Michielsgestel (NL). HESSELS, Johannes, Louis, Leonardus [NL/NL]; Hurksestraat 18D, NL-5652 AK Eindhoven (NL).

(74) VAN DOORNE'S TRANSMISSIE B.V.; Patent Department, P.O. Box 500, NL-5000 AM Tilburg (NL).

(81) JP KR US.

(51)⁷ F16H 61/02, 61/10
(11) WO 02/077494 (13) A1
(21) PCT/DE02/01002
(22) 20 Mar/mar 2002 (20.03.2002)
(25) de (26) de
(30) 101 14 267.6 22 Mar/mar 2001 DE
(22.03.2001)
(30) 101 26 255.8 29 May/mai 2001 DE
(29.05.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR CONTROLLING AND/OR ADJUSTING AN AUTOMATIC TRANSMISSION OF A VEHICLE
• PROCEDE PERMETTANT DE COMMANDER ET / OU DE REGULER LA BOITE DE VITESSES AUTOMATIQUE D'UN VEHICULE

(71) LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOLL, Bernhard [DE/DE]; Am Weinberg 39, 82239 Alling (DE). VORNEHM, MARTIN [DE/DE]; Im Grün 47, 77815 Bühl (DE). ENDERLIN, Ralf [DE/DE]; Alter Burgweg 5, 77815 Bühl (DE).

SCHWEIZER, Alexander [DE/DE]; Am Schäferloch 20, 75045 Walzbachtal (DE).

(74) LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG; Rotter, Gerhard, 77813 Bühl (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 F16H 105/00
(11) WO 02/077495 (13) A2
(21) PCT/EP02/03141
(22) 21 Mar/mar 2002 (21.03.2002)
(25) de (26) de
(30) 101 15 127.6 27 Mar/mar 2001 DE
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TRANSMISSION
• SYSTEME DE TRANSMISSION

(71) ZF FRIEDRICHSHAFEN AG [DE/DE]; 88038 Freidrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EHRLINGER, Friedrich, J. [DE/DE]; Schienerbergweg 22, 88048 Friedrichshafen (DE).

(74) ZF FRIEDRICHSHAFEN AG; 88038 Friedrichshafen (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 F16J
(11) WO 02/077496 (13) A2
(21) PCT/US02/09003
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 09/819,121 27 Mar/mar 2001 US
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METAL-TO-METAL SEAL WITH SOFT METAL INSERT
• JOINT METAL SUR METAL A PIECE RAPPORTEE EN METAL TENDRE

(71) FMC TECHNOLOGIES, INC. [US/US]; 200 East Randolph Street, Chicago, IL 60601 (US).

(72) JANOFF, Dwight, D.; 3719 Mission Valley Drive, Missouri City, TX 77459 (US). VICIC, John, C.; 6411 Oak Masters Drive, Missouri City, TX 77459 (US). GLIDDEN, Gregory, L.; 17718 Valley Palms Drive, Spring, TX 77379 (US). CRAWFORD, Neil,

C.; 19023 Oakway Drive, Spring, TX 77388 (US).

(74) BUSH, Gary, L.; Andrews & Kurth, L.L.P., Suite 4200, 600 Travis, Houston, TX 77002-2778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 F16J 12/00, A47C 3/30, F16F 9/02

(11) WO 02/077497 (13) A1
(21) PCT/ES02/00147
(22) 22 Mar/mar 2002 (22.03.2002)
(25) es (26) es
(30) P 200100685 23 Mar/mar 2001 ES
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • GAS CYLINDER WITH A DOUBLE JACKET
• CYLINDRE A GAZ A DOUBLE CHEMISE

(71) MONTAJES MECANICOS LEZO, S.L. [ES/ES]; 36 Sagasti, E-20100 Lezo (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARANDIARAN SALAVERRIA, Javier [ES/ES]; Avenida de Navarra, 20, E-20013 San Sebastian (ES).

(74) TRIGO PECES, José, Ramón; Gran Vía, 40, E-28013 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16J 13/10, F25B 39/04, 43/00

(11) WO 02/077498 (13) A2
(21) PCT/FR02/01002
(22) 22 Mar/mar 2002 (22.03.2002)
(25) fr (26) fr
(30) 01/04029 26 Mar/mar 2001 FR
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AIR CONDITIONING CONDENSER COLLECTOR VESSEL CLOSURE AND COLLECTOR VESSEL COMPRISING SAME

- BOUCHON DE RESERVOIR DE CONDENSEUR DE CLIMATISATION ET RESERVOIR COMPORTANT CE BOUCHON
- (71) VALEO THERMIQUE MOTEUR [FR/FR]; 8, rue Louis Lormand, F-78321 La Verrière (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LAVENU, Jean [FR/FR]; 20, rue Gayat, F-51110 Caurel (FR).
- (74) ROLLAND, Jean-Christophe; Valeo Thermique Moteur, 8, rue Louis Lormand, F-78321 La Verrière (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 F16J 15/34, 15/40
- (11) WO 02/077499 (13) A1
- (21) PCT/US01/09048
- (22) 22 Mar/mar 2001 (22.03.2001)
- (25) en (26) en
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ROTARY SEALING DEVICE
- DISPOSITIF D'ETANCHEITE ROTATIF
- (71) KALSI ENGINEERING, INC. [US/US]; 745 Park Two Drive, Sugar Land, TX 77478 (US).
- (71, 72) KALSI, Manmohan, S. [US/US]; 13307 Carousel Court, Houston, TX 77041 (US).
(only for / seulement pour US)
- (72, 75) DIETLE, Lannie, L. [US/US]; 805 Lakeview Drive, Sugar Land, TX 77478 (US). HEIDT, Gunther [CA/CA]; 80 Mount Kidd Point Southeast, Calgary, Alberta T2Z 3C5 (CA). CONROY, William, T. [/]; 4011 Cedarwood Drive, Pearland, TX 77584 (US). GOBELI, Jeffrey, D. [US/US]; 1445 Lakeside Estates Drive, Apt. 2001, Houston, TX 77042 (US). SCHROEDER, John, E. [US/US]; 1518 Alma Ct., Richmond, TX 77469 (US).
- (74) JACKSON, James, L.; Andrews & Kurth, L.L.P., 600 Travis, Suite 4200, Houston, TX 77002-2778 (US).
- (81) CA US.
- Published / Publiée : (a)
-
- (51)⁷ F16J 15/447
- (11) WO 02/077500 (13) A1
- (21) PCT/JP02/01870
- (22) 28 Feb/fév 2002 (28.02.2002)
- (25) ja (26) ja
- (30) 2001-87435 26 Mar/mar 2001 JP (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ROTARY MACHINE WITH SEAL
- MACHINE ROTATIVE AVEC JOINT D'ETANCHEITE
- (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) UCHIDA, Tatsuro [JP/JP]; 5-1-2508-823, Shiomidai 2-chome, Isogo-ku, Yokohama-shi, Kanagawa 235-0022 (JP). KIKUCHI, Masataka [JP/JP]; 1461, Amanuma, Chigasaki-shi, Kanagawa 253-0004 (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 DE US.
-
- (51)⁷ F16K 1/30, 1/52
- (11) WO 02/077501 (13) A1
- (21) PCT/CH02/00160
- (22) 15 Mar/mar 2002 (15.03.2002)
- (25) de (26) de
- (30) 01810295.4 22 Mar/mar 2001 EP (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • RAPID CONNECTOR SYSTEM
- SYSTEME DE RACCORDEMENT RAPIDE
- (71) GEBR. GLOOR AG [CH/CH]; Kirchbergstrasse 111, CH-3401 Burgdorf (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BERNHARD, Ernst [CH/CH]; Bielstrasse 32, CH-2558 Aegerten (CH).
- (74) OTTOW, Jens, M.; Isler & Pedrazzini AG, Gotthardstrasse 53, Postfach 6940, CH-8023 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 F16K 1/44, 31/06
- (11) WO 02/077502 (13) A1
- (21) PCT/DE02/00377
- (22) 2 Feb/fév 2002 (02.02.2002)
- (25) de (26) de
- (30) 101 14 175.0 23 Mar/mar 2001 DE (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COAXIAL SOLENOID VALVE
- SOUPEPE ELECTROMAGNETIQUE COAXIALE
- (71) KARL DUNGS GMBH & CO. [DE/DE]; Siemensstrasse 6-10, 73660 Urbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BERGER, Siegfried [DE/DE]; In den Schiessgärten 2/4, 73278 Schlierbach (DE). FORSTER, Joachim [DE/DE]; Graslitzer Weg 10, 71364 Winnenden (DE).
- (74) RÜGER, BARTHELT & ABEL; Webergasse 3, 73278 Esslingen a.N. (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ F16K 3/02
- (11) WO 02/077503 (13) A1
- (21) PCT/DE02/01008
- (22) 19 Mar/mar 2002 (19.03.2002)
- (25) de (26) de
- (30) 201 05 166.4 23 Mar/mar 2001 DE (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SLIDING DEVICE
- DISPOSITIF COULISSANT
- (71) BÜ-SCH ARMATUREN GMBH [DE/DE]; Findelwiesenstrasse 15, 90478 Nürnberg (DE).
- (72) SCHMIDT, Horst; Salzburgerstrasse 109, 90475 Nürnberg (DE).
- (74) HAFNER, Dieter et al. / etc.; Schleiermacherstrasse 25, 90491 Nürnberg (DE).
- (81) CZ HU PL.
- (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 F16K 3/02
- (11) WO 02/077504 (13) A1
- (21) PCT/NO02/00117
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 101 14 566.7 24 Mar/mar 2001 DE (24.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • GATE VALVE
- CLAPET OBTURATEUR
- (71) DANFOSS ESCO AS [NO/NO]; Gamle Gomsrudvei 40, N-3612 Kongsberg (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GRAVNINGEN, Roar [NO/NO]; Andreas Nygaards vei 5, N-3617 Kongsberg (NO). SYVERTSEN, Jørn [NO/NO]; Sending, N-3618 Skollenborg (NO). NYGÅRD, Anders [NO/NO]; Gamle Kongsberg vei, N-3322 Darbu (NO). BIRKELAND, Hege, Lill [NO/NO]; Joacob Langes vei 47, N-3610 Kongsberg (NO). HJALLEN, Helge [NO/NO]; Vestliveien 4 C, N-3615 Kongsberg (NO).
- (74) LANGAN, Hans; Bryns Zacco AS, P.O. Box 765, Sentrum, N-0106 Oslo (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 21/18, 21/20

(11) WO 02/077505 (13) A1

(21) PCT/CR02/00003

(22) 15 Feb/fév 2002 (15.02.2002)

(25) es (26) es

(30) PI-20010030 16 Feb/fév 2001 GT
(16.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • EASY-TO-INSTALL, ME-
CHANICALLY-OPERATED
AUTOMATIC/MANUAL DEVICE FOR
CONTROLLING AN OUTLET FOR
WATER OR ANY FLUID

• DISPOSITIF AUTOMATIQUE/MA-
NUEL PERMETTANT DE CONTROLER
LA SORTIE D'EAU OU D'UN FLUIDE
QUELCONQUE, AU FONCTIONNE-
MENT MECANIQUE ET FACILE A
INSTALLER

(71) MADRIGAL CHAVARRIA, Ana Lidieth
[CR/CR]; Apdo. Postal 2225-1002, Paseo de
los Estudiantes, Santa José (CR).

(72, 75) SOSA, Rafael [/]; Ave. Bolívar 32-30,
zona 3, Guatemala (GT).

(74) GOMEZ ROBLETO, Luis Carlos; Apdo.
Postal 450-1000, San José (CR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les
designations

(t) for all designations / pour toutes les
designations

(u) for / pour US only / seulement

(51)⁷ F16K 31/06, F15B 13/04

(11) WO 02/077506 (13) A1

(21) PCT/DE02/00928

(22) 15 Mar/mar 2002 (15.03.2002)

(25) de (26) de

(30) 101 14 472.5 24 Mar/mar 2001 US
(24.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELECTROMAGNET FOR ACTUATING
A HYDRAULIC VALVE

• ELECTRO-AIMANT DESTINE A EN-
TRAÎNER UNE SOUPAPE HYDRAU-
LIQUE

(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) BRAUN, Jerg [DE/DE]; Zwergen-
weg 12, 70567 Stuttgart (DE). SANZEN-
BACHER, Hermann [DE/DE]; Richard
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(DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ F16L

(11) WO 02/077507 (13) A2

(21) PCT/EP02/04195

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 0107637.1 27 Mar/mar 2001 GB
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPROVEMENTS IN OR RELATING
TO UNDERWATER PIPE-LAYING

• AMELIORATIONS CONCERNANT OU
RELATIVES A LA POSE D'OLEODUCS
SOUS-MARINS

(71) SAIPEM S.P.A. [IT/IT]; Via Martiri di Ce-
falonia 67, San Donato Milanese, I-20097 Mi-
lan (IT).

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les États désignés sauf US)

(72, 75) TOSI, Luciano [IT/IT]; Via Solferino 6,
Fiorenzuola (PC), I-29017 (IT). BONELLI,
Renato [IT/IT]; Via Nenni, 2, Matelica,
I-62024 (IT).

(74) BARDO, Julian, Eason 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 CH CY DE DK ES
FI FR GB GR IE IT 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 F16L 3/00, F24D 3/14

(11) WO 02/077508 (13) A1

(21) PCT/EP02/03177

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 14 562.4 24 Mar/mar 2001 DE
(24.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FIXING DEVICE FOR FIXING A TUBE
OR A TUBULAR ARRANGEMENT BE-
TWEEN THE REINFORCEMENT LAY-
ERS OF A CONCRETE PLATE

• DISPOSITIF DE FIXATION DESTINE A
LA FIXATION D'UN TUBE OU D'UN

SYSTEME DE TUBES ENTRE DES
COUCHES D'ARMATURES D'UNE
DALLE EN BETON

(71) UPONOR INNOVATION AB [SE/SE]; In-
dustriavägen, S-513 81 Fristad (SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TERHAAR, Christian [DE/DE]; Am
Tor 31, 48683 Ahaus-Ottenstein (DE).

(74) HILLERINGMANN, Jochen et al. / etc.;
Postfach 10 22 41, 50462 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 F16L 33/02

(11) WO 02/077509 (13) A1

(21) PCT/EP02/03259

(22) 22 Mar/mar 2002 (22.03.2002)

(25) de (26) de

(30) 01107515.7 26 Mar/mar 2001 EP
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TUBE CLAMP

• COLLIER DE SERRAGE DE TUYAU

(71) HANS OETIKER AG MASCHINEN-
UND APPARATEFABRIK [CH/CH];
Oberdorfstrasse 21, CH-8812 Horgen (CH).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) OETIKER, Hans [CH/CH]; Oberdorfs-
trasse 21, CH-8812 Horgen (CH). MEIER,
Ulrich [CH/CH]; Fuhrstrasse 13, CH-8820
Wädenswil (CH).

(74) STREHL, SCHÜBEL-HOPF & PART-
NER; Maximilianstrasse 54, 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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (a)

Declaration / Déclaration :

(s) for the following designations / pour les
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 VN YU ZA
ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ
TM) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT 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 F16L 33/207, 13/14

(11) WO 02/077510 (13) A1

(21) PCT/EP02/03369

(22) 26 Mar/mar 2002 (26.03.2002)

(25) de (26) de

(30) 101 15 006.7 26 Mar/mar 2001 DE
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PIPE CONNECTOR

• RACCORDEMENT DE TUYAUX

(71) UPONOR INNOVATION AB [SE/SE]; In-
dustrivägen, S-51381 Fristad (SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RIESSELMANN, Franz-Josef
[DE/DE]; Lerchenstr. 6, 49393 Lohne (DE).
BRÄGELMANN, Peter [DE/DE]; Mendel-
weg 25, 48607 Ochtrup (DE). KÖHLER,
Guido [DE/DE]; Werner-von-Siemens-Str.
3, 48607 Ochtrup (DE).

(74) HILLERINGMANN, Jochen et al. / etc.;
Postfach 10 22 41, 50462 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 F16L 37/084, 37/12

(11) WO 02/077511 (13) A1

(21) PCT/US02/09722

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/279,140 27 Mar/mar 2001 US
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RAPID CONNECTION COUPLING

• SYSTEME DE RACCORDEMENT RA-
PIDE

(71) INVACARE CORPORATION [US/US];
One Invacare Way, Elyria, OH 44035 (US).
(only for / seulement pour AU CA JP NZ)

(71) WEH GMBH [DE/DE]; Siemensstrasse 5,
89257 Illertissen (DE).

(only for / seulement pour AT BE CH CY DE
DK ES FI FR GB GR IE IT LU MC NL PT SE
TR)

(72, 75) NUTTALL, David, A. [US/US]; 826
Valley Drive, Amherst, OH 44001 FARWER,
Jens [DE/DE]; -WEH, Wolfgang [DE/DE];
Siemensstrasse 5, 89257 Illertissen (DE).

WEH, Erwin [DE/DE]; Siemensstrasse 5,
89257 Illertissen (DE).

(74) MOORHEAD, Sean, T.; Calfee, Halter &
Griswold LLP, 1400 McDonald Investment
Center, 800 Superior Avenue, Cleveland, OH
44114 (US).

(81) AU CA JP NZ 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 F16L 55/165, E21D 11/00, 11/38

(11) WO 02/077512 (13) A1

(21) PCT/EP02/01680

(22) 16 Feb/fév 2002 (16.02.2002)

(25) de (26) de

(30) 101 14 625.6 23 Mar/mar 2001 DE
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE, METHOD AND LAYING
DEVICE FOR HYDRAULICALLY SUP-
PORTING A TUNNEL

• DISPOSITIF, PROCEDE ET SYSTEME
DE POSE PERMETTANT D'ASSURER
LE SOUTIEN HYDRAULIQUE D'UN
TUNNEL

(71, 72) DE LA MOTTE, Peter, Wilhelm
[DE/DE]; Am Stüb 12, 21465 Reinbek (DE).

(74) SCHAEFER, Konrad; Schaefer & Emmel,
Gehölzweg 20, 22043 Hamburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG US
UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 F16L 59/02, 59/06

(11) WO 02/077513 (13) A1

(21) PCT/EP01/03329

(22) 23 Mar/mar 2001 (23.03.2001)

(25) de (26) de

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SHEET- OR HOLLOW CYLIN-
DER-SHAPED INSULATION PIECE

• PIECE D'ISOLATION SOUS FORME
DE PANNEAU OU DE CYLINDRE
CREUX

(71) ARMACELL ENTERPRISE GMBH
[DE/DE]; Robert-Bosch-Strasse 10, D-48153
Münster (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MANZO, Felice [IT/IT]; Via Torino, 10,
I-28041 Arona (IT). PASQUALATO, Renzo
[IT/IT]; Via Pescaria, 38, I-24124 Bergamo
(IT).

(74) FINCK, Dieter; v. Fünér Ebbinghaus Finck
Hano, Mariahilfplatz 2 & 3, 81541 München
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG).

(51)⁷ F16L 59/02

(11) WO 02/077514 (13) A1

(21) PCT/EP01/05292

(22) 9 May/mai 2001 (09.05.2001)

(25) de (26) de

(30) 201 05 083.8 23 Mar/mar 2001 DE
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PLATE-SHAPED OR TUBULAR INSU-
LATING MATERIAL

• MATERIAU ISOLANT EN FORME DE
PLAQUES OU DE TUYAUX

(71) ARMACELL ENTERPRISE GMBH
[DE/DE]; Robert-Bosch-Strasse 10, 48153
Münster (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GRÄTER, Horst [DE/DE]; An der
Konradkirche 2a, 48155 Münster (DE).
STAMM, Armin [DE/DE]; Mühlenfurt
2, 48324 Albersloh (DE). THIES, Bern-
hard [DE/DE]; Dorfheide 16, 59387 As-
cheberg (DE). HÖFLING, Dirk [DE/DE];
Otto-Grotewohl-Ring 26, 07937 Zeulenroda
(DE).

(74) FINCK, Dieter et al. / etc.; von Fünér
Ebbinghaus Finck Hano, Mariahilfplatz 2 &
3, 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 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 F17D 1/00, F02C 3/22, 6/18, 3/34, C10L
3/06, F17C 11/00

(11) WO 02/077515 (13) A1

(21) PCT/JP02/02071

(22) 6 Mar/mar 2002 (06.03.2002)

(25) ja (26) ja

(30) 2001-61332 6 Mar/mar 2001 JP
(06.03.2001)

(30) 2002-44528 21 Feb/fév 2002 JP
(21.02.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • ELECTRIC POWER LEVELING METHOD AND METHANE HYDRATE COLD-HEAT UTILIZATION POWER GENERATING SYSTEM IN GAS SUPPLY BUSINESS
- PROCEDE DE MISE A NIVEAU DE PUISSANCE ELECTRIQUE ET SYSTEME DE GENERATION DE PUISSANCE D'UTILISATION DE FROID ET DE CHALEUR A HYDRATE DE METHANE DANS L'ALIMENTATION EN GAZ
- (71) MITSUI ENGINEERING & SHIP-BUILDING CO.,LTD. [JP/JP]; 6-4, Tsukiji 5-chome, Chuo-ku, Tokyo 104-8439 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUZUKI, Takeshi [JP/JP]; c/o Mitsui Engineering & Shipbuilding Co., Ltd., 6-4, Tsukiji 5-chome, Chuo-ku, Tokyo 104-8439 (JP).
- (74) OGAWA, Shin-ichi et al. / etc.; Ogawa, Noguchi & Saika International Patent Office, Akiyama Building, 22-13, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 F21S 8/08, F21V 7/09 // F21W 131:101, 131:103
- (11) WO 02/077516 (13) A1
- (21) PCT/IB02/00933
- (22) 19 Mar/mar 2002 (19.03.2002)
- (25) en (26) en
- (30) 01201099.7 23 Mar/mar 2001 EP (23.03.2001)
- (30) 01204011.9 22 Oct/oct 2001 EP (22.10.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • LUMINAIRE
- LUMINAIRE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) WIJBENGA, Hendrik; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). ENTROP, Jean, P.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). ERKAMP, Cornelis, J., M.; 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ F21V 7/22, 7/09
- (11) WO 02/077517 (13) A1
- (21) PCT/IB02/00688
- (22) 5 Mar/mar 2002 (05.03.2002)
- (25) en (26) en
- (30) 01201098.9 23 Mar/mar 2001 EP (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • LUMINAIRE
- LUMINAIRE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) WIJBENGA, Hendrik; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). ENTROP, Jean, P.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) DUSSELDORP, Jan, C.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ F21V 9/16
- (11) WO 02/077518 (13) A1
- (21) PCT/US02/08725
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 60/277,827 22 Mar/mar 2001 US (22.03.2001)
- (30) 60/278,021 22 Mar/mar 2001 US (22.03.2001)
- (30) 60/277,561 22 Mar/mar 2001 US (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • INTEGRATED ILLUMINATION SYSTEM
- SYSTEME LUMINEUX INTEGRE
- (71) LUMIMOVE, INC. [US/US]; 950 Bolger Court, Fenton, MO 63026 (US).
- (72) MURASKO, Matthew; 408 Marine Avenue, Mahattan Beach, CA 90266 (US). KINLEN, Patrick, J.; 1348 Remington Oaks Terrace, Fenton, MO 63026 (US).
- (74) RUDY, William, A.; Lathrop & Gage LC, Suite 2800, 2345 Grand Boulevard, Kansas City, MO 64108 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 F21V 19/00, F21S 4/00
- (11) WO 02/077519 (13) A1
- (21) PCT/US02/08991
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 60/277,715 21 Mar/mar 2001 US (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • FLEXIBLE CIRCUIT BOARD WITH LED LIGHTING
- CARTE A CIRCUIT IMPRIME SOUPLE AVEC ECLAIRAGE DEL
- (71) SUPERVISION INTERNATIONAL, INC. [US/US]; 8210 Presidents Drive, Orlando, FL 32809 (US).
- (72) ARCHER, Roy; 2429 Kennoway Court, Ocoee, FL 34761 (US). FURRY, Kevin, A.; 100 Meadow Lake Court, Folsom, CA 95630 (US).
- (74) NIXON, Norman, A.; Beusse, Brownlee, Bowdoin & Wolter, P.A., Suite 2500, 390 N. Orange Avenue, Orlando, FL 32801 (US).
- (81) CN SG.
- (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 F21V 21/084
- (11) WO 02/077520 (13) A1
- (21) PCT/US02/08724
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 60/277,828 22 Mar/mar 2001 US (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • INTEGRATED HELMET ILLUMINATION SYSTEM
- SYSTEME D'ECLAIRAGE DE CASQUE INTEGRE
- (71) LUMIMOVE, INC. [US/US]; 950 Bolger Court, Fenton, MO 63026 (US).
- (72) MURASKO, Matthew; 408 Marine Avenue, Manhattan Beach, CA 90266 (US). KINLEN, Patrick, J.; 1348 Remington Oaks Terrace, Fenton, MO 63026 (US).
- (74) RUDY, William, A.; Lathrop & Gage LC, Suite 2800, 2345 Grand Boulevard, Kansas City, MO 64108 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 F21V 21/10 // F21W 131:00, F21Y 103:00
 (11) WO 02/077521 (13) A1
 (21) PCT/CN02/00174
 (22) 18 Mar/mar 2002 (18.03.2002)
 (25) zh (26) zh
 (30) 01209603.2 28 Mar/mar 2001 CN (28.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • LAMP DEVICE
 • DISPOSITIF LAMPE
 (71, 72) XU, Nuomimg [CN/CN]; The Haohan Lishui Electric Factory, N^o 12, Lihe Road, Lishui County, Nanhai City, Guangdong Province 528244 (CN).
 (74) CHINA SCIENCE PATENT & TRADE-MARK AGENT LTD; 16/F, Zhongke Building, Haidian Road 80, Haidian District, Beijing 100080 (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 (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 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) 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 GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 F21V 31/03, B01D 53/26
 (11) WO 02/077522 (13) A2
 (21) PCT/US02/11168
 (22) 26 Mar/mar 2002 (26.03.2002)
 (25) en (26) en
 (30) 60/278,608 26 Mar/mar 2001 US (26.03.2001)
- (30) 10/105,952 25 Mar/mar 2002 US (25.03.2002)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • DEVICE FOR REDUCING THE PRESENCE OF MOISTURE WITHIN AN ENCLOSURE CONTAINING A HEAT SOURCE
 • DISPOSITIF PERMETTANT DE REDUIRE LA PRESENCE D'HUMIDITE A L'INTERIEUR D'UN ESPACE FERME CONTENANT UNE SOURCE DE CHALEUR
 (71) GORE ENTERPRISE HOLDINGS, INC. [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).
 (72) DEGUISEPPI, Dave, T.; 844 McComb Lane, Chadds Ford, PA 19317 (US). DEWITT, Kerry, L.; 4759 Weatherhill Drive, Wilmington, DE 19808 (US). JOHNSON, Amy, Elizabeth; 684 Sunshine Drive, Cordova, TN 38018 (US).
 (74) WHITE, Carol A., Lewis et al. / etc.; W. L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL 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).
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- (51)⁷ F21V 33/00, B62J 6/00
 (11) WO 02/077523 (13) A1
 (21) PCT/DK02/00204
 (22) 25 Mar/mar 2002 (25.03.2002)
 (25) da (26) en
 (30) PA 2001 00490 23 Mar/mar 2001 DK (23.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • LIGHT EMITTING APPARATUS
 • DISPOSITIF ELECTROLUMINESCENT
 (71) BEHIND THE LIGHT APS [DK/DK]; Østergade 17, DK-6270 Tønder (DK).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) RIIS, Morten [DK/DK]; Østergade 18, DK-6280 Højer (DK). ERIKSEN, Karsten [DK/DK]; Herbergsgade 1, DK-6280 Højer (DK).
 (74) PATRADE A/S; Fredens Torv 3A, DK-8000 Aarhus C (DK).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
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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).
 Published / Publiée : (c)
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- (51)⁷ F23D 11/36
 (11) WO 02/077524 (13) A1
 (21) PCT/US02/09275
 (22) 25 Mar/mar 2002 (25.03.2002)
 (25) en (26) en
 (30) 09/819,021 27 Mar/mar 2001 US (27.03.2001)
 (30) 09/817,278 27 Mar/mar 2001 US (27.03.2001)
 (30) 09/ 1 Mar/mar 2002 US (01.03.2002)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • MULTI-MODE LIGHTER
 • BRIQUET A MODES MULTIPLES
 (71) BIC CORPORATION [US/US]; 500 Bic Drive, Milford, CT 06460 (US).
 (72) ADAMS, Paul; 21 Perry Drive, Monroe, CT 06468 (US). FAIRBANKS, Floyd; 103 Birch Lane, Naugatuck, CT 06437 (US). SGROI, Anthony, Jr.; 64 Bayberry Drive, Wallingford, CT 06492 (US). TUBBY, Brian; 79 Hawley Avenue, Milford, CT 06460 (US). UKLEJA, Jeffrey, F.; 334 Peck Avenue, West Haven, CT 06516 (US).
 (74) NORMILE, John, J. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F23D 14/14, 14/16, F23C 11/00
 (11) WO 02/077525 (13) A1
 (21) PCT/EP02/03342
 (22) 25 Mar/mar 2002 (25.03.2002)
 (25) de (26) de
 (30) 101 14 903.4 26 Mar/mar 2001 DE (26.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • BURNER FOR A GAS AND AIR MIXTURE
 • BRULEUR POUR MELANGE GAZ/AIR
 (71) INVENT GMBH - ENTWICKLUNG NEUER TECHNOLOGIEN [DE/DE]; Am Weichselgarten 21, 91058 Erlangen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VOLKERT, Jochen** [DE/DE]; Haunritzer Weg 30, 91224 Pommelbrunn (DE). **GOEBEL, Peter** [DE/DE]; Tylestrasse 10, 35066 Frankenberg (DE).

(74) **GASSNER, Wolfgang**; Nägelsbachstr. 49A, 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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 F23D 14/62

(11) **WO 02/077526** (13) A1

(21) PCT/EP02/03003

(22) **19 Mar/mar 2002 (19.03.2002)**

(25) en (26) en

(30) PD01A000071 **23 Mar/mar 2001 IT (23.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A SYSTEM FOR CONNECTING AN AIR-GAS MIXING DEVICE TO A FAN, PARTICULARLY FOR GAS BOILERS AND SIMILAR APPARATUS

• SYSTEME DE CONNEXION D'UN DISPOSITIF DE MELANGE AIR-GAZ A UN VENTILATEUR NOTAMMENT POUR CHAUDIERES A GAZ ET APPAREIL SIMILAIRE

(71) **SIT LA PRECISA S.P.A.** [IT/IT]; Viale dell'Industria, 31/33, I-35129 Padova (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VERONESE, Giuseppe** [IT/IT]; Via Cataio, 29, I-35036 Montegrotto Terme (ITA). **CHIORLIN, Alessandro** [IT/IT]; Via Leonardo da Vinci, 8, I-35020 Tribano (IT).

(74) **FABRIS, Stefano et al.** / etc.; Cantaluppi & Partners S.R.L., Via Matteotti, 26, I-35137 Padova (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)

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 CH CY DE DK ES FI FR GB GR IE 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 F23N 1/00, F02D 41/14

(11) **WO 02/077527** (13) A1

(21) PCT/EP02/02136

(22) **28 Feb/fév 2002 (28.02.2002)**

(25) de (26) de

(30) 101 10 184.8 **2 Mar/mar 2001 DE (02.03.2001)**

(30) 101 12 160.1 **14 Mar/mar 2001 DE (14.03.2001)**

(30) 101 60 412.2 **10 Dec/déc 2001 DE (10.12.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR REGULATING A THERMODYNAMIC PROCESS IN PARTICULAR A COMBUSTION PROCESS

• PROCEDE DE REGULATION D'UN PROCESSUS THERMODYNAMIQUE, EN PARTICULIER D'UN PROCESSUS DE COMBUSTION

(71) **POWITEC INTELLIGENT TECHNOLOGIES GMBH** [DE/DE]; Im Teelbruch 134b, 45219 Essen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WINTRICH, Franz** [DE/DE]; Berkenberg 25a, 45309 Essen (DE). **STEPHAN, Volker** [DE/DE]; Lindenstr. 10, 99976 Hüpstedt (DE).

(74) **HELD, Thomas**; Klopstockstrasse 63, 70193 Stuttgart (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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS 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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 F23N 1/02, 5/18, F23D 14/60

(11) **WO 02/077528** (13) A1

(21) PCT/EP02/03253

(22) **22 Mar/mar 2002 (22.03.2002)**

(25) de (26) de

(30) 101 14 405.9 **23 Mar/mar 2001 DE (23.03.2001)**

(30) 101 14 901.8 **26 Mar/mar 2001 DE (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR ADJUSTING AIR RATIO

• PROCEDE ET DISPOSITIF DE REGLAGE DU RAPPORT AIR/CARBURANT

(71) **INVENT GMBH - ENTWICKLUNG NEUER TECHNOLOGIEN** [DE/DE]; Am Weichselgarten 21, 91058 Erlangen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOEBEL, Peter** [DE/DE]; Tylestrasse 10, 35066 Frankenberg (DE).

(74) **GASSNER, Wolfgang**; Nägelsbachstrasse 49a, 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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 F23N 5/24, 5/02

(11) **WO 02/077529** (13) A1

(21) PCT/IB02/00788

(22) **14 Mar/mar 2002 (14.03.2002)**

(25) de (26) de

(30) 101 14 823.2 **26 Mar/mar 2001 DE (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR MONITORING BURNERS

• PROCEDE ET DISPOSITIF DE CONTROLE DE BRULEURS

(71) **SIEMENS BUILDING TECHNOLOGIES AG** [CH/CH]; Bellerivestrasse 36, CH-8008 Zürich (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PFANNSTIEL, Dieter** [DE/DE]; Ginstertweg 30, 35066 Frankenberg (DE). **FELDMETH, Rainer** [DE/DE]; Karlsruherstrasse 63, 76287 Rheinstetten (DE). **KLUMPP, Volker** [DE/DE]; Kelterstrasse 15, 76599 Weisenbach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 F23N 5/24

(11) **WO 02/077530** (13) A1

(21) PCT/IT01/00149

(22) 26 Mar/mar 2001 (26.03.2001)

(25) it (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONTROL AND SAFETY DEVICE FOR VALVE MEANS

- DISPOSITIF DE CONTROLE ET DE SECURITE POUR SYSTEME DE VALVE

(71) SIT LA PRECISA S.P.A. [IT/IT]; Viale dell'Industria, 31/33, I-35131 Padova (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BICEGO, Lorenzo [IT/IT]; Via S. Pellico, 22, I-30175 Venezia (IT). GIACON, Franco [IT/IT]; Via Turr, 3, I-35138 Padova (IT).

(74) CANTALUPPI, Stefano et al. / etc.; Cantaluppi & Partners S.r.l., Via Matteotti 26, I-35137 Padova (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ 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 GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ F23Q 2/16, 2/28

(11) WO 02/077531 (13) A1

(21) PCT/ES02/00148

(22) 22 Mar/mar 2002 (22.03.2002)

(25) es (26) es

(30) P200100691 23 Mar/mar 2001 ES (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HOUSEHOLD LIGHTER WITH PIEZO-ELECTRIC IGNITION MECHANISM

- BRIQUET DOMESTIQUE POURVU D'UN MECANISME D'ALLUMAGE PIEZOELECTRIQUE

(71) FLAMAGAS S.A. [ES/ES]; Sales i Ferrer, 7, E-08041 Barcelona (ES). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUCAS PUIG-GRÓS, Juan [ES/ES]; Sales i Ferrer, 7, E-08041 Barcelona (ES).

(74) GONZALEZ VACAS, Eleuterio; Sagasta, 4, E-28004 Madrid (ES).

(81) AU CA CN JP MX NZ PH US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ F23Q 2/16, 2/46

(11) WO 02/077532 (13) A1

(21) PCT/ES02/00152

(22) 25 Mar/mar 2002 (25.03.2002)

(25) es (26) es

(30) P200100698 26 Mar/mar 2001 ES (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • POCKET LIGHTER
• BRIQUET DE POCHE

(71) FLAMAGAS S.A. [ES/ES]; Sales i Ferrer, 7, E-08041 Barcelona (ES). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUCAS PUIG-GRÓS, Juan [ES/ES]; Sales i Ferrer, 7, E-08041 Barcelona (ES).

(74) GONZALEZ VACAS, Eleuterio; Sagasta, 4, E-28004 Madrid (ES).

(81) AU BR CA CN ID IN JP MX NZ PH PL RU TR US VN ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ F24C 7/00

(11) WO 02/077533 (13) A1

(21) PCT/GB02/01400

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 0107377.4 23 Mar/mar 2001 GB (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • APPARATUS FOR SIMULATING A SOLID FUEL FIRE

- APPAREIL DE SIMULATION D'UN FEU DE COMBUSTIBLE SOLIDE

(71) VALOR LIMITED [GB/GB]; Wood Lane, Erdington, Birmingham B24 9QP (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) STOKES, Keith, Jonathan [GB/GB]; 24 Codsall Road, Claregate, Tettenhall, Wolverhampton CV6 9ED (GB). BYRNE, William, Anthony [GB/GB]; 20 Lyttleton Road, Droitwich Spa, Worcestershire WR9 7AA (GB).

(74) W.P. THOMPSON & CO.; Coopers Building, Church Street, Liverpool L1 3AB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 F24C 7/02, G06F 17/60

(11) WO 02/077534 (13) A1

(21) PCT/JP02/02735

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-82153 22 Mar/mar 2001 JP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COOKING-RELATED INFORMATION PROVIDING SYSTEM, COOKING-RELATED INFORMATION PROVIDING APPARATUS, COOKING APPARATUS, COOKING-RELATED INFORMATION PROVIDING METHOD, COOKING-RELATED INFORMATION FETCH METHOD, COOKING-RELATED INFORMATION PROVIDING PROGRAM, AND COOKING-RELATED INFORMATION FETCH PROGRAM

- SYSTEME DE FOURNITURE D'INFORMATION DE CUISSON, APPAREIL ASSOCIE, APPAREIL DE CUISSON, PROCEDE DE FOURNITURE D'INFORMATION DE CUISSON, PROGRAMME ASSOCIE, PROCEDE DE MISE EN PLACE D'INFORMATION DE CUISSON ET PROGRAMME ASSOCIE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUDO, Takahiro [JP/JP]; 5-2-403, Myokenzaka, Katano-shi, Osaka 576-0021 (JP). MATSUURA, Satoshi [JP/JP]; 45-5, Tanabe-dojo, Kyotanabe-shi, Kyoto 610-0311 (JP). OZAWA, Jun [JP/JP]; 3810-2-506, Ohbuchi-cho, Nara-shi, Nara 631-0005 (JP). SANO, Masaaki [JP/JP]; 21, Nishitoriguchi, Sato, Kamo-cho, Soraku-gun, Kyoto 619-1152 (JP). KASHIMOTO, Takashi [JP/JP]; 308-15, Hokkeji-cho, Nara-shi, Nara 630-8001 (JP).

(74) MAEDA, Hiroshi et al. / etc.; Taihei Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ F24F 1/02

(11) WO 02/077535 (13) A1

(21) PCT/JP01/02352

(22) 23 Mar/mar 2001 (23.03.2001)

(25) ja (26) ja

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AIR CONDITIONER AND METHOD OF INSTALLING THE AIR CONDITIONER

- CLIMATISEUR ET PROCEDE D'INSTALLATION DE CE CLIMATISEUR

(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) INOUE, Seiji [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP). ISHIKAWA, Norikazu [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP). FUKUSHIMA, Akio [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) AU CN ES GB JP US.

(51)⁷ F24F 3/14, 12/00

(11) WO 02/077536 (13) A1

(21) PCT/FI02/00204

(22) 14 Mar/mar 2002 (14.03.2002)

(25) fi (26) en

(30) 20010544 19 Mar/mar 2001 FI (19.03.2001)

(30) 20020349 22 Feb/fév 2002 FI (22.02.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • VENTILATION, DEHUMIDIFICATION AND HEAT RECOVERY APPARATUS
• APPAREIL DE VENTILATION, DE DEHUMIDIFICATION ET DE RECUPERATION DE CHALEUR

(71) MG INNOVATIONS CORP. [FI/FI]; Kauppakatu 7, FIN-87100 Kajaani (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOILALA, Kari [FI/FI]; Linnanpolku 3, FIN-87200 Kajaani (FI).

(74) MOILALA, Kari; MG Innovations Corp., Kauppakatu 7, FIN-87100 Kajaani (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 F24F 3/16, B01D 47/06, 50/00

(11) WO 02/077537 (13) A1

(21) PCT/US02/09211

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/279,191 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR CLEANING AIR
• PROCEDE ET APPAREIL POUR L'EPURATION DE L'AIR

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) FORNAI, Daniele; Via Ringhino 228/19, I-40045 Granaglione (Bologna) (IT). KOUVROUKOGLU, Stylianos; Via Remo Pannain 34, I-00165 Roma (IT). RICCI, Patrizio; Beukendreef, 50, B-1850 Grimbergen (BE). RIZZO, Renzo; 10410 Stone Court, Cincinnati, OH 45242 (US). ROSSI, Sergio; Via Formignana 68, I-44100 Ferrara (IT). ARGENTIERI, Andrea, Angelo; Avenue du Congo, 2, B-1050 Ixelles-Bruxelles (BE). SCIALLA, Stefano; Via Rastrelli, 81, I-00128 Rome (IT).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 F24F 7/06, F04D 29/52

(11) WO 02/077538 (13) A1

(21) PCT/ES02/00131

(22) 20 Mar/mar 2002 (20.03.2002)

(25) es (26) es

(30) U200100848 23 Mar/mar 2001 ES (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SUPPORT FOR AN AXIAL IMPULSE DEVICE FOR GASEOUS FLUIDS
• SUPPORT POUR DISPOSITIF A IMPULSION AXIALE DE FLUIDES GAZEUX

(71) ELECTRO MECANICA CATA S.A. [ES/ES]; Angel Guimerà 16-17, E-08570 Torello (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOMS i FORCADA, Jordi [ES/ES]; Canigó 14, E-08500 Vic (ES). ROURA i HOMS, Josep [ES/ES]; Pallars Sobirà 14, E-17500 Ripoll (ES).

(74) CURELL SUÑOL, Marcelino et al. / etc.; Passeig de Gràcia 65bis, E-08008 Barcelona (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 F24F 13/06, 1/00

(11) WO 02/077539 (13) A1

(21) PCT/IT01/00137

(22) 20 Mar/mar 2001 (20.03.2001)

(25) it (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AIR-DISTRIBUTION CAP FOR A CONVECTOR
• COUVERCLE DE DISTRIBUTION D'AIR POUR CONVECTEUR

(71) AERMEC S.P.A. [IT/IT]; Via Roma, 44, I-37040 Bevilacqua (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIELLO, Valerio, Giordano [IT/IT]; c/o Aermec S.p.A., Via Roma, 44, I-37040 Bevilacqua (IT).

(74) SIMINO, Massimo et al. / etc.; Perani Mezzanotte & Partners, Piazza San Babila, 5, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 F24H 7/00

(11) WO 02/077540 (13) A1

(21) PCT/KR02/00451

(22) 15 Mar/mar 2002 (15.03.2002)

(25) ko (26) en

(30) 2001-0007067 15 Mar/mar 2001 KR (15.03.2001)

(30) 2001-0007905 22 Mar/mar 2001 KR (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • REGENERATIVE TYPE MIDNIGHT ELECTRIC BOILER WITH AN EXTERIOR HEATING DEVICE
• CHAUDIERE ELECTRIQUE DE NUIT DE TYPE REGENERATIF COMPORTANT UN ELEMENT DE CHAUFFAGE EXTERIEUR

(71) DAEWON ELECTRIC COMPANY LIMITED [KR/KR]; 245-10 Gyosung-ri, Jinchun-eup, Jinchun-gun, Choongchungbuk-do365-803 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KWON, Sae-Won [KR/KR]; 232-6 Yeontan-ri, Jeungpyung-eup, Goisan-gun, Choongchungbuk-do367-906 (KR).

(74) LEE, Sang-Jin; Rm. 302 Jangwon-Bldg. 824-38 Yeoksam-Dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 F24J 3/08

(11) WO 02/077541 (13) A1

(21) PCT/EP02/03183

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 14 448.2 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • THERMAL USE OF BORE HOLES IN THE GROUND OR IN MOUNTAINS AND PROBE FOR USING IN SAID BORE HOLES

• UTILISATION DE FORAGES EN SOUS-SOL OU EN MONTAGNE EN VUE D'UNE UTILISATION THERMIQUE, ET SONDE UTILISABLE POUR LES FORAGES

(71) TRACTO-TECHNIK GMBH [DE/DE]; Reierstr. 2, 57368 Lennestadt (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAYER, Hans-Joachim [DE/DE]; Bergstr. 13 A, 76275 Ettlingen (DE).

(74) KÖNIG, Reimar et al. / etc.; Lohengrinstr. 11, 40549 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 F25B

(11) WO 02/077542 (13) A2

(21) PCT/US02/08950

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/815,295 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HEATING AND REFRIGERATION SYSTEMS USING REFRIGERANT MASS FLOW

• SYSTEMES DE REFRIGERATION ET DE CHAUFFAGE UTILISANT UN DEBIT MASSIQUE DE REFRIGERANT

(71, 72) SMOLINSKY, David [US/US]; 3841 Seminole Avenue, Ft. Myers, FL 33916 (US).

(74) BARROW, Laura, G.; P.O. Box 215, Estero, FL 33928-0215 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 F25B 1/00

(11) WO 02/077543 (13) A1

(21) PCT/JP01/02440

(22) 27 Mar/mar 2001 (27.03.2001)

(25) ja (26) ja

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FREEZING SYSTEM USING NON-AZEOTROPIC TYPE MIXED REFRIGERANT

• SYSTEME DE CONGELATION FAISANT APPEL A UN REFRIGERANT MELANGE DE TYPE NON AZEOTROPIQUE

(71) DAIREI CO.,LTD. [JP/JP]; 19-4, Yushima 3-chome, Bunkyo-ku, Tokyo 113-0034 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEINO, Toshio [JP/JP]; c/o DAIREI co., ltd., 19-4, Yushima 3-chome, Bunkyo-ku, Tokyo 113-0034 (JP).

(74) IRIMAJII, Takao; Rune Gyoen Plaza 601, 24, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 F25B 5/02

(11) WO 02/077544 (13) A1

(21) PCT/JP02/02734

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-084272 23 Mar/mar 2001 JP (23.03.2001)

(30) 2001-164780 31 May/mai 2001 JP (31.05.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • REFRIGERATING SYSTEM
• SYSTEME DE REFRIGERATION

(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) TANIMOTO, Kenji [JP/JP]; c/o Kanaoka Factory, Sakai Plant, DAIKIN INDUSTRIES, LTD., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP). TAKEGAMI, Masaaki [JP/JP]; c/o Kanaoka Factory, Sakai Plant, DAIKIN INDUSTRIES, LTD., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP). UENO, Takeo [JP/JP]; c/o Kanaoka Factory, Sakai Plant, DAIKIN INDUSTRIES, LTD., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP). NOMURA, Kazuyoshi [JP/JP]; c/o Kanaoka Factory, Sakai Plant, DAIKIN INDUSTRIES, LTD., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP). KAJIMOTO, Akihiro [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, Utsuhoonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) AU CN IN 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 F25B 9/00, 9/14

(11) WO 02/077545 (13) A1

(21) PCT/JP02/01165

(22) 12 Feb/fév 2002 (12.02.2002)

(25) ja (26) ja

(30) 2001-090627 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HIGH AND LOW PRESSURE GAS SELECTOR VALVE OF REFRIGERATOR
• VANNE DE SELECTION DE GAZ HAUTE ET BASSE PRESSIONS EQUIPANT UN REFRIGERATEUR

(71) SUMITOMO HEAVY INDUSTRIES, LTD. [JP/JP]; 9-11, Kitashinagawa 5-chome, Shinagawa-ku, Tokyo 141-8686 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOYAMA, Tomohiro [JP/JP]; 9-31, Kamiohsaki 2-chome, Shinagawa-ku, Tokyo 141-0021 (JP). DE WAELE, Alphons [NL/NL]; Dotterbeek 8, NL-5501 BH Veldhoven (NL).

(74) TAKAYA, Satoshi et al. / etc.; Minami-Shinjuku Bldg., 10-12, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 F25B 19/00, F25D 7/00

(11) WO 02/077546 (13) A1

(21) PCT/JP02/02374

(22) 13 Mar/mar 2002 (13.03.2002)

(25) ja (26) ja

(30) 2001-072419 14 Mar/mar 2001 JP
(14.03.2001)

(30) 2001-204882 5 Jul/juil 2001 JP
(05.07.2001)

(30) 2001-318290 16 Oct/oct 2001 JP
(16.10.2001)

(30) 2001-318291 16 Oct/oct 2001 JP
(16.10.2001)

(30) 2001-390005 21 Dec/déc 2001 JP
(21.12.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HEAT PUMP, AND HEAT PUMP SYS-
TEM

• POMPE DE CHALEUR, ET SYSTEME
DE POMPE DE CHALEUR

(71) SEKISUI CHEMICAL CO., LTD. [JP/JP];
4-4, Nishitemma 2-chome, Kita-ku, Osaka-
shi, Osaka 530-8565 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ISHII, Tetsuya [JP/JP]; c/o SEK-
ISUI CHEMICAL CO., LTD., 32 Wadai,
Tsukuba-shi, Ibaraki 300-4247 (JP).
YASHIRO, Susumu [JP/JP]; c/o SEK-
ISUI CHEMICAL CO., LTD., 32 Wadai,
Tsukuba-shi, Ibaraki 300-4247 (JP).

(74) WATANABE, Noboru et al. / etc.; Kudan-
minami Green Bldg. 3F, 7-7, Kudanminami
3-chome, Chiyoda-ku, Tokyo 102-0074 (JP).

(81) AU CA CN 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).

Published / Publiée : (a)

(51)⁷ F25B 25/00, 9/14, F25D 11/00

(11) WO 02/077547 (13) A1

(21) PCT/US02/06846

(22) 6 Mar/mar 2002 (06.03.2002)

(25) en (26) en

(30) 09/813,618 21 Mar/mar 2001 US
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • STIRLING REFRIGERATION SYSTEM
WITH A THERMOSIPHON HEAT EX-
CHANGER

• SYSTEME DE REFRIGERATION STIR-
LING DOTE D'UN ECHANGEUR
THERMIQUE A THERMOSIPHON

(71) THE COCA-COLA COMPANY [US/US];
Patent Department, One Coca-Cola Plaza,
NW, Atlanta, GA 30313 (US).

(72) RUDICK, Arthur, G.; 1328 Lenox Circle,
Atlanta, GA 30306 (US). BERCHOWITZ,
David, M.; 138 N. Congress Street, Athens,
OH 45701 (US).

(74) WARREN, Daniel, J. et al. / etc.; Sutherland
Asbill & Brennan LLP, 999 Peachtree Street,
NE, Atlanta, GA 30309-3996 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 F25B 39/04

(11) WO 02/077548 (13) A1

(21) PCT/FR02/01003

(22) 22 Mar/mar 2002 (22.03.2002)

(25) fr (26) fr

(30) 01/04031 26 Mar/mar 2001 FR
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AIR CONDITIONING CONDENSER, IN
PARTICULAR FOR MOTOR VEHICLE,
COMPRISING A BASE PLATE CON-
NECTED TO A COLLECTOR BOX

• CONDENSEUR DE CLIMATISATION,
NOTAMMENT POUR UN VEHICULE
AUTOMOBILE, COMPORTANT UNE
EMBASE RACCORDEE A UNE BOITE
COLLECTRICE

(71) VALEO THERMIQUE MOTEUR
[FR/FR]; 8, rue Louis Lormand, F-78321
La Verrière (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LAVENU, Jean [FR/FR]; 20, rue Gayat,
F-51110 Caurel (FR). VOUILLON, Jérôme
[FR/FR]; 93, rue Gambetta, F-51100 Reims
(FR). RIVIERE, Sébastien [FR/FR]; 49ter-
Bât.A, Rue Paul Vaillant Couturier, F-51100
Reims (FR).

(74) ROLLAND, Jean-Christophe; Valeo
Thermique Moteur, 8, rue Louis Lormand,
F-78321 La Verriere (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ F25C

(11) WO 02/077549 (13) A2

(21) PCT/IS02/00007

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 5909 27 Mar/mar 2001 IS
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A METHOD AND APPARATUS FOR
PRODUCING FLUID ICE
• PROCEDE ET APPAREIL DESTINES
A LA PRODUCTION DE GLACE LI-
QUIDE

(71) SKAGINN HF. [IS/IS]; Bakkatun 26, IS-300
Akranes (IS).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SVEINSSON, Sigurgeir [IS/IS]; La-
trastrond 54, IS-170 Seltjarnarnes (IS).

(74) A & P Arnason; Efstaleiti 5, IS-103 Reyk-
javik (IS).

(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 DK (Utility
model / modèle d'utilité) DM DZ EC EE EE
(Utility model / modèle d'utilité) ES FI FI
(Utility model / modèle d'utilité) GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP
KR (Utility model / modèle d'utilité) KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SK (Utility model / modèle
d'utilité) SL TJ TM TN TR TT TZ UA UG
US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 F25D 3/08

(11) WO 02/077550 (13) A1

(21) PCT/US02/05124

(22) 21 Feb/fév 2002 (21.02.2002)

(25) en (26) en

(30) 09/817,680 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TRANSPORT CONTAINER
• CONTENEUR DE TRANSPORT

(71, 72) GANO, John, Henry, III [US/US]; 170
Windview Place, Alpharetta, GA 30005 (US).

(74) QUALEY, M., Paul; Thomas, Kayden,
Horstemeyer & Risley, LLP, 100 Galle-
ria 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES

FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁶ F25D 19/02, 19/00, B60H 1/32

(11) WO 02/077551 (13) A1

(21) PCT/US01/09751

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • UNDERMOUNT TRANSPORT TEMPERATURE CONTROL UNIT

• REGULATEUR DE TEMPERATURE ENCASTRABLE DANS UN VEHICULE DE TRANSPORT

(71) THERMO KING CORPORATION [US/US]; 314 West 90th Street, Minneapolis, MN 55420 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOLDA, Michal [CZ/CZ]; Kovaku 10, 150 00 Prague 5 (CZ). PROCHAZKA, Petr [CZ/CZ]; Ohnivcova 22, 147 00 Prague 4 (CZ).

(74) MORAN, Kevin, P.; Michael, Best & Friedrich LLP, 942 Memorial Parkway, Phillipsburg, NJ 08865-2726 (US).

(81) DE 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 F25D 19/02

(11) WO 02/077552 (13) A1

(21) PCT/US02/05661

(22) 6 Mar/mar 2002 (06.03.2002)

(25) en (26) en

(30) 09/813,628 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MERCHANDISER WITH SLIDE-OUT STIRLING REFRIGERATION MODULE

• PRESENTOIR A MODULE DE REFRIGERATION STIRLING COULISSANT

(71) THE COCA-COLA COMPANY [US/US]; Patent Department, One Coca-Cola Plaza, Atlanta, GA 30313 (US).

(72) RUDICK, Arthur, G.; 1328 Lenox Circle, Atlanta, GA 30306 (US).

(74) WARREN, Daniel, J. et al. / etc.; SUTHERLAND ASBILL & BRENNAN LLP, 999 Peachtree Street, NE, Atlanta, GA 30309-3996 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 F25D 19/02, F16F 7/104, F04B 17/04 // F25B 9/14

(11) WO 02/077553 (13) A1

(21) PCT/US02/06847

(22) 6 Mar/mar 2002 (06.03.2002)

(25) en (26) en

(30) 09/817,354 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • VIBRATIONALLY ISOLATED STIRLING COOLER REFRIGERATION SYSTEM

• SYSTEME DE REFRIGERATION COMPORTANT UN REFRIGERISSEUR A CYCLE DE STIRLING ISOLE CONTRE LES VIBRATIONS

(71) THE COCA-COLA COMPANY [US/US]; Patent Department, One Coca-Cola Plaza, NW, Atlanta, GA 30313 (US).

(72) RUDICK, Arthur, G.; 1328 Lenox Circle, Atlanta, GA 30306 (US). BERCHOWITZ, David, M.; 138 N. Congress Street, Athens, OH 45701 (US). KIIKKA, Dale, E.; 8588 Terrell Road, Athens, OH 45701 (US).

(74) WARREN, Daniel, J. et al. / etc.; Sutherland Asbill & Brennan LLP, 999 Peachtree Street, NE, Atlanta, GA 30309-3996 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 F25D 29/00

(11) WO 02/077554 (13) A1

(21) PCT/CN02/00178

(22) 20 Mar/mar 2002 (20.03.2002)

(25) zh (26) zh

(30) 01215732.5 21 Mar/mar 2001 CN (21.03.2001)

(30) 01228047.X 11 Jun/juin 2001 CN (11.06.2001)

(30) 02102671.8 27 Feb/fév 2002 CN (27.02.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A REFRIGERATOR WITH SEPARATED MULTI-WAY COOLING CIRCUIT IN PARALLEL AND CONTROLLING METHOD THEREOF

• REFRIGERATEUR DOTE D'UN CIRCUIT DE REFRIGERISSEMENT A VOIES MULTIPLES SEPARÉES ET PARALLÈLES ET PROCÉDE DE COMMANDE CORRESPONDANT

(71) GUANGDONG KELON ELECTRONICAL HOLDINGS CO., LTD. [CN/CN]; 8 Ronggnag Road, Ronggui, Shunde, 528303 Guang Dong Province (CN).

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(72, 75) WU, Shiqing [CN/CN]; 8 Ronggang Road, Ronggui, Shunde, 528303 Guang Dong Province (CN). CHENG, Debin [CN/CN]; 8 Ronggang Road, Ronggui, Shunde, 528303 Guang Dong Province (CN).

PAN, Jian [CN/CN]; 8 Ronggang Road, Ronggui, Shunde, 528303 Guang Dong Province (CN).

DENG, Mingfu [CN/CN]; 8 Ronggang Road, Ronggui, Shunde, 528303 Guang Dong Province (CN).

LI, Chengwu [CN/CN]; 8 Ronggang Road, Ronggui, Shunde, 528303 Guang Dong Province (CN).

CHEN, Xing [CN/CN]; 8 Ronggang Road, Ronggui, Shunde, 528303 Guang Dong Province (CN).

(74) NTD PATENT & TRADEMARK AGENCY LTD., BEIJING OFFICE; 10th Floor, Block A, Investment Plaza, 27 Jinrongdajie, Beijing 100032 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 F26B 5/06

(11) WO 02/077555 (13) A1

(21) PCT/US01/47034

(22) 4 Dec/déc 2001 (04.12.2001)

(25) en (26) en

(30) 60/251,672 6 Dec/déc 2000 US (06.12.2000)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM AND METHOD FOR MEASURING FREEZE DRIED CAKE RESISTANCE

• SYSTEME ET PROCÉDE DE MESURE DE LA RESISTANCE DE MASSE LYOPHILISEE

(71) EISAI CO., LTD. [JP/JP]; Koishikawa 4-6-10, Bunkyo-ku, Tokyo 112-8088 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) LAMBERT, William, J. [US/US]; 9503 Hanging Rock Road, Raleigh, NC 27613 (US). WANG, Zeren [US/US]; 201 Castlebury Creek Court, Apex, NC 27502 (US).

(74) DIENER, Michael, A. 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 US
UZ VN YU ZA ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F28D 1/04, F28F 9/00

(11) WO 02/077556 (13) A1

(21) PCT/FR02/01004

(22) 22 Mar/mar 2002 (22.03.2002)

(25) fr (26) fr

(30) 01/04098 27 Mar/mar 2001 FR
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • HEAT EXCHANGER MODULE WITH
SIMPLIFIED MOUNTING FOR MOTOR
VEHICLE

• MODULE D'ÉCHANGE DE CHALEUR
A MONTAGE SIMPLIFIÉ POUR VEHI-
CULE AUTOMOBILE

(71) VALEO THERMIQUE MOTEUR
[FR/FR]; 8, rue Louis Lormand, F-78321
La Verrière (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) POTIER, Michel [FR/FR]; 9, square
des Carrières, F-78120 Rambouillet (FR).
MARTINS, Carlos [PT/FR]; 10, rue de la
Moutière, F-78490 Montfort l'Amaury (FR).

(74) ROLLAND, Jean-Christophe; Valeo
Thermique Moteur, 8, rue Louis Lormand,
F-78321 La Verrière (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 F28D 9/00

(11) WO 02/077557 (13) A1

(21) PCT/SE02/00559

(22) 22 Mar/mar 2002 (22.03.2002)

(25) sv (26) en

(30) 0101085-9 27 Mar/mar 2001 SE
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • PLATE HEAT EXCHANGER AND
METHOD FOR PRODUCING THE
SAME

• ECHANGEUR A PLAQUES ET SON
PROCEDE DE FABRICATION

(71) REKUPERATOR SVENSKA AB [SE/SE];
S-405 08 Göteborg (SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LAGERSTRÖM, Gunnar [SE/SE];
Rådjursvägen 3, S-466 32 Sollebrunn (SE).
XIE, Max [SE/SE]; Flygelvägen 35, S-224
72 Lund (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 F28D 15/00, E06B 7/00

(11) WO 02/077558 (13) A2

(21) PCT/US02/08858

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/815,828 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • SURFACES HAVING PARTICLE
STRUCTURES WITH BROAD RANGE
RADIATION ABSORPTIVITY

• SURFACES A STRUCTURES PARTI-
CULAIRES OFFRANT UNE LARGE
GAMME DE CAPACITE D'ABSORP-
TION DES RAYONNEMENTS

(71) ARRAY BIOSCIENCE CORPORATION
[US/US]; 4703 Tidewater Avenue, Suite F,
Oakland, CA 94601 (US).

(72) YEVIN, Oleg, A.; 1364 Creekside Drive,
Apartment 2, Walnut Creek, CA 94596
(US). NUFERT, Thomas, H.; 2979 Santos
Lane, #104, Walnut Creek, CA 94596 (US).
KREIMER, David, I.; 1831 Dwight Way,
Berkeley, CA 94703 (US).

(74) MEYER, Sheldon, R. et al. / etc.; Fliesler,
Dubb, Meyer and Lovejoy LLP, Suite 400,
Four Embarcadero Center, San Francisco, CA
94111-4156 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 F28F 9/00

(11) WO 02/077559 (13) A1

(21) PCT/FR02/01001

(22) 22 Mar/mar 2002 (22.03.2002)

(25) fr (26) fr

(30) 01/04034 26 Mar/mar 2001 FR
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • HEAT EXCHANGER WITH SIDE
FLANGES, IN PARTICULAR FOR
MOTOR VEHICLE

• ECHANGEUR DE CHALEUR A JOUES
LATERALES, EN PARTICULIER POUR
VEHICULE AUTOMOBILE

(71) VALEO THERMIQUE MOTEUR
[FR/FR]; 8, rue Louis Lormand, F-78321
La Verrière (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LAVERAN, Jean-Louis [FR/FR]; 18,
rue Pierre Boudou, F-92600 Asnières (FR).

(74) ROLLAND, Jean-Christophe; Valeo
Thermique Moteur, 8, rue Louis Lormand,
F-78321 La Verrière (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 F41A 9/58

(11) WO 02/077560 (13) A1

(21) PCT/US02/05818

(22) 26 Feb/fév 2002 (26.02.2002)

(25) en (26) en

(30) 09/814,892 22 Mar/mar 2001 US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • PROPELLANT RETENTION DEVICE
• DISPOSITIF SERVANT A RETENIR UN
AGENT PROPULSIF

(71) UNITED DEFENSE LP [US/US]; 1525
Wilson Boulevard, Suite 700, Arlington, VA
22209 (US).

(72) VASKE, James, G.; 8960 Alfa, Inver Grove
Heights, MN (US). DOERING, Timothy, J.;
3102 Sprague, Anoka, MN (US). MARTIN,
Joel; 10212 Belmont Road, Minnetonka, MN
(US). LOGE, Michael; 1243- 153rd Avenue,
Andover, MN (US).

(74) PATTERSON, James, H. et al. / etc.; Pat-
tersson, Thunte, Skaar & Christensen, P.A.,
4800 IDS Center, 80 South Eighth Street,
Minneapolis, MN 55402-2100 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 F41G 1/00, 1/54 // F41A 33/00

(11) WO 02/077561 (13) A1

(21) PCT/SE02/00204

(22) 7 Feb/fév 2002 (07.02.2002)

(25) en (26) en

(30) 0101063-6 23 Mar/mar 2001 SE
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • SYSTEM FOR ALIGNING A FIRING
SIMULATOR AND AN ALIGNING
UNIT FOR THE SAME
• SYSTEME D'ALIGNEMENT D'UN SI-
MULATEUR DE TIR ET UNITE D'ALI-
GNEMENT CORRESPONDANTE

(71) SAAB AB [SE/SE]; S-581 88 Linköping
(SE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) RENNTOFT, Per [SE/SE]; Pilgatan 12,
S-568 31 Skillingaryd (SE).

(74) NORBERG, Charlotte; SAAB AB (publ),
Saab Aerospace, Technology Strategy and
IPR, S-581 88 Linköping (SE).

(81) AE AG AL AM AT AU AZ BA BB BG
BR BY BZ CA CH CN CO CR CU CZ
(Utility model / modèle d'utilité) DE DE
(Utility model / modèle d'utilité) DK DK
(Utility model / modèle d'utilité) DM DZ EC
EE ES FI FI (Utility model / modèle d'utilité)
GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV
MA MD MG MK MN MW MX MZ NO NZ
OM PH PL PT RO RU SD SE SG SI SK SK
(Utility model / modèle d'utilité) SL TJ TM
TN TR TT TZ UA UG US UZ VN YU ZA
ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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

(u) for / pour US only / seulement

(51)⁷ F42B 12/40

(11) WO 02/077562 (13) A2

(21) PCT/US02/08919

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/815,314 21 Mar/mar 2001 US
(21.03.2001)

(30) 09/815,315 21 Mar/mar 2001 US
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • PROJECTILE CONTAINING CHEMI-
LUMINESCENT COMPOUNDS FOR
MARKING A TARGET
• PROJECTILE A COMPOSES CHIMILU-
MINESCENTS POUR MARQUAGE DE
CIBLE

(71, 72) MARTINEZ, Raul, Jr. [US/US]; 305
Mardi Gras, El Paso, TX 79912 (US). AF-
SHAR, Amir [US/US]; 4716 W. 171st Street,
Lawndale, CA 90260 (US).

(74) AMINI, Farzad, E.; Blakely, Sokoloff,
Taylor & Zafman, 12400 Wilshire Blvd. 7th
Floor, Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 F42B 33/06, C06B 21/00

(11) WO 02/077563 (13) A1

(21) PCT/GB02/00625

(22) 15 Feb/fév 2002 (15.02.2002)

(25) en (26) en

(30) 0107262.8 23 Mar/mar 2001 GB
(23.03.2001)

(30) 0117119.8 12 Jul/juil 2001 GB
(12.07.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • A METHOD AND APPARATUS FOR
NEUTRALISING AN EXPLOSIVE DE-
VICE
• PROCEDE ET APPAREIL PERMET-
TANT DE NEUTRALISER UN DISPO-
SITIF EXPLOSIF

(71) J R FRENCH LIMITED [GB/GB]; 19 Ep-
ping Drive, Melton Mowbray, Leicestershire
LE13 1UH (GB).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) FRENCH, John, Robert [GB/GB]; 19
Epping Drive, Melton Mowbray, Leicester-
shire LE13 1UH (GB).

(74) POWELL, Timothy, J.; Eric Potter Clark-
son, Park View House, 58 The Ropewalk,
Nottingham NG1 5DD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ 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 F42C 17/04, F41A 9/40

(11) WO 02/077564 (13) A1

(21) PCT/US02/08843

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/277,944 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • OPEN BOLT FIRING MECHANISM
FOR PROGRAMMABLE CARTRIDGES
• MECANISME DE CULASSE OUVERTE
POUR LA MISE A FEU DE CAR-
TOUCHES PROGRAMMABLES

(71, 72) SULLIVAN, Kevin [US/US]; c/o
Nammo, Inc., 2000 N. 14th Street, Ar-
lington, VA 22201 (US).

(74) QUILLIN, George, E. et al. / etc.; Foley
& Lardner, Washington Harbour, Suite 500,
3000 K Street, N.W., Washington, DC 20007-
5143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 G01B 7/004, G01S 5/14

(11) WO 02/077565 (13) A1

(21) PCT/FI02/00225

(22) 19 Mar/mar 2002 (19.03.2002)

(25) fi (26) en

(30) 20010558 19 Mar/mar 2001 FI
(19.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • DETERMINING A POSITION OF OB-
JECTS
• DETERMINATION DE LA POSITION
D'OBJETS

(71) 4-D NEUROIMAGING OY [FI/FI]; PL 68,
Elimäenkatu 22 B, FIN-00511 Helsinki (FI).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) TAULU, Samu [FI/FI]; c/o Neuromag
oy, Elimäenkatu 22, FIN-00510 Helsinki
(FI). PARKKONEN, Lauri [FI/FI]; c/o

Neuromag Oy, Elimäenkatu 22, FIN-00510 Helsinki (FI). **KAJOLA, Matti** [FI/FI]; c/o Neuromag Oy, Elimäenkatu 22, FIN-00510 Helsinki (FI).

(74) **PAPULA OY**; (Fredrikinkatu 61 A), P.O. Box 981, 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 ES FI FR GB GR IE IT LU MC NL PT SE TR; OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01B 7/02, 7/14

(11) WO 02/077566 (13) A1

(21) PCT/CA02/00406

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 2,342,092 23 Mar/mar 2001 CA (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NON INTRUSIVE AND DYNAMIC METHOD FOR MEASURING A DISTANCE OR THE VARIATION THEREOF THROUGH DIELECTRICS

• PROCEDE DYNAMIQUE NON INVASIF DESTINE A MESURER UNE DISTANCE OU SA VARIATION AU MOYEN D'ELEMENTS DIELECTRIQUES

(71) **VIBROSYSTEM INC.** [CA/CA]; 2727, boul. Jacques-Cartier Est, Longueuil, Québec J4N 1L7 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BISSONNETTE, Marc** [CA/CA]; 1356, de Bourgogne Street, Boucherville, Québec J4B 7W8 (CA). **PRONOVOST, Jean** [CA/CA]; 40, des Jacinthes, St-Mathieu-de-Beloeil, Québec J3G 4S5 (CA). **CLOUTIER, Marius** [CA/CA]; 28 Adanour Street, Longueuil, Québec J4G 2K3 (CA).

(74) **OGILVY RENAULT et al.** / etc.; Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR; OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES

FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01B 11/02, 11/24

(11) WO 02/077567 (13) A1

(21) PCT/JP02/02659

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ja (26) ja

(30) 2001-082593 22 Mar/mar 2001 JP (22.03.2001)

(30) 2001-223992 25 Jul/juil 2001 JP (25.07.2001)

(30) 2001-228111 27 Jul/juil 2001 JP (27.07.2001)

(30) 2001-229114 30 Jul/juil 2001 JP (30.07.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HEIGHT MEASURING INSTRUMENT, AND METHOD OF MEASURING HEIGHT USING THE SAME

• INSTRUMENT POUR MESURER LA HAUTEUR ET PROCEDE DE MESURE DE LA HAUTEUR UTILISANT CET INSTRUMENT

(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) **KITA, Nobuhiro** [JP/JP]; c/o, OLYMPUS OPTICAL CO., LTD., 2-3, Kuboyama-cho, Hachioji-shi, Tokyo 192-8512 (JP). **KANEGAE, Shigeru** [JP/JP]; c/o, OLYMPUS OPTICAL CO., LTD., 2-3, Kuboyama-cho, Hachioji-shi, Tokyo 192-8512 (JP). **WATANABE, Hideo** [JP/JP]; c/o, OLYMPUS OPTICAL CO., LTD., 2-3, Kuboyama-cho, Hachioji-shi, Tokyo 192-8512 (JP). **KITAHARA, Akihiro** [JP/JP]; c/o, OLYMPUS OPTICAL CO., LTD., 2-3, Kuboyama-cho, Hachioji-shi, Tokyo 192-8512 (JP).

(74) **SHINOHARA, Taiji**; 7-14, Kudan-minami 3-chome, Chiyoda-ku, Tokyo 102-0074 (JP).

(81) CN KR US.

(51)⁷ G01B 11/06

(11) WO 02/077568 (13) A1

(21) PCT/US02/07231

(22) 8 Mar/mar 2002 (08.03.2002)

(25) en (26) en

(30) 60/277,818 21 Mar/mar 2001 US (21.03.2001)

(30) 60/305,226 13 Jul/juil 2001 US (13.07.2001)

(30) 10/092,866 6 Mar/mar 2002 US (06.03.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR DECREASING THERMAL LOADING AND ROUGHNESS SENSITIVITY IN A PHOTOACOUSTIC FILM THICKNESS MEASUREMENT SYSTEM

• PROCEDE ET DISPOSITIF VISANT A REDUIRE LA CHARGE THERMIQUE ET LA SENSIBILITE A LA

RUGOSITE D'UN SYSTEME DE MESURE DE L'EPaisseur D'UN FILM PHOTO-ACOUSTIQUE

(71) **RUDOLPH TECHNOLOGIES, INC.** [US/US]; One Rudolph Road, Flanders, NJ 07836 (US).

(72) **MORATH, Christopher**; 22 Franklin Place 2D, Morristown, NJ 07930 (US). **VERTIKOV, Andrey**; 173A Dafrack Drive, Lake Hiawatha, NJ 07034 (US).

(74) **SMITH, Harry, F.**; Harrington & Smith, LLP, 4 Research Drive, Shelton, CT 06484-6212 (US).

(81) JP.

(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 G01B 11/10, B60M 1/28

(11) WO 02/077569 (13) A1

(21) PCT/DE02/00840

(22) 8 Mar/mar 2002 (08.03.2002)

(25) de (26) de

(30) 101 14 575.6 24 Mar/mar 2001 DE (24.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONTACT WIRE INSPECTION WITH SEPARATE POSITION DETERMINATION

• INSPECTION DE FILS DE CONTACT AVEC DETERMINATION SEPAREE DE POSITION

(71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, 80636 München (DE).

(72) **DAMBACHER, Martin**; Im Stühlinger 14, 79423 Heitersheim (DE). **DIMOPOULOS, Nikolaos**; Schluchweg 9, 79331 Teningen (DE). **HÖFLER, Heinrich**; Hans-Sachs-Strasse 37, 79331 Teningen (DE). **SEIB, Michael**; Hindenburgstrasse 12, 79102 Freiburg (DE).

(74) **RACKETTE PARTNERSCHAFT**; Kaiser-Joseph-Strasse 179, Postfach 13 10, 79013 Freiburg (DE).

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G01B 11/30, 11/24, 11/26, H01L 21/26, H01N 21/66, G01N 21/21, 21/47, 21/95

(11) WO 02/077570 (13) A1

(21) PCT/US01/43805

(22) 13 Nov/nov 2001 (13.11.2001)

(25) en (26) en

(30) 09/817,820 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD TO MEASURE FEATURES WITH ASYMMETRICAL PROFILE

• PROCEDE DE DETECTION D'ELEMENTS PRESENTANT UN PROFIL ASYMETRIQUE

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68,

- P.O. Box 3543, Sunnyvale, CA 94088-3453 (US).
- (74) **SINGH, Bhanwar**; 17122 Heatherwood, Morgan Hill, CA 95037 (US). **TEMPLETON, Michael, K.**; 80 Palmer Lane, Ather-ton, CA 94027 (US). **RANGARAJAN, Bharath**; 2295 Dolores Avenue, Santa Clara, CA 95050 (US). **SUBRAMANIAN, Ramkumar**; 1155-D La Rochelle Terrace, Sunnyvale, CA 94089 (US).
- (74) **RODDY, Richard, J.**; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 **G01D**
- (11) **WO 02/077571** (13) A2
- (21) PCT/IB02/00950
- (22) **21 Mar/mar 2002 (21.03.2002)**
- (25) en (26) en
- (30) 01201115.1 **26 Mar/mar 2001 EP (26.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **SENSOR IN A TRANSCEIVER DEVICE FOR COOPERATION WITH AN OPTICAL FIBER**
- **CAPTEUR DANS UN DISPOSITIF EMETTEUR-RECEPTEUR DESTINE A COOPERER AVEC UNE FIBRE OPTIQUE**
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOLE, Marcus, E.** [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) CN JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G01D 5/26**
- (11) **WO 02/077572** (13) A2
- (21) PCT/IB02/00685
- (22) **7 Mar/mar 2002 (07.03.2002)**
- (25) en (26) en
- (30) 01201113.6 **26 Mar/mar 2001 EP (26.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **SENSOR FOR A RECEIVING DEVICE FOR COOPERATION WITH AN OPTICAL FIBER**
- **DETECTEUR POUR DISPOSITIF RE-CEPTEUR COLLABORANT AVEC UNE FIBRE OPTIQUE**
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **KOLE, Marcus, E.**; 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) CN JP
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **G01D 5/347, G01L 3/12, G01D 5/245**
- (11) **WO 02/077574** (13) A1
- (21) PCT/GB02/01427
- (22) **27 Mar/mar 2002 (27.03.2002)**
- (25) en (26) en
- (30) 0107605.8 **27 Mar/mar 2001 GB (27.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **AN IMPROVED DISPLACEMENT AND TORQUE SENSOR**
- **CAPTEUR DE COUPLE ET DE DEPLACEMENT AMELIORE**
- (71) **TRW LUCASVARITY ELECTRIC STEERING LTD.** [GB/GB]; Woden Road West, Wednesbury, West Midlands WS10 7SY (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HORTON, Steven, John** [GB/GB]; 68 Burman Road, Shirley, Solihull, West Midlands B90 2BQ (GB).
- (74) **BARKER BRETTELL**; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **G01D 5/353, G01L 1/24, G08B 13/186, G01H 9/00**
- (11) **WO 02/077575** (13) A1
- (21) PCT/IN01/00050
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **A MULTI-FIBER OPTIC 2D-ARRAY DEVICE FOR SENSING AND LOCALIZING ENVIRONMENT PERTURBATION USING SPECKLE IMAGE PROCESSING**
- **DISPOSITIF OPTIQUE MULTIFIBRES A RESEAU BIDIMENSIONNEL POUR UN DETECTEUR ET LOCALISER UNE PERTURBATION DE L'ENVIRONNEMENT PAR TRAITEMENT D'IMAGE AVEC TACHETURE**
- (71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SARDANA, Harish, Kumar** [IN/IN]; Central Scientific Instrument Organization, Sector 30-C, Chandigarh 160 020 (IN). **CHHABRA, Jagdish, Kumar** [IN/IN]; Central Scientific Instrument Organization, Sector 30-C, Chandigarh 160 020 (IN). **BANDYOPADHYAYA, Somnath** [IN/IN]; Central Scientific Instrument Organization, Sector 30-C, Chandigarh 160 020 (IN). **GOEL, Pramod, Kumar** [IN/IN]; Central Scientific Instrument Organization, Sector 30-C, Chandigarh 160 020 (IN).
- (74) **GABRIEL, Devadoss, Calab**; Kumaran & Sagar, 84-C, C6 Lane, (off Central Avenue), Sainik Farms, New Delhi 110 062 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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).
- Published / Publiée : (a)

- (51)⁷ G01F 1/66, 15/04
(11) WO 02/077576 (13) A1
(21) PCT/RU01/00122
(22) 26 Mar/mar 2001 (26.03.2001)
(25) ru (26) ru
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ULTRASONIC FLOWMETER COUNTER FOR MEASURING GAS FLOW
• DEBITMETRE-COMPTEUR ULTRASONORE POUR MESURER LA CONSOMMATION DE GAZ
- (71) OTKRYTOE AKTSIONERNOE OBSHESTVO "STROITRANSGAZ" [RU/RU]; ul. Moskovskaya, 28, Orel, 302030 (RU).
- (72) BEKKER, Arngolt Yakovlevich; ul. Malaya Kaluzhskaya, 12-49, Moscow, 101000 (RU). ZHUK, Nikolai Fedorovich; ul. Alibegova, 27-1-29, Minks, 110055 (BY). ZHUKOVA, Zoya Ivanovna; ul. Lobanka, 17-57, Minsk, 220136 (BY). KREMENETS, Evgeny Mikhailovich; ul. Gagarina, 15-32, Reutov, Moskovskaya obl., 143952 (RU). LAPSHIN, Vladimir Evgenievich; ul. Krivorozhskaya, 21-3-34, Moscow, 113638 (RU). OVSYANNIKOV, Mikhail Trofimovich; ul. Assanalieva, 58-26, Minsk, 220024 (BY). CHERNOBAY, Ivan Alexandrovich; ul. Gorodskoi val, 10-25, Minsk, 220050 (BY). CHULKOV, Vladislav Pavlovich; ul. Molodezhnaya, 1-149, Reutov, Moskovskaya obl., 143952 (RU).
- (74) GRUNINA, Alla Efimovna; a/ya 15, G-165, Moscow, 121165 (RU).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ G01F 1/696
(11) WO 02/077577 (13) A1
(21) PCT/IT01/00151
(22) 26 Mar/mar 2001 (26.03.2001)
(25) it (26) en
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • A DEVICE FOR MEASURING GAS FLOW-RATE, PARTICULARLY FOR BURNERS
• DISPOSITIF DESTINE A MESURER LE DEBIT GAZEUX, NOTAMMENT POUR DES BRULEURS
- (71) SIT LA PRECISA S.P.A. [IT/IT]; Viale dell'Industria, 31/33, I-35129 Padova (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DE STEFANI, Pierluigi [IT/IT]; Via Petrarca, 1, I-35100 Padova (IT). RIMONDO, Filiberto [IT/IT]; Via Bolzano, 6/A2, I-35020 Saonara (IT). DORIGO, Roberto [IT/IT]; Via Falconera, 97, I-30021 Padova (IT).

- (74) CANTALUPPI, Stefano et al. / etc.; Cantaluppi & Partners S.r.l., Via Matteotti 26, I-35137 Padova (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR 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).
- Declarations / Déclarations :
(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ 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 GW ML MR NE SN TD TG)
(u) for / pour US only / seulement
-
- (51)⁷ G01F 1/708, 1/712
(11) WO 02/077578 (13) A1
(21) PCT/GB02/01140
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 0107184.4 22 Mar/mar 2001 GB (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • GAS VELOCITY MEASUREMENT BY INFRARED RADIATION ABSORPTION
• MESURE DE LA VITESSE D'ÉCOULEMENT D'UN GAZ PAR ABSORPTION DE RAYONNEMENT INFRAROUGE
- (71) YORTECH INSTRUMENTS LTD [GB/GB]; 4 Shaw Wood Business Park, Shaw Wood Way, Doncaster, South Yorkshire DN2 5TB (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HYDE, John [GB/GB]; 4 Shaw Wood Business Park, Shaw Wood Way, Doncaster, South Yorkshire DN2 5TB (GB).
- (74) LOVEN, Keith, James; Loven & Co, Quantum House, 30 Tentercroft Street, Lincoln, Lincolnshire LN5 7DB (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01F 11/28, 3/38
(11) WO 02/077579 (13) A1
(21) PCT/FR02/01011
(22) 22 Mar/mar 2002 (22.03.2002)
(25) fr (26) fr
(30) 01/03927 23 Mar/mar 2001 FR (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • AUTOMATED METHOD FOR MEASURING DOSED AMOUNTS OF LIQUID
• PROCEDE AUTOMATISE DE MESURE DE VOLUME DE DOSAGE
- (71) LABMETRIX TECHNOLOGIES I & T [FR/FR]; Parc des Nations, 385, rue de la Belle Etoile - ZI Paris Nord 2, Boîte postale 40053, F-95913 Roissy Charles De Gaulle (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NJAMFA, Serge [FR/FR]; 4, rue Caulaincourt, F-75018 Paris (FR).
- (74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G01F 15/00, 15/06, 15/075
(11) WO 02/077580 (13) A1
(21) PCT/IB02/00884
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) PA/a/2001/002994 22 Mar/mar 2001 MX (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ELECTRONIC AND MECHANICAL SYSTEM FOR AUTOMATED OR DISCRETIONARY DOSAGE OF POTABLE WATER AT THE PARTICULAR INTAKE LEVEL OF EACH USER
• SYSTEME ELECTRONIQUE ET MECANIQUE POUR LE DOSAGE AUTOMATIQUE OU DISCRETIONNAIRE D'EAU POTABLE AU NIVEAU DE PRELEVEMENT PARTICULIER DE CHAQUE UTILISATEUR
- (71, 72) MILANES GARCIA-MORENO, Fernando [MX/MX]; Bosque Cafetos No. 94,

- Col. Bosques de las Lomas 11700, México, D.F. (MX).
- (74) **ESTEVA, Miguel, A. PANAMERICANA DE PATENTES Y MARCAS, S.C.;** Avenida Revolución 1392 2^o Piso, Colonia Cuadalupe Inn, México, D.F. 01020 (MX).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- Published / Publiée : (c)
-
- (51)⁷ **G01F 15/06, 15/075**
- (11) **WO 02/077581** (13) A1
- (21) PCT/IB02/00885
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) en (26) en
- (30) 002993 **22 Mar/mar 2001 MX (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ELECTRONIC METHOD AND SYSTEM FOR INSTANT CREATION AND STORAGE OF CONSUMPTION HISTOGRAMS IN DRINKABLE WATER TAPPING POINTS
- PROCEDE ET SYSTEME ELECTRONIQUES DE CREATION ET DE STOCKAGE INSTANTANES D'HISTOGRAMMES DE CONSOMMATION DANS DES POINTS DE PRELEVEMENT D'EAU POTABLE
- (71, 72) **MILANES GARCIA-MORENO, Fernando** [MX/MX]; Bosque Cafetos No. 94, Col. Bosques de las Lomas 11700, México, D.F. (MX).
- (74) **ESTEVA, Miguel, A.;** Avenida Revolución 1392 2^o Piso, Colonia Cuadalupe Inn, México, D.F. 01020 (MX).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- Published / Publiée : (c)
-
- (51)⁷ **G01F 23/296**
- (11) **WO 02/077582** (13) A1
- (21) PCT/EP02/03443
- (22) **27 Mar/mar 2002 (27.03.2002)**
- (25) de (26) de
- (30) 101 15 558.1 **28 Mar/mar 2001 DE (28.03.2001)**
- (30) 101 53 937.1 **6 Nov/nov 2001 DE (06.11.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DEVICE FOR DETERMINING AND/OR MONITORING A PREDETERMINED FILLING LEVEL IN A CONTAINER
- DISPOSITIF POUR LA DETERMINATION OU LA SURVEILLANCE D'UN NIVEAU DE REMPLISSAGE PREDEFINI DANS UN CONTENANT
- (71) **ENDRESS + HAUSER GMBH + CO.** [DE/DE]; Hauptstrasse 1, 79689 Maulburg (DE).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **PFEIFFER, Helmut** [DE/DE]; Kirchstrasse 26/5, 79585 Steinen (DE).
- (74) **HAHN, Christian;** Endress + Hauser Deutschland Holding GmbH, PatServe, Colmarer Strasse 6, 79576 Weil am Rhein (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
-
- (51)⁷ **G01G 19/38**
- (11) **WO 02/077583** (13) A1
- (21) PCT/US02/08875
- (22) **21 Mar/mar 2002 (21.03.2002)**
- (25) en (26) en
- (30) 09/816,788 **23 Mar/mar 2001 US (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • APPARATUS AND METHOD FOR TRANSFERRING AND WEIGHING POWDER MATERIALS
- APPAREIL ET PROCEDE PERMETTANT DE TRANSFERER ET DE PESER DES MATERIAUX EN POUDDRE
- (71) **ORTHO-MCNEIL PHARMACEUTICAL, INC.** [US/US]; U.S. Route 202, Raritan, NJ 08869 (US).
- (72) **FERMIER, Adam, M.;** 255 Summit Drive, Easton, PA 18042 (US). **TROISI, John;** 449 Whiton Road, Neshanic Station, NJ 08853 (US). **WEBER, James, V.;** 9 Churchill Lane, Newtown, PA 18940 (US).
- (74) **JOHNSON, Philip, S. et al. / etc.;** Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08903-7003 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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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- (22) **20 Mar/mar 2002 (20.03.2002)**
- (25) de (26) de
- (30) 101 14 896.8 **26 Mar/mar 2001 DE (26.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • WEIGHING PAN FOR PROTECTING THE PRODUCT TO BE WEIGHED
- PLATEAU DE PESEE DESTINE A PROTEGER LE PRODUIT DE PESEE
- (71) **METTLER-TOLEDO GMBH** [CH/CH]; Im Langacher, CH-8606 Greifensee (CH).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WEBER, René** [CH/CH]; Aroneweg 11, CH-8618 Oetwil am See (CH).
- (74) **METTLER-TOLEDO GMBH;** Patentstelle, Im Langacher, CH-8606 Greifensee (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DE (Utility model / modèle d'utilité) DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **G01H 1/26, 1/38, 1/40**
- (11) **WO 02/077585** (13) A1
- (21) PCT/US02/09220
- (22) **26 Mar/mar 2002 (26.03.2002)**
- (25) en (26) en
- (30) 60/278,802 **26 Mar/mar 2001 US (26.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SYSTEM AND METHOD FOR MUSIC CREATION AND REARRANGEMENT
- SYSTEME ET PROCEDE DE CREATION ET D'ARRANGEMENT MUSICAUX
- (71) **SONIC NETWORK, INC.** [US/US]; 66R Dudley Street, Arlington, MA 02476 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HRUSKA, Jennifer, Ann** [US]; 50 Washington Street, Arlington, MA 02476 (US). **QUATTRINI, David, Donato** [US]; 93 Kidder Ave., Somerville, MA 02144 (US). **GARDNER, William, Grant** [US]; 47 Norwich Circle, Medford, MA 02155 (US).
- (74) **SCANLON, Patrick, R.;** Pierce Atwood, One Monument Square, Portland, ME 04101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01H 11/08

(11) WO 02/077586 (13) A1

(21) PCT/DE02/00869

(22) 12 Mar/mar 2002 (12.03.2002)

(25) de (26) de

(30) 101 14 045.2 22 Mar/mar 2001 DE (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • VIBRATION PICKUP FOR FIXING TO A VIBRATION-PRODUCING COMPONENT

• AMORTISSEUR D'OSCILLATIONS DESTINE A ETRE FIXE SUR UN COMPOSANT PRESENTANT DES OSCILLATIONS

(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) HACKEL, Uwe [DE/DE]; Bergheimer Weg 37/1, 70839 Gerlingen (DE). MUELLER, Wolfgang-Michael [DE/DE]; Renninger Strasse 3/2, 71277 Rutesheim (DE). SCHMIDT, Wolfgang [DE/DE]; Nussbaumweg 24/4, 71665 Vaihingen (DE). GROEGER, Jochen [DE/DE]; Kyffhaeuserstr. 36, 70469 Stuttgart (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ G01J

(11) WO 02/077587 (13) A2

(21) PCT/US02/09132

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/817,785 26 Mar/mar 2001 US (26.03.2001)

(30) 09/828,281 6 Apr/avr 2001 US (06.04.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HYBRID-IMAGING SPECTROMETER
• SPECTROMETRE IMAGEUR HYBRIDE

(71) SPECTRAL DIMENSIONS, INC. [US/US]; 3416 Olandwood Court, Suite 210, Olney, MD 20832 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEWIS, Neil, E. [US/US]; 2440 Saint Albert Terrace, Brookeville, MD 20833 (US). HABER, Kenneth, S. [US/US]; 607 Huntover Lane, Frederick, MD 21703 (US).

(74) ELBING, Kristofer, E.; 187 Pelham Island Road, Wayland, MA 01778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G01J

(11) WO 02/077588 (13) A2

(21) PCT/US02/09392

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/819,565 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PATTERNED WIRE GRID POLARIZER AND METHOD OF USE
• POLARISEUR A GRILLE METALLIQUE STRUCTUREE ET SON PROCEDE D'UTILISATION

(71) MOXTEK [US/US]; 452 West 1260 North, Orem, UT 84057 (US).

(72) HANSEN, Douglas, P.; 915 East 1240 South, Spanish Fork, UT 84660 (US). PERKINS, Raymond; 686 South 850 East, Orem, UT 84097 (US). THORNE, Jim; 1119 East 2620 North, Provo, UT 84604 (US). GARDNER, Eric; 2495 North 850 West, Provo, UT 84064 (US).

(74) HOBSON, Garron, M. et al. / etc.; Thorpe, North & Western, LLP, P.O. Box 1219, Sandy, UT 84091-1219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G01J /457

(11) WO 02/077589 (13) A2

(21) PCT/US02/09073

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/277,981 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR ENDPOINT DETECTION USING PARTIAL LEAST SQUARES
• PROCEDE ET DISPOSITIF DE DETECTION DE POINTS D'EXTREMITE AU MOYEN D'UNE ANALYSE DE MOINDRES CARRES PARTIELS

(71) TOKYO ELECTRON LIMITED [JP/JP]; TBS Broadcast Center, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) FATKE, David [—/US]; 8000 David Mountain Cove, Austin, TX 78726 (US).

(72, 75) YUE, Hongyu [—/US]; 5705 Janabyrd Lane, Austin, TX 78749 (US).

(74) CASEY, Michael, R.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Fourth Floor, 1755 Jefferson Davis Highway, Arlington, VA 22202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01K 3/00, 11/00

(11) WO 02/077590 (13) A1

(21) PCT/EP02/00238

(22) 12 Jan/jan 2002 (12.01.2002)

(25) de (26) de

(30) 101 01 897.5 16 Jan/jan 2001 DE (16.01.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TEMPERATURE MONITORING
• CONTROLE DE TEMPERATURES

(71) SUNYX SURFACE NANOTECHNOLOGIES GMBH [DE/DE]; Stolberger Strasse 370, 50933 Köln (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REIHS, Carsten [DE/DE]; Leyboldstr. 58, 50968 Köln (DE).

(74) WOLFF, Felix; Kutzenberger & Wolff, Theodor-Heuss-Ring 23, 50668 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01L 1/12

(11) WO 02/077591 (13) A1

(21) PCT/GB02/01298

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 0107182.8 22 Mar/mar 2001 GB (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • STRESS SENSOR

• CAPTEUR DE CONTRAINTES

(71) **QINETIQ LIMITED** [GB/GB]; Cody Technology Park, Ively Road, Farnborough, Hampshire GU14 0LX (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOMKA, George, Jiri** [GB/GB]; Qinetiq Limited, Ively Road, Farnborough, Hampshire GU14 0LX (GB). **GORE, Jonathan, Geoffrey** [GB/GB]; Qinetiq Limited, Ively Road, Farnborough, Hampshire GU14 0LX (GB). **MAYLIN, Mark, Gregory** [GB/GB]; Qinetiq Limited, Ively Road, Farnborough, Hampshire GU14 0LX (GB). **MILNE, James, Carl** [GB/GB]; First Inertia Switch Limited, 2 Columbus Drive, Summit Avenue, Southwood, Farnborough, Hampshire GU14 0NZ (GB).

(74) **GODDARD, David, John**; Harrison Goddard Foote, Orlando House, 11c Compstall Road, Marple Bridge, Stockport SK6 5HH (GB) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G01L 1/14, G01G 7/02

(11) WO 02/077592 (13) A1

(21) PCT/DE02/01057

(22) 22 Mar/mar 2002 (22.03.2002)

(25) de (26) de

(30) 101 14 312.5 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE FOR DETERMINING A FORCE

• DISPOSITIF PERMETTANT DE DETERMINER UNE FORCE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRIMBERGER, Manfred** [DE/DE]; Hofmarkstr. 6, 84061 Kläham (DE). **AUMER, Andreas** [DE/DE]; Dorfstrasse 8, 93191 Rettenbach (DE). **DEML, Ulrich** [DE/DE]; Sonnenstr. 1, 93138 Lappersdorf (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : 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 G01L 1/14

(11) WO 02/077593 (13) A1

(21) PCT/DK02/00219

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 2001 00509 27 Mar/mar 2001 DK (27.03.2001)

(30) 2001 01459 5 Oct/oct 2001 DK (05.10.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CAPACITIVE DYNAMOMETER

• DYNAMOMETRE CAPACITIF

(71, 72) **EILERSEN, Nils, Aage, Juul** [DK/DK]; Goenghusvej 226, DK-2950 Vedbaek (DK).

(81) AT AU BR BY CA CH CN CZ DE DK ES FI GB IL IN JP KP KR MX NZ PH PL PT RU SE SG SK TR UA US VN ZA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G01L 1/20, G01R 31/28, 31/02

(11) WO 02/077594 (13) A1

(21) PCT/EP02/02648

(22) 11 Mar/mar 2002 (11.03.2002)

(25) de (26) de

(30) 90745 20 Mar/mar 2001 LU (20.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CIRCUIT ARRANGEMENT WITH SEVERAL SENSOR ELEMENTS IN MATRIX CIRCUIT DESIGN

• CIRCUIT COMPRENANT PLUSIEURS ELEMENTS DE DETECTION A INTER-CONNEXION MATRICIELLE

(71) **I.E.E. INTERNATIONAL ELECTRONICS & ENGINEERING S.À R.L.** [LU/LU]; Zone Industrielle Findel, 2b, route de Trèves, L-2632 Luxembourg (LU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **THINNES, Martin** [DE/DE]; Hüttenberg 55, 54311 Trierweiler (DE).

(74) **BEISSEL, Jean** et al. / etc.; Office Ernest T. Freylinger S.A., B.P. 48, L-8001 Strassen (LU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G01L 5/22, B62D 1/10

(11) WO 02/077595 (13) A1

(21) PCT/EP02/03164

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 14 688.4 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TORSION MODULE OF A TORQUE DETECTION DEVICE

• MODULE DE TORSION D'UN DISPOSITIF DE DETECTION DE COUPLE

(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) **NIEDING, Klaus** [DE/DE]; Kölner Str. 9, 58553 Halver (DE). **BÖBEL, Ralf** [DE/DE]; Ostkirchstr. 99, 44269 Dortmund (DE). **BLÄSING, Frank** [DE/DE]; Kurze Str. 15, 59457 Werl (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)⁷ G01L 7/08

(11) WO 02/077596 (13) A1

(21) PCT/EP02/01304

(22) 8 Feb/fév 2002 (08.02.2002)

(25) de (26) de

(30) 101 08 105.7 20 Feb/fév 2001 DE (20.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR PRODUCING A CORROSION-RESISTANT SEPARATING BODY

• PROCEDE DE PRODUCTION D'UN CORPS DE SEPARATION RESISTANT A LA CORROSION

(71) **ENDRESS + HAUSER GMBH + CO.** [DE/DE]; Hauptstrasse 1, 79689 Maulburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FLÖGEL, Karl** [DE/DE]; Blasistrasse 42, 79650 Schopfheim (DE). **BURCZYK, Dietfried** [DE/DE]; Moldausttrasse 20, 14513 Teltow (DE). **VELTEN, Thomas** [DE/DE];

- Kapellenstrasse 6, 66507 Reifenberg (DE). KASTNER, Bernd [DE/DE]; Wiesenweg 5, 79650 Schopfheim (DE). WOEST, Wolfgang [DE/DE]; Theresienstrasse 11a, 79618 Rheinfelden (DE).
- (74) ANDRES, Angelika; c/o Endress + Hauser Deutschland Holding GmbH, PatServe, Colmarer Strasse 6, 79576 Weil am Rhein (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

- (51)⁷ G01L 9/00
(11) WO 02/077597 (13) A1
(21) PCT/EP02/03145
(22) 21 Mar/mar 2002 (21.03.2002)
(25) de (26) de
(30) 101 14 751.1 22 Mar/mar 2001 DE (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • PRESSURE SENSOR
• CAPTEUR DE PRESSION
(71, 72) KURZ, Gerhard [DE/DE]; Industries-trasse 20, 75382 Althengstett (DE).
(72, 75) SCHULZ, Detlef [DE/DE]; Brunnenstr. 8, 72657 Altenriet (DE).
(74) LINDNER, Michael et al. / etc.; Witte, Weller & Partner, Postfach 105462, 70047 Stuttgart (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 G01L 9/04, 19/14, 27/00, H01L 29/84
(11) WO 02/077598 (13) A1
(21) PCT/JP02/02855
(22) 25 Mar/mar 2002 (25.03.2002)
(25) ja (26) ja
(30) 2001-85852 23 Mar/mar 2001 JP (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • SEMICONDUCTOR PRESSURE SENSOR AND REGULATION METHOD THEREFOR
• CAPTEUR DE PRESSION SEMI-CONDUCTEUR ET PROCEDE DE REGULATION ASSOCIE

- (71) HITACHI, LTD. [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP). FUJI ELECTRIC CO., LTD. [JP/JP]; 1-1, Tanabeshinden, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9530 (JP).
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(72, 75) MIYAZAKI, Atsushi [JP/JP]; c/o Automotive Products, Hitachi, Ltd., 2520, Ohaza-Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP). ISHIKAWA, Hitoshi [JP/JP];

- c/o Automotive Products, Hitachi, Ltd., 2520, Ohaza-Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP). SAITO, Kazunori [JP/JP]; c/o Fuji Electric Co., Ltd., 1-1, Tanabeshinden, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9530 (JP). ASHINO, Kimihiro [JP/JP]; c/o Fuji Electric Co., Ltd., 1-1, Tanabeshinden, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9530 (JP). UEYANAGI, Katsumichi [JP/JP]; c/o Fuji Electric Co., Ltd., 1-1, Tanabeshinden, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9530 (JP).
(74) KASUGA, Yuzuru; 7F., Kyodo Bldg.-Shinkodenmachi, 1-3, Nihonbashi-Kodenmachi, Chuo-ku, Tokyo 103-0001 (JP).
(81) DE KR US.

- (51)⁷ G01M 9/00
(11) WO 02/077599 (13) A2
(21) PCT/US01/49795
(22) 26 Oct/oct 2001 (26.10.2001)
(25) en (26) en
(30) 60/246,030 6 Nov/nov 2000 US (06.11.2000)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • RAPID PROTOTYPE WIND TUNNEL MODEL AND METHOD OF MAKING SAME
• MAQUETTE DE SOUFFLERIE PROTOTYPE RAPIDE ET SON PROCEDE DE FABRICATION

- (71) THE JOHNS HOPKINS UNIVERSITY [US/US]; 34th and Charles Streets, Baltimore, MD 21218 (US).
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(72, 75) HEISLER, Richard, R. [US/US]; 513 Red Birch Road, Millersville, MD 21108 (US). RATLIFF, Clifford, L. [US/US]; 70 Gina Court, Eldersburg, MD 21784 (US).
(74) GRAF, Ernest, R. et al. / etc.; The Johns Hopkins University, Applied Physics Laboratory, 11100 Johns Hopkins Road, Laurel, MD 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 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 G01M 11/04
(11) WO 02/077600 (13) A1
(21) PCT/GB02/01228
(22) 15 Mar/mar 2002 (15.03.2002)
(25) en (26) en
(30) 0107374.1 23 Mar/mar 2001 GB (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • MODULAR OPTICAL CONSTRUCTION SYSTEM, COMPONENTS AND METHOD

- SYSTEME DE STRUCTURE OPTIQUE MODULAIRE, COMPOSANTS ET PROCEDE
(71) MELLES GRIOT LIMITED [GB/GB]; 16 Stratford Place, London W1N 9AF (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) GALPIN, John [GB/GB]; Ballaquane Farm, Dalby IM5 3BP, Isle of Man (GB).
(74) HAINES, Miles, John; 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 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 G01M 17/007
(11) WO 02/077601 (13) A1
(21) PCT/JP02/02485
(22) 15 Mar/mar 2002 (15.03.2002)
(25) ja (26) ja
(30) 2001-74517 15 Mar/mar 2001 JP (15.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD OF MEASURING UNILATERAL FLOW RATE OF VEHICLES
• PROCEDE DE MESURE D'UN TAUX D'ECOULEMENT UNILATERAL DE VEHICULES
(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) HARA, Kiyonobu [JP/JP]; c/o HONDA ENGINEERING CO., LTD., 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP). NOGUCHI, Sumio [JP/JP]; c/o HONDA ENGINEERING CO., LTD., 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP). KURAI, Kenichiro [JP/JP]; c/o HONDA ENGINEERING CO., LTD., 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP).
(74) KITAMURA, Kinichi et al. / etc.; 703, New Shinbashi Building, 16-1, Shinbashi 2-chome, Minato-Ku, Tokyo 105-0004 (JP).
(81) CA US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ G01N
(11) WO 02/077602 (13) A2
(21) PCT/US01/43601
(22) 13 Nov/nov 2001 (13.11.2001)
(25) en (26) en
(30) 60/248,330 13 Nov/nov 2000 US (13.11.2000)
(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • HIGH-QUALITY CONTINUOUS PARTICULATE MATTER MONITOR
• MONITEUR DE HAUTE QUALITE CONTINUE POUR MATIERE PARTICULAIRE
- (63) US 60/248,330 (CON)
13 Nov/nov 2000 (13.11.2000)
- (71) UNIVERSITY OF SOUTHERN CALIFORNIA [US/US]; 3716 S. Hope Street, Suite 313, Los Angeles, CA 90007-4333 (US).
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- (72, 75) SIOUTAS, Constantinos [GR/US]; 11728 Wilshire Boulevard, #1113, Los Angeles, CA 90089 (US). SOLOMON, Paul, A. [US/US]; 2531 Vintage Rose Avenue, Henderson, NV 89052 (US).
- (74) HARRIS, Scott, C.; Fish & Richardson P.C., 4350 La Jolla Village Drive, Suite 500, San Diego, CA 92122 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA 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 G01N
(11) WO 02/077603 (13) A2
(21) PCT/US02/11256
(22) 27 Mar/mar 2002 (27.03.2002)
(25) en (26) en
(30) 60/278,974 27 Mar/mar 2001 US (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • IDENTIFICATION AND ENUMERATION OF COCCIDIAL SPOROCYSTS
• IDENTIFICATION ET DENOMBREMENT DE SPOROCYSTES DE COCCIDIES
- (71) NOVUS INTERNATIONAL, INC. [US/US]; 530 Maryville Centre Drive, St. Louis, MO 63141 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PFANNENSTIEL, Mary, Ann [US/US]; 530 Maryville Centre Drive, St. Louis, MO 63141 (US).
- (74) ROEDEL, John, K., Jr.; Senniger, 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 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 G01N
(11) WO 02/077605 (13) A2
(21) PCT/US02/08368
(22) 18 Mar/mar 2002 (18.03.2002)
(25) en (26) en
(30) 60/277,810 21 Mar/mar 2001 US (21.03.2001)
(30) 09/880,311 12 Jun/juin 2001 US (12.06.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • REENTRANT CAVITY BIOASSAY FOR DETECTING MOLECULAR OR CELLULAR EVENTS
• DISPOSITIF DE BIODOSAGE A CAVITE RENTRANTE SERVANT A DETECTER DES EVENEMENTS MOLECULAIRES OU CELLULAIRES
- FI FR GB GR IE 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 G01N
(11) WO 02/077604 (13) A2
(21) PCT/US02/06967
(22) 7 Mar/mar 2002 (07.03.2002)
(25) en (26) en
(30) 09/801,471 8 Mar/mar 2001 US (08.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS
• CELLULES MARQUEES SERVANT DE TEMOIN FONCTIONNEL INTERNE DANS DES ESSAIS DE DETECTION DE CELLULES RARES
- (71) IMMUNIVEST CORPORATION [US/US]; Suite 1300, 1105 North Market Street, P.O. Box 8985, Wilmington, DE 19899 (US).
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- (72, 75) TERSTAPPEN, Leon, W., M., M. [NL/US]; 1354 Old Ford Road, Huntingdon Valley, PA 19006 (US). RAO, Galla, Chandra [IN/US]; 6 Heritage Boulevard, Princeton, NJ 08540 (US). RUTNER, Herman [US/US]; 50 South Penn Street, Hatboro, PA 19040 (US). LIBERTI, Paul, A. [US/US]; 449 W. Montgomery Avenue, No. 309, Haverford, PA 19041 (US).
- (74) RIGAUT, Kathleen, D. et al. / etc.; Dann, Dorfman, Herrell and Skillman, Suite 720, 1601 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 ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G01N
(11) WO 02/077606 (13) A2
(21) PCT/US02/08703
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 09/820,372 23 Mar/mar 2001 US (23.03.2001)
(30) 10/017,751 7 Dec/déc 2001 US (07.12.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ELECTROCHEMICAL SENSOR AND METHOD THEREOF
• DETECTEUR ELECTROCHIMIQUE ET SON PROCEDE
- (71) VIROTEK, LLC [US/US]; 900 Asbury Drive - Unit 7, Buffalo Grove, IL 60089 (US).
- (72) RAPPIN, Craig; 3619 Crestview Drive, Long Grove, IL 60047 (US). HAJIZADEH, Kiamars; 7 Victoria Lane, Lincolnshire, IL 60069 (US). MILLS, Kelly; 5104 Hickory Lane, McHenry, IL 60050 (US).
- (74) MORNEAULT, Monique, A.; Wallenstein & Wagner, Ltd., 311 South Wacker Drive - 5300, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG 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 G01N
(11) WO 02/077607 (13) A2
(21) PCT/US02/08806
(22) 22 Mar/mar 2002 (22.03.2002)
- (71) SIGNATURE BIOSCIENCE, INC. [US/US]; 21124 Cabot Boulevard, Hayward, CA 94545-1130 (US).
- (72) BARTELL, Barrett, J.; 778 Moana Way, Pacifica, CA 94044 (US). HEANUE, Joseph, A.; 105 Troon Way, Half Moon Bay, CA 94019 (US). RHODES, Mark, A.; 735 Sapphire Street, Redwood City, CA 94061 (US).
- (74) NEELEY, Richard, L. et al. / etc.; Signature BioScience, Inc., 21124 Cabot Boulevard, Hayward, CA 94545-1130 (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(25) en (26) en
(30) 60/278,359 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • APPLYING FAR INFRARED RADIATION TO BIOLOGICAL MATTER
• APPLICATION DE RAYONNEMENT INFRAROUGE LOINTAIN SUR UNE MATIERE BIOLOGIQUE

(71) VERMONT PHOTONICS [US/US]; 120 Birge Street, Brattleboro, VT 05301-6460 (US).

(72) MROSS, Michael, R.; 225 Hickory Ridge Road South, Putney, VT 05346 (US). LOWELL, Thomas, H.; 2044 Stickney Brook Road, Dummerston, VT 05301 (US). DURANT, Robert; 2257 Sunset Lake Road, Dummerston, VT 05301 (US). DYER, Nigel; 136 Station Road, Balsall Common, Coventry CV7 7FF (GB). GIERASCH, Lila, M.; 1641 Southeast Street, Amherst, MA 01002 (US). POLLACK, Gerald, H.; 3714 48th NE, Seattle, WA 98105 (US).

(74) KAMHOLZ, Scott, E. et al. / etc.; Foley, Hoag & Eliot LLP, One Post Office Square, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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

(11) WO 02/077608 (13) A2

(21) PCT/US02/08893

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,055 22 Mar/mar 2001 US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • OPTICAL METHOD AND APPARATUS FOR DETERMINING STATUS OF AGRICULTURAL PRODUCTS

• PROCEDE ET APPAREIL OPTIQUE DE DETERMINATION DE L'ETAT DE PRODUITS AGRICOLES

(71) UNIVERSITY OF UTAH [US/US]; Technology Transfer Office, Suite 110, 615 Arapen Dr., Salt Lake City, UT 84108 (US).
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(72, 75) GELLERMANN, Werner [US/US]; 1360 E. Kensington, Salt Lake City, UT 84105 (US). MCCLANE, Robert [US/US]; 484 H St., Salt Lake City, UT 84103 (US). BERNSTEIN, Paul, S. [US/US]; 6633 Old Mill Circle, Salt Lake City, UT 84121 (US).

(74) POSA, John, G. et al. / etc.; Gifford, Krass, Groh, Sprinkle, Patmore, Anderson & Citkowski, PC, Suite 400, 280 N. Old

Woodward Avenue, Birmingham, MI 48009 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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

(11) WO 02/077609 (13) A2

(21) PCT/US02/09229

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/278,902 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IDENTIFICATION OF COMPOUNDS FOR THE TREATMENT OR PREVENTION OF PROLIFERATIVE DISEASES

• IDENTIFICATION DE COMPOSES UTILES DANS LE TRAITEMENT OU LA PREVENTION DES MALADIES PROLIFERATIVES

(71) MESSAGE PHARMACEUTICALS, INC. [US/US]; 30 Spring Mill Drive, Malvern, PA 19355 (US).

(72) GIORDANO, Anthony; 38 North Spring Lane, Phoenixville, PA 19460 (US). POWERS, Gordon, Donald; 9 Lloyd Avenue, Malvern, PA 19355 (US). STURGESS, Michael, Alan; 42 Country Road, Perkasio, PA 18944 (US). YANG, Ke; 28 John Beal Drive, Boothwyn, PA 19061 (US).

(74) BIEKER-BRADY, Kristina; Clark & Elbing LLP, 101 Federal Street, Boston, MA 02110 (US).

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G01N

(11) WO 02/077610 (13) A2

(21) PCT/US02/09269

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,174 23 Mar/mar 2001 US
(23.03.2001)

(30) 60/323,869 21 Sep/sep 2001 US
(21.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOSITIONS AND METHODS FOR IDENTIFYING AND USING MODULATORS OF PHOSPHORYLATION OF ALPHA INTEGRIN SUBUNITS

• COMPOSITIONS ET METHODES D'IDENTIFICATION ET D'UTILISATION DE MODULATEURS DE PHOSPHORYLATION DE SOUS-UNITES DE L'INTEGRINE ALPHA

(71) THE SCRIPPS RESEARCH INSTITUTE [US/US]; 10550 North Torrey Pines Road, La Jolla, CA 92037 (US).

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(72, 75) GINSBERG, Mark, H. [US/US]; 2944 Renault Place, San Diego, CA 92114 (US). HAN, Jaewon [US/US]; 7405 Charmant Drive, Apartment 2313, San Diego, CA 92122 (US).

(74) LICATA, Jane, Massey et al. / etc.; Licata & Tyrrell P.C., 66 E. Main Street, Marlton, NJ 08053 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 1/38, 21/59, 21/59

(11) WO 02/077611 (13) A1

(21) PCT/JP02/02450

(22) 14 Mar/mar 2002 (14.03.2002)

(25) ja (26) ja

(30) 2001-83410 22 Mar/mar 2001 JP
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SOLUTION AGITATING METHOD AND SAMPLE CELL USING FOR THE METHOD

• PROCEDE D'AGITATION D'UNE SOLUTION ET CELLULE ECHANTILLON UTILISEE DANS CE PROCEDE

(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) KAWAMURA, Tatsurou [JP/JP]; 16-20, Osumigaoka 3-chome, Kyotanabe-shi, Kyoto 610-0351 (JP). KAMEI, Akihito [JP/JP]; 24-5, Kinmeidaichuo, Yawata-shi, Kyoto 614-8295 (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 US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (a)

(51)⁷ G01N 1/42

(11) WO 02/077612 (13) A1

(21) PCT/NL02/00189

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

- (30) 1017669 **22 Mar/mar 2001 NL (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **DEVICE FOR PREPARING SPECIMENS FOR A CRYO-ELECTRON MICROSCOPE**
• **DISPOSITIF PERMETTANT DE PREPARER DES ECHANTILLONS DESTINES A UN MICROSCOPE CRYOELECTRONIQUE**
- (71) **UNIVERSITEIT MAASTRICHT** [NL/NL]; Universiteitssingel 50, NL-6229 ER Maastricht (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FREDERIK, Peter, Michiel** [NL/NL]; Jekerstraat 39, NL-6211 NS Maastricht (NL). **BOMANS, Paul, Henri, Hubert** [BE/BE]; Asterstraat 5, B-3670 Meeuwen Grutrode (BE). **LAEVEN, Paul, Frans, Jozef** [NL/NL]; Rott 33, NL-6294 NL Vijlen (NL). **NIJPELS, Franciscus, Johannes, Theresia** [NL/NL]; Nimrodstraat 41, NL-6219 BD Maastricht (NL).
- (74) **AALBERS, Arnt, Reinier**; De Vries & Metman, Overschiestraat 180, NL-1062 XK Amsterdam (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 9/00, 11/16, B81B 3/00, G01N 29/02, E21B 47/00, G01N 33/28**
- (11) **WO 02/077613** (13) A2
- (21) PCT/US02/09025
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) en (26) en
- (30) 60/278,302 **23 Mar/mar 2001 US (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **FLUID PROPERTY SENSORS**
• **DETECTEURS DE PROPRIETES DE FLUIDES**
- (71) **SERVICES PETROLIERS SCHLUMBERGER** [FR/FR]; 42, rue Saint-Dominique, F-75007 Paris (FR). **SCHLUMBERGER CANADA LIMITED** [CA/CA]; 525 - 3rd Avenue S.W., Calgary, Alberta T2P OG4 (CA). **PRAD RESEARCH AND DEVELOPMENT N.V.** [NL/NL]; De Ruyterkade 62, Willemstad, Curacao (AN). **SCHLUMBERGER TECHNOLOGY B.V.** [NL/NL]; Parkstraat 83-89, NL-2514 JG The Hague (NL). **SCHLUMBERGER OVERSEAS S.A.** [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA). **SCHLUMBERGER SURENCO S.A.** [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA). **SCHLUMBERGER HOLDINGS LIMITED** [—/—]; P.O. Box 71, Craigmuir Chambers, Road Town, Tortola (VG).
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- (72, 75) **GOODWIN, Anthony** [US/US]; 599 High Street Extension, Thomaston, CT 06787-1212 (US). **DONZIER, Eric** [FR/US]; 146 Candlewood ake Road, Brookfield, CT 06804 (US). **MANRIQUE, Maria** [ES/GB]; 61 College Fields, Woodhead Drive, Cambridge CB4 1YZ (GB). **PELHAM, Sarah** [GB/GB]; 5 Napier Street, Cambridge CB1 1HR (GB). **MEETEN, Gerry** [GB/GB]; South Cottage, Bromley Lane, Stanton, Ware, Herts SG11 1NW (GB).
- (74) **BATZER, William, B. et al. / etc.**; Schlumberger-Doll Research, Intellectual Property Law Department, Old Quarry Road, Ridgefield, CT 06877-4108 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **G01N 13/00, 33/15, 35/00, B01L 7/00**
- (11) **WO 02/077614** (13) A2
- (21) PCT/US02/08870
- (22) **21 Mar/mar 2002 (21.03.2002)**
- (25) en (26) en
- (30) 09/816,787 **23 Mar/mar 2001 US (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **APPARATUS FOR THE AUTOMATION OF CHEMICAL REACTION KINETICS STUDIES**
• **APPAREIL DESTINE A L'AUTOMATISATION D'ETUDES CINETIQUES DE REACTIONS CHIMIQUES**
- (71) **ORTHO-MCNEIL PHARMACEUTICAL, INC.** [US/US]; U.S. Route 202, Raritan, NJ 08869 (US).
- (72) **FERMIER, Adam, M.**; 255 Summit Drive, Easton, PA 18042 (US). **OYLER, Alan, R.**; 5 Wildwood Court, Flemington, NJ 08822 (US). **ARMSTRONG, Barbara, L.**; 205 Woodstock Lane, Somerville, NJ 08876 (US). **WEBER, James, V.**; 9 Churchill Lane, Newtown, PA 18940 (US). **NALASCO, James**; 12 Gloucester Lane, Ewing, NJ 08638 (US).
- (74) **JOHNSON, Philip, S. et al. / etc.**; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933-7003 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **G01N 17/04**
- (11) **WO 02/077615** (13) A2
- (21) PCT/US02/09608
- (22) **27 Mar/mar 2002 (27.03.2002)**
- (25) en (26) en
- (30) 60/279,061 **27 Mar/mar 2001 US (27.03.2001)**
- (30) 10/106,427 **26 Mar/mar 2002 US (26.03.2002)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **SENSOR ARRAY FOR ELECTRO-CHEMICAL CORROSION MONITORING**
• **RESEAU DE CAPTEURS PERMETTANT DE SURVEILLER LA CORROSION ELECTROCHIMIQUE**
- (71) **SOUTHWEST RESEARCH INSTITUTE** [US/US]; 6220 Culebra Road, San Antonio, TX 78238-5100 (US).
- (72) **YANG, Lietai**; 11215 Jade Spring, San Antonio, TX 78249 (US). **SRIDHAR, Nacasi**; 19906 Wittenburg, San Antonio, TX 78256 (US).
- (74) **MEEK, Kevin, J.**; Baker & Botts L.L.P., 2001 Ross Avenue, Suite 600, Dallas, TX 75201-2980 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **G01N 21/01, 21/31**
- (11) **WO 02/077616** (13) A1
- (21) PCT/US02/09542
- (22) **27 Mar/mar 2002 (27.03.2002)**
- (25) en (26) en
- (30) 60/279,187 **27 Mar/mar 2001 US (27.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **ATR CRYSTAL DEVICE**
• **DISPOSITIF A CRISTAL ATR**
- (71) **EURO-CELTIQUE, S.A.** [LU/LU]; 122, Boulevard de la Pertusse, L-2330 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BYNUM, Kevin, C.** [US/US]; 470 North Broadway, Apt. A22, Yonkers, NY 10701 (US). **KASSIS, Abe, S.** [GR/US]; 116 Florence Street, Yonkers, NY 10704 (US).

(74) **KAPPEL, Cary, S.** et al. / etc.; Davidson, Davidson & Kappel, LLC, 14th Floor, 485 Seventh Avenue, New York, NY 10018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 21/21

(11) WO 02/077617 (13) A1

(21) PCT/JP02/01572

(22) 21 Feb/fév 2002 (21.02.2002)

(25) ja (26) ja

(30) 2001-81991 22 Mar/mar 2001 JP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ANGLE-OF-ROTATION MEASURING DEVICE AND ANGLE-OF-ROTATION MEASURING METHOD
• DISPOSITIF ET PROCEDE DE MESURE D'ANGLE DE ROTATION

(71) **CITIZEN WATCH CO., LTD.** [JP/JP]; 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATSUMOTO, Kenji** [JP/JP]; C/O CITIZEN WATCH CO., LTD., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).

(74) **ISHIDA, Takashi** et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G01N 21/27

(11) WO 02/077618 (13) A1

(21) PCT/JP02/02879

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ja (26) ja

(30) 2001-89477 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR IDENTIFYING PLASTIC
• PROCEDE ET APPAREIL POUR IDENTIFIER UN PLASTIQUE

(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) **HISAZUMI, Takao** [JP/JP]; 7-37, Tanaka-cho, Ibaraki-shi, Osaka 567-0025 (JP). **GOTOH, Teruo** [JP/JP]; 1-70-3, Ankoji-cho, Takatsuki-shi, Osaka 569-1029 (JP). **IRIE, Shouichi** [JP/JP]; 1-16-19, Nakasakurazuka, Toyonaka-shi, Osaka 561-0881 (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 CZ IN KR MX US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G01N 21/35

(11) WO 02/077619 (13) A2

(21) PCT/US02/03280

(22) 6 Feb/fév 2002 (06.02.2002)

(25) en (26) en

(30) 09/777,993 6 Feb/fév 2001 US (06.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A GAS SENSOR BASED ON ENERGY ABSORPTION
• CAPTEUR DE GAZ BASE SUR L'ABSORPTION D'ENERGIE

(63) US 09/777,993 (CIP) 6 Feb/fév 2001 (06.02.2001)

(71) **EDWARDS SYSTEMS TECHNOLOGY, INCORPORATED** [US/US]; 90 Fieldstone Court, Cheshire, CT 06410 (US).
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(72, 75) **KOUZNETSOV, Andrian, I.** [RU/US]; 4667 Gerona Way, Santa Barbara, CA 93110 (US).

(74) **SHEEHAN, Kenneth, J.** et al. / etc.; Baker & Hostetler, LLP, Washington Square, Suite 1100, 1050 Connecticut Avenue, N.W., Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 21/64

(11) WO 02/077620 (13) A1

(21) PCT/EP02/03140

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 101 15 752.5 28 Mar/mar 2001 DE (28.03.2001)

(30) 102 00 865.5 11 Jan/jan 2002 DE (11.01.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE FOR REFERENCING FLUORESCENCE SIGNALS
• DISPOSITIF POUR REFERENCER DES SIGNAUX DE FLUORESCENCE

(71) **CLONDIAG CHIP TECHNOLOGIES GMBH** [DE/DE]; Löbstedter Strasse 105, 07749 Jena (DE).

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(72, 75) **ERMANTRAUT, Eugen** [DE/DE]; Forstweg 23, 07745 Jena (DE). **KAISER, Thomas** [DE/DE]; Im Dorfe 42, 07751 Bucha (DE). **TUCHSCHEERER, Jens** [DE/DE]; Neugasse 13, 07743 Jena (DE).

(74) **NEUEFEIND, Regina**; Maiwald Patentanwalts GmbH, Elisenhof, Elisenstrasse 3, 80335 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 21/64, 21/55, 21/95

(11) WO 02/077621 (13) A1

(21) PCT/GB02/01197

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 0107618.1 27 Mar/mar 2001 GB (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DETECTION AND CLASSIFICATION OF MICRO-DEFECTS IN SEMI-CONDUCTORS
• DETECTION ET CLASSIFICATION DES MICRO-DEFAUTS DE SEMI-CONDUCTEURS

(71) **AOTI OPERATING COMPANY, INC.** [US/US]; Suite 207, 131 N.W. Hawthorne Avenue, Bend, OR 97701 (US).
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(72, 75) **HIGGS, Victor** [GB/GB]; Accent Optical Technologies, Bio-Rad House, Maylands Avenue, Hemel Hempstead, Hertfordshire HP2 7TD (GB).

(74) **NOVAGRAAF PATENTS LIMITED**; The Crescent, 54 Blossom Street, York YO24 1AP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 21/76

(11) WO 02/077622 (13) A2

(21) PCT/GB02/01440

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 0107532.4 26 Mar/mar 2001 GB (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PORTABLE LIGHT DETECTOR

• DETECTEUR DE LUMIERE PORTABLE

(71) CAPITAL CONTROLS LTD [GB/GB]; Park Lane, Minworth, Sutton Coldfield, W. Midlands B76 9BL (GB).

(72, 75) PACKMAN, Andrew [GB/GB]; Revilin, Rokeby Drive, Tukers Green, Reading, Berk. RG4 9EN (GB). LEWIS, Rhys [GB/GB]; 14 Park Lane, Appleton, Oxon OX13 5JT (GB). LONG, Michael [GB/GB]; 1 Mowbrey Road, Didcot, Oxon OX11 8ST (GB).

(74) KIRKHAM, Nicholas, Andrew et al. / etc.; Graham Watt & Co., Riverhead, Sevenoaks, Kent TN13 2BN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 21/78, 21/76, 33/542, C12Q 1/00

(11) WO 02/077623 (13) A1

(21) PCT/JP01/02360

(22) 23 Mar/mar 2001 (23.03.2001)

(25) ja (26) ja

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROBE FOR VISUALIZING PHOSPHORYLATION/DEPHOSPHORYLATION OF PROTEIN AND METHOD OF DETECTING AND QUANTIFYING PHOSPHORYLATION/DEPHOSPHORYLATION OF PROTEIN

• SONDE POUR VISUALISER LA PHOSPHORYLATION/DEPHOSPHORYLATION DE PROTEINES ET PROCEDE DE DETECTION ET DE QUANTIFICATION DE LA PHOSPHORYLATION/DEPHOSPHORYLATION DE PROTEINES

(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) UMEZAWA, Yoshio [JP/JP]; 45-1-203, Ichigaya Yakuoji-machi, Shinjuku-ku, Tokyo 162-0063 (JP). SATO, Moritoshi [JP/JP]; Mukogaoka sani-kopo 103, 25-16, Mukogaoka 2-chome, Bunkyo-ku, Tokyo 113-0023 (JP). OZAWA, Takeaki [JP/JP]; 617-18, Minori-dai, Matsudo-shi, Chiba 270-2231 (JP).

(74) NISHIZAWA, Toshio; 6F, Mani-Building, 37-10, Udagawa-cho, Shibuya-ku, Tokyo 150-0042 (JP).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G01N 21/86

(11) WO 02/077624 (13) A1

(21) PCT/FI02/00229

(22) 20 Mar/mar 2002 (20.03.2002)

(25) fi (26) en

(30) 20010560 20 Mar/mar 2001 FI (20.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR DETECTING PROPERTIES OF TRAVELLING SHEET MATERIAL

• PROCEDE DE DETECTION DE PROPRIETES DE MATERIAUX EN FEUILLES MOBILES

(71) ACA SYSTEMS OY [FI/FI]; Tietotie 4, FIN-83700 Polvijärvi (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUSTALAHTI, Heikki [FI/FI]; Haavikontie 14, FIN-83700 Polvijärvi (FI). MAMIA, Heikki [FI/FI]; Askistentie 2 C, FIN-01680 Vantaa (FI). KOMULAINEN, Pekka [FI/FI]; Merikasarmintie 12 F 58, FIN-00160 Helsinki (FI).

(74) PATENTTITOIMISTO PITKÄNEN OY; PL 1750, FIN-70211 Kuopio (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 G01N 25/00

(11) WO 02/077625 (13) A1

(21) PCT/US02/08661

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/277,772 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SENSOR PROBE FOR MEASURING TEMPERATURE AND LIQUID VOLUMETRIC FRACTION OF A LIQUID DROPLET LADEN HOT GAS AND METHOD OF USING SAME

• SONDE CAPTANT LA TEMPERATURE ET LA FRACTION VOLUMETRIQUE LIQUIDE DE GAZ CHAUD CHARGE DE GOUTTELETTES DE LIQUIDE, ET PROCEDE D'UTILISATION

(71) UNIVERSITY OF MARYLAND [US/US]; Suite 300, 6200 Baltimore Avenue, College Park, MD 20742-9520 (US).

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(74) OZGU, Murat et al. / etc.; Arent Fox Kintner Plotkin & Kahn, PLLC, Suite 400, 1050 Connecticut Avenue, NW, Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 25/04

(11) WO 02/077626 (13) A1

(21) PCT/US01/09769

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MELTING POINT DETERMINING APPARATUS AND METHOD

• APPAREIL ET METHODE POUR DETERMINER UN POINT DE FUSION

(71, 72) BROTZ, Gregory, R. [US/US]; P.O. Box 1322, Sheboygan, WI 53081 (US).

(74) NITKIN, William; Suite 424, 850 Boylston Street, Chestnut Hill, MA 02467 (US).

(81) AT AU BR CA CN CZ IL IN JP KR NZ PL SE UA.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G01N 27/00

(11) WO 02/077627 (13) A2

(21) PCT/GB02/01382

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 0107231.3 22 Mar/mar 2001 GB (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PATCH-CLAMPING AND ITS USE IN ANALYSING SUBCELLULAR FEATURES

• TECHNIQUE PATCH-CLAMP ET SON UTILISATION DANS L'ANALYSE DE

CARACTERISTIQUES INFRACELLULAIRES

(71) **IMPERIAL COLLEGE INNOVATIONS LIMITED** [GB/GB]; Sheffield Building, Imperial College, London SW7 2AZ (GB).

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(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 27/00

(11) **WO 02/077628** (13) A1

(21) PCT/US02/11154

(22) **21 Mar/mar 2002 (21.03.2002)**

(25) en (26) en

(30) 09/816,648 **22 Mar/mar 2001 US (22.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **DATA COLLECTION METHODS AND APPARATUS**
• **PROCEDES ET DISPOSITIF DE COLLECTE DE DONNEES**

(71) **ONWAFER TECHNOLOGIES, INC.** [US/US]; 2491 Estrand Way, Pleasant Hill, CA 94523 (US).

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(72, 75) **MUNDT, Randall, S.** [US/US]; 4820 Wingate Drive, Pleasanton, CA 94566 (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 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 G01N 27/26

(11) **WO 02/077629** (13) A1

(21) PCT/AU02/00354

(22) **26 Mar/mar 2002 (26.03.2002)**

(25) en (26) en

(30) PR 3986 **26 Mar/mar 2001 AU (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **ELECTROPHORESIS APPARATUS INCORPORATING MULTI-CHANNEL POWER SUPPLY**
• **DISPOSITIF D'ELECTROPHORESE COMPRENANT UNE ALIMENTATION ELECTRIQUE A CANAUX MULTIPLES**

(71) **PROTEOME SYSTEMS INTELLECTUAL PROPERTY PTY LTD** [AU/AU]; Unit 1, 35-41 Waterloo Road, North Ryde, NSW 2113 (AU).

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(72, 75) **NIVEN, Rex** [AU/AU]; 15 Rockliffe Street, Eltham, VIC 3095 (AU). **HUNTER, Bill** [AU/AU]; 49 Kevin Avenue, Avalon, NSW 2107 (AU).

(74) **F B RICE & CO**; 605 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 27/26, 27/453

(11) **WO 02/077630** (13) A1

(21) PCT/AU02/00365

(22) **26 Mar/mar 2002 (26.03.2002)**

(25) en (26) en

(30) PR 3986 **26 Mar/mar 2001 AU (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **ELECTROPHORETIC APPARATUS**
• **APPAREIL D'ELECTROPHORESE**

(71) **PROTEOME SYSTEMS INTELLECTUAL PROPERTY PTY LTD** [AU/AU]; Unit 1, 35-41 Waterloo Road, North Ryde, NSW 2113 (AU).

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(72, 75) **HUNTER, Bill** [AU/AU]; 49 Kevin Avenue, Avalon, NSW 2107 (AU). **NGUYEN, Chau** [AU/AU]; 57 Beatty Street, Ivanhoe, VIC 3079 (AU). **NIVEN, Rex** [AU/AU]; 15 Rockliffe Street, Eltham, VIC 3095 (AU).

(74) **F B RICE & CO**; 605 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 27/27

(11) **WO 02/077631** (13) A1

(21) PCT/ES02/00134

(22) **20 Mar/mar 2002 (20.03.2002)**

(25) es (26) es

(30) P0100742 **26 Mar/mar 2001 ES (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **INSTRUMENT AND METHOD FOR THE ANALYSIS, IDENTIFICATION AND QUANTIFICATION OF GASES OR LIQUIDS**
• **INSTRUMENT ET PROCEDE DESTINES A L'ANALYSE, A L'IDENTIFICATION ET A LA QUANTIFICATION DE GAZ OU DE LIQUIDES**

(71) **UNIVERSIDAD DE BARCELONA** [ES/ES]; Centre de Patents, Baldiri Reixac, 4, E-08028 Barcelona (ES).

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(72, 75) **PERERA LLUNA, Alexandre** [ES/ES]; Marqués del Duero, 2, E-08800 Vilanova I La Geltrú (ES). **SUNDIC, Teodor** [ES/ES]; Comte Borrell, 119, E-08012 Barcelona (ES). **PARDO MARTINEZ, Antonio** [ES/ES]; c/Torreblanca, 16, E-08970 Sant Joan Despí (ES). **MARCO COLAS, Santiago** [ES/ES]; Menendez Pelayo, 18, E-08750 Molins De Rei (ES). **GUTIERREZ OSUNA, Ricardo** [ES/ES]; Baldiri reixac, 4, E-08028 Barcelona (ES).

(74) **MANRESA VAL, Manuel (471/5)**; Rambla Catalunya, 32, E-08007 Barcelona (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 G01N 27/414

(11) **WO 02/077632** (13) A1

(21) PCT/JP02/02414

(22) **14 Mar/mar 2002 (14.03.2002)**

(25) ja (26) ja

(30) 2001-88314 **26 Mar/mar 2001 JP (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • FIELD-EFFECT TRANSISTOR
• TRANSISTOR A EFFET DE CHAMP
- (71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).
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- (72, 75) KAWARADA, Hiroshi [JP/JP]; 9-8-405, Nakagawa 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0001 (JP).
- (74) SHIMIZU, Mamoru; Ohzono Bldg., 7-10, Kanda-mitoshiro-cho, Chiyoda-ku, Tokyo 101-0053 (JP).
- (81) 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 G01N 27/416
- (11) WO 02/077633 (13) A1
- (21) PCT/US02/07909
- (22) 13 Mar/mar 2002 (13.03.2002)
- (25) en (26) en
- (30) 60/278,555 23 Mar/mar 2001 US (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • OPEN CIRCUIT POTENTIAL AMPEROMETRY AND VOLTAMMETRY
• AMPÉROMÉTRIE ET VOLTAMPÉROMÉTRIE DU POTENTIEL D'UN CIRCUIT OUVERT
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).
- (72) KUHR, Werner, G.; 7075 Coriander Drive, Oak Hills, CA 92345 (US). BOCIAN, David, F.; 6308 Glen Air Avenue, Riverside, CA 92506 (US). LINDSEY, Jonathan, S.; 3300-301 Cotton Mill Drive, Raleigh, NC 27612 (US). ROTH, Kristian, A.; * (**).
- (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 CH CY DE DK ES FI FR GB GR IE 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 G01N 29/00
- (11) WO 02/077634 (13) A2
- (21) PCT/US02/08625
- (22) 19 Mar/mar 2002 (19.03.2002)
- (25) en (26) en
- (30) 60/278,353 22 Mar/mar 2001 US (22.03.2001)
- (30) Not furnished / 19 Mar/mar 2002 US non communiqué (19.03.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • GUIDED ACOUSTIC WAVE INSPECTION SYSTEM
• SYSTEME DE CONTROLE D'ONDES ACOUSTIQUES GUIDEES
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, Oakland, CA 94607-5200 (US).
- (72) CHINN, Diane, J.; 13762 Campus Drive, Oakland, CA 94605 (US).
- (74) SCOTT, Eddie, E.; P.O. Box 808, L-703, Livermore, CA 94551 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G01N 29/00
- (11) WO 02/077635 (13) A2
- (21) PCT/US02/09093
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 09/815,918 23 Mar/mar 2001 US (23.03.2001)
- (30) 60/339,173 11 Dec/déc 2001 US (11.12.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR DETERMINING RELATIVE AMOUNTS OF CONSTITUENTS IN A MULTIPHASE FLOW
• PROCEDE DE DETERMINATION DE QUANTITES RELATIVES DE CONSTITUANTS DANS UN ECOULEMENT POLYPHASIQUE
- (71) BAUMOEL, Joseph [US/US]; 104 Fairway View Drive, The Hamlet, Commack, NY 11725 (US).
- (74) CHAU, Frank et al. / etc.; F. Chau & Associates, LLP, Suite 501, 1900 Hempstead Turnpike, East Meadow, NY 11554 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G01N 33/00
- (11) WO 02/077636 (13) A2
- (21) PCT/FR02/01065
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) fr (26) fr
- (30) 09/04079 27 Mar/mar 2001 FR (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • VOLATILE SIGNATURE DETECTOR AND ASSOCIATED METHODS
• DETECTEUR D'UNE SIGNATURE VOLATILE ET PROCEDES ASSOCIES
- (71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR).
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- (74) DEMACHY, Charles et al. / etc.; Grosset-Fournier & Demachy S.a.r.l., 103, rue La Fayette, 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 CH CY DE DK ES FI FR GB GR IE 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 G01N 33/00, A01K 67/027, C12N 5/00, 5/02, 15/00, 15/09, 15/63, 15/70, 15/74, 15/85, 15/87
- (11) WO 02/077637 (13) A1
- (21) PCT/US02/08933
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 60/278,155 22 Mar/mar 2001 US (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SEX-SPECIFIC SELECTION OF SPERM FROM TRANSGENIC ANIMALS
• SELECTION DE SPERME EN FONCTION DU SEXE A PARTIR D'ANIMAUX -TRANSGENIQUES
- (71) INFIGEN, INC. [US/US]; 1825 Infinity Drive, DeForest, WI 53532 (US).
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- (72, 75) FORSBERG, Erik, J. [US/US]; 5707 Niagra Court, Oregon, WI 53575 (US). EILERTSEN, Kenneth, J. [US/US]; 268 Gochl Road, Waterloo, WI 53594 (US). BISHOP, Michael, D. [US/US]; W4628 Hall Road, Rio, WI 53960 (US). ZHENG, Ying [CN/US]; 2285 S. Thompson Drive, Apt. #4, Madison, WI 53716 (US). LENO, Gregory, H. [US/US]; 7126 New Washburn Way, Madison, WI 53719 (US).

(74) **WARBURG, Richard, J. et al. / etc.;** Foley & Lardner, P.O. Box 80278, San Diego, CA 92138-0278 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 33/00

(11) WO 02/077638 (13) A2

(21) PCT/US02/09163

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/816,472 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SILICON MICROPROBE WITH INTEGRATED BIOSENSOR
• MICROSONDE DE SILICIUM A BIO-CAPTEUR INTEGRE

(71) **KUMETRIX, INC.** [US/US]; 29524 Union City Blvd., Union City, CA 94587 (US).

(72) **SMART, Wilson, H.;** 245 Washington Avenue, Palo Alto, CA 94301 (US). **SUBRAMANIAN, Kumar;** 6833 Corte Munras, Pleasanton, CA 94566 (US). **ORLOFF, Eugene;** 1627 9th Street, Berkeley, CA 94710 (US).

(74) **SMITH, Gregory, S. et al. / etc.;** Gregory Smith & Associates, Suite 317, 3900 Newpark Mall Road, Newark, CA 94560 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 33/48

(11) WO 02/077639 (13) A2

(21) PCT/EP02/03022

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 0107393.1 23 Mar/mar 2001 GB (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A METHOD OF ASSAYING OSTEOCALCIN FRAGMENTS IN BODY FLUIDS, A TEST KIT AND MEANS FOR

CARRYING OUT THE METHOD AND USE OF THE MEHTOD TO MONITOR BOND RESORPTION AND RESPONSE TO ANTIRESORPTIVE THERAPY

• METHODE D'ANALYSE DE FRAGMENTS D'OSTEOCALCINE DANS DES FLUIDES CORPORELS, TROUSSE D'ANALYSE ET DISPOSITIF PERMETTANT DE METTRE EN OEUVRE CETTE METHODE, ET UTILISATION DE LADITE METHODE POUR SURVEILLER LA RESORPTION OSSEUSE ET LA REponse A UN TRAITEMENT ANTIRESORPTION

(71) **OSTEOMETER BIOTECH A/S** [DK/DK]; OsteoPark, Herlev Hovedgade 207, DK-2730 Herlev (DK).

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(72, 75) **CLOOS, Paul, Andreas, Compare** [DK/DK]; Gl. Kalkbrænderivej 58, 4. tv., DK-2100 København Ø (DK).

(74) **SMART, Peter, J.;** W.H. Beck, Greener & Co., 7 Stone Buildings, Lincoln's Inn, London WC2A 3SZ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 33/48

(11) WO 02/077640 (13) A2

(21) PCT/IB02/02209

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,592 25 Mar/mar 2001 US (25.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEMS FOR ANALYSIS OF BIOLOGICAL MATERIALS

• SYSTEMES D'ANALYSE DE MATIERES BIOLOGIQUES

(71) **EXIQON A/S** [DK/DK]; Bystubben 9, DK-2950 Vedbæk (DK).

(72) **JAKOBSEN, Mogens, Havsteen;** Ålekistevej 225, 1., DK-2720 Vanløse (DK).

(74) **ADAM, Holger;** Kraus & Weisert, Thomas-Wimmer-Ring 15, 80539 Munich (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/487

(11) WO 02/077641 (13) A2

(21) PCT/US02/07069

(22) 7 Mar/mar 2002 (07.03.2002)

(25) en (26) en

(30) 60/274,097 7 Mar/mar 2001 US (07.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • REFERENCE ELECTRODE

• ELECTRODE DE REFERENCE

(71) **INSTRUMENTATION LABORATORY COMPANY** [US/US]; 101 Hartwell Avenue, Lexington, MA 02142 (US).

(72) **ERDOSY, Miklos;** B6 Scotty Hollow Drive, North Chelmsford, MA 01863 (US). **COSOFRET, Vasile, V.;** 5 Green Needle Way, Acton, MA 01720 (US).

(74) **STEEL, Diana, M.;** 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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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, 33/566, A61P 13/12, A61K 45/00

(11) WO 02/077642 (13) A1

(21) PCT/JP02/02828

(22) 25 Mar/mar 2002 (25.03.2002)

(25) ja (26) ja

(30) 2001-88018 26 Mar/mar 2001 JP (26.03.2001)

(30) 2001-270551 6 Sep/sep 2001 JP (06.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF SCREENING DRUG FOR PREVENTING/TREATING PROLIFERATIVE GLOMERULAR NEPHRITIS

• PROCEDE DE CRIBLAGE DE MEDICAMENTS DESTINES A LA PREVENTION/AU TRAITEMENT DE LA GLOMERULONEPHRITIS PROLIFERATIVE

(71) **NIPPON SHINYAKU CO., LTD.** [JP/JP]; 14, Kisshoin Nishinosho Monguchicho, Minami-ku, Kyoto-shi, Kyoto 601-8550 (JP).

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(72, 75) **TAKAGAKI, Kazuchika** [JP/JP]; 2-17, Ninomiya 4-chome, Tsukuba-shi, Ibaraki 305-0051 (JP). **KATSUMA, Susumu** [JP/JP]; 7-403, Ninomiya-danchi, 8-3, Ninomiya 4-chome, Tsukuba-shi, Ibaraki 305-0051 (JP). **TSUJIMOTO, Gozoh**

- [JP/JP]; 14-18, Nakamachi 1-chome, Setagaya-ku, Tokyo 158-0091 (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) 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 **G01N 33/53**
- (11) **WO 02/077643** (13) A2
- (21) PCT/EP02/03383
- (22) **26 Mar/mar 2002 (26.03.2002)**
- (25) de (26) de
- (30) 101 15 083.0 **27 Mar/mar 2001 DE (27.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DETECTION OF INFLAMMATIONS
• DETECTION D'INFLAMMATIONS
- (71) **SCHEBO BIOTECH AKTIENGESELLSCHAFT** [DE/DE]; Netanyastrasse 3-5, 35394 Giessen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHLATTERER, Bert** [DE/DE]; Hüniger Strasse 12, 14195 Berlin (DE). **BAEKKER, Regine** [DE/DE]; Rosskastanienstrasse 2, 14469 Potsdam (DE). **SCHEEFERS-BORCHEL, Ursula** [DE/DE]; Netanyastrasse 3-5, 35394 Giessen (DE). **SCHEEFERS, Hans** [DE/DE]; Netanyastrasse 3-5, 35394 Giessen (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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **G01N 33/543, 33/551, 30/02, 33/53**
- (11) **WO 02/077644** (13) A1
- (21) PCT/US02/02406
- (22) **28 Jan/jan 2002 (28.01.2002)**
- (25) en (26) en
- (30) 09/776,800 **5 Feb/fév 2001 US (05.02.2001)**
- (30) 09/794,857 **27 Feb/fév 2001 US (27.02.2001)**
- (30) 09/863,631 **23 May/mai 2001 US (23.05.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MICROCOLUMN CHROMATOGRAPHIC IMMUNOASSAYS
• IMMUNOESSAIS CHROMATOGRAPHIQUES SUR MICROCOLONNE
- (71) **THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA** [US/US]; 3835 Holdrege Street, -, Lincoln, NE 68588-0745 (US).
- (72) **HAGE, David, S.**; 8023 Meredith Street, -, Lincoln, NE 68506 (US). **CLARKE, William, E.**; 600 North Wolfe Street, -, Baltimore, MD 21287 (US).
- (74) **DOTY, Kathryn, J.** et al. / etc.; Senniger, 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 CH CY DE DK ES FI FR GB GR IE 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 33/543, 33/566**
- (11) **WO 02/077645** (13) A2
- (21) PCT/US02/03176
- (22) **2 Jan/jan 2002 (02.01.2002)**
- (25) en (26) en
- (30) 09/768,127 **23 Jan/jan 2001 US (23.01.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR THE ANALYSIS OF SOLUBLE ANALYTES
• PROCEDE PERMETTANT D'ANALYSER DES SUBSTANCES SOLUBLES A ANALYSER
- (71) **COULTER INTERNATIONAL CORP.** [US/US]; 11800 S.W. 147 avenue, Mail Code 32-A02, Miami, FL 33196 (US).
- (72) **SIIMAN, Olavi**; 15920 Cobblestone Court, Davie, FL 33331 (US).
- (74) **ALTER, Mitchell, E.**; Coulter International Corp., P.O. Box 169015, Mail Code 32-A02, Miami, FL 33116-9015 (US).
- (81) JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **G01N 33/543**
- (11) **WO 02/077646** (13) A1
- (21) PCT/US02/08284
- (22) **14 Mar/mar 2002 (14.03.2002)**
- (25) en (26) en
- (30) 09/817,781 **26 Mar/mar 2001 US (26.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMPENSATION FOR VARIABILITY IN SPECIFIC BINDING IN QUANTITATIVE ASSAYS
• COMPENSATION DE LA VARIABILITE DES FIXATIONS SPECIFIQUES DANS DES DOSAGES QUANTITATIFS
- (63) US **09/817,781 (CON)**
26 Mar/mar 2001 (26.03.2001)
- (71) **RESPONSE BIOMEDICAL CORPORATION** [CA/CA]; 8855 Northbrook Court, Burnaby, British Columbia V5J 5J1 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HARRIS, Paul, C.** [US/US]; 3022 184th Place S.E., Bothell, WA 98012 (US). **RICHARDS, Brian, G.** [CA/CA]; 4165 Fairway Place, North Vancouver, British Columbia V7G 1Y8 (CA).
- (74) **BROOK, David, E.** 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 CH CY DE DK ES FI FR GB GR IE IT 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 33/543**
- (11) **WO 02/077647** (13) A1
- (21) PCT/US02/08778
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) en (26) en
- (30) 09/815,909 **23 Mar/mar 2001 US (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • AMPLIFICATION OF ANALYTE DETECTION BY SUBSTRATES HAVING PARTICLE STRUCTURES WITH RECEPTORS
• AMPLIFICATION DE LA DETECTION D'ANALYTES AU MOYEN DE SUBSTRATS DOTES DE STRUCTURES DE PARTICULES AVEC RECEPTEURS
- (71) **ARRAY BIOSCIENCE CORPORATION** [US/US]; 4703 Tidewater Avenue, Suite F, Oakland, CA 94601 (US).
- (72) **KREIMER, David, I.**; 1841 Dwight Way, Berkeley, CA 94703 (US). **YEVIN, Oleg, A.**; 1364 Creekside Drive, Apartment 2, Walnut Creek, CA 94596 (US). **NUFERT, Thomas, H.**; 2979 Santos Lane, #104, Walnut Creek, CA 94596 (US).
- (74) **MEYER, Sheldon, R.** et al. / etc.; Fliesler Dubb Meyer & Lovejoy LLP, Suite 400, Four Embarcadero Center, San Francisco, CA 94111-4156 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 33/569
(11) WO 02/077648 (13) A2
(21) PCT/GB02/01399
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en

- (30) 0107219.8 22 Mar/mar 2001 GB
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • PATHOGENIC AND COMMENSAL
VACCINE ANTIGENS
• ANTIGENES VACCINAUX DE NESSE-
RIA PATHOGENES ET COMMENSAUX

- (71) MICROBIOLOGICAL RESEARCH
AUTHORITY [GB/GB]; CAMR, Porton
Down, Salisbury, Wiltshire SP4 0JG (GB).
IMPERIAL COLLEGE INNOVATIONS
LIMITED [GB/GB]; Sherfield Building,
Imperial College, London SW7 2AZ (GB).
*(for all designated States except / pour tous
les États désignés sauf US)*

- (72, 75) ROBINSON, Andrew [GB/GB]; Micro-
biological Research Authority CAMR, Porton
Down, Salisbury, Wiltshire SP4 0JG (GB).
GORRINGE, Andrew, Richard [GB/GB];
Microbiological Research Authority CAMR,
Porton Down, Salisbury, Wiltshire SP4 0JG
(GB). HUDSON, Michael, John [GB/GB];
Microbiological Research Authority CAMR,
Porton Down, Salisbury, Wiltshire SP4 0JG
(GB). BRACEGIRDLE, Philippa [GB/GB];
Microbiological Research Authority, CAMR,
Porton Down, Salisbury, Wiltshire SP4 0JG
(GB). WEST, David, McKay [GB/GB];
Microbiological Research Authority, CAMR,
Porton Down, Salisbury, Wiltshire SP4 0JG
(GB). OLIVER, Kerry, Jane [GB/GB];
Microbiological Research Authority, Camr,
Porton Down, Salisbury, Wiltshire SP4 0JG
(GB). KROLL, John, Simon [GB/GB]; Im-
perial College Innovations Limited, Sherfield
Building, Imperial College, London SW7
2AZ (GB). LANGFORD, Paul, Richard
[GB/GB]; Imperial College Innovations Lim-
ited, Sherfield Building, Imperial College,
London SW7 2AZ (GB).

- (74) SCHLICH, George, William et al. / etc.;
Mathys & Squire, 100 Gray's Inn Road, Lon-
don 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 VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 : (q2)

- (51)⁷ G01N 33/574

- (11) WO 02/077649 (13) A1

- (21) PCT/JP02/02984

- (22) 27 Mar/mar 2002 (27.03.2002)

- (25) ja (26) ja

- (30) 2001-89842 27 Mar/mar 2001 JP
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • METHOD OF DIAGNOSING BREAST
CANCER
• PROCEDE DE DIAGNOSTIC DE CAN-
CER DU SEIN

- (71) PRIMMUNE K.K. [JP/JP]; YSK Building
6F, 1-2-5, Uchihonmachi, Chuo-ku, Osaka-
shi, Osaka 540-0026 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

- (72, 75) FURUKAWA, Kiyoshi [JP/JP]; 2-19-53,
Shinmachi, Kokubunji-shi, Tokyo 185-0004
(JP). GUO, San Chun [CN/JP]; 38-5,
Hikawacho, Itabashi-ku, Tokyo 173-0013
(JP). SATO, Takeshi [JP/JP]; 4-7-9, Isehara-
cho, Kawagoe-shi, Saitama 350-1108 (JP).

- (74) ASAMURA, Kiyoshi et al. / etc.; Room
331, New Ohtemachi Bldg., 2-1, Ohtemachi
2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

- (81) AU CA CN JP KR US.

- (84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

- (51)⁷ G01N 33/58

- (11) WO 02/077650 (13) A1

- (21) PCT/GB02/01086

- (22) 11 Mar/mar 2002 (11.03.2002)

- (25) en (26) en

- (30) 0107563.9 27 Mar/mar 2001 GB
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • NO SYNTHASE ASSAY PARTICLES
AND METHOD
• PARTICULES DE DOSAGE NO SYN-
THETASE ET PROCEDE ASSOCIE

- (71) AMERSHAM BIOSCIENCES UK LIM-
ITED [GB/GB]; Amersham Place, Little
Chalfont, Buckinghamshire HP7 9NA (GB).
*(for all designated States except / pour tous
les États désignés sauf US)*

- (72, 75) LOOKER, Michael, Roger [GB/GB];
Amersham Biosciences UK Limited,
The Maynard Centre, Forest Farm Es-
tate, Whitchurch, Cardiff CF4 7YT (GB).
WILLIAMS, David [GB/GB]; Amersham
Biosciences UK Limited, The Maynard Cen-
tre, Whitchurch, Cardiff CF14 7YT (GB).

- (74) HAMMER, Catriona, MacLeod et al.
/ etc.; Amersham plc, The Grove Centre,
White Lion Road, Amersham, Bucking-
hamshire HP7 9LL (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 33/74, 33/68, C12Q 1/68

- (11) WO 02/077651 (13) A1

- (21) PCT/FR02/01076

- (22) 27 Mar/mar 2002 (27.03.2002)

- (25) fr (26) fr

- (30) 01/04128 27 Mar/mar 2001 FR
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • METHOD FOR DIAGNOSING
CHRONIC INTESTINAL INFLAM-
MATORY DISEASES
• METHODE DE DIAGNOSTIC DE MA-
LADIES INFLAMMATOIRES CHRO-
NIQUES DE L'INTESTIN

- (71) CENTRE HOSPITALIER REGIONAL
UNIVERSITAIRE DE LILLE [FR/FR]; 2,
avenue Oscar Lambret, F-59037 Lille Cedex
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les États désignés sauf US)*

- (72, 75) DESREUMAUX, Pierre [FR/FR]; 121,
avenue du Parc Monceau, F-59800 Lille (FR).
COLOMBEL, Jean-Frédéric [FR/FR]; 52,
rue Faidherbe, F-59110 La Madeleine (FR).
DUBUQUOY, Laurent [FR/FR]; 3, rue de
Landouzy, F-02500 Eparcy (FR).

- (74) MARTIN, Jean-Jacques et al. / etc.; Cabi-
net Regimbeau, 26, rue de Chazelles, F-75847
Paris Cedex 17 (FR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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)

Declaration / Déclaration :
(u) for / pour US only / seulement

- (51)⁷ G01N 33/74, 33/574, 33/533

- (11) WO 02/077652 (13) A1

- (21) PCT/NL02/00183

- (22) 21 Mar/mar 2002 (21.03.2002)

- (25) en (26) en

- (30) 01201107.8 23 Mar/mar 2001 EP
(23.03.2001)

- (30) 09/850,363 7 May/mai 2001 US
(07.05.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SHORT TURNAROUND TIME INSULIN OR C-PEPTIDE ASSAY
- DOSAGE D'INSULINE OU DE PEPTIDE C A COURT DELAI D'EXECUTION
- (71) FUTURE DIAGNOSTICS B.V. [NL/NL]; Nieuweweg 172, NL-6603 BT Wijchen (NL).
- (72) MARTENS, Michael, Franciscus, Wilhelmus, Cornelis; Sneeuwheide 50, NL-5704 HC Helmond (NL). ROSMALEN, Franciscus, Maria, Anna; Everardusplein 16, NL-6602 EP Wychen (NL).
- (74) PRINS, A., W.; c/o Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).
- (81) AE AG AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G01R 31/02
- (11) WO 02/077654 (13) A1
- (21) PCT/US02/08418
- (22) 19 Mar/mar 2002 (19.03.2002)
- (25) en (26) en
- (30) 60/278,548 23 Mar/mar 2001 US (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD OF DETECTING CARRIER DOSE OF A SEMICONDUCTOR WAFER
- PROCEDE PERMETTANT DE DETECTER LA DOSE DE PORTEURS DANS UNE PLAQUETTE EN SEMI-CONDUCTEUR
- (71) SOLID STATE MEASUREMENTS, INC. [US/US]; 110 Technology Drive, Pittsburgh, PA 15275 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOWLAND, William, H. [US/US]; 2535 Secretariat Drive, Wexford, PA 15090 (US). HILLARD, Robert, J. [US/US]; 842 Taylor Avenue, Avalon, PA 15202 (US).
- (74) LOGSDON, William, H. et al. / etc.; Webb Ziesenheim Logsdon, Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).
- (81) 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 G01R 31/28, 31/01
- (11) WO 02/077655 (13) A1
- (21) PCT/RU01/00128
- (22) 22 Mar/mar 2001 (22.03.2001)
- (25) en (26) en
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • HANDLER FOR ELECTRONIC CIRCUITS
- MANIPULATEUR POUR CIRCUITS ELECTRONIQUES
- (71, 72) DAVYDOV, Vladimir Nikolaevich [RU/RU]; ul. Ordzhonikidze, 63/1-63, St.Petersburg, 196233 (RU).
- (72, 75) KOROLEV, Yuriy Vyacheslavovich [RU/RU]; pr. Ispytateley, 10-262, St.Petersburg, 197341 (RU). EVTUKHOV, Marat Vadimovich [RU/RU]; pr. Marshala Kozakova, 23-3-87, St.Petersburg, 198332 (RU).
- (74) NILOVA, Maria Innokentievna; Patentica, Moika Embankment, 58, St.Petersburg, 190000 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI
- SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- 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).
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- (51)⁷ G01R 31/28
- (11) WO 02/077656 (13) A1
- (21) PCT/US02/06656
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 60/277,654 22 Mar/mar 2001 US (22.03.2001)
- (30) 10/101,517 20 Mar/mar 2002 US (20.03.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • A MULTIPLE-CAPTURE DFT SYSTEM FOR SCAN-BASED INTEGRATED CIRCUITS
- SYSTEME DE CONCEPTION POUR TEST (DFT) A CAPTURES MULTIPLES DESTINE A DES CIRCUITS INTEGRES TESTES PAR BALAYAGE
- (71) SYNTEST TECHNOLOGIES, INC. [US/US]; 505 S. Pastoria Avenue, Suite 101, Sunnyvale, CA 94086 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WANG, Laung-Terng [—/—]; 726 Winstead Terrace, Sunnyvale, CA 94087-2304 (US). KAO, Shih-Chia [—/—]; 7F, No. 14, Lane 291, Section I, Kien-Kwo S. Road, Taipei 106 (TW). LIN, Meng-Chyi [—/—]; 16F, No. 65, Shinfu 5 St., Pingjen City, Taoyuan 324 (TW). WANG, Hsin-Po [—/—]; No. 4, Alley 1, Lane 122, Section 2, Chung-Hsin Road, Chu-Tung (TW). WEN, Xiaoqing [—/—]; 705 W. Fremont Ave., #4, Sunnyvale, CA 94087-2304 (US). HSU, Chi-Chan [—/—]; 11F-4, No. 50, University Rd., Hsinchu 310 (TW). HSU, Fei-Sheng [—/—]; No. 20, Alley 16, Lane 85, Fyuchu St., Hsinchu 300 (TW).
- (74) ZEGEER, Jim; 801 N. Pitt Street #108, Alexandria, VA 22314 (US).
- (81) AU CA CN IN JP NZ 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 G01R 33/09
- (11) WO 02/077657 (13) A1
- (21) PCT/JP01/02261
- (22) 22 Mar/mar 2001 (22.03.2001)
- (25) en (26) en
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MAGNETORESISTIVE SPIN-VALVE SENSOR AND MAGNETIC STORAGE APPARATUS
- CAPTEUR A VANNE DE SPIN MAGNETORESISTIF ET APPAREIL DE STOCKAGE MAGNETIQUE
- (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)

Published / Publiée : (c)

(51)⁷ G01P 3/36, A63B 69/12, 71/06

(11) WO 02/077653 (13) A1

(21) PCT/JP02/01971

(22) 4 Mar/mar 2002 (04.03.2002)

(25) ja (26) ja

(30) 2001-74318 15 Mar/mar 2001 JP (15.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MOBILE MEASURING DEVICE

- DISPOSITIF DE MESURE MOBILE

(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) KURONO, Takehiro [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP). KIMURA, Yuuichi [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP). MURAKOSHI, Takahiro [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

(72, 75) **HONG, Jongill** [KR/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **KANAI, Hitoshi** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **KANE, Junichi** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **NOMA, Kenji** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **ITO, Tadahiko**; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G01R 33/3875

(11) WO 02/077658 (13) A1

(21) PCT/US02/09272

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 09/681,371 26 Mar/mar 2001 US (26.03.2001)

(30) 09/949,623 10 Sep/sep 2001 US (10.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • OPEN MAGNET WITH RECESSED FIELD SHAPING COILS
• AIMANT OUVERT AVEC BOBINES DE FORMATION DE CHAMP A EVIDEMENT

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **HUANG, Xianrui**; 7 Park 200, Apartment 2N, Clifton Park, NY 12065 (US). **PALMO, Michael, Anthony, Jr.**; 4 Division Street, Ballston Spa, NY 12020 (US). **LASKARIS, Evangelos, Trifon**; 15 Crimson Oak Court, Niskayuna, NY 12309 (US). **AMM, Bruce, Campbell**; 7 Vineyard Circle, Clifton Park, NY 12065 (US).

(74) **CHASKIN, Jay, L. et al. / etc.**; General Electric Company, 3135 Easton Turnpike WC3, Fairfield, CT 06431 (US).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G01R 33/54, 33/561

(11) WO 02/077659 (13) A1

(21) PCT/IB02/00901

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 01201131.8 23 Mar/mar 2001 EP (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MAGNETIC RESONANCE IMAGING METHOD FOR AN ANGULATED CUT PLANE
• PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE POUR PLAN DE COUPE ANGULE

(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) **KOUWENHOVEN, Marc** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **COHEN, Julius, S.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(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 G01S

(11) WO 02/077660 (13) A2

(21) PCT/US02/09594

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/278,959 27 Mar/mar 2001 US (27.03.2001)

(30) 60/278,956 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A SYSTEM FOR THE DELIVERY AND ORBITAL MAINTENANCE OF MICRO SATELLITES AND SMALL SPACE-BASED INSTRUMENTS

• SYSTEME D'INSTALLATION ET DE CORRECTION D'ORBITE DE MICRO-SATELLITES ET PETITS INSTRUMENTS SPATIAUX

(71) **SPACE LAUNCH CORPORATION** [US/US]; 575 Anton Street, Costa Mesa, CA 92626 (US).

(72) **LOPATA, Jacob, B.**; Apartment A, 3413 South Plaza, Santa Ana, CA 92704 (US). **KAMEL, Michel, R.**; 655 Baker St., R-103, Costa Mesa, CA 92626 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G01S 5/00

(11) WO 02/077661 (13) A2

(21) PCT/EP02/03170

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 60/279,340 28 Mar/mar 2001 US (28.03.2001)

(30) 09/945,451 29 Aug/août 2001 US (29.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • REDUCED ACQUISITION TIME FOR GPS COLD AND WARM STARTS
• TEMPS D'ACQUISITION REDUIT POUR DEMARRAGES A FROID ET A CHAUD DE GPS

(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) **SANCHEZ YOLDI, César** [ES/ES]; Iberrebarri, 9, 3C, E-48630 Gorliz (ES). **MARTINEZ LEBEÑA, Alberto, J.** [ES/ES]; Fernando de los Rios, 20-C, 6D, E-39005 Santander (ES).

(74) **ERICSSON MOBILE PLATFORMS AB**; IPR Department, S-221 83 Lund (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G01S 5/06

(11) WO 02/077662 (13) A1

(21) PCT/GB02/01255

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(30) 0107610.8 27 Mar/mar 2001 GB (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL

• PROCEDE ET DISPOSITIF PERMETTANT DE LOCALISER LA SOURCE D'UN SIGNAL INCONNU

(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) **RIDEOUT, Robert, Martin** [GB/GB]; QinetiQ Defford, Defford, Worcester WR8 9DU (GB). **EDMONDS, Paul, Richard** [GB/GB]; QinetiQ Defford, Defford, Worcester WR8 9DU (GB). **DUCK, Simon, Robert** [GB/GB]; QinetiQ Defford, Defford, Worcester WR8 9DU (GB). **HAWORTH, David,**

Patrick [GB/GB]; QinetiQ Defford, Defford, Worcester WR8 9DU (GB). GRIFFIN, Christopher [GB/GB]; QinetiQ Defford, Defford, Worcester WR8 9DU (GB).

(74) WILLIAMS, Arthur; 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G01S 5/18

(11) WO 02/077663 (13) A1

(21) PCT/AU02/00342

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) PR 3894 22 Mar/mar 2001 AU (22.03.2001)

(30) PR 7029 14 Aug/août 2001 AU (14.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • POSITIONING SYSTEM

• SYSTEME DE LOCALISATION

(71) NAUTRONIX LTD. [AU/AU]; 108 Marine Terrace, Fremantle, W.A. 6160 (AU). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) DOOLAN, Phil [AU/AU]; 10 Durness Place, Canning Vale, W.A. 6155 (AU). STUART, Ross [AU/AU]; 145 Angelo Street, South Perth, W.A. 6151 (AU). PROTOOLIS, Harry [AU/AU]; 10 Malton Place, City Beach, W.A. 6015 (AU).

(74) WATERMARK PATENT & TRADE-MARK ATTORNEYS; Level 21, Allendale Square, 77 St Georges Terrace, Perth, W.A. 6000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G01S 5/18

(11) WO 02/077664 (13) A1

(21) PCT/AU02/00343

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) PR 3894 22 Mar/mar 2001 AU (22.03.2001)

(30) PR 7029 14 Aug/août 2001 AU (14.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPROVED UNDERWATER STATION

• STATION SOUS-MARINE AMELIORÉE

(71) NAUTRONIX LTD. [AU/AU]; 108 Marine Terrace, Fremantle, W.A. 6160 (AU). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) DOOLAN, Phil [AU/AU]; 10 Durness Place, Canning Vale, W.A. 6155 (AU).

(74) WATERMARK PATENT & TRADE-MARK ATTORNEYS; Level 21, Allendale Square, 77 St Georges Terrace, Perth, W.A. 6000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G01T

(11) WO 02/077665 (13) A2

(21) PCT/US01/43388

(22) 21 Nov/nov 2001 (21.11.2001)

(25) en (26) en

(30) 09/722,131 24 Nov/nov 2000 US (24.11.2000)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DIGITAL PEAK DETECTOR FOR RADIATION DETECTION SYSTEMS

• DETECTEUR DE CRETE NUMERIQUE DESTINE A DES SYSTEMES DE DETECTION DES RAYONNEMENTS

(71) PHILIPS MEDICAL SYSTEMS (CLEVELAND), INC. [US/US]; 595 Miner Road, Highland Heights, OH 44143 (US).

(72) KLINE, Barry, D.; 1264 Cleveland Hts. Boulevard, Cleveland Hts., OH 44121 (US). GRIESMER, Jerome, J.; 9402 Chardon Road, Kirtland, OH (US).

(74) LUNDIN, Thomas, M.; Philips Medical Systems (Cleveland), Inc., 595 Miner Road, Cleveland, OH 44143 (US) et al. / etc.

(81) IL JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G01T 1/24, H01L 31/115

(11) WO 02/077666 (13) A1

(21) PCT/GB02/01380

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 0107318.8 23 Mar/mar 2001 GB (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • GRABED BAND GAP SOLID STATE DETECTOR

• DISPOSITIF A SEMI-CONDUCTEURS

(71) THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW [GB/GB]; Gilbert Scott Building, Glasgow G12 8QQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SMITH, Kenway, Montgomery [GB/GB]; Department of Physics & Astronomy, The University Of Glasgow, 10 The Square, Glasgow G12 8QQ (GB). POZELA, Juras [LT/LT]; Semiconductor Physics Institute, A Gostauto 11, 2600 Vilnius (LT). POZELA, Karolis [LT/LT]; Semiconductor Physics Institute, A Gostauto 11, 2600 Vilnius (LT).

(74) MCCALLUM, William, Potter 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G01T 1/40

(11) WO 02/077667 (13) A1

(21) PCT/IB02/00958

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 101 14 303.6 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF DETERMINING THE QUANTITY OF RADIATION ABSORBED BY A RADIATION SENSOR

• PROCEDE DE DETERMINATION DE LA QUANTITE DE RAYONNEMENT ABSORBEE PAR UN DETECTEUR DE RAYONNEMENT

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(only for / seulement pour AT BE CH CY DK ES FI FR GB GR IE IT JP LU MC NL PT SE TR)

(71) PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH [DE/DE]; D-20099, Hamburg (DE).

(only for / seulement pour DE)

(72, 75) SCHMIDT, Ralf [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). ECK,

- Kai [AT/DE]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **VOLMER, Georg**; Internationaal Octroibuureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (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 G01T 7/00

(11) WO 02/077668 (13) A1

(21) PCT/GB02/01292

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 0107551.4 27 Mar/mar 2001 GB (27.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • RADIATION MONITOR
- DISPOSITIF DE SURVEILLANCE DE RAYONNEMENTS
- (71) **MBDA UK LIMITED** [GB/GB]; Six Hills Way, Stevenage, Hertfordshire SG1 2DA (GB).
- (for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CHUGG, Andrew, Michael** [GB/GB]; MBDA UK Limited, P.O. Box 5, Bristol BS34 7QW (GB).

(74) **BAE SYSTEMS PLC**; Group IP Department, Lancaster House, P.O. Box 87, Farnborough Aerospace Centre, Farnborough, Hampshire GU14 6YU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G01V 8/12, G01S 17/02, 7/481

(11) WO 02/077669 (13) A1

(21) PCT/US01/48286

(22) 11 Dec/déc 2001 (11.12.2001)

(25) en (26) en

(30) 09/815,880 23 Mar/mar 2001 US (23.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ADJUSTABLE MIRROR FOR COLLIMATED BEAM LASER SENSOR
- MIROIR MOBILE POUR CAPTEUR LASER A FAISCEAUX COLLIMATES
- (71) **AUTOMATIC TIMING & CONTROLS, INC.** [US/US]; 1827 Freedom Road, Lancaster, PA 17605-2500 (US).
- (72) **LAPOLICE, George, D.**; 10 Crestwood Avenue, Somerville, NJ 08876 (US).

(74) **KOCOVSKY, Thomas, E.**; Fay, Sharpe, Fagan, Minnich & McKee, LLP, Seventh Floor, 1100 Superior Avenue, Cleveland, OH 44114-2518 (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).

Published / Publiée : (c)

(51)⁷ G02B

(11) WO 02/077670 (13) A2

(21) PCT/EP02/02876

(22) 14 Mar/mar 2002 (14.03.2002)

(25) de (26) de

(30) 201 04 762.4 16 Mar/mar 2001 DE (16.03.2001)

- (30) 201 07 319.6 27 Apr/avr 2001 DE (27.04.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • RECREATION AND SPORTING DEVICE
- DISPOSITIF DE DIVERTISSEMENT ET DE SPORT

(71, 72) **WILDER, David** [DE/DE]; Johannesfeldring 22, 86698 Oberndorf (DE). **DURNER, Andreas** [DE/DE]; Bäumenheimer Strasse 28, 86609 Donauwörth (DE).

(74) **RAPP, Bertram et al.** / etc.; Charrier Rapp & Liebau, Postfach 31 02 60, 86063 Augsburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B

(11) WO 02/077671 (13) A2

(21) PCT/US01/51399

(22) 19 Oct/oct 2001 (19.10.2001)

(25) en (26) en

(30) 60/241,565 19 Oct/oct 2000 US (19.10.2000)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MINIATURE LOW ANGLE LASER LIGHT SCATTERING DETECTOR
- DETECTEUR MINIATURE DE DIFFUSION DE LA LUMIERE LASER A ANGLE AIGU

(71) **VISCOTEK CORPORATION** [US/US]; 15600 West Hardy Road, Houston, TX 77060-3152 (US). **STONE, David, Jr.** [US/US]; 10235 Whitebrook Drive, Houston, TX 77038-2315 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **HANEY, Max, A.** [US/US]; 3323 Candleway Drive, Spring, TX 77388-5223 (US).

(74) **CHICHESTER, Ronald, L.**; Baker Botts, L.L.P., One Shell Plaza, 910 Louisiana, Houston, TX 77002-4995 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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)

(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 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)

(u) for / pour US only / seulement

(51)⁷ G02B

(11) WO 02/077672 (13) A2

(21) PCT/US02/05056

(22) 7 Feb/fév 2002 (07.02.2002)

(25) en (26) en

(30) 60/267,037 7 Feb/fév 2001 US (07.02.2001)

(30) 60/313,180 17 Aug/août 2001 US (17.08.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • HIGH-CONTRAST SCREEN WITH RANDOM MICROLENS ARRAY
- ECRAN A CONTRASTE ELEVE A RESEAU ALEATOIRE DE MICROLENTILLES

(71) **CORNING PRECISION LENS INCORPORATED** [US/US]; 4000 McMann Road, Cincinnati, OH 45245 (US).

(72) **SALES, Tasso, R., M.**; 135 West Squire Drive #5, Rochester, NY 14623 (US).

(74) **KLEE, Maurice, M.**; Attorney at Law, 1951 Burr Street, Fairfield, CT 06430 (US).

(81) AE AG AL AU BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EC EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LU

MA MG MK MN MX NO NZ OM PH PL RO
RU SG SI SK TN TT UA UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ G02B

(11) WO 02/077673 (13) A2

(21) PCT/US02/08130

(22) 15 Mar/mar 2002 (15.03.2002)

(25) en (26) en

(30) 60/276,402 16 Mar/mar 2001 US
(16.03.2001)(30) 10/020,068 14 Dec/déc 2001 US
(14.12.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PHASE COMPENSATED DIS-
TRIBUTED BRAGG REFLECTOR
• REFLECTEUR DE BRAGG A PHASE
DISTRIBUEE ET COMPENSEE

(71) CORE TEK, INC. [US/US]; 299 Ballard-
vale Street, Wilmington, MA (US).

(72) KNOPP, Kevin, J.; 456 Main Street, Ames-
bury, MA 01913 (US). WANG, Peidong;
6 Dove Lane, Billerica, MA 01862 (US).
VAKSHOORI, Daryoosh; 10 Roger
Street, Apt. 205, Cambridge, MA 02142
(US).

(74) SHERIDAN, James, A.; Pandiscio & Pan-
discio, 470 Tottem Pont Road, Waltham, MA
02451-1914 (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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ G02B

(11) WO 02/077674 (13) A2

(21) PCT/US02/08949

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 60/277,373 19 Mar/mar 2001 US
(19.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FIBER OPTIC CABLE RESTRAINT
• ELEMENT DE FIXATION POUR
CABLE DE FIBRES OPTIQUES

(71) LIGHTCHIP, INC. [US/US]; 27 Norther-
western Drive, Salem, NH 03079 (US).

(72) ZDINAK, Paul, S.; 10 Hemlock Drive,
Candia, NH 03034 (US). BELANGER, An-
thony; 1124 Montalone Road, Dunbarton,
NH 03045 (US).

(74) GRISWOLD, Joshua, A.; Jenkens &
Gilchrist, P.C., 1445 Ross Avenue, Suite
3200, Dallas, TX 75202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ G02B

(11) WO 02/077675 (13) A2

(21) PCT/US02/09198

(22) 14 Mar/mar 2002 (14.03.2002)

(25) en (26) en

(30) 60/276,568 14 Mar/mar 2001 US
(14.03.2001)(30) Not furnished / 13 Mar/mar 2002 US
non communiqué (13.03.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MULTI-ELEMENT ELECTRON-
TRANSFER OPTICAL DETECTOR
SYSTEM

• SYSTEME DE DETECTION OPTIQUE
DE TRANSFERT D'ELECTRONS A
ELEMENTS MULTIPLES

(71) THE GOVERNMENT OF THE UNITED
STATES OF AMERICA AS REPRE-
SENTED BY THE ADMINISTRA-
TOR OF THE NATIONAL AERONAU-
TICS AND SPACE ADMINISTRATION
(NASA) [US/US]; 300 E. Street, SW, Wash-
ington, DC 20546 (US).

(74) HAMMERLE, Kurt, G. et al. / etc.;
NASA Langley Research Center, Mail Stop
212, 3 Langley Boulevard, Hampton, VA
23681-2199 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) 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 VN YU
ZA ZM ZW 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)

(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) OA (BF BJ CF CG CI CM GA GN
GQ GW ML MR NE SN TD TG)

(51)⁷ G02B 1/02, 3/00, 13/14, 13/24, H01L
21/027, C30B 29/12

(11) WO 02/077676 (13) A1

(21) PCT/JP02/02368

(22) 13 Mar/mar 2002 (13.03.2002)

(25) ja (26) ja

(30) 2001-74127 15 Mar/mar 2001 JP
(15.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • OPTICAL MEMBER AND METHOD OF
PRODUCING THE SAME, AND PRO-
JECTION ALIGNER

• ELEMENT OPTIQUE, PROCEDE PER-
METTANT DE PRODUIRE CET ELE-
MENT, ET MACHINE DE PROJECTION

(71) NIKON CORPORATION [JP/JP]; 2-3,
Marunouchi 3-chome, Chiyoda-ku, Tokyo
100-8331 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) OBARA, Hideki [JP/JP]; c/o NIKON
CORPORATION, 2-3, Marunouchi 3-chome,
Chiyoda-ku, Tokyo 100-8331 (JP). ENDO,
Kazumasa [JP/JP]; c/o NIKON CORPO-
RATION, 2-3, Marunouchi 3-chome, Chiy-
oda-ku, Tokyo 100-8331 (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) 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 G02B 5/00

(11) WO 02/077677 (13) A1

(21) PCT/US02/07443

(22) 12 Mar/mar 2002 (12.03.2002)

(25) en (26) en

(30) 09/817,334 21 Mar/mar 2001 US
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CORRECTING A SUBSTRATE (PRECI-
SION MIRROR) WITH A FIGURE COR-
RECTING LAYER

• CORRECTION D'UN SUBSTRAT (MI-
ROIR DE PRECISION) AU MOYEN
D'UNE COUCHE DE CORRECTION
DE PROFIL

(71) THE REGENTS OF THE UNIVERSITY
OF CALIFORNIA [US/US]; 1111 Franklin
Street, Oakland, CA 94607-5200 (US).

(72) FOLTA, James, A.; 2262 Hampton Road,
Livermore, CA 94550 (US). SPILLER,
Eberhard; 60 Lakeside Road, Mount Kisco,
NY 10549 (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G02B 5/08

(11) WO 02/077678 (13) A1

(21) PCT/US02/09452

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/278,921 26 Mar/mar 2001 US (26.03.2001)

(30) 60/334,661 30 Nov/nov 2001 US (30.11.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE HAVING REFLECTIVE AND TRANSMISSIVE PROPERTIES
• DISPOSITIF DOTE DE PROPRIETES DE TRANSMISSION ET DE REFLEXION

(71) TRIVIUM TECHNOLOGIES INC. [US/US]; 37th Floor, Erieview Tower, 1301 East Ninth Street, Cleveland, OH 44114 (US).

(74) KOLOCOURIS, Gregory, S. et al. / etc.; 2300 BP Tower, 200 Public Square, 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 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 G02B 5/30

(11) WO 02/077679 (13) A1

(21) PCT/DE02/00913

(22) 14 Mar/mar 2002 (14.03.2002)

(25) de (26) de

(30) 101 14 815.1 26 Mar/mar 2001 DE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COLOR DICHROIC POLARIZERS AND METHOD FOR THE PRODUCTION THEREOF
• DISPOSITIFS DE POLARISATION DICHROIQUES COLORES ET LEUR PROCEDE DE REALISATION

(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)

(71, 72) BERGER, Andreas [DE/DE]; Carl-von-Ossietzky-Strasse 22, 06114 Halle (DE). DROST, Wolf-Gernot [DE/DE]; Lortzingbogen 29, 06124 Halle (DE). GAUDIG, Lutz [DE/DE]; Am Grünen Weg 18, 06132 Halle (DE).

(72, 75) PANZER, Siegfried [DE/DE]; Kipsdorfer Strasse 192, 01279 Dresden (DE). BARTEL, Rainer [DE/DE]; Stangestrasse 2, 01324 Dresden (DE). DÄNHARDT, Jürgen [DE/DE]; Burkersdorfer Weg 21, 01189 Dresden (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).

Published / Publiée : (c)

(51)⁷ G02B 5/30

(11) WO 02/077680 (13) A1

(21) PCT/KR02/00195

(22) 7 Feb/fév 2002 (07.02.2002)

(25) ko (26) en

(30) 2001/13540 16 Mar/mar 2001 KR (16.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • APPARATUS AND METHOD FOR MEASURING POLARIZATION-DEPENDENT LOSS USING REPEATED HIGH SPEED POLARIZATION SCRAMBLING
• DISPOSITIF ET PROCEDE DE MESURE DE PERTES FONCTION DE LA POLARISATION PAR BROUILLAGE DE POLARISATION REPETE A GRANDE VITESSE

(71) DONAM SYSTEMS INC. [KR/KR]; 2nd floor Sharkzone, 590 Tanbang-dong, Seo-gu, 302-223 Taejon (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOH, Yeon-Wan [KR/KR]; 101-705 Hyundai Apt., Doryong-dong, Yuseong-gu, 305-340 Taejon (KR). LEE, Bong-Wan [KR/KR]; 109-506 Nuri Apt., Wolpyung-dong, Seo-gu, 302-283 Taejon (KR). KIM, Jung-Won [KR/KR]; 17-14 Dong-a Officetel, Bongmyeong-dong, Yuseong-gu, 305-301 Taejon (KR).

(74) HUH, Jin-Seok; J.S. HUH Patent Office, 206 Sungji Building, 1338-22 Seocho-dong, Seocho-ku, Seoul 137-070 (KR).

(81) CA 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 G02B 6/00

(11) WO 02/077681 (13) A2

(21) PCT/EP02/01642

(22) 15 Feb/fév 2002 (15.02.2002)

(25) de (26) de

(30) 101 13 740.0 21 Mar/mar 2001 DE (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MACHINING AN INSULATED OPTICAL FIBER

• USINAGE D'UNE FIBRE OPTIQUE ISOLEE

(71) AGILENT TECHNOLOGIES, INC. [US/US]; 395 Page Mill Road, Palo Alto, CA 94306 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUELLER, Emmerich [DE/DE]; Finkenweg 7, 71134 Aidlingen (DE). RUF, Tobias [DE/DE]; Gotenstrasse 10, 71272 Renningen (DE). THOMA, Peter [DE/DE]; Abliserstrasse 12, 72108 Rottenburg (DE).

(74) BARTH, Daniel; Agilent Technologies Deutschland GmbH, Patentabteilung, Herrenbergerstrasse 130, 71034 Boeblingen (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 G02B 6/12, G02F 1/01, H01L 31/00

(11) WO 02/077682 (13) A2

(21) PCT/CA02/00194

(22) 18 Feb/fév 2002 (18.02.2002)

(25) en (26) en

(30) 60/278,750 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SINGLE-MODE VERTICAL INTEGRATION OF ACTIVE DEVICES WITHIN PASSIVE SEMICONDUCTOR WAVEGUIDES, A METHOD AND ITS APPLICATIONS FOR USE IN PLANAR WDM COMPONENTS

• INTEGRATION VERTICALE A MODE SIMPLE DE DISPOSITIFS ACTIFS DANS DES GUIDES D'ONDES SEMI-CONDUCTEURS PASSIFS, PROCEDE ET APPLICATIONS LORS D'UNE UTILISATION DANS DES COMPOSANTS MRL PLANAIRES

(71) METROPHOTONICS INC. [CA/CA]; 1887 St. Joseph Boulevard, Ottawa, Ontario K1C 7J2 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOLSTIKHIN, Valery, I. [CA/CA]; 7 Blacksmith Place, Kanata, Ontario K2M 1J1 (CA).

(74) FREDMAN, Gordon; Freedman & Associates, Suite 350, 117 Centrepointhe Drive, Nepean, Ontario K2G 5X3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G02B 6/12

(11) WO 02/077683 (13) A2

(21) PCT/US02/08747

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/816,018 22 Mar/mar 2001 US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF FORMING A GRATING
IN A WAVEGUIDE• PROCEDE DE FORMATION D'UN RE-
SEAU DANS UN GUIDE D'ONDES(71) SABEUS PHOTONICS, INC. [US/US];
20630 Nordhoff Street, Chatsworth, CA
91311 (US).(72) STARODUBOV, Dmitry, S.; 427 Westmin-
ster Avenue, Suite 106, Los Angeles, CA
90020 (US).(74) FITZGERALD, John, K. et al. / etc.; Ful-
wider 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 CH CY DE DK ES
FI FR GB GR IE IT 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 6/16, 6/02, G02F 1/035

(11) WO 02/077684 (13) A1

(21) PCT/AU02/00296

(22) 14 Mar/mar 2002 (14.03.2002)

(25) en (26) en

(30) PR 3977 27 Mar/mar 2001 AU
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR EN-
HANCING THE NON-LINEARITY OF
ARBITRARY LENGTHS OF OPTICAL
WAVEGUIDE• PROCEDE ET DISPOSITIF PERMET-
TANT D'AMELIORER LA NON-LI-
NEARITE DE LONGUEURS ARBI-
TRAIRES DE GUIDE D'ONDES OP-
TIQUE(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) XU, Wei [CN/US]; 32A Hampshire
Road, Salem, NH 03079 (US). BLOWS,
Justin [AU/AU]; 101 George Street, Er-
skineville, New South Wales 2043 (AU).
FLEMING, Simon [AU/AU]; 14 Goodlet
Close, Lane Cove, New South Wales 2066
(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 UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 6/25, G01M 11/02, B65H 49/02

(11) WO 02/077685 (13) A1

(21) PCT/SE02/00583

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 0101005-7 22 Mar/mar 2001 SE
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A METHOD AND AN ARRANGEMENT
FOR SUPPLYING OPTICAL FIBERS• PROCEDE ET INSTALLATION DE
FOURNITURE DE FIBRES OPTIQUES(71) TELEFONAKTIEBOLAGET L M ERIC-
SSON (publ) [SE/SE]; S-126 25 Stockholm
(SE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ENSTRAND, Jan-Åke [SE/SE]; Violstig-
en 4, S-142 65 Trångsund (SE). HOEN, Jap
[SE/SE]; Ymergatan 7, S-195 57 Märsta (SE).
LARSSON, Magnus [SE/SE]; Kommister-
vägen 38, S-168 59 Bromma (SE).(74) ERICSSON MICROELECTRONICS AB;
Department for Intellectual Property Rights,
S-164 81 Kista-Stockholm (SE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 G02B 6/293, G02F 1/35

(11) WO 02/077686 (13) A1

(21) PCT/KR02/00469

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ko (26) en

(30) 2001/14316 20 Mar/mar 2001 KR
(20.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MULTI-CHANNEL LIGHT SOURCE
WITH HIGH-POWER AND HIGHLY
FLATTENED OUTPUT• SOURCE DE LUMIERE MULTIVOIE A
SORTIE HAUTE PUISSANCE ET FOR-
TEMENT APLATIE(71) LUXPERT TECHNOLOGIES CO., LTD.
[KR/KR]; 130-508, San 56-1, Shillim-dong,
Kwanak-gu, Seoul 151-742 (KR).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) PARK, Nam-Kyoo [KR/KR]; 105-1001
Gangchon Apt., Dongbuichon-dong,
Yongsan-gu, Seoul 140-031 (KR).(74) HUH, Jin-Seok; J.S. Huh Patent Office,
206 Sungji Bldg., 1338-22 Seocho-dong,
Seocho-ku, Seoul 137-070 (KR).

(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 G02B 6/34, G01J 3/28, G02B 7/00

(11) WO 02/077687 (13) A2

(21) PCT/FR02/01042

(22) 26 Mar/mar 2002 (26.03.2002)

(25) fr (26) fr

(30) 01/04080 27 Mar/mar 2001 FR
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INTEGRATED HIGH SPECTRAL RES-
OLUTION OPTICAL SPECTROME-
TER WITH, IN PARTICULAR FOR
HIGH-SPEED TELECOMMUNICA-
TIONS AND METROLOGY, AND
METHOD FOR MAKING SAME• SPECTROMETRE OPTIQUE INTEGRE
A HAUTE RESOLUTION SPECTRALE,
NOTAMMENT POUR LES TELECOM-
MUNICATIONS A HAUT DEBIT ET LA
METROLOGIE, ET PROCEDE DE FA-
BRICATION(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) BUGAUD, Michel [FR/FR]; 17 rue de la
Melonnière, F-92500 RUEIL MALMAISON
(FR). MAGNE, Sylvain [FR/FR]; 55 rue
Marx Dormoy, F-92260 FONTENAY AUX
ROSES (FR). GRAND, Gilles [FR/FR]; 24
rue Barnave, F-38000 GRENOBLE (FR).(74) LEHU, Jean; BREVATOME, 3, rue du Doc-
teur Lancereaux, F-75008 PARIS (FR).

(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 G02B 6/34, 6/42

(11) WO 02/077688 (13) A1

(21) PCT/GB02/01058

(22) 8 Mar/mar 2002 (08.03.2002)

(25) en (26) en

(30) 0107111.7 21 Mar/mar 2001 GB
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • OPTICAL WAVELENGTH DISPERSIVE
DEVICE• DISPOSITIF DISPERSIF EN LON-
GUEUR D'ONDE OPTIQUE

(71) **BOOKHAM TECHNOLOGY PLC** [GB/GB]; 90 Milton Park, Abingdon, Oxon OX14 4RY (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KITCHER, Daniel, John** [GB/GB]; 99 Willow Brook, Abingdon, Oxon OX14 4RY (GB).

(74) **DRIVER, Virginia, Rozanne 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 CH CY DE DK ES FI FR GB GR IE IT 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 6/42

(11) WO 02/077689 (13) A1

(21) PCT/EP02/03351

(22) 25 Mar/mar 2002 (25.03.2002)

(25) de (26) de

(30) 101 14 408.3 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LIGHT EMITTING DIODE, METHOD FOR PRODUCTION AND USE THEREOF
• DIODE ELECTROLUMINESCENTE, SON PROCEDE DE PRODUCTION ET SES APPLICATIONS

(71, 72) **MÜLLER, Thomas** [DE/NL]; Huub-Hermann-Straat, NL-6291 LN Vaals (NL).

(74) **KÖNIG, Werner, E. et al.** / etc.; König & Kollegen, Kackertstrasse 10, 52072 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 6/43

(11) WO 02/077690 (13) A1

(21) PCT/US01/10106

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 09/816,319 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR FIBER OPTIC MODULES

• PROCEDE ET APPAREIL POUR MODULES A FIBRES OPTIQUES

(71) **E20 COMMUNICATIONS, INC.** [US/US]; 26679 Agoura Road, Calabasas, CA 91302 (US).

(72) **JIANG, Wenbin**; 2860 Blazing Star Drive, Thousand Oaks, CA 91362 (US). **WEI, Cheng, Ping**; 522 East Jasper Drive, Gilbert, AZ 85296 (US). **MILSTER, Tom, D.**; 5021 W. Nightawk Way, Tuscon, AZ 85742 (US). **DAIR, Edwin, D.**; 10910 Wellworth Avenue, Los Angeles, CA 90024 (US).

(74) **ALFORD, William, E. et al.** / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Blvd., 7th Floor, Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 GW ML MR NE SN TD TG).

(51)⁷ G02B 6/43

(11) WO 02/077691 (13) A2

(21) PCT/US02/08460

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 60/277,838 22 Mar/mar 2001 US (22.03.2001)

(30) 60/277,924 22 Mar/mar 2001 US (22.03.2001)

(30) 60/286,888 27 Apr/avr 2001 US (27.04.2001)

(30) 10/055,679 22 Jan/jan 2002 US (22.01.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • OPTICAL INTERCONNECT STRUCTURE, SYSTEM AND TRANSCEIVER INCLUDING THE STRUCTURE, AND METHOD OF FORMING THE SAME

• STRUCTURE D'INTERCONNEXION OPTIQUE, SYSTEME ET EMETTEUR-RECEPTEUR RENFERMANT CETTE STRUCTURE, ET PROCEDE DE FABRICATION ASSOCIE

(71) **PRIMARION, INC.** [US/US]; 2507 West Geneva Drive, Tempe, AZ 85282-3127 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAJ, Kannan** [US/US]; 3988 South Hollyhock Place, Chandler, AZ 85248 (US). **CHOU, Wuchun** [US/US]; 3540 South Camellia Place, Chandler, AZ 85248 (US). **MCCLAY, C., Phillip** [US/US]; 16117 East Andrew Drive, Fountain Hills, AZ 85268 (US). **CARROLL, Robert** [US/US]; 3 Golden Oaks Lane, Andover, MA 01810 (US). **GOLWALKAR, Suresh** [US/US]; 14363 14th Way, Phoenix, AZ 85048 (US).

DAVIS, Noah [US/US]; 1544 Armacost Avenue, Apartment B, Los Angeles, CA 90025 (US). **BURNS, John** [US/US]; 1139 Oakfair Lane, Harbor City, CA 90110 (US).

(74) **PILLOTE, Cynthia, L.**; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004-2202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 7/02, 1/10, H01L 21/027

(11) WO 02/077692 (13) A1

(21) PCT/JP02/02939

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ja (26) ja

(30) 2001-89242 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • OPTICAL SYSTEM MANUFACTURING METHOD AND EXPOSURE DEVICE HAVING AN OPTICAL SYSTEM MANUFACTURED BY THE MANUFACTURING METHOD

• PROCEDE DE FABRICATION DE SYSTEME OPTIQUE ET DISPOSITIF D'EXPOSITION PRESENTANT UN SYSTEME OPTIQUE FABRIQUE SELON LE PROCEDE DE FABRICATION

(71) **NIKON CORPORATION** [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANIMOTO, Akikazu** [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) **YAMAGUCHI, Takao**; Daiichi Bldg., 10, Kanda-tsukasacho 2-chome, Chiyoda-ku, Tokyo 101-0048 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ 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 TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 17/08, 13/04, 26/08

(11) WO 02/077693 (13) A1

(21) PCT/US02/08812

- (22) 21 Mar/mar 2002 (21.03.2002)
 (25) en (26) en
 (30) 09/813,763 21 Mar/mar 2001 US (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ULTRA-WIDE FIELD OF VIEW CONCENTRIC SCANNING SENSOR SYSTEM WITH A FLAT PIECE-WISE DETECTOR ARRAY
 • SYSTEME DE CAPTEUR DE BALAYAGE CONCENTRIQUE A CHAMP ULTRALARGE PRESENTANT UNE MOSAIQUE DE PLAN FOCAL PAR ECHELON
- (71) RAYTHEON COMPANY [US/US]; 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US).
- (72) CHEN, Chungte, W.; 33 Allegheny, Irvine, CA 92620 (US). ANDERSON, John, S.; 847 Tenth Street, Santa Monica, CA 90403 (US). BAKER, George, F.; 13531 Elm Street, Hesperia, CA 92345 (US). HASTINGS, C., Thomas, Jr.; 1325 23rd Street, Manhattan Beach, CA 90266 (US).
- (74) RAUFER, Colin, M.; Raytheon Company, 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US) et al. / etc.
- (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 G02B 21/00, 21/24, G01J 3/44, 3/02, G01N 21/64
 (11) WO 02/077694 (13) A1
 (21) PCT/EP02/03453
 (22) 27 Mar/mar 2002 (27.03.2002)
 (25) de (26) de
 (30) 101 15 309.0 28 Mar/mar 2001 DE (28.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MICROSCOPE ARRAY FOR FLUORESCENCE SPECTROSCOPY, ESPECIALLY FLUORESCENCE CORRELATION SPECTROSCOPY
 • ENSEMBLE MICROSCOPE POUR LA SPECTROSCOPIE DE FLUORESCENCE, NOTAMMENT POUR LA SPECTROSCOPIE A CORRELATION DE FLUORESCENCE
- (71) GNOTHIS HOLDING S.A. [CH/CH]; CH-1015 Ecublens (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RIGLER, Rudolf [AT/CH]; Rue du Centre 115, CH-1025 St-Sulpice (CH). EDMAN, Lars [SE/SE]; Rålambsvägen 54, S-112 56 Stockholm (SE).
- (74) WEICKMANN & WEICKMANN; Postfach 860 820, 81635 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
 Declaration / Déclaration :
 (u) for / pour US only / seulement
- (51)⁷ G02B 21/00
 (11) WO 02/077695 (13) A1
 (21) PCT/US02/08461
 (22) 20 Mar/mar 2002 (20.03.2002)
 (25) en (26) en
 (30) 09/814,197 21 Mar/mar 2001 US (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • HIGH-SPEED CONFOCAL MICROSCOPE
 • MICROSCOPE CONFOCAL A GRANDE VITESSE
- (71) CDM OPTICS, INCORPORATED [US/US]; Suite 2110, 4001 Discovery Drive, Boulder, CO 80303-7816 (US).
- (72) CATHEY, Wade, Thomas, Jr.; 228 Alpine Way, Boulder, CO 80304 (US).
- (74) BALES, Jennifer, L. et al. / etc.; Macheledt Bales LLP, Mountain View Plaza, 1520 Euclid Circle, Lafayette, CO 80026-1250 (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 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G02B 26/00
 (11) WO 02/077696 (13) A2
 (21) PCT/US02/05309
 (22) 19 Feb/fév 2002 (19.02.2002)
 (25) en (26) en
 (30) 09/815,170 22 Mar/mar 2001 US (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • APPARATUS AND METHOD FOR SENSING SWITCHING POSITIONS OF MEMS OPTICAL SWITCH
 • PROCÉDÉ ET DISPOSITIF DE DÉTECTION DES POSITIONS DE COMMUTATION D'UN COMMUTATEUR OPTIQUE À SYSTÈME MICRO-ÉLECTROMÉCANIQUE
- (71) ADC TELECOMMUNICATIONS, INC. [US/US]; 13625 Technology Drive, Eden Prairie, MN 55344-2252 (US).
- (72) ZHANG, Nan; 483 Greenview Drive, Chanhassen, MN 55317 (US). ZHANG, Hong; 6301 Pleasant Avenue, Richfield, MN 55423 (US). OLSON, Arden, L.; 6625 Tanager Lane, Eden Prairie, MN 55346 (US).
- (74) BRUESS, Steven, C.; Merchant & Could P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G02B 26/00
 (11) WO 02/077697 (13) A2
 (21) PCT/US02/05983
 (22) 27 Feb/fév 2002 (27.02.2002)
 (25) en (26) en
 (30) 09/816,804 23 Mar/mar 2001 US (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ACTIVE TUNING OF A TORSIONAL RESONANT STRUCTURE
 • ACCORDAGE ACTIF D'UNE STRUCTURE ACTIVE DE TORSION
- (63) US 09/816,804 (CON) 23 Mar/mar 2001 (23.03.2001)
- (71) MICROVISION, INC. [US/US]; 19910 North Creek Parkway, Post Office Box 3008, Bothell, WA 98011 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WINE, David, W. [US/US]; 4022 Corliss Avenue North, Seattle, WA 98103 (US). HELSEL, Mark, P. [US/US]; 9425 35th Avenue Northeast, #210, Seattle, WA 98115 (US).
- (74) SANTARELLI, Bryan, A. et al. / etc.; Graybeal Jackson Haley LLP, 155-108th Avenue NE, 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 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 G02B 27/00
 (11) WO 02/077698 (13) A1
 (21) PCT/JP02/02932
 (22) 26 Mar/mar 2002 (26.03.2002)
 (25) ja (26) ja
 (30) 2001-088437 26 Mar/mar 2001 JP (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)

(54) • SEMICONDUCTOR LASER DEVICE
• DISPOSITIF A LASER A SEMI-
CONDUCTEURS

(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) KUSUYAMA, Yutaka [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 JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 G02C 9/04

(11) WO 02/077699 (13) A1

(21) PCT/KR01/00450

(22) 22 Mar/mar 2001 (22.03.2001)

(25) ko (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DETACHABLE AND FIXED SUN-
GLASSES

• LUNETTES DE SOLEIL AMOVIBLES
ET FIXES

(71) LIM, Jun-suck [KR/KR]; 1702 101dong Pu-
runmaul Apt., 1330, Yigok-dong, Dalsuh-gu,
Daegu 704-140 (KR).
(only for / seulement pour KR)

(71, 72) PARK, Hun-yang [KR/KR]; 205,
108dong, Suseong Boseong Town, 1090-6,
Suseong 4ga, Suseong-gu, Daegu 706-034
(KR). LIM, Jong-chan [KR/KR]; 1702
101dong Purunmaul Apt., 1330, Yigok-dong,
Dalsuh-gu, Daegu 704-140 (KR).

(72, 75) HWANG, Nam-sung [KR/KR]; 106,
Greenvilla, 473-2, Dae-myoung 9-dong,
Nam-gu, Daegu 705-039 (KR).

(74) CHOI, Bong-tae; 402, 4rd Beomo Build-
ing, 33-2 Beomo-dong, Suseong-gu, Daegu
706-010 (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 CH CY 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 G02F

(11) WO 02/077700 (13) A2

(21) PCT/US02/08764

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/277,885 22 Mar/mar 2001 US
(22.03.2001)

(30) 60/293,903 25 May/mai 2001 US
(25.05.2001)

(30) 60/293,905 25 May/mai 2001 US
(25.05.2001)

(30) 60/293,907 25 May/mai 2001 US
(25.05.2001)

(30) 60/293,904 25 May/mai 2001 US
(25.05.2001)

(30) 60/293,906 25 May/mai 2001 US
(25.05.2001)

(30) 60/293,814 25 May/mai 2001 US
(25.05.2001)

(30) 60/293,740 25 May/mai 2001 US
(25.05.2001)

(30) 60/315,160 27 Aug/août 2001 US
(27.08.2001)

(30) 60/344,941 21 Dec/déc 2001 US
(21.12.2001)

(30) 60/344,972 21 Dec/déc 2001 US
(21.12.2001)

(30) 60/356,895 14 Feb/fév 2002 US
(14.02.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONTROLLING PASSIVE FACET RE-
FLECTIONS

• CONTROLE DE REFLEXIONS DE FA-
CETTES PASSIVES

(71) INFINITE PHOTONICS, INC. [US/US];
3259 Progress Drive, Suite B, Orlando, FL
32826 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(71, 72) BULLINGTON, Jeff, A. [US/US];
12001 Lake Cypress Circle #307, Orlando,
FL 32828 (US).

(72, 75) SMOLSKI, Oleg, V. [US/US]; 2200
Coolbrook Ct., Oviedo, FL 32766-8845
(US).

(74) CARLSON, Brian, A.; Slater & Matsil,
L.L.P., 17950 Preston Road, Suite 1000,
Dallas, TX 75252 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU ID
IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG US
UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 1/01

(11) WO 02/077701 (13) A2

(21) PCT/CA02/00414

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/278,415 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR
THERMALLY TUNING AN OPTICAL
FILTER

• PROCEDE ET APPAREIL POUR AC-
CORDER THERMIQUEMENT UN
FILTRE OPTIQUE

(71) BRAGG PHOTONICS INC. [CA/CA];
880 Selkirk, Pointe-Claire, Quebec H9R 3S3
(CA).

(72) TAO, Qian; 4470 Dupuis, Apt. 5, Mon-
treal, Quebec H4T 1E8 (CA). ZHOU, Bing;
3860 Rue Allen, Apt. 24, Verdun, Quebec
H4G 3C8 (CA). TIAN, Jun; 9385 Rameau,
Brossard, Quebec J4X 2M2 (CA).

(74) ROBIC; 55 St-Jacques, Montreal, Quebec
H2Y 3X2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 G02F 1/1333, 1/13, H04M 1/02, H04R
1/28, 1/702

(11) WO 02/077702 (13) A1

(21) PCT/IB02/00642

(22) 4 Mar/mar 2002 (04.03.2002)

(25) en (26) en

(30) 0107404.6 23 Mar/mar 2001 GB
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DISPLAY SUBSTRATE WITH AN
INTEGRATED ACOUSTIC TRANS-
DUCER

• SUBSTRAT D'AFFICHAGE AVEC UN
TRANSDUCTEUR ACOUSTIQUE IN-
TEGRE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(72) MURDEN, Vega; Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL). GREEN,
Peter, W.; Prof. Holstlaan 6, NL-5656 AA
Eindhoven (NL).

(74) SHARROCK, Daniel, J.; Internationaal Oc-
trooibureau B.V., Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

- (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 G02F 1/13357, G09F 13/18, F21V 8/00
- (11) WO 02/077703 (13) A1
- (21) PCT/AU02/00379
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (30) PR 4011 27 Mar/mar 2001 AU (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ILLUMINATED BACKGROUND DISPLAY APPARATUS
• APPAREIL D'AFFICHAGE A FOND ECLAIRE
- (71) SOLAGLO PTY LTD [AU/AU]; 201 Wickham Terrace, Spring Hill, Queensland 4000 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BLACH, Tomasz [AU/AU]; 6 Gurley Street, Eagleby, Queensland 4207 (AU).
- (74) FISHER ADAMS KELLY; GPO Box 1413, Brisbane QLD 4001 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G02F 1/13357
- (11) WO 02/077704 (13) A1
- (21) PCT/JP02/02587
- (22) 19 Mar/mar 2002 (19.03.2002)
- (25) ja (26) ja
- (30) 2001-82037 22 Mar/mar 2001 JP (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • REFLECTIVE DISPLAY DEVICE, LIGHT GUIDE PLATE, AND METHOD OF MANUFACTURING LIGHT GUIDE PLATE
• DISPOSITIF D'AFFICHAGE REFLECHISSANT, PLAQUE GUIDE D'ONDES OPTIQUES, ET PROCEDE DE REALISATION D'UNE PLAQUE GUIDE D'ONDES OPTIQUES
- (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) SHIMODA, Kazuhito [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). OHSAKO, Junichi [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). KAWASHIMA, Yoshinari [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). OKU, Takashi [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 JP KR US.
-
- (51)⁷ G02F 1/33
- (11) WO 02/077705 (13) A1
- (21) PCT/US02/11262
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 60/278,498 23 Mar/mar 2001 US (23.03.2001)
- (30) 60/285,634 20 Apr/avr 2001 US (20.04.2001)
- (30) 09/992,568 17 Nov/nov 2001 US (17.11.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHODS AND APPARATUS FOR POLISHING AND PLANARIZATION
• PROCEDES ET APPAREILS DE POLISSAGE ET DE PLANARISATION
- (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)
- (72, 75) LABUNSKY, Michael, A. [US/US]; 116 Mesa Verde Way, San Carlos, CA 94070 (US). WU, Guangwei [CN/US]; 910 Rockefeller Dr., Sunnyvale, CA 94087 (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 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).
- Published / Publiée : (c)
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- (51)⁷ G03B 35/00
- (11) WO 02/077706 (13) A1
- (21) PCT/KR01/00771
- (22) 14 May/mai 2001 (14.05.2001)
- (25) ko (26) en
- (30) 2001/7407 U 19 Mar/mar 2001 KR (19.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • APPARATUS FOR FIXING MIRROR FOR THREE-DIMENSIONAL IMAGE
• APPAREIL DE FIXATION DE MIROIR PERMETTANT D'OBTENIR UNE IMAGE TRIDIMENSIONNELLE
- (71) TECHNOLOGY TREE CO., LTD. [KR/KR]; 576-5, Shinsa-dong, Kangnam-ku, Seoul 135-120 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) KIM, Chung, Hwan [KR/KR]; 209-305, Yanggimaecul, 36, Sunae-dong, Bundang-ku, Sungnam-si, Kyonggi-do 463-921 (KR).
- (74) JIN, Cheon, Woong; #3F, Yonghun B/D, 1542-14, Seocho-dong, Seocho-ku, Seoul 137-070 (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 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 G03B 37/04
- (11) WO 02/077707 (13) A1
- (21) PCT/KR02/00486
- (25) ko (26) en
- (30) 2001/015360 23 Mar/mar 2001 KR (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • A DEVICE AND A ARRANGEMENT METHOD OF SECTOR LENS FOR PANORAMA IMAGE
• DISPOSITIF ET PROCEDE DE DISPOSITION DE LENTILLES SECTORIELLES POUR UNE IMAGE PANORAMIQUE
- (71) YOUNGKOOK ELECTRONICS [KR/KR]; 501 Beatty B/d, 1600-9, Seocho-dong, Seocho-ku, 137-070 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIM, Bae-Hoon [KR/KR]; Youngkook Electronics, 501 Beatty B/d, 1600-9, Seocho-dong, Seocho-KU, 137-070 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G03F 3/08, G06C 15/00, 15/14, G01D 9/42
- (11) WO 02/077708 (13) A1
- (21) PCT/US02/05276
- (22) 20 Feb/fév 2002 (20.02.2002)
- (25) en (26) en

- (30) 09/815,586 **23 Mar/mar 2001** US
(**23.03.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SYSTEM AND METHOD OF SIMULATED INCREASE IN IMAGE RESOLUTION
- SYSTEME ET PROCEDE DE SIMULATION D'UNE IMAGE A RESOLUTION AMELIOREE
- (71) **OAK TECHNOLOGY, INC.** [US/US]; 1390 Kifer Court, Sunnyvale, CA 94086 (US).
- (72) **LEVANTOVSKY, Vladimir**; 404 Salem Street, North Andover, MA 01845 (US).
- (74) **CANNING, Kevin, J. et al. / etc.**; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 **G03F 7/00**
- (11) **WO 02/077709** (13) A2
- (21) PCT/US02/07940
- (22) **14 Mar/mar 2002** (**14.03.2002**)
- (25) en (26) en
- (30) 60/277,874 **22 Mar/mar 2001** US
(**22.03.2001**)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PHOTORESIST COMPOSITION
- COMPOSITION DE PHOTORESINE
- (71) **SHIPLEY COMPANY, L.L.C.** [US/US]; 455 Forest Street, Marlborough, MA 01752 (US).
- (72) **SZMANDA, Charles, R.**; 4 Crossman Avenue, Westborough, MA 01581 (US).
- (74) **CORLESS, Peter, F. et al. / etc.**; Edwards & Angell, LLP, Dike, Bronstein, Roberts & Cushman, IP Group, P.O. Box 9169, 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 CH CY DE DK ES FI FR GB GR IE IT 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 **G03F 7/00**
- (11) **WO 02/077710** (13) A2
- (21) PCT/US02/08760

- (22) **20 Mar/mar 2002** (**20.03.2002**)
- (25) en (26) en
- (30) 60/278,172 **22 Mar/mar 2001** US
(**22.03.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PHOTORESIST COMPOSITIONS FOR SHORT WAVELENGTH IMAGING
- COMPOSITIONS DE PHOTORESINE POUR IMAGERIE A COURTE LONGUEUR D'ONDE
- (71) **SHIPLEY COMPANY, L.L.C.** [US/US]; 455 Forest Street, Marlborough, MA 01752 (US).
- (72) **ZAMPINI, Anthony**; 43 Wayside Drive, Westborough, MA 01581 (US). **SZMANDA, Charles, R.**; 4 Crossman Avenue, Westborough, MA 01581 (US). **TAYLOR, Gary, N.**; 35 Smith Road, Northborough, MA 01532-1051 (US). **CAMERON, James, F.**; 28 Clinton Street, Unit #1, Cambridge, MA 02139 (US). **POHLERS, Gerhard**; 21 Gardner Street, Newton, MA 02458 (US).
- (74) **CORLESS, Peter, F. et al. / etc.**; Edwards & Angell, LLP, Dike, Bronstein, Roberts & Cushman, IP Group, P.O. Box 9169, Boston, MA 02209 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 **G03F 7/033, 7/40, 7/004, C08F 2/48, C08L 33/14, G02B 5/20**

- (11) **WO 02/077711** (13) A1
- (21) PCT/JP01/02441
- (22) **27 Mar/mar 2001** (**27.03.2001**)
- (25) ja (26) ja
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PHOTOSENSITIVE RESIN COMPOSITION, PHOTOSENSITIVE RESIST FOR COLOR FILTER, AND PROCESS FOR PRODUCING COLOR FILTER
- COMPOSITION DE RESINE PHOTOSENSIBLE, RESERVE PHOTOSENSIBLE POUR FILTRE COLORE ET PROCEDE DE PRODUCTION DE FILTRE COLORE
- (71) **DAINIPPON INK AND CHEMICALS, INC.** [JP/JP]; 35-58, Sakashita 3-chome, Itabashi-ku, Tokyo 174-8520 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TOKUDA, Hiroyuki** [JP/JP]; 97-7, Nabeyama-machi, Sakura-shi, Chiba 285-0033 (JP). **HIROTA, Yasunobu** [JP/JP]; 4-4, Tatsumidaihigashi, Ichihara-shi, Chiba 290-0003 (JP). **ISHIKAWA, Hidenobu** [JP/JP]; 6-5-4, Wakamiya, Ichihara-shi, Chiba 290-0006 (JP).

- (74) **SHIGA, Masatake et al. / etc.**; OR Bldg. 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).
- (81) CN KR US.

- (51)⁷ **G03F 7/039, 7/004**
- (11) **WO 02/077712** (13) A2
- (21) PCT/US02/07938
- (22) **15 Mar/mar 2002** (**15.03.2002**)
- (25) en (26) en
- (30) 60/277,860 **22 Mar/mar 2001** US
(**22.03.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PHOTORESIST COMPOSITION
- COMPOSITION DE PHOTORESINE
- (71) **SHIPLEY COMPANY, L.L.C.** [US/US]; 455 Forest Street, Marlborough, MA 01752 (US).
- (72) **SZMANDA, Charles, R.**; 4 Crossman Avenue, Westborough, MA 01581 (US). **TAYLOR, Gary, N.**; 35 Smith Road, Northboro, MA 01532-1051 (US).
- (74) **CORLESS, Peter, F. et al. / etc.**; Edwards & Angell, LLP, Dike, Bronstein, Roberts & Cushman, IP Group, P.O. Box 9169, Boston, MA 02209 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 **G03F 7/075, 7/40, H05K 3/18**
- (11) **WO 02/077713** (13) A1
- (21) PCT/JP02/02631
- (22) **20 Mar/mar 2002** (**20.03.2002**)
- (25) ja (26) ja
- (30) 2001-88155 **26 Mar/mar 2001** JP
(**26.03.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR FORMING METAL PATTERN
- PROCEDE DE FORMATION DE MOTIFS METALLIQUES
- (71) **NIPPON PAINT CO., LTD.** [JP/JP]; 1-2, Oyodokita 2-chome, Kita-ku, Osaka-shi, Osaka 531-8511 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TSUSHIMA, Hiroshi** [JP/JP]; c/o NIPPON PAINT CO., LTD., 19-17, Ikedanakamachi, Neyagawa-shi, Osaka 572-8501 (JP).
- (74) **METSUGI, Makoto et al. / etc.**; Nishimura Bldg., 6-5, Tanimachi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

- (81) KR US.
(84) EP (DE).
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- (51)⁷ G03F 7/075, 7/004, H05K 3/28
(11) WO 02/077714 (13) A1
(21) PCT/JP02/02633
(22) 20 Mar/mar 2002 (20.03.2002)
(25) ja (26) ja
(30) 2001-88157 26 Mar/mar 2001 JP (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • SELF-FLAME-RETARDANT RESIST MATERIAL AND INSULATING MATERIAL
• MATIERE DE RESERVE ISOLANTE IGNIFUGE AUTONOME ET MATERIAU ISOLANT
(71) NIPPON PAINT CO., LTD. [JP/JP]; 1-2, Oyodokita 2-chome, Kita-ku, Osaka-shi, Osaka 531-8511 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) TSUSHIMA, Hiroshi [JP/JP]; c/o NIPPON PAINT CO., LTD., 19-17, Ikedanakamachi, Neyagawa-shi, Osaka 572-8501 (JP).
(74) METSUGI, Makoto et al. / etc.; Nishimura Bldg., 6-5, Tanimachi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).
(81) KR US.
(84) EP (DE).
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- (51)⁷ G03F 7/20
(11) WO 02/077715 (13) A2
(21) PCT/US02/02285
(22) 25 Jan/jan 2002 (25.01.2002)
(25) en (26) en
(30) 09/814,424 21 Mar/mar 2001 US (21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD OF FABRICATION TO SHARPEN CORNERS OF Y-BRANCHES IN INTEGRATED OPTICAL COMPONENTS AND OTHER MICRO-DEVICES
• PROCEDE DE FABRICATION D'ANGLES AIGUS DE BIFURCATIONS EN Y DANS DES COMPOSANTS OPTIQUES INTEGRES ET D'AUTRES MICRODISPOSITIFS
(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
(72) WANG, Xiaolin; 1185 Keystone Court, San Jose, CA 95132 (US). LEON, Francisco; 777 Addison Avenue, Palo Alto, CA 94301 (US).
(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ 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 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 G03F 9/00, 7/00
(11) WO 02/077716 (13) A2
(21) PCT/US02/08935
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 09/815,913 22 Mar/mar 2001 US (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • SCANNING PROBE BASED LITHOGRAPHIC ALIGNMENT
• ALIGNEMENT LITHOGRAPHIQUE BASE SUR SONDE A BALAYAGE
(71) HEWLETT-PACKARD COMPANY [US/US]; Legal Department, 3000 Hanover Street, M/S 20BN, Palo Alto, CA 94304-1112 (US).
(72) CHEN, Yong; 4275 McKeller Lane #2, Palo Alto, CA 94306 (US).
(74) SCHUYLER, Marc, P.; IPA, P.O. Box 272400, M/S 35, Fort Collins, CA 80527-2400 (US).
(81) 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 G03G 9/08, 9/093, 9/097
(11) WO 02/077717 (13) A1
(21) PCT/JP02/02785
(22) 22 Mar/mar 2002 (22.03.2002)
(25) ja (26) ja
(30) 2001-087394 26 Mar/mar 2001 JP (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • TONER AND PROCESS FOR PRODUCING TONER
• TONER ET PROCEDE DE PRODUCTION DE TONER
(71) ZEON CORPORATION [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) KISHIMOTO, Takuji [JP/JP]; c/o Research & Development Center, ZEON CORPORATION, 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9507 (JP). TAKAHARA, Rieko [JP/JP]; c/o Research & Development Center, ZEON CORPORATION, 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9507 (JP).
(74) WADA, Yasuro; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8323 (JP).
(81) JP US.
-
- (51)⁷ G03G 15/00, H04N 1/00
(11) WO 02/077718 (13) A1
(21) PCT/EP02/02716
(22) 12 Mar/mar 2002 (12.03.2002)
(25) de (26) de
(30) 101 13 836.9 21 Mar/mar 2001 DE (21.03.2001)
(30) 101 13 837.7 21 Mar/mar 2001 DE (21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD AND SYSTEM FOR SERVICE MANAGEMENT OR/AND FOR SERVICE SUPPORT OR/AND FOR THE GENERATION OF SERVICE REPORTS
• PROCEDE ET SYSTEME DE GESTION DE SERVICES ET/OU D'ASSISTANCE DE SERVICES ET/OU DE PRODUCTION DE RAPPORTS DE SERVICES
(71) TOSHIBA TEC GERMANY IMAGING SYSTEMS GMBH [DE/DE]; Carl-Schurz-Strasse 7, 41460 Neuss (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) LANDAU, Dirk [DE/DE]; Kirchfeldstrasse 106, 40215 Düsseldorf (DE). ANTZIOPOULOS, Philipp [DE/DE]; Grefratherweg 91, 41464 Neuss (DE). STOTTMEISTER, Hans-Werner [DE/DE]; Maternusstrasse 44, 41352 Korschenbroich (DE).
(74) WEICKMANN, Franz, Albert; 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 VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G03G 15/16
(11) WO 02/077719 (13) A1
(21) PCT/EP02/02810
(22) 13 Mar/mar 2002 (13.03.2002)
(25) de (26) de
(30) 101 13 999.3 22 Mar/mar 2001 DE (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • TRANSFER PRINTING STATION FOR AN ELECTROGRAPHIC PRINTER OR COPIER
• STATION DE REPORT DESTINEE A UN DISPOSITIF D'IMPRESSION OU DE COPIE ELECTROPHOTOGRAPHIQUE

(71) OCÉ PRINTING SYSTEMS GMBH [DE/DE]; Siemensallee 2, 85586 Poing (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRODL, Herbert [DE/DE]; Hochfellnstrasse 8, 85586 Poing (DE).
KÜRMEIER, Christian [DE/DE]; Friedrich-Herbig-Strasse 15, 85435 Erding (DE).

(74) SCHAUMBURG, Karl-Heinz et al. / etc.; Postfach 86 07 48, 81634 München (DE).

(81) DE JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ G03G 15/20

(11) WO 02/077720 (13) A1

(21) PCT/EP02/03115

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 14 526.8 22 Mar/mar 2001 DE (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR HEATING AND FIXING AN INKING, PARTICULARLY A TONER POWDER ON A PLATE-SHAPED SUPPORT

• PROCEDE ET DISPOSITIF POUR CHAUFFER ET FIXER UNE COUCHE DE COULEUR, NOTAMMENT DE LA POUDRE DE TONER SUR UN SUPPORT SOUS FORME DE PLAQUE

(71) SCHOTT GLAS [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).

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(71) CARL-ZEISS-STIFTUNG trading as SCHOTT GLAS [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).

(only for / seulement pour AU BB BF BJ BZ CF CG CI CM GA GB GD GE GH GM GN GQ GW IE IL IN KE KG KP KR KZ LC LK LR LS MG ML MN MR MW MZ NE NZ SD SG SL SN SZ TD TG TT TZ UG VN ZA ZM ZW)

(71) CARL-ZEISS-STIFTUNG [DE/DE]; 89518 Heidenheim an der Brenz (DE).

(only for / seulement pour BB BF BJ BZ CF CG CI CM GA GD GE GH GM GN GQ GW JP KE KG KZ LC LK LR LS MG ML MN MR MW MZ NE SD SL SN SZ TD TG TT TZ UG VN ZM ZW)

(72, 75) SCHULTHEIS, Bernd [DE/DE]; Silvaner Weg 2, 55270 Schwabenheim (DE).
SOLBACH, Rainer [DE/DE]; Ringstr. 36, 57520 Langenbach (DE).
LATTERMANN, Birgit [DE/DE]; Dahlienweg 3, 64560 Ried-Stadt (DE).
HOMMES, Hans-Jürgen [DE/DE]; Druidenstr. 12, 57548 Herkersdorf (DE).
JUNG, Dieter [DE/DE]; Ströterweg 47, 57567 Daaden (DE).

(74) FLECK, Hermann-Josef; Klingengasse 2, 71655 Vaihingen/Enz (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G04B 19/24, 27/04

(11) WO 02/077721 (13) A1

(21) PCT/EP01/03435

(22) 21 Mar/mar 2001 (21.03.2001)

(25) fr (26) fr

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE FOR ADJUSTING A TIME INDICATOR
• DISPOSITIF DE REGLAGE D'UN INDICATEUR HORAIRE

(71) GLASHÜTTER UHRENBETRIEB GMBH [DE/DE]; Altenberger Strasse 1, 01768 Glashütte/Sachsen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMIEDCHEN, Christian [DE/DE]; Ruppendorfer Strasse 23, 01744 Reichstädt (DE).
SCHNEIDER, Mathias [DE/DE]; Lugturmstrasse 4a, 01809 Heidenau (DE).
STREUBEL, Patrick [DE/DE]; Lugturmstrasse 4e, 01809 Heidenau (DE).

(74) I C B INGENIEURS CONSEILS EN BREVETS SA; Rue des Sors 7, CH-2074 Marin (CH).

(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 GW ML MR NE SN TD TG).

(51)⁷ G04B 23/02, 23/12, G04F 3/02

(11) WO 02/077722 (13) A1

(21) PCT/EP01/03345

(22) 21 Mar/mar 2001 (21.03.2001)

(25) fr (26) fr

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MECHANISM FOR ACTUATING A STRIKING WORK FOR A TIMEPIECE FITTED WITH A TIMER

• MECANISME DE DECLENCHEMENT D'UNE SONNERIE POUR UNE PIECE D'HORLOGERIE EQUIPEE D'UN TEMPORISATEUR

(71) GLASHÜTTER UHRENBETRIEB GMBH [DE/DE]; Altenberger Strasse 1, 01768 Glashütte/Sachsen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMIEDCHEN, Christian [DE/DE]; Ruppendorfer Strasse 23, 01744 Reichstädt (DE).
SCHNEIDER, Mathias [DE/DE]; Lugturmstrasse 4a, 01809 Heidenau (DE).
STREUBEL, Patrick [DE/DE]; Lugturmstrasse 4e, 01809 Heidenau (DE).

(74) I C B; Ingénieurs Conseils en Brevets SA, 7, rue des Sors, CH-2074 Marin (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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).

Published / Publiée : (c)

(51)⁷ G04B 23/02

(11) WO 02/077723 (13) A1

(21) PCT/EP01/03346

(22) 21 Mar/mar 2001 (21.03.2001)

(25) fr (26) fr

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TIMEPIECE COMPONENT COMPRISING A MECHANISM FOR INTERLOCKING A TIME INDICATING FUNCTION AND SIMULTANEOUS WINDING OF A BARREL SPRING

• PIECE D'HORLOGERIE COMPORTANT UN MECANISME POUR L'ENCLANCHEMENT D'UNE FONCTION HORAIRE ET L'ARMAGE SIMULTANE D'UN RESSORT DE BARILLET

(71) GLASHÜTTER UHRENBETRIEB GMBH [DE/DE]; Altenberger Strasse 1, 01768 Glashütte/Sachsen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMIEDCHEN, Christian [DE/DE]; Ruppendorfer Strasse 23, 01744 Reichstädt (DE).

(74) ICB; Ingénieurs Conseils en Brevets S.A., Rue des Sors 7, CH-2074 Marin (CH).

(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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G04C

(11) WO 02/077724 (13) A2

(21) PCT/EP01/03344

(22) 21 Mar/mar 2001 (21.03.2001)

- (25) fr (26) fr
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • TIMEPIECE COMPRISING A STRIKING DEVICE
• PIECE D'HORLOGERIE COMPORTANT UN DISPOSITIF DE SONNERIE
- (71) GLASHÜTTER UHRENBETRIEB GMBH [DE/DE]; Altenberger Strasse 1, 01768 Glashütte/Sachsen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHMIEDCHEN, Christian [DE/DE]; Ruppendorfer Strasse 23, 01744 Reichstädt (DE).
- (74) I C B; Ingénieurs Conseils en Brevets SA, Rue des Sors 7, CH-2074 Marin (CH).
- (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 GW ML MR NE SN TD TG).
-
- (51)⁷ G04F 7/08
- (11) WO 02/077725 (13) A1
- (21) PCT/EP01/03349
- (22) 21 Mar/mar 2001 (21.03.2001)
- (25) fr (26) fr
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CHRONOGRAPH WITH TWO ROTATIONAL DIRECTIONS
• CHRONOGRAPHE A DEUX SENS DE ROTATION
- (71) GLASHÜTTER UHRENBETRIEB GMBH [DE/DE]; Altenberger Strasse 1, 01768 Glashütte/Sachsen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHMIEDCHEN, Christian [DE/DE]; Ruppendorfer Strasse 23, 01744 Reichstädt (DE). STREUBEL, Patrick [DE/DE]; Lugturmstrasse 4e, 01809 Heidenau (DE).
- (74) I C B; Ingénieurs Conseils en Brevets SA, 7, rue des Sors, CH-2074 Marin (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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).
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- (51)⁷ G04G 1/00, 9/00
- (11) WO 02/077726 (13) A1
- (21) PCT/GB02/01452
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (30) 0107516.7 26 Mar/mar 2001 GB (26.03.2001)
- (30) 0129531.0 10 Dec/déc 2001 GB (10.12.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • WRIST INSTRUMENT
• INSTRUMENT A BRACELET
- (71) WHALLEY, Kevin [GB/GB]; 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).
(only for / seulement pour SD)
- (71, 72) ASVAKIAT, Phanupong, Roy [—/TH]; 12, Soi 31, Sukumvit Road, Bangkok (TH).
- (74) GODWIN, Edgar, James; Marks & Clerk, 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G05B 5/01
- (11) WO 02/077727 (13) A1
- (21) PCT/US02/08593
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) en (26) en
- (30) 09/815,117 22 Mar/mar 2001 US (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DUAL INPUT SERVO COUPLED CONTROL STICKS
• LEVIERS DE COMMANDE DOUBLE SERVO-COUPLES
- (71) MPC PRODUCTS CORPORATION [US/US]; 7426 North Linder Avenue, Skokie, IL 60077-3290 (US).
- (72) SZULYK, Zenon; 405 Craig Court, Mount Prospect, IL 60056 (US). DYRA, Brian; 705 Benton, Elmhurst, IL 60126 (US). MAKHLIN, Alex; 9021 LaVergne, #2N, Skokie, IL 60077 (US).
- (74) SUFRIN, Barry, W.; Michael Best & Friedrich, LLC, 401 North Michigan Avenue, Suite 1900, Chicago, IL 60611 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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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- OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 CH CY DE DK ES FI FR GB GR IE 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 G05B 13/02, E21B 43/00
- (11) WO 02/077728 (13) A1
- (21) PCT/US01/09454
- (22) 21 Mar/mar 2001 (21.03.2001)
- (25) en (26) en
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • FIELD/RESERVOIR OPTIMIZATION UTILIZING NEURAL NETWORKS
• OPTIMISATION D'UN CHAMP/GISEMENT AU MOYEN DE RESEAUX NEURONAUX
- (71) HALLIBURTON ENERGY SERVICES, INC. [US/US]; 2601 Beltline Road, Carrollton, TX 75006 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STORM, Bruce, H., Jr. [US/US]; 2135 Highway 6 South, Houston, TX 77077 (US). SCHULTZ, Roger, L. [US/US]; 4792 Red Oak Circle, Aubrey, TX 76227 (US). DENNIS, John, R. [US/US]; 2514 Valhalla Court, Bozeman, MT 59715 (US). RICHARDSON, John, M. [US/US]; 2745 Forest Oaks Circle, Norman, OK 73071 (US).
- (74) SMITH, Marlin, R.; Konneker & Smith, P.C., Suite 230, 660 North Central Expressway, Plano, TX 75074 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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).
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- (51)⁷ G05B 19/18, 19/416
- (11) WO 02/077729 (13) A1
- (21) PCT/JP01/02493
- (22) 27 Mar/mar 2001 (27.03.2001)
- (25) ja (26) ja

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • MULTISPINDLE FINISHING MACHINE AND ITS MOTOR CONTROL METHOD

• APPAREIL POUR FINITION A MULTIBROCHE ET PROCEDE DE COMMANDE MOTEUR DE CELUI-CI

(71) TECHNOWAVE, INC. [JP/JP]; 21, Honshio-cho, Shinjuku-ku, Tokyo 160-0003 (JP). ASAHI-SEIKI MANUFACTURING CO., LTD. [JP/JP]; 5050-1, Shindenbora, Asahimae-machi, Owariasahi-shi, Aichi 488-8655 (JP).

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(72, 75) HACHIYA, Tomoaki [JP/JP]; c/o TECHNOWAVE, INC., 21, Honshio-cho, Shinjuku-ku, Tokyo 106-0003 (JP). TAKAHASHI, Hirochika [JP/JP]; c/o TECHNOWAVE, INC., 21, Honshio-cho, Shinjuku-ku, Tokyo 160-0003 (JP). NAKAYAMA, Masashi [JP/JP]; c/o TECHNOWAVE, INC., 21, Honshio-cho, Shinjuku-ku, Tokyo 160-0003 (JP). KOMAZAWA, Yuuichi [JP/JP]; c/o TECHNOWAVE, INC., 21, Honshio-cho, Shinjuku-ku, Tokyo 160-0003 (JP). NATSUME, Kiyoshi [JP/JP]; c/o Asahi-Seiki Manufacturing Co., Ltd., 5050-1, Shindenbora, Asahimae, Owariasahi-shi, Aichi 488-8655 (JP). OBAHASHI, Eiji [JP/JP]; c/o Asahi-Seiki Manufacturing Co., Ltd., 5050-1, Shindenbora, Asahimae, Owariasahi-shi, Aichi 488-8655 (JP).

(74) IKUTA, Tetsuo et al. / etc.; IKUTA & NAKOSHI LAW AND PATENT OFFICE, Aoyama MS Bldg. 7F., 7-5, Jingumae 3-chome, Shibuya-ku, Tokyo 150-0001 (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 G05B 19/18, 19/416

(11) WO 02/077730 (13) A1

(21) PCT/JP01/02494

(22) 27 Mar/mar 2001 (27.03.2001)

(25) ja (26) ja

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MULTI-SPINDLE FINISHING MACHINE AND CONTROL METHOD FOR ITS MOTOR

• MACHINE DE FINITION MULTIBROCHE ET PROCEDE DE COMMANDE DE SON MOTEUR

(71) TECHNOWAVE, INC. [JP/JP]; 21, Honshio-cho, Shinjuku-ku, Tokyo 160-0003 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HACHIYA, Tomoaki [JP/JP]; c/o TECHNOWAVE, INC., 21, Honshio-cho, Shinjuku-ku, Tokyo 160-0003 (JP). TAKAHASHI, Hirochika [JP/JP]; c/o TECHNOWAVE, INC., 21, Honshio-cho, Shinjuku-ku, Tokyo 160-0003 (JP). NAKAYAMA, Masashi [JP/JP]; c/o TECHNOWAVE, INC., 21, Honshio-cho, Shinjuku-ku, Tokyo 160-0003 (JP). KOMAZAWA, Yuuichi [JP/JP]; c/o TECHNOWAVE, INC., 21, Honshio-cho, Shinjuku-ku, Tokyo 160-0003 (JP).

(74) IKUTA, Tetsuo et al. / etc.; IKUTA & NAKOSHI LAW AND PATENT OFFICE,

Aoyama MS Bldg. 7F., 7-5, Jingumae 3-chome, Shibuya-ku, Tokyo 150-0001 (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 G05B 19/418

(11) WO 02/077731 (13) A1

(21) PCT/DE02/00835

(22) 8 Mar/mar 2002 (08.03.2002)

(25) de (26) de

(30) 101 14 701.5 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROCESS CONTROL SYSTEM WITH IMAGE REPRESENTATION SYSTEM

• SYSTEME DE CONTROLE DE PROCESSUS COMPRENANT UN SYSTEME DE REPRESENTATION D'IMAGE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GERK, Uwe [DE/DE]; Abtsdorf 64, 96158 Frensdorf (DE). KELLNER, Marcel [DE/DE]; Drausnickstr. 152, 91052 Erlangen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CN 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 G05B 19/418, G06F 17/30

(11) WO 02/077732 (13) A1

(21) PCT/FI02/00240

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 20010593 22 Mar/mar 2001 FI (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE DOCUMENT MANAGEMENT IN AUTOMATION SYSTEM

• GESTION DE DOCUMENTS RELATIFS A DES APPAREILS DE TERRAIN DANS UN SYSTEME D'AUTOMATISATION

(71) METSO FIELD SYSTEMS OY [FI/FI]; Tulppatie 1, FIN-00880 Helsinki (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARTIKAINEN, Kari [FI/CH]; Brislachstrasse 18 D, CH-4226 Breitenbach (CH). NISSINEN, Mika [FI/FI]; Lapinlahdenkatu 23 B 35, FIN-00180 Helsinki (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O.Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT AU (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 DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 G05B 23/02

(11) WO 02/077733 (13) A1

(21) PCT/EP02/03135

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 201 05 027.7 22 Mar/mar 2001 DE (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DIAGNOSIS DEVICE FOR FIELD EQUIPMENT

• DISPOSITIF DE DIAGNOSTIC POUR UN APPAREIL DE TERRAIN

(71) ABB PATENT GMBH [DE/DE]; Wallstadter Str. 59, 68526 Ladenburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KARTE, Thomas [DE/DE]; Lärchenstrasse 17, 32657 Lemgo (DE). HUCK, Ralf [DE/DE]; Theodor-Heuß-Strasse 10, 63457 Hanau (DE). KLEEGREWE, Thomas [DE/DE]; Nordring 43, 42579 Heiligenhaus (DE). SCHOLZ, Wolfgang [DE/DE]; Sonnenkamp 11, 32427 Minden (DE). VOGEL, Albrecht [DE/DE]; Märchenstrasse 32b, 76297 Stutensee (DE). BINZ, Dieter [DE/DE]; Kolpingstrasse 2, 69493 Hirschberg (DE). KEEPING, Sean, Crispian [GB/GB]; 16a Church Road, Shortlands, Kent BR2 OHP (GB). KJESBU, Snorre [NO/NO]; Hiltonasen 88, N-1341 Slepden (NO). MORONI, Andrea [IT/IT]; Via Raimondi, 59/A, I-21050 Gorla Minore (IT). KEECH, Ray [GB/GB]; 7 Bownham Mead, Rodborough Common, Stroud,

Glos. GL5 5DZ (GB). **DECK, Bernhard** [DE/DE]; Scheueräcker 5, 79809 Weilheim (DE). **D'COSTA, Eric** [GB/GB]; Brambleside, Adey's Lane, Wotton-under-Edge, Gloucestershire GL12 7PS (GB). **ALBONE, Dave** [GB/GB]; 4 Eagle Court, St. Neots, Cambridgeshire PE19 1TS (GB). **SELLEY, Geoff** [GB/GB]; 17 Gainsborough Avenue, Eaton Ford, St. Neots, Cambridgeshire PE19 7RF (GB).

(74) **MARKS, Frank**; ABB Patent GmbH, Patentstelle Heiligenhaus, Postfach 10 02 51, 42567 Heiligenhaus (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) 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 G05B 23/02

(11) WO 02/077734 (13) A1

(21) PCT/EP02/03136

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 201 05 028.5 22 Mar/mar 2001 DE (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DIAGNOSTIC DEVICE FOR FIELD EQUIPMENT
• DISPOSITIF DE DIAGNOSTIC POUR APPAREIL DE TERRAIN

(71) **ABB PATENT GMBH** [DE/DE]; Wallstadter Strasse 59, 68526 Ladenburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KARTE, Thomas** [DE/DE]; Lärchenstrasse 17, 32657 Lemgo (DE). **HUCK, Ralf** [DE/DE]; Theodor-Heuss-Strasse 10, 63457 Hanau (DE). **KLEEGREWE, Thomas** [DE/DE]; Nordring 43, 42579 Heiligenhaus (DE). **SCHOLZ, Wolfgang** [DE/DE]; Sonnenkamp 11, 32427 Minden (DE). **VOGEL, Albrecht** [DE/DE]; Märchenstrasse 32b, 76297 Stutensee (DE). **BINZ, Dieter** [DE/DE]; Kolpingstrasse 2, 69493 Hirschberg (DE). **KEEPING, Sean, Crispian** [GB/GB]; 16a Church Road, Shortlands, Kent BR2 0HP (GB). **KJESBU, Snorre** [NO/NO]; Hiltonasen 88, N-1341 Slependsen (NO). **MORONI, Andrea** [IT/IT]; Via Raimondi, 59/A, I-21055 Gorla Minore (IT). **KEECH, Ray** [GB/GB]; 7 Bownham Mead, Rodborough Common, Stroud, Glos. GL5 5DZ (GB). **DECK, Bernhard** [DE/DE]; Scheueräcker 5, 79809 Weilheim (DE). **D'COSTA, Eric** [GB/GB]; Brambleside, Adey's Lane, Wotton-under-Edge, Gloucestershire GL12 7PS (GB). **ALBONE, Dave** [GB/GB]; 4 Eagle Court, St. Neots, Cambridgeshire PE19 1TS (GB). **SELLEY, Geoff** [GB/GB]; 17 Gainsborough Avenue, Eaton Ford, St. Neots, Cambridgeshire PE19 7RF (GB).

(74) **MARKS, Frank**; ABB Patent GmbH, Patentstelle Heiligenhaus, Postfach 10 02 51, 42567 Heiligenhaus (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) 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 G05B 23/02

(11) WO 02/077735 (13) A1

(21) PCT/JP02/02886

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ja (26) ja

(30) 2001-90531 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONTROLLABLE OBJECT REMOTE CONTROL AND DIAGNOSIS APPARATUS
• COMMANDE A DISTANCE D'OBJETS POUVANT ETRE COMMANDES ET APPAREIL DE DIAGNOSTIC

(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) **NAGATA, Hideo** [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP). **INOUE, Yasuyuki** [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP). **YASUDA, Ken'ichi** [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP). **HANDA, Hiroyuki** [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (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 G05D 7/01

(11) WO 02/077736 (13) A1

(21) PCT/EP02/02869

(22) 14 Mar/mar 2002 (14.03.2002)

(25) de (26) de

(30) 101 14 261.7 22 Mar/mar 2001 DE (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CARTRIDGE INSERT FOR A FLUID LINE
• CARTOUCHE POUR UN CIRCUIT HYDRAULIQUE

(71) **DIETER WILDFANG GMBH** [DE/DE]; Klosterunnsstrasse 11, 79379 Müllheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEIS, Christoph** [DE/DE]; Theodor-Heuss-Strasse 70, 79539 Lörrach (DE). **ZOLLER, Uwe** [DE/DE]; Bürgelstrasse 10, 79379 Müllheim (DE).

(74) **MAUCHER, BÖRJES & KOLLEGEN** Attn: Mr. H. Schmitt; Dreikönigstrasse 13, 79102 Freiburg I. Br. (DE).

(81) AU JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G05D 16/10

(11) WO 02/077737 (13) A1

(21) PCT/JP02/03000

(22) 27 Mar/mar 2002 (27.03.2002)

(25) ja (26) ja

(30) 2001-089194 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LIQUID CONTROL VALVE
• CLAPET DE COMMANDE POUR LIQUIDE

(71) **NOK CORPORATION** [JP/JP]; 12-15, Shibadaimon 1-chome, Minato-ku, Tokyo 105-8585 (JP). **INAX CORPORATION** [JP/JP]; 1, Koiehonmachi 5-chome, Tokoname-shi, Aichi 479-0838 (JP).

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(72, 75) **YAMASHITA, Matsuyoshi** [JP/JP]; c/o NOK Corporation, 4-3-1, Tsujido-shinmachi, Fujisawa-shi, Kanagawa 251-0042 (JP).

(74) **NOMOTO, Yoichi**; Terao Building 7th Floor, 8-4, Nishi-shinbashi 2-chome, Minato-ku, Tokyo 105-0003 (JP).

(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 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 CH CY DE DK ES FI FR GB GR IE IT 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 G05F 1/00

(11) WO 02/077738 (13) A1

(21) PCT/US02/08966

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/277,284 21 Mar/mar 2001 US (21.03.2001)

(30) 10/103,315 20 Mar/mar 2002 US (20.03.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SINGLE-STAGE PFC + BALLAST CONTROL CIRCUIT/GENERAL PURPOSE POWER CONVERTER
• CORRECTION DE FACTEUR DE PUISSANCE A ETAGE UNIQUE ET CIRCUIT DE COMMANDE DE REGULATEUR/CONVERTISSEUR DE PUISSANCE POLYVALENT

(71) INTERNATIONAL RECTIFIER CORPORATION [US/US]; 233 Kansas Street, El Segundo, CA 90245 (US).

(72) RIBARICH, Thomas; 2470 South Coast Highway, Apt. D, Laguna Beach, CA 92651 (US). RIBARICH, John; International Rectifier Corporation, 233 Kansas Street, El Segundo, CA 90245 (US).

(74) MOSKOWITZ, Max et al. / etc.; Ostrolenk, Faber, Gerb & Soffen, LLP, 1180 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 G05F 1/00

(11) WO 02/077739 (13) A1

(21) PCT/US02/08984

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/277,636 22 Mar/mar 2001 US (22.03.2001)

(30) 10/104,909 21 Mar/mar 2002 US (21.03.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELECTRONIC DIMMABLE BALLAST FOR HIGH INTENSITY DISCHARGE LAMP

• BALLAST ELECTRONIQUE GR-DUABLE POUR LAMPE A DECHARGE HAUTE INTENSITE

(71) INTERNATIONAL RECTIFIER CORPORATION [US/US]; 233 Kansas Street, El Segundo, CA 90245 (US).

(72) RIBARICH, Thomas, J.; 2470 South Coast Highway, Apt. D, Laguna Beach, CA 92651 (US).

(74) DUJMICH, Louis, C. et al. / etc.; Ostrolenk, Faber, Gerb & Soffen, LLP, 1180 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G05F 1/00

(11) WO 02/077740 (13) A1

(21) PCT/US02/08995

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/277,635 22 Mar/mar 2001 US (22.03.2001)

(30) Not furnished / non communiqué 21 Mar/mar 2002 US (21.03.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELECTRONIC BALLAST FOR COLD CATHODE FLUORESCENT LAMP WITH DIMMING

• BALLAST ELECTRONIQUE POUR LAMPE FLUORESCENTE A CATHODE FROIDE A GRADATION

(71) INTERNATIONAL RECTIFIER CORPORATION [US/US]; 233 Kansas Street, El Segundo, CA 90245 (US).

(72) RIBARICH, Thomas, J.; 2470 South Coast Highway, Apt. D, Laguna Beach, CA 92651 (US).

(74) DUJMICH, Louis, C. et al. / etc.; Ostrolenk, Faber, Gerb & Soffen, LLP, 1180 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G05F 1/565

(11) WO 02/077741 (13) A1

(21) PCT/US02/08633

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 60/277,496 21 Mar/mar 2001 US (21.03.2001)

(30) 09/945,187 31 Aug/août 2001 US (31.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DUAL LOOP REGULATOR

• REGULATEUR A VOLUTES DOUBLES

(71) PRIMARION, INC. [US/US]; 2507 West Geneva Drive, Tempe, AZ 85282-3127 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) TANG, Benjamin [US/US]; 13510 Isis Avenue, Hawthorne, CA 90250 (US). OSTROM, Kenneth [US/US]; 2609 Via Carrillo, Palos Verdes Estates, CA 90274 (US). NG, Timothy [US/US]; 1865 Fulton Avenue, Monterey Park, CA 91755 (US). DUONG, Clifford [US/US]; 9119 La Estrella Avenue, Fountain Valley, CA 92708-2762 (US).

(74) FRALEY, R., Lee; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004-2202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G05F 1/618, G06F 1/30

(11) WO 02/077742 (13) A1

(21) PCT/US02/08575

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/277,494 21 Mar/mar 2001 US (21.03.2001)

(30) 60/277,496 21 Mar/mar 2001 US (21.03.2001)

(30) 09/945,187 31 Aug/août 2001 US (31.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD, APPARATUS & SYSTEM FOR PREDICTIVE POWER REGULATION TO A MICROELECTRONIC CIRCUIT

• PROCEDE, DISPOSITIF ET SYSTEME DE REGULATION PREDICTIVE DE LA PUISSANCE D'ALIMENTATION D'UN CIRCUIT MICRO-ELECTRONIQUE

(71) PRIMARION, INC. [US/US]; 2507 West Geneva Drive, Tempe, AZ 85282-3127 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) TANG, Benjamin [US/US]; 13510 Isis Avenue, Hawthorne, CA 90250 (US).

(74) PLATT, John; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004-2202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G05F 1/618, G06F 1/30

(11) WO 02/077743 (13) A1

(21) PCT/US02/08748

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

- (30) 60/277,560 **21 Mar/mar 2001** US
(**21.03.2001**)
- (30) 60/277,706 **21 Mar/mar 2001** US
(**21.03.2001**)
- (30) 09/945,187 **31 Aug/août 2001** US
(**31.08.2001**)
- (30) 60/361,976 **6 Mar/mar 2002** US
(**06.03.2002**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHODS AND APPARATUS FOR OPEN LOOP ENHANCED CONTROL OF POWER SUPPLY TRANSIENTS
• PROCEDE ET APPAREIL DE REGULATION AMELIOREE EN BOUCLE OUVERTE DES TRANSITOIRES DE COURANT
- (71) PRIMARION, INC. [US/US]; 2507 West Geneva Drive, Tempe, AZ 85282-3127 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TANG, Benjamim [US/US]; 13510 Isis Avenue, Hawthorne, CA 90250 (US). BASSETT, Keith [US/US]; 3621 Emerald Street #7, Torrance, CA 90503 (US). NG, Timothy [US/US]; 1865 Fulton Avenue, Monterey Park, CA 91755 (US). OSTROM, Kenneth [US/US]; 2609 Via Carrillo, Palos Verdes Estates, CA 90274 (US). STEFFEN, Nicholas [US/US]; 2215 Graham Avenue, Redondo Beach, CA 90278-2029 (US). DUONG, Clifford [US/US]; 9119 La Estrella Avenue, Fountain Valley, CA 92708-2762 (US).
- (74) POTE, Daniel, R.; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004-2202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G05G 9/047
- (11) WO 02/077744 (13) A1
- (21) PCT/FR02/00975
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) fr (26) fr
- (30) 01/03859 **22 Mar/mar 2001** FR
(**22.03.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CONTROL HANDLE
• MANIPULATEUR DE COMMANDE
- (71) VOLVO CONSTRUCTION EQUIPMENT HOLDING SWEDEN AB [SE/SE]; S-63 185 Eskilstuna (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHARLES, Georges [FR/FR]; 125 Allée du Coteau, F-69400 Limas (FR).
- (74) PALIX, Stéphane 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 CH CY DE DK ES FI FR GB GR IE 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) WO 02/077746 (13) A2
- (21) PCT/US01/51317
- (22) 19 Oct/oct 2001 (19.10.2001)
- (25) en (26) en
- (30) 60/242,077 **19 Oct/oct 2000** US
(**19.10.2000**)
- (30) 60/242,282 **20 Oct/oct 2000** US
(**20.10.2000**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND APPARATUS FOR TRACKING INTERACTION
• PROCEDE ET APPAREIL DE SUIVI D'INTERACTIONS
- (71) MINDARROW SYSTEMS, INC. [US/US]; 101 Enterprise, Suite 340, Aliso Viejo, CA 92656 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SOHL, Barry [US/US]; Mindarrow Systems, Inc., 101 Enterprise, Suite 340, Aliso Viejo, CA 92656 (US).
- (74) FISH, Robert; Fish & Associates, LLP, Suite 706, 1440 N. Harbor Boulevard, Fullerton, CA 92835 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 G06F
- (11) WO 02/077747 (13) A2
- (21) PCT/US02/10027
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (30) 60/279,287 **27 Mar/mar 2001** US
(**27.03.2001**)
- (30) 60/306,490 **18 Jul/juil 2001** US
(**18.07.2001**)
- (30) 60/309,340 **31 Jul/juil 2001** US
(**31.07.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DISTRIBUTED, SCALABLE CRYPTOGRAPHIC ACCESS CONTROL
• COMMANDE D'ACCES CRYPTOGRAPHIQUE EVOLUTIVE NON CENTRALISEE
- (71) XDEGREES, INC. [US/US]; 2307 Leghorn Street, Mountain View, CA 94043 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOYEN, Xavier [—/US]; 1939 Rock Street, #19, Mountain View, CA 94043 (US). QIAN, Zhenyu [—/US]; 11592 Bridge Park Ct., Cupertino, CA 95014 (US). TEODOSIU, Dan [—/US]; 4151 #E El Camino Way, Palo Alto, CA 94305-4035 (US).
- (74) AUYEUNG, Aloysius, T., C. et al. / etc.; Columbia IP Law Group, PC, 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 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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 VZ 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 CH CY DE DK ES FI FR GB GR IE 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG VZ 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 CH CY DE DK ES FI FR GB GR IE 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 G06F

(11) WO 02/077748 (13) A2

(21) PCT/US02/02132

(22) 25 Jan/jan 2002 (25.01.2002)

(25) en (26) en

(30) 60/265,761 1 Feb/fév 2001 US (01.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LIGHT SCATTERING DETERMINATION OF TREATMENT POTENCIES
• DETERMINATION D'ACTIVITES THERAPEUTIQUES PAR DIFFUSION DE LA LUMIERE

(71) CARRICK, Bruce [US/US]; 1861 S Falcon Dr, Libertyville, IL 60048 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) DESHPANDE, Satish [CA/CA]; 90 Foster Ave, Guelph, Ontario N1H 3B3 (CA).

(74) MOYER, Donald; Patent Agent, 431 S Dearborn 705, Chicago, IL 60605 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 02/077749 (13) A2

(21) PCT/US02/03593

(22) 5 Feb/fév 2002 (05.02.2002)

(25) en (26) en

(30) 60/267,779 9 Feb/fév 2001 US (09.02.2001)

(30) 09/861,368 17 May/mai 2001 US (17.05.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TRANSACTION AGGREGATION SYSTEM AND METHOD
• SYSTEME ET PROCEDE D'AGREGATION DE TRANSACTIONS

(71) E BIZ PORTALS, INC. [US/US]; 170 Oak Creek Boulevard, Scotts Valley, CA 95066 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RUDRARAJU, Panduranga, R. [IN/US]; 170 Oak Creek Boulevard, Scotts Valley, CA 95066 (US). NARKHEDE, Atul [IN/IN]; 405 Usha Enclave, Navodaya Colony, Srinagar Colony, Hyderabad 500 033 (IN). PRATEEK, Abhinandan [IN/IN]; 401 Edaikode Towers, Plot 116, Srinagar Colony, Hyderabad 500 033 (IN). NIRKHE, Madhura [IN/IN]; Plot 298, Road No.25, Jubilee Hills, Hyderabad 500 033 (IN). SHETTY, Chandrashekar [IN/IN]; 140/B Sarat Bose Road, Flat 301, Calcutta 700 029 (IN).

(74) CAMACHO, Randall, A. et al. / etc.; Morrison & Foerster LLP, 425 Market Street, San Francisco, CA 94105-2482 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 02/077750 (13) A2

(21) PCT/US02/00372

(22) 4 Jan/jan 2002 (04.01.2002)

(25) en (26) en

(30) 60/260,171 4 Jan/jan 2001 US (04.01.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AUTHORIZING PLATFORM FOR SYNCHRONIZED MULTIMEDIA PRESENTATION
• PLATE-FORME AUTEUR POUR PRESENTATION MULTIMEDIA SYNCHRONISEE

(71) 3CX, INC. [US/US]; 2085 Hamilton Avenue, Suite 300, San Jose, CA 95125 (US).

(72) WANG, Yuewei; 3621 Copperfield Drive #243, San Jose, CA 95136 (US). JAMPANI, Ganesh; 850 Woodcreek Way, Gilroy, CA 95020 (US). LEE, Yenjen; ** (**).

(74) NORTH, Michael, V. 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 (Utility model / modèle d'utilité) 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 (Utility model / modèle d'utilité) 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 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 G06F

(11) WO 02/077751 (13) A2

(21) PCT/US02/03789

(22) 6 Feb/fév 2002 (06.02.2002)

(25) en (26) en

(30) 60/266,711 6 Feb/fév 2001 US (06.02.2001)

(30) 09/877,695 8 Jun/juin 2001 US (08.06.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • APPARATUS AND METHOD FOR DESIGNING PROTEINS AND PROTEIN LIBRARIES

• APPAREIL ET PROCEDE DE REMODELAGE DE PROTEINES ET DE CREATION DE BANQUES DE PROTEINES

(71) THE PENN STATE RESEARCH FOUNDATION [US/US]; 304 Old Main, University Park, PA 16802 (US).

(72) DESJARLAIS, John, R.; 240 Adams Avenue, State College, PA 16803 (US).

(74) GREELEY, Paul, D.; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., One Landmark Square, 10th Floor, Stamford, CT 06901-2682 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 02/077752 (13) A2

(21) PCT/US02/04589

(22) 4 Feb/fév 2002 (04.02.2002)

(25) en (26) en

(30) 09/777,329 5 Feb/fév 2001 US (05.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A BUSINESS METHOD FOR RESERVING INTELLECTUAL PROPERTY RIGHTS IN MATERIALS OR ARTICLES CLAIMED IN PATENTS

- PROCEDE COMMERCIAL VISANT A RESERVER LES DROITS DE PROPRIETE INTELLECTUELLE RELATIFS A DES PRODUITS OU ARTICLES QUI FONT L'OBJET D'UNE REVENDICATION DE BREVET
- (71, 72) WHEELOCK, Kenneth, S. [US/US]; 25 Juliana Drive, Pittsfield, MA 01201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F
(11) WO 02/077753 (13) A2
(21) PCT/US02/04849
(22) 19 Feb/fév 2002 (19.02.2002)
(25) en (26) en
(30) 09/815,143 22 Mar/mar 2001 US (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • AUTOMATED TRANSACTION MANAGEMENT SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE GESTION DE TRANSACTIONS AUTOMATISEES
- (71) CLEAR TECHNOLOGY, INC. [US/US]; 207 Canyon Boulevard, Boulder, CO 80302 (US).
- (72) KENDALL, John; 1145 Timber Lane, Boulder, CO 80304 (US). PHILLIPS, Chris; 1363 Cedarwood Drive, Longmont, CO 80501 (US).
- (74) JACOBS, James, D. et al. / etc.; Baker & McKenzie, 805 Third Avenue, New York, NY 10022 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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) WO 02/077754 (13) A2
(21) PCT/US02/05969
(22) 20 Feb/fév 2002 (20.02.2002)
(25) en (26) en
(30) 60/270,182 20 Feb/fév 2001 US (20.02.2001)
(30) 09/816,869 24 Mar/mar 2001 US (24.03.2001)
- (30) 60/355,857 11 Feb/fév 2002 US (11.02.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DETECTING COMPROMISED BALLOTS
• DETECTION DE BULLETINS DE VOTE COMPROMIS
- (71) VOTEHERE, INC. [US/US]; Suite 250, 3101 Northup Way, Bellevue, WA 98004 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NEFF, C., Andrew [US/US]; 3048-164th Place N.E., Bellevue, WA 98008 (US).
- (74) LAWRENZ, Steven, D. et al. / etc.; Perkins Coie LLP, P.O. Box 1247, Seattle, WA 98111-1247 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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) WO 02/077755 (13) A2
(21) PCT/US02/06652
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 09/814,949 23 Mar/mar 2001 US (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MATCHING ANGEL INVESTORS WITH ENTREPRENEURS
• MISE EN CORRESPONDANCE D'INVESTISSEURS PROVIDENTIELS AVEC DES ENTREPRENEURS
- (63) US 09/814,949 (CON) 23 Mar/mar 2001 (23.03.2001)
- (71) ANGEL LEGACY, L.L.C. [US/US]; 3700 Douglas Boulevard, Suite 255, Roseville, CA 95661 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MILAM, Joe [US/US]; 8224 Shadowwood Court, Granite Bay, CA 95746 (US).
- (74) PETERSON, James, W.; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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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- 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 02/077756 (13) A2
(21) PCT/US02/06663
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 09/819,521 27 Mar/mar 2001 US (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PROVISION OF TRANSPARENT PROXY SERVICES TO A USER OF A CLIENT DEVICE
• FOURNITURE DE SERVICES MANDATAIRES TRANSPARENTS A L'UTILISATEUR D'UN DISPOSITIF CLIENT
- (71) THE COCA-COLA COMPANY [US/US]; One Coca-Cola Plaza, Atlanta, GA 30313 (US).
- (72) VOGT, David; 2555 Townsgate Road, Westlake Village, CA 91361 (US).
- (74) BIRCH, ANTHONY, L. et al. / etc.; FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., 1300 I Street, NW, Washington, DC 20005-3315 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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) WO 02/077757 (13) A2
(21) PCT/US02/07644
(22) 14 Mar/mar 2002 (14.03.2002)
(25) en (26) en
(30) 60/277,688 21 Mar/mar 2001 US (21.03.2001)
(30) 10/097,157 13 Mar/mar 2002 US (13.03.2002)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ONLINE PROMOTIONAL SCHEME
• SYSTEME PROMOTIONNEL EN LIGNE
- (71) NETSPEND CORPORATION [US/US]; Suite 18, 501 Congress Avenue, Austin, TX 78701 (US).
- (72) SOSA, Bertrand; 11624 Jollyville Road, #938, Austin, TX 78759 (US). SOSA, Rogelio; 11624 Jollyville Road, #938, Austin, TX 78759 (US).
- (74) STANFORD, Gary, R.; Law Offices of Gary R. Stanford, 610 West Lynn, Austin, TX 78703 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

- HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
(11) WO 02/077758 (13) A2
(21) PCT/US02/07739
(22) 14 Mar/mar 2002 (14.03.2002)
(25) en (26) en
(30) 60/277,688 21 Mar/mar 2001 US (21.03.2001)
(30) 10/097,170 13 Mar/mar 2002 US (13.03.2002)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • AN ONLINE CONTENT PORTAL SYSTEM
• SYSTEME DE PORTAIL DE CONTENU EN LIGNE
(71) NETSPEND CORPORATION [US/US]; 501 Congress Avenue, Suite 18, Austin, TX 78701 (US).
(72) SOSA, Bertrand; 11624 Jollyville Road, #938, Austin, TX 78759 (US). SOSA, Rogelio; 11624 Jollyville Road, #938, Austin, TX 78759 (US).
(74) STANFORD, Gary, R.; Law Offices of Gary R. Stanford, 610 West Lynn, Austin, TX 78703 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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) WO 02/077759 (13) A2
(21) PCT/US02/08293
(22) 20 Mar/mar 2002 (20.03.2002)
(25) en (26) en
(30) 60/276,952 20 Mar/mar 2001 US (20.03.2001)
(30) 60/279,422 29 Mar/mar 2001 US (29.03.2001)
(30) 60/287,004 30 Apr/avr 2001 US (30.04.2001)
(30) 60/305,073 16 Jul/juil 2001 US (16.07.2001)
(30) 60/327,291 9 Oct/oct 2001 US (09.10.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • NEGOTIATING PLATFORM
- PLATE-FORME DE NEGOCIATION
(71) DEALIGENCE INC. [US/US]; 30 Old Rudnick Lane, Dover, DE 19901 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SHMUELI, Oded [IL/IL]; 178 Hapisga Street, 36 001 Nofit (IL). GOLANY, Boaz [IL/IL]; 38 Harofe Street, 34 367 Haifa (IL). SAYEGH, Robert [IL/IL]; 63 Abas Street, 35 378 Haifa (IL). SHACHNAI, Hadas [IL/IL]; 12A Ehud Street, 34 551 Haifa (IL). PERRY, Mordechal [IL/IL]; 7/1 Snonit Street, P.O. Box 1804, 90 805 Mevasseret (IL). GRADOVITCH, Noah [IL/IL]; 10 Raul Wallenberg Street, 34 990 Haifa (IL). YEHEZKEL, Benny [IL/IL]; 74 Bialik Street, 52 441 Ramat Gan (IL).
(74) SHEINBEIN, Sol; G.E. Ehrlich (1995) Ltd., c/o Anthony Castorina, 2001 Jefferson Davis Highway, Suite 207, Arlington, VA 22202 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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) WO 02/077760 (13) A2
(21) PCT/US02/08327
(22) 20 Mar/mar 2002 (20.03.2002)
(25) en (26) en
(30) 09/813,745 21 Mar/mar 2001 US (21.03.2001)
(30) 09/995,995 28 Nov/nov 2001 US (28.11.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • FINANCIAL PRODUCT AND COLLABORATIVE SYSTEM AND METHOD FOR PROVIDING AND MONITORING A FINANCIAL PRODUCT
• PRODUIT FINANCIER, ET SYSTEME ET PROCEDE DE COLLABORATION PERMETTANT DE FOURNIR ET DE CONTROLER UN PRODUIT FINANCIER
(71, 72) SISKKA, Thomas, G. [US/US]; 2 Hitching Post Drive, Rolling Hills, CA 90274 (US).
(74) MORNEAULT, Monique, A. et al. / etc.; Wallenstein & Wagner, Ltd., 311 South Wacker Drive - 5300, Chicago, IL 60606 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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) WO 02/077762 (13) A2
(21) PCT/US02/08527
(22) 19 Mar/mar 2002 (19.03.2002)
(25) en (26) en
(30) 09/819,427 27 Mar/mar 2001 US (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • SYSTEM AND METHOD FOR PROVIDING PERSONALIZED CUSTOMER SUPPORT
• SYSTEME ET PROCEDE DE SOUTIEN CLIENT PERSONNALISE
(71) HEWLETT-PACKARD COMPANY [US/US]; Legal Department, 3000 Hanover Street, M/S 1051, Palo Alto, CA 94304-1112 (US).
(72) MANSFIELD, Michael, A.; 11808 W. Dason Court, Boise, ID 83713 (US).
- RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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) WO 02/077761 (13) A2
(21) PCT/US02/08428
(22) 20 Mar/mar 2002 (20.03.2002)
(25) en (26) en
(30) 09/812,831 21 Mar/mar 2001 US (21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD AND SYSTEM FOR OFFERING DEBT RECOVERY PRODUCTS TO A CUSTOMER
• PROCEDE ET SYSTEME CONCUS POUR PROPOSER DES PRODUITS DE RECOUVREMENT DE DETTES A UN CLIENT
(71) CAPITAL ONE FINANCIAL CORPORATION [US/US]; 2980 Fairview Park Drive, Falls Church, VA 22042 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BASS, Scott [US/US]; 11904 Glen Gary Court, 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 US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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) WO 02/077763 (13) A2
(21) PCT/US02/08527
(22) 19 Mar/mar 2002 (19.03.2002)
(25) en (26) en
(30) 09/819,427 27 Mar/mar 2001 US (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • SYSTEM AND METHOD FOR PROVIDING PERSONALIZED CUSTOMER SUPPORT
• SYSTEME ET PROCEDE DE SOUTIEN CLIENT PERSONNALISE
(71) HEWLETT-PACKARD COMPANY [US/US]; Legal Department, 3000 Hanover Street, M/S 1051, Palo Alto, CA 94304-1112 (US).
(72) MANSFIELD, Michael, A.; 11808 W. Dason Court, Boise, ID 83713 (US).

- FRIDRICH, Donald, J.; 3016 Navajo Drive, Nampa, ID 83686 (US).
- (74) MAYES, Robert, C.; 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 CH CY DE DK ES FI FR GB GR IE 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) WO 02/077763 (13) A2
(21) PCT/US02/08658
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 60/277,631 22 Mar/mar 2001 US (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • STRUCTURED LEASING METHOD AND SYSTEM
• PROCEDE ET SYSTEME STRUCTURES RELATIFS AUX CONTRATS DE LOCATION
(71) ALLCO FINANCE GROUP [US/US]; Suite 250, 3993 Howard Hughes Parkway, las Vegas, NV 89109 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MELONE, Thomas [US/US]; 14 Woodhollow Trail, Upper Saddle River, NJ 07458 (US). YANOWITZ, Mark, R. [US/US]; 5 Cobblefield Drive, Mendham, NJ 07945 (US). WILSON, Brad, L. [US/US]; Apt. 4E, 336 East 71 Street, New York, NY 10021 (US).
(74) GROSSMAN, Jon, D.; Dickstein Shapiro Morin & Oshinsky LLP, 2101 L Street, N.W., Washington, DC 20037-1526 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM 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 G06F
(11) WO 02/077764 (13) A2
(21) PCT/US02/08663
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 60/277,994 21 Mar/mar 2001 US (21.03.2001)
- (30) 10/103,267 20 Mar/mar 2002 US (20.03.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SYSTEM AND METHOD FOR MANAGEMENT OF HEALTH CARE SERVICES
• SYSTEME ET PROCEDE POUR LA GESTION DE SERVICES DE SOINS DE SANTE
(71) CAREGAIN, INC. [US/US]; 34 Gervin Road, Lawrenceville, NJ 08648 (US).
(72) GUPTA, Amit, K.; 124 Brookstone Drive, Princeton, NJ 08542 (US).
(74) DUNN MCKAY, Diane; Mathews, Collins, Shepherd & McKay, P.A., Suite 306, 100 Thanet Circle, Princeton, NJ 08540 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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) WO 02/077765 (13) A2
(21) PCT/US02/08699
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 09/814,441 22 Mar/mar 2001 US (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • ELECTRONIC STORAGE MEDIUM AND PURCHASING SYSTEM AND METHOD
• SUPPORT DE STOCKAGE ELECTRONIQUE ET SYSTEME ET PROCEDE D'ACHAT
(71) C D TRADING CARDS, INC. [US/US]; 4237 West 13th Street, St. Cloud, FL 34769 (US).
(72) CALAWAY, Douglas, D.; 5815 Guenevere Court, St. Cloud, FL 34772 (US). KOTTE, Jason, R.; 3344 Gator Bay Creek Boulevard, St. Cloud, FL 34772 (US). MILLER, Wynn; 4160 Packard Avenue, St. Cloud, FL 34772 (US).
(74) HARTT, Jacqueline, E.; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., Suite 1401, 255 South Orange Avenue, P.O. Box 3791, Orlando, FL 32802-3791 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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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- 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 02/077766 (13) A2
(21) PCT/US02/08736
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 60/277,257 21 Mar/mar 2001 US (21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • AUTOMATED SECURITIES TRADING SYSTEM
• SYSTEME DE COMMERCE DE TITRES AUTOMATISE
(71) MODUS NOVUS, INC. [US/US]; 79 E. Main Street, Suite 107, Westminster, MD 21157 (US).
(72) GREENWOOD, Kenneth, M.; 530 LaCosta Circle, Apt. 102, Westminster, MD 21158 (US).
(74) AITKEN, Andrew, C. et al. / etc.; Venable, Baetjer, Howard & Civiletti, LLP, 1201 New York Avenue, Suite 1000, P.O. Box 34385, Washington, DC 20043-9998 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ G06F
(11) WO 02/077767 (13) A2
(21) PCT/US02/08792
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 09/814,014 21 Mar/mar 2001 US (21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHODS AND APPARATUS FOR EXCHANGING FERROUS, NONFERROUS AND PLATINUM GROUP METALS
• PROCEDES ET APPAREIL PERMETTANT L'ECHANGE DE METAUX FERREUX, NON FERREUX ET DU GROUPE DU PLATINE
(71) COMMODITIES MANAGEMENT EXCHANGE, INC. [US/US]; 495 Central Avenue, Suite 200, Northfield, IL 60093 (US).
(72) BROWN, A. Demetrius; 521 Sheridan Road, Highland Park, IL 60035 (US). BEARD, Sanford, L.; 2034 Nachtman Court, Wheaton, IL 60187 (US). BROWN, Winifried, B.; 521 Sheridan Road, Highland Park, IL 60035 (US). CARAVIA, Antonio;

4694 Maura Lane, West Bloomfield, MI 48323-3607 (US). **CASTAGNA, Michael, K.**; 928 Elm Street, #1, Winnetka, IL 60093 (US).

(74) **GOEDKEN, James, F.**; Marshall, Gerstein & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 G06F

(11) WO 02/077768 (13) A2

(21) PCT/US02/08832

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/277,651 22 Mar/mar 2001 US (22.03.2001)

(30) 60/322,454 17 Sep/sep 2001 US (17.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS AND SYSTEMS FOR ELECTRONIC MAIL, INTERNET TARGET AND DIRECT MARKETING, AND ELECTRONIC MAIL BANNER

• PROCEDES ET SYSTEMES POUR COURRIER ELECTRONIQUE, CIBLE INTERNET ET MARKETING DIRECT ET BANNIERE DE COURRIER ELECTRONIQUE

(71, 72) **CHUNG, Michael** [US/US]; 211-35 23rd Ave., #1F, Bayside, NY 11360 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 02/077769 (13) A2

(21) PCT/US02/08835

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/277,949 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RESIDENTIAL DELIVERY INDICATOR

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(71) **UNITED STATES POSTAL SERVICE** [US/US]; 475 L'Enfant Plaza, S.W., Washington, DC 20260-1135 (US).

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(72, 75) **GULLO, John, F.** [—/US]; Alexandria, VA (US). **WILSON, James, D.** [US/US]; 512 King Ridge Drive, Collierville, TN 38017-1705 (US). **SNAPP, Robert, F.** [US/US]; 3083 Cyprus Lake Drive, Memphis, TN 38119 (US). **PAYNE, David, J.** [—/US]; Collierville, TN (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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 02/077770 (13) A2

(21) PCT/US02/08940

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,070 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM AND METHOD FOR PROVIDING AUDIT TRACKING

• SYSTEME ET PROCEDE DE REALISATION DE SUIVI DE VERIFICATION

(71) **PRORAIL** [US/US]; 906 Ball Street, Suite 10, Perry, GA 31069 (US).

(72) **WEBER, John, R.**; 1108 Gwen's Trail, Lilburn, GA 30047 (US).

(74) **KAYDEN, James, W.**; Thomas, Kayden, Horstemeyer & Risley, L.L.P., 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 02/077771 (13) A2

(21) PCT/US02/09156

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,290 23 Mar/mar 2001 US (23.03.2001)

(30) 09/927,296 10 Aug/août 2001 US (10.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPUTERIZED SYSTEM FOR COMBINING INSURANCE COMPANY AND CREDIT CARD TRANSACTIONS

• SYSTEME INFORMATIQUE PERMETTANT DE COMBINER DES SERVICES DE COMPAGNIE D'ASSURANCE ET DES TRANSACTIONS DE CARTE DE CREDIT

(71, 72) **THOMAS, James, C., Jr.** [US/US]; 1005 Championship Court, Las Vegas, NV 89134 (US).

(74) **DALY, Thomas, A.**; 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 02/077772 (13) A2

(21) PCT/US02/09274

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,401 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND SYSTEM FOR PLANNING, PERFORMING, AND ASSESSING HIGH-THROUGHPUT SCREENING OF MULTICOMPONENT CHEMICAL COMPOSITIONS AND SOLID FORMS OF COMPOUNDS

• PROCEDE ET SYSTEME SERVANT A PLANIFIER, EXECUTER ET EVALUER UN CRIBLAGE A HAUT RENDEMENT DE COMPOSITIONS CHIMIQUES A CONSTITUANTS MULTIPLES ET DE FORMES SOLIDES DE COMPOSES

(71) **TRANSFORM PHARMACEUTICALS, INC.** [US/US]; 610 Lincoln Street, Waltham, MA 02451 (US).

(72) **LEVINSON, Douglas, A.**; 111 Maple Street, Sherborn, MA 01770 (US). **CHIN, Donovan**; 9 Webb Street, Lexington, MA 02420 (US).

(74) **CORUZZI, Laura, A.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 02/077773 (13) A2

(21) PCT/US02/09315

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/278,755 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ENCRYPTED E-MAIL READER AND RESPONDER SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT

• SYSTEME ET PROCEDE DE LECTEUR ET DE REPONDEUR A DES COURRIELS CRYPTES, PRODUIT DE PROGRAMME D'ORDINATEUR

(71) XANTE CORPORATION [US/US]; 2800 Dauphin Street, Suite 100, Mobile, AL 36606 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROSS, Robert, C., Jr. [US/US]; 2800 Dauphin Street, Suite 100, Mobile, AL 36606 (US).

(74) ALBRECHT, Ralph, P.; VENABLE, BAETJER, HOWARD & CIVILETTI, LLP, 1201 New York Avenue, Suite 1000, P.O. Box 34385, Washington, DC 20043-9998 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G06F

(11) WO 02/077774 (13) A2

(21) PCT/US02/09388

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 09/818,206 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELECTROPHYSIOLOGIC MEASURE OF ENDPOINTS FOR ABLATION LESIONS CREATED IN FIBRILLATING SUBSTRATES

• MESURE D'EXTREMITES ELECTROPHYSIOLOGIQUES DESTINEES A L'ABLATION DE LESIONS CREES DANS DES SUBSTRATS SOUMIS A FIBRILLATION

(71) UAB RESEARCH FOUNDATION [US/US]; 701 S. 20th Street, Suite 1120G, Birmingham, AL 35294 (US). HALL, Jeffrey, A. [US/US]; 104 Maple Trace, Birmingham, AL 35244 (US).

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(72, 75) SANCHEZ, Javier, E. [US/US]; 405 Westwood Place, Homewood, AL 35209 (US). BENSER, Michael, E. [US/US]; 2211 Summer Ridge Drive, Birmingham, AL 35226 (US). IDEKER, Raymond, E. [US/US]; 76 Arlington Crest, 2600 Arlington Avenue South, Birmingham, AL 35205 (US). SMITH, William, M. [US/US]; 1299 Wellington Circle, Birmingham, AL 35243 (US).

(74) MYERS, BIGEL, SIBLEY & SAJOVEC, P.A.; 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 DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 02/077775 (13) A2

(21) PCT/US02/09404

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 09/815,806 23 Mar/mar 2001 (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM FOR AND METHOD OF PROVIDING INTERFACES TO EXISTING COMPUTER APPLICATIONS

• SYSTEME ET PROCEDE D'APPORT D'INTERFACES A DES APPLICATIONS INFORMATIQUES EXISTANTES

(71) ORCHID SYSTEMS, INC. [US/US]; 103 Old Colony Road, Wellesley, MA 02181 (US).

(72) HICKEY, Neil; 4599 Fig Street, Golden, CO 80403-7222 (US).

(74) HAMILTON, John, A.; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 02/077776 (13) A2

(21) PCT/US02/09530

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 09/819,159 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FREE-MARKET ENVIRONMENTAL MANAGEMENT SYSTEM HAVING INSURED CERTIFICATION TO A PROCESS STANDARD

• SYSTEME DE GESTION ECOLOGIQUE LIBERALE CERTIFIEE CONFORME A UNE NORME

(71, 72) VANDE POL, Mark, E. [US/US]; 25150 Mountain Charlie Road, Los Gatos, CA 95033-8320 (US).

(74) BUSH, Kenneth, M.; Sirote & Permutt, P.C., P.O. Box 55727, Birmingham, AL 35255-5727 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 G06F 1/00, H04L 29/06

(11) WO 02/077777 (13) A1

(21) PCT/DK02/00196

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) PA 2001 00488 23 Mar/mar 2001 DK (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD, A SYSTEM AND A NETWORK TERMINAL FOR PROTECTED ENTRY OF DATA

• PROCEDE, SYSTEME ET TERMINAL ASSURANT L'ENTREE SECURISEE DE DONNEES

(71) PSET APS [DK/DK]; Snekkevej 10, DK-4040 Jyllinge (DK).

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(72, 75) RITSLEV, Finn [DK/DK]; Snekkevej 10, DK-4040 Jyllinge (DK). OLSEN, Allan,

Pletner [DK/DK]; Kagerup Stationsvej 43, DK-3200 Helsingør (DK).

(74) RINDORF, Hans, Jørgen; Brydegaardsvej 16, DK-2760 Maalov (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 1/00

(11) WO 02/077778 (13) A2

(21) PCT/EP02/03247

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) PR 3898 22 Mar/mar 2001 AU (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AN ENCRYPTION MODULE
• MODULE DE CHIFFREMENT

(71) ERACOM TECHNOLOGIES AUSTRALIA PTY LTD [AU/AU]; 28 Greg Chappel Drive, Burleigh Heads, Queensland, 4220 (AU). ERACOM TECHNOLOGIES AG [DE/DE]; Muthmannstrasse 1, 80939 München (DE).

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(72, 75) JACKSON, Michael, John [AU/AU]; 28 Greg Chappel Drive, Burleigh Heads, Queensland, 4220 (AU).

(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 CH CY DE DK ES FI FR GB GR IE 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 :

(t) for all designations / pour toutes les désignations

(51)⁷ G06F 1/00

(11) WO 02/077779 (13) A2

(21) PCT/US02/03591

(22) 6 Feb/fév 2002 (06.02.2002)

(25) en (26) en

(30) 09/814,601 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SECURELY DISTRIBUTING SOFTWARE COMPONENTS ON A NETWORK

• DISTRIBUTION SECURISÉE DE COMPOSANTS DE LOGICIELS DANS UN RESEAU

(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) LYNN, James, T.; 23813 SE 45th Street, Issaquah, WA 98029 (US). SHANEYFELT, Todd, C.; 4575 East Chisum Trail, Phoenix, AZ 85050 (US). SMITH, Michael, T.; 945 West Meseto Avenue, Mesa, AZ 85210 (US). GREENWOOD, Jr., James, E.; 8414 East Redwing Road, Scottsdale, AZ 85250 (US).

(74) KOCH, William, E. et al. / etc.; Portfolio Manager - Motorola Labs, 3102 North 56th Street, AZ11/56-238, PHOENIX, AZ 85018-6606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 1/00

(11) WO 02/077780 (13) A2

(21) PCT/US02/06806

(22) 5 Mar/mar 2002 (05.03.2002)

(25) en (26) en

(30) 09/817,631 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM AND METHOD FOR STORING AND ACCESSING DIGITAL MEDIA CONTENT USING SMART CARD TECHNOLOGY

• SYSTEME ET PROCÉDE PERMETTANT DE STOCKER UN CONTENU MULTIMÉDIA NUMÉRIQUE ET D'ACCÉDER À CE DERNIER À L'AIDE DE LA TECHNOLOGIE CARTE À PUCE

(71) SUN MICROSYSTEMS, INC. [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).

(72) KOCH, Mark, J.; 10924 West 100th Drive, Westminster, CO 80021 (US).

(74) CANNING, Kevin, J. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 1/16, A45C 5/12, B65D 85/38

(11) WO 02/077781 (13) A1

(21) PCT/US01/09063

(22) 22 Mar/mar 2001 (22.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CARRYING CASE HAVING PLUG-IN CONNECTOR AND SWITCH MODULES FOR A COMPACT PORTABLE COMPUTER WORKSTATION

• MALLETTTE DE TRANSPORT DOTÉE DE MODULES DE CONNEXION ET DE COMMUTATION ENFICHABLES POUR STATION DE TRAVAIL INFORMATIQUE PORTABLE COMPACTE

(71) THE I.D.E.A. CORPORATION [US/US]; 480 North 17th Street, Las Cruces, NM 88005 (US).

(72) HARVEY, Stephen; 3851 Snow Road, Las Cruces, NM 88005 (US).

(74) FISCHER, Morland, C.; 2030 Main Street, #1050, Irvine, CA 92614 (US).

(81) CA JP RU.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06F 3/00

(11) WO 02/077782 (13) A2

(21) PCT/DK02/00199

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,995 27 Mar/mar 2001 US (27.03.2001)

(30) 10/105,556 25 Mar/mar 2002 US (25.03.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD, SYSTEM AND STORAGE MEDIUM FOR AN ICONIC LANGUAGE COMMUNICATION TOOL

• PROCÉDE, SYSTEME ET SUPPORT DE STOCKAGE POUR OUTIL DE COMMUNICATION PAR ICONES

(71) LEGO A/S [DK/DK]; Aastvej 1, DK-7190 Dillund (DK).

(for all designated States except / pour tous les États désignés sauf AU BR CA CN GB IE IN MX NZ SG US)

(71) INTERLEGO AG [CH/CH]; Neuhofstrasse 21, CH-6340 Baar (CH).

(only for / seulement pour AU BR CA CN GB IE IN MX NZ SG)

(72, 75) TVESKOV, Bjarne [DK/DK]; Baunegaardsvej 62, Snoghøj, DK-7000 Fredericia (DK).

- (74) HOFMAN-BANG ZACCO A/S; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).
- (81) AE AG AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 3/00, 3/033, H04M 1/247, 1/23
 (11) WO 02/077783 (13) A1
 (21) PCT/JP02/02697
 (22) 20 Mar/mar 2002 (20.03.2002)
 (25) ja (26) ja
 (30) 2001-85313 23 Mar/mar 2001 JP (23.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • MOBILE COMMUNICATION TERMINAL
 • TERMINAL DE COMMUNICATION MOBILE
- (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) MORI, Akitoshi [JP/JP]; 649-1-101, Ichigao-cho, Aoba-ku, Yokohama-shi, Kanagawa 225-0024 (JP). OTSUKI, Susumu [JP/JP]; 2-23-12, Sakuramori, Yamato-shi, Kanagawa 242-0028 (JP). TOYODA, Ryuichi [JP/JP]; 7-17-13, Baba, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0076 (JP). MORIMOTO, Kenji [JP/JP]; 1-40-12, Minaminakafuri, Hirakata-shi, Osaka 573-0094 (JP).
- (74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 3/033
 (11) WO 02/077784 (13) A1
 (21) PCT/EP01/14827
- (22) 14 Dec/déc 2001 (14.12.2001)
 (25) en (26) en
 (30) 01107374.9 26 Mar/mar 2001 EP (26.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • METHOD AND COMPUTER SYSTEM FOR EXECUTING FUNCTIONS FOR OBJECTS BASED ON THE MOVEMENT OF AN INPUT DEVICE
 • PROCEDE ET SYSTEME INFORMATIQUE PERMETTANT D'EXECUTER DES FONCTIONS POUR DES OBJETS, EN FONCTION DU MOUVEMENT D'UN DISPOSITIF D'ENTREE
- (71) SAP AKTIENGESELLSCHAFT [DE/DE]; Neurottstrasse 16, 69190 Wall-dorf (DE).
- (72) ROJEWski, Erwin; Grötzingenstrasse 52, 76227 Karlsruhe (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 3/033
 (11) WO 02/077785 (13) A2
 (21) PCT/IB02/00674
 (22) 4 Mar/mar 2002 (04.03.2002)
 (25) en (26) en
 (30) 09/814,900 22 Mar/mar 2001 US (22.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • TWO-WAY PRESENTATION DISPLAY SYSTEM
 • SYSTEME D'AFFICHAGE A PRESENTATION BIDIRECTIONNELLE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) BRUNING, Gert, W.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) 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 G06F 3/033, 3/023
 (11) WO 02/077786 (13) A1
 (21) PCT/JP02/02781
 (22) 22 Mar/mar 2002 (22.03.2002)
 (25) ja (26) ja
 (30) 2001-81792 22 Mar/mar 2001 JP (22.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • INFORMATION INPUT DEVICE
- DISPOSITIF D'ENTREE DE DONNEES
- (71, 72) KUMAZAWA, Itsuo [JP/JP]; 1266, Kagawa, Chigasaki-shi, Kanagawa 253-0082 (JP).
- (74) HONJO, Takeo; Minamisenba-takahashi Bldg., 7-11, Minami-senba 2-chome, Chuo-ku, Osaka-shi, Osaka 542-0081 (JP).
- (81) CA CH CN DE FI GB KR SE 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)
 Declaration / Déclaration :
 (u) for / pour US only / seulement
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- (51)⁷ G06F 3/06
 (11) WO 02/077787 (13) A2
 (21) PCT/US02/04335
 (22) 14 Feb/fév 2002 (14.02.2002)
 (25) en (26) en
 (30) 09/813,472 21 Mar/mar 2001 US (21.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • METHOD, APPARATUS, AND SYSTEM TO ENHANCE AN INTERFACE OF A FLASH MEMORY DEVICE
 • PROCEDE, DISPOSITIF ET SYSTEME PERMETTANT DE RENFORCER UNE INTERFACE D'UNE MEMOIRE FLASH
- (71) INTEL CORPORATION (a Delaware Corporation) [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) SEE, Deborah; 5880 October Hill Road, Placerville, CA 95667 (US). GARNER, Richard; 4860 Trails End Road, Cameron Park, CA 95682 (US). KENDALL, Terry; 5310 King Martens Court, Placerville, CA 95667 (US). BRIDGEWATER, James; 402 Hansen Circle, Folsom, CA 95630 (US).
- (74) MALLIE, Michael, J.; Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 3/14, 1/20, 9/46
 (11) WO 02/077788 (13) A1
 (21) PCT/GB02/01189
 (22) 25 Mar/mar 2002 (25.03.2002)
 (25) en (26) en
 (30) 0107458.2 24 Mar/mar 2001 GB (24.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • COMPUTER SYSTEM WITH PLURALITY OF DISPLAY DEVICES

• SYSTEME D'ORDINATEUR AVEC PLUSIEURS DISPOSITIFS D'AFFICHAGE

(71, 72) EDWARDS, Michael [GB/GB]; 44 Western Way, Letchworth Garden City, Hertfordshire SG6 4SJ (GB).

(72, 75) PATTERSON, Simon, David [GB/GB]; 70 Skipton Close, Stevenage, Hertfordshire SG2 8TW (GB).

(74) BURROWS, Anthony, Gregory; Business Centre West, Avenue One, Business Park, Letchworth Garden City, Hertfordshire SG6 2HB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G06F 3/14

(11) WO 02/077789 (13) A1

(21) PCT/KR02/00512

(22) 25 Mar/mar 2002 (25.03.2002)

(25) ko (26) en

(30) 2001/15800 26 Mar/mar 2001 KR (26.03.2001)

(30) 2002/14567 18 Mar/mar 2002 KR (18.03.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MULTIMEDIA CALENDAR SYSTEM
• SYSTEME DE CALENDRIER MULTIMEDIA

(71, 72) AN, Hyun-gi [KR/KR]; 103-502, Indokwon Daewoo Apt., 75-2, Pyongchon-Dong, Dongan-Gu, Anyang-Si, Kyunggi-Do 431-070 (KR).

(74) L & K PATENT FIRM; 701, Daekun Bldg., 822-5, Yeoksam-Dong, Kangnam-Gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 3/16

(11) WO 02/077790 (13) A2

(21) PCT/JP02/02584

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en

(26) en

(30) 2001-083038 22 Mar/mar 2001 JP (22.03.2001)

(30) 2001-386192 19 Dec/déc 2001 JP (19.12.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INFORMATION PROCESSING APPARATUS AND METHOD, AND PROGRAM

• APPAREIL ET PROCÉDE DE TRAITEMENT DE L'INFORMATION, ET PROGRAMME Y RELATIF

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).

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(72, 75) SAKAI, Keiichi [JP/JP]; 3-7-4-102, Nakanoshima, Tama-ku, Kawasaki-shi, Kanagawa 214-0012 (JP). KOSAKA, Tetsuo [JP/JP]; 1-4-4, Tatsunodai, Zama-shi, Kanagawa 228-0023 (JP).

(74) OHTSUKA, Yasunori; 7th FL., SHUWA KIOICHO PARK BLDG., 3-6, KIOICHO, CHIYODA-KU, Tokyo 102-0094 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 3/16

(11) WO 02/077791 (13) A2

(21) PCT/US02/08728

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/818,333 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF AND SYSTEM FOR REMOTELY INVOKING PROCESSING TASKS AT A TASK PROCESSOR THROUGH VOICE COMMANDS FROM A TERMINAL DEVICE

• PROCÉDE ET SYSTEME D'APPEL A DISTANCE DE TACHES DE TRAITEMENT AU NIVEAU D'UN PROCESSEUR DE TACHES PAR LE BIAIS DE COMMANDES VOCALES A PARTIR D'UN DISPOSITIF TERMINAL

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(72) BERTINO, Jeffrey, S.; 13938 Carriage Road, Poway, CA 92064 (US).

(74) WADSWORTH, Philip, R. et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 7/00

(11) WO 02/077792 (13) A2

(21) PCT/GB02/01343

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 0107212.3 22 Mar/mar 2001 GB (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A MULTIPLICATION LOGIC CIRCUIT
• CIRCUIT LOGIQUE DE MULTIPLICATION

(63) US 09/898,752 (CIP) 3 Jul/juil 2001 (03.07.2001)

(71) AUTOMATIC PARALLEL DESIGNS LIMITED [GB/GB]; 7200 The Quorum, Oxford Business Park, Oxford, Oxfordshire OX4 2JZ (GB).

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(74) COLLINS, John, David; Marks & Clerk, 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 7/00, 11/30, 12/14, 15/00, 15/16, 15/173, 17/00, 17/21, 17/24, H04L 9/00, 9/32

(11) WO 02/077793 (13) A1

(21) PCT/US01/09628

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEFINING CONTENT ZONES
• DDEFINITION DE ZONES DE CONTENU

(71) GEO TRUST, INC. [US/US]; 700 NE Mulnomah, Suite 1650, Portland, OR 97232 (US).

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- (72, 75) **COULTHARD, Christopher, M.** [GB/US]; 88 Park Ave., #402, Arlington, MA 02476 (US). **MCLEOD, Scott, C.** [US/US]; 24 Carriage Drive, Chelmsford, MA 01824 (US). **NORMAN, Peter, D.** [US/US]; 56 Palmer Street, Arlington, MA 02174 (US). **WILLOUGHBY, Kevin** [US/US]; 10 Church Street, Framingham, MA 07102 (US).
- (74) **CANNAVALE, Stephen**; Goodwin Procter LLP, 7 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 7/00

- (11) **WO 02/077794** (13) A2
- (21) PCT/US02/08815
- (22) **21 Mar/mar 2002 (21.03.2002)**
- (25) en (26) en
- (30) 09/816,851 **23 Mar/mar 2001 US (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • STORAGE SYSTEM FOR USE IN CUSTOM LOOP ACCELERATORS AND THE LIKE
- SYSTEME MEMOIRE POUR ACCELERATEURS DE BOUCLES SUR MEASURE ET ANALOGUE
- (71) **HEWLETT-PACKARD COMPANY** [US/US]; Legal Department, 3000 Hanover Street, M/S 1051, Palo Alto, CA 94304-1112 (US).
- (72) **SCHLANSKER, Michael**; 409 La Prenda, Los Alto, CA 94024 (US). **GUPTA, Shail, A.**; 1035 Aster Avenue #1213, Sunnyvale, CA 94086 (US).
- (74) **SCHUYLER, Marc, P.**; Hewlett-Packard Company, IPA, P.O. Box 272400, M/S 35, Fort Collins, CO 80527-2400 (US).
- (81) JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06F 7/38, 7/52

- (11) **WO 02/077795** (13) A1
- (21) PCT/US02/08912
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) en (26) en
- (30) 09/816,857 **22 Mar/mar 2001 US (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • QUANTIZATION DEVICE AND METHOD USING PRIME NUMBER DIVIDERS

• DISPOSITIF DE QUANTIFICATION ET PROCEDE UTILISANT DES DIVISEURS NOMBRES PREMIERS

- (71) **TELEMAN MULTIMEDIA, INC.** [US/US]; 2130 Gold Street #250, P.O. Box 1180, Alviso, CA 95002 (US).
- (72) **HONG, John, S.**; 2690 Ohlone Drive, San Jose, CA 95132 (US).
- (74) **MILLERS, David**; Patent Law Offices of David Millers, 6560 Ashfield Court, San Jose, CA 95120 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G06F 7/50

- (11) **WO 02/077796** (13) A1
- (21) PCT/GB02/01180
- (22) **26 Mar/mar 2002 (26.03.2002)**
- (25) en (26) en
- (30) 0107649.6 **27 Mar/mar 2001 GB (27.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • LOGIC CIRCUIT FOR PERFORMING BINARY ADDITION OR SUBTRACTION
- CIRCUIT LOGIQUE POUR EXECUTION D'UNE ADDITION OU D'UNE SOUSTRACTION BINAIRE

(71) **AUTOMATIC PARALLEL DESIGNS LIMITED** [GB/GB]; 7200 The Quorum, Oxford Business Park, Oxford, Oxfordshire OX4 2JZ (GB).

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- (72, 75) **RUMYNIN, Dmitriy** [RU/GB]; 258 Sir Henry Parkes Road, Coventry CV4 8GG (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 TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G06F 7/556

- (11) **WO 02/077797** (13) A1
- (21) PCT/US02/06629
- (22) **5 Mar/mar 2002 (05.03.2002)**
- (25) en (26) en
- (30) 09/815,033 **22 Mar/mar 2001 US (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PRODUCING A LOGARITHMIC SIGNAL APPROXIMATION WITH VAIRABLE PRECISION
- SYSTEME ET PROCEDE RAPIDES DE PRODUCTION D'UNE APPROXIMATION DE SIGNAL LOGARITHMIQUE DE PRECISION VARIABLE
- (71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **CHATTERJEE, Manjirath**; 247 Arriba #9, Sunnyvale, CA 94086 (US).
- (74) **VAAAS, Randall S., et al. / etc.**; 600 North US Highway 45, AN475, Libertyville, IL 60048 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 9/06, 9/445

- (11) **WO 02/077798** (13) A1
- (21) PCT/JP02/01407
- (22) **19 Feb/fév 2002 (19.02.2002)**
- (25) ja (26) ja
- (30) 2001-91274 **27 Mar/mar 2001 JP (27.03.2001)**
- (30) 2001-336040 **1 Nov/nov 2001 JP (01.11.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DATA PROCESSING SYSTEM AND DATA PROCESSING METHOD, INFORMATION PROCESSING DEVICE AND INFORMATION PROCESSING METHOD, AND STORAGE MEDIUM
- SYSTEME ET DISPOSITIF DE TRAITEMENT DE DONNEES, DISPOSITIF ET PROCEDE DE TRAITEMENT D'INFORMATIONS, ET SUPPORT DE STOCKAGE
- (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) **GAMO, Tsutomu** [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., 6F, 1-7, Shintomi 1-chome, Chuo-ku, Tokyo 104-0041 (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 G06F 9/38, 9/30

(11) WO 02/077799 (13) A1

(21) PCT/EP01/03282

(22) 22 Mar/mar 2001 (22.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • PROGRAM-CONTROLLED UNIT EMPLOYING A STOP INSTRUCTION
- UNITE COMMANDEE PAR PROGRAMME UTILISANT UNE INSTRUCTION D'ARRET

(71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE). STMICROELECTRONIKS S.A. [FR/FR]; 850, rue Jean Monnet, F-38926 Crolles Cedex (FR).
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(72, 75) SONNEKALB, Steffen [DE/DE]; Kreillerstrasse 51, 81673 München (DE).

(74) JANNIG, Peter et al. / etc.; Jannig & Repkow, Klausenberg 20, 86199 Augsburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G06F 9/38

(11) WO 02/077800 (13) A2

(21) PCT/US02/07071

(22) 7 Mar/mar 2002 (07.03.2002)

(25) en (26) en

(30) 09/816,291 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • SCOREBOARD FOR SCHEDULING OF INSTRUCTIONS IN A MICROPROCESSOR THAT PROVIDES OUT OF ORDER EXECUTION

- TABLEAU D'ÉVALUATION SERVANT A PROGRAMMER DES INSTRUCTIONS DANS UN MICROPROCESSEUR EXECUTANT DES INSTRUCTIONS IRREGULIERES

(71) SUN MICROSYSTEMS, INC. [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).

(72) LEIBHOLZ, Daniel; 191 Valentine Street, Newton, MA 02465 (US). KONGETIRA, Poonacha; 201 Mckendry Drive, Menlo Park, CA 94025 (US).

(74) CANNING, Kevin, J. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 9/40

(11) WO 02/077801 (13) A2

(21) PCT/FR02/00864

(22) 11 Mar/mar 2002 (11.03.2002)

(25) fr (26) fr

(30) 01/03334 12 Mar/mar 2001 FR (12.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • TIME MANAGEMENT METHOD AND SYSTEM IN A REAL-TIME SYSTEM
- PROCEDE ET SYSTEME DE GESTION DU TEMPS DANS UN SYSTEME TEMPS REEL

(71) CENTRE NATIONAL D'ÉTUDES SPATIALES [FR/FR]; 2, place Maurice Quentin, F-75039 Paris Cedex 01 (FR).
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(72, 75) BOSSARD, François [FR/FR]; 77, Route de Blagnac, F-31200 Toulouse (FR).

(74) DE ROQUEMAUREL, Bruno et al. / etc.; Novagraaf Technologies, 122, rue Edouard Vaillant, F-92593 Levallois Perret Cedex (FR).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06F 9/44

(11) WO 02/077802 (13) A1

(21) PCT/JP02/02888

(22) 25 Mar/mar 2002 (25.03.2002)

(25) ja (26) ja

(30) 2001-88850 26 Mar/mar 2001 JP (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • FUNCTION EXECUTING METHOD, FUNCTION EXECUTING DEVICE, COMPUTER PROGRAM AND RECORDING MEDIUM

- PROCEDE D'EXECUTION D'UNE FONCTION, DISPOSITIF D'EXECUTION D'UNE FONCTION, PROGRAMME INFORMATIQUE ET SUPPORT D'ENREGISTREMENT

(71) KANSAI TECHNOLOGY LICENSING ORGANIZATION CO.,LTD. [JP/JP]; 1, Chudoji Awata-cho, Shimogyo-ku, Kyoto-shi, Kyoto 600-8815 (JP).
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(72, 75) YAMAMOTO, Akishige [JP/JP]; C/O Mathematical Systems Inc., 10F Four Season BLDG. 2-4-3 Shinjuku, Shinjuku-ku, Tokyo 160-0022 (JP). YUASA, Taiichi [JP/JP]; C/O Kyoto University, Yoshidahonmachi Sakyo-ku, Kyoto-shi, Kyoto 606-8501 (JP).

(74) KOHNO, Takao; C/O KOHNO PATENT OFFICE, 4-3, Tsuriganecho 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0035 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06F 9/44

(11) WO 02/077803 (13) A1

(21) PCT/US02/08544

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(30) 09/816,797 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • METHOD AND APPARATUS FOR DYNAMIC ASSEMBLY AND VERIFICATION OF SOFTWARE COMPONENTS INTO FLEXIBLE APPLICATIONS
- PROCEDE ET DISPOSITIF DE MONTAGE DYNAMIQUE ET DE VERIFICATION DE COMPOSANTS LOGICIELS DANS DES APPLICATIONS FLEXIBLES

(71) RADIOCOSM, INC. [US/US]; 1916 Old Middlefield Way, Suite C, Mountain View, CA 94043 (US).

(72) LINTON, Samuel, W.; 959 Primrose Avenue, Sunnyvale, CA 94086 (US). WALLERIU, John, W.; 1125 Prescott Avenue, Sunnyvale, CA 94089 (US). SUSSMAN, Myles, A.; 1210 F. Vicente Drive, Sunnyvale, CA 94086 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 9/445

(11) WO 02/077804 (13) A2

(21) PCT/US02/08735

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

- (30) 09/818,097 **26 Mar/mar 2001** US
(26.03.2001) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • TECHNIQUES FOR LOADING CLASS FILES INTO VIRTUAL MACHINES
• PROCEDES DE CHARGEMENT DE FICHIERS DE CLASSE DANS DES MACHINES VIRTUELLES
- (71) SUN MICROSYSTEMS, INC. [US/US]; M/S: UPAL01-521, 901 San Antonio Road, Palo Alto, CA 94303 (US).
- (72) SOKOLOV, Stepan; 34832 Dorado Common, Fremont, CA 94555 (US). WALLMAN, David; 777 S. Mathilda Avenue #266, Sunnyvale, CA 94087 (US).
- (74) OLYNICK, Mary, R.; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 9/445
(11) WO 02/077805 (13) A2
(21) PCT/US02/08757
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 09/818,096 **26 Mar/mar 2001** US
(26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • LOADING ATTRIBUTE FOR PARTIAL LOADING OF CLASS FILES INTO VIRTUAL MACHINES
• ATTRIBUT DE CHARGEMENT POUR LE CHARGEMENT PARTIEL DE FICHIERS DE CLASSES DANS DES MACHINES VIRTUELLES
- (71) SUN MICROSYSTEMS, INC. [US/US]; 901 San Antonio Road, M/S: PAL01-521, Palo Alto, CA 94303 (US).
- (72) SOKOLOV, Stepan; 34832 Dorado Common, Fremont, CA 94555 (US). WALLMAN, David; 777 S. Mathilda Ave. #266, Sunnyvale, CA 94087 (US).
- (74) OLYNICK, Mary, R.; Beyer Weaver & Thomas, Llp, P.O. Box 778, Berkeley, CA 94704-0778 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 9/455
(11) WO 02/077807 (13) A1
(21) PCT/US02/09719
(22) 27 Mar/mar 2002 (27.03.2002)
(25) en (26) en
(30) 09/819,120 **27 Mar/mar 2001** US
(27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • REDUCED INSTRUCTION SET FOR JAVA VIRTUAL MACHINES
• ENSEMBLE REDUIT D'INSTRUCTIONS POUR MACHINES VIRTUELLES JAVA
- (71) SUN MICROSYSTEMS, INC. [US/US]; M/S: UPAL01-521, 901 San Antonio Road, Palo Alto, CA 94303 (US).
- (72) SOKOLOV, Stepan; 34832 Dorado Common, Fremont, CA 94555 (US). WALLMAN, David; 777 S. Mathilda Avenue #266, Sunnyvale, CA 94087 (US).
- (74) VILLENEUVE, Joseph, M.; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM
- HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
-
- (51)⁷ G06F 9/455
(11) WO 02/077806 (13) A1
(21) PCT/US02/09418
(22) 27 Mar/mar 2002 (27.03.2002)
(25) en (26) en
(30) 09/820,097 **27 Mar/mar 2001** US
(27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ENHANCED JAVA MACHINE INSTRUCTIONS
• INSTRUCTIONS DE MACHINE JAVA AMELIOREES
- (71) SUN MICROSYSTEMS, INC. [US/US]; 901 San Antonio Road, M/S: UPAL01-521, Palo Alto, CA 94303 (US).
- (72) SOKOLOV, Stepan; 34832 Dorado Common, Fremont, CA 94555 (US). WALLMAN, David; 777 S. Mathilda Ave. #266, Sunnyvale, CA 94087 (US).
- (74) OLYNICK, Mary, R.; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 9/46
(11) WO 02/077808 (13) A2
(21) PCT/GB02/01461
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 01480025.4 **26 Mar/mar 2001** EP
(26.03.2001)
(30) 01401351.0 **22 May/mai 2001** EP
(22.05.2001)
(30) 01401767.7 **3 Jul/juil 2001** EP
(03.07.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • BROADBAND COMMUNICATIONS
• COMMUNICATIONS A LARGE BANDE
- (71) IMAGINE BROADBAND LIMITED [GB/GB]; Carmelite, 50 Victoria Embankment, Blackfriars, London EC4Y 0DX (GB). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MCKEOWN, Jean, Christophe [FR/FR]; 18, Domaine de Snanque, F-06210 Mandelieu (FR). CHABRIER, Henri [FR/FR]; Imagine Broadband Sarl, 1230, route de la Mer, F-06410 Biot (FR).
- (74) KAZI, Ilya et al. / etc.; Mathys & Squire, 100 Grays Inn Road, London WC1X 8AL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 9/46
(11) WO 02/077809 (13) A2
(21) PCT/IB02/00963
(22) 27 Mar/mar 2002 (27.03.2002)
(25) en (26) en
(30) 09/817,166 **27 Mar/mar 2001** US
(27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SECURE CREATION AND DISTRIBUTION OF INSTRUCTIONS TO UNIQUELY SUPPORT NETWORK APPLICATIONS

- CREATION ET DISTRIBUTION D'INSTRUCTIONS SECURISEES DESTINEES UNIQUEMENT A DES APPLICATIONS RESEAU
- (71) **iSOURCE CONCEPTS, INC.** [CA/CA]; 720 Spadina Avenue, Suite 310, Toronto, Ontario M5S 2T9 (CA).
- (72) **WONG, Thomas**; 12 Silverwood Avenue, Toronto, Ontario M5P 1W4 (CA). **HELGASON, Gunnar, J.**; 1516 Telephone Road, R.R. #5, Colborne, Ontario K0K 1S0 (CA). **BENDA, Tomas**; 16 Hartford Avenue, Toronto, Ontario M4L 1N9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ G06F 9/46, 11/30
- (11) **WO 02/077810** (13) A1
- (21) PCT/SE02/00561
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) sv (26) en
- (30) 0101064-4 **26 Mar/mar 2001 SE (26.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • AN INTEGRATED CIRCUIT
• CIRCUIT INTEGRE

- (71) **RFO REALFAST OPERATING SYSTEMS AB** [SE/SE]; Sintervägen 14, S-721 30 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EL SHOBAKI, Mohammed** [SE/SE]; Hantverkargatan 11, S-722 12 Västerås (SE).
- (74) **REYIER, Ann-Mari et al.** / etc.; Bjerkéns Patentbyrå KB, Box 128, S-721 05 Västerås (SE).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 9/46
- (11) **WO 02/077811** (13) A2
- (21) PCT/US02/08514
- (22) **19 Mar/mar 2002 (19.03.2002)**
- (25) en (26) en
- (30) 09/813,487 **21 Mar/mar 2001 US (21.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND APPARATUS FOR DISTRIBUTED ADMINISTRATION OF THIN CLIENT ARCHITECTURE
• PROCÉDÉ ET APPAREIL D'ADMINISTRATION D'UNE ARCHITECTURE DE CLIENTS DE FAIBLE ÉPAISSEUR
- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, MS PAL01-521, Palo Alto, CA 94303 (US).
- (72) **LEE, Gene, F.**; 1564 Ernestine Lane, Mountain View, CA 94040 (US). **LOPATA, David, C.**; 5323 Under Way, Sugar Hill, GA 30518 (US). **GREENBERG, John, F.**; 20 Old Cross Road, Warwick, NY 10990 (US).
- (74) **BERLINER, Brian, M. et al.** / etc.; O'Melveny & Myers, 400 South Hope Street, Los Angeles, CA 90071-2899 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 G06F 9/46
- (11) **WO 02/077812** (13) A2
- (21) PCT/US02/08530
- (22) **19 Mar/mar 2002 (19.03.2002)**
- (25) en (26) en
- (30) 09/816,996 **22 Mar/mar 2001 US (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND APPARATUS FOR MIGRATION OF OPEN NETWORK CONNECTIONS
• PROCEDE ET DISPOSITIF DE MIGRATION DE CONNEXIONS DE RESEAUX OUVERTS
- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, MS PAL01-521, Palo Alto, CA 94303 (US).
- (72) **SCHMIDT, Brian, K.**; 247D Andsbury Avenue, Mountain View, CA 94043 (US). **HANKO, James, G.**; 2746 Ohio Avenue, Redwood City, CA 94061-3238 (US).
- (74) **BERLINER, Brian, M. et al.** / etc.; O'Melveny & Myers, 400 South Hope Street, Los Angeles, CA 90071-2899 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- 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 G06F 9/46
- (11) **WO 02/077813** (13) A2
- (21) PCT/US02/08810
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) en (26) en
- (30) 60/278,212 **23 Mar/mar 2001 US (23.03.2001)**
- (30) 60/299,555 **19 Jun/juin 2001 US (19.06.2001)**
- (30) 60/363,436 **11 Mar/mar 2002 US (11.03.2002)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DEVELOPMENT AND TESTING SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE DEVELOPPEMENT ET DE TEST
- (71) **S2 TECHNOLOGIES, INC.** [US/US]; 2031 San Elijo Avenue, Cardiff, CA 92007 (US).
- (72) **UNDERSETH, Mark**; 3420 Camino Alegre, Carlsbad, CA 92009 (US). **HANDA, Brad**; 3919 Corte Mar de Brisa, San Diego, CA 92130 (US). **TRAN, Peter**; 5930 Lana Drive, San Diego, CA 92117 (US). **HOWELL, Robert**; 12872 Salmon River Road, San Diego, CA 92129 (US). **FERTITTA, Kirk**; 3435 Lebon Drive, #1134, San Diego, CA 92122 (US). **VALOIS, Hugues**; 11078 Caminito Alvarez, San Diego, CA 92126 (US).
- (74) **HUNT, Dale, C.**; Knobbe, Martens, Olson & Bear, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 9/46
- (11) **WO 02/077814** (13) A2
- (21) PCT/US02/08849
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) en (26) en

- (30) 09/818,214 **26 Mar/mar 2001** US
(26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND APPARATUS FOR MANAGING REPLICATED AND MIGRATION CAPABLE SESSION STATE FOR A JAVA PLATFORM
- PROCEDE ET DISPOSITIF SERVANT A GERER UN ETAT DE SESSION REPLIQUE ET CAPABLE DE MIGRATION POUR UNE PLATE-FORME JAVA
- (71) SUN MICROSYSTEMS, INC. [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).
- (72) SHARMA, Rahul; 3267 Montelena Drive, San Jose, CA 95135 (US). MATENA, Vladimir; 1322 Kentfield Avenue, Redwood City, CA 94061 (US). MORTAZAVI, Masood; 1047 November Drive, Cupertino, CA 95014 (US). KRISHNAN, Sanjeev; 19932 Portal Plaza, Cupertino, CA 95014 (US).
- (74) BROCK, Joe, A., II; 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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 9/46
- (11) WO 02/077815 (13) A2
- (21) PCT/US02/09241
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) en (26) en
- (30) 09/815,805 **23 Mar/mar 2001** US
(23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SYSTEM FOR AND METHOD OF AUTOMATICALLY MIGRATING DATA AMONG MULTIPLE LEGACY APPLICATIONS AND ACCESSIBLE STORAGE FORMATS
- SYSTEME ET PROCEDE DE MIGRATION AUTOMATIQUE DE DONNEES PARMY DES APPLICATIONS MULTIPLES A CHAMP PARTAGE ET FORMATS DE MEMOIRE ACCESSIBLES
- (71) ORCHID SYSTEMS, INC. [US/US]; 103 Old Colony Road, Wellesley, MA 02181 (US).
- (72) HICKEY, Neil; 4599 Fig Street, Golden, CO (US).
- (74) HAMILTON, John, A.; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO
- RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 9/50, 17/60
- (11) WO 02/077816 (13) A1
- (21) PCT/US01/09081
- (22) 21 Mar/mar 2001 (21.03.2001)
- (25) en (26) en
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • INTELLIGENT SOFTWARE AGENT SYSTEM ARCHITECTURE
- ARCHITECTURE A SYSTÈME D'AGENTS LOGICIELS INTELLIGENTS
- (71) BOT, INC. [US/US]; 1510 Alaskan Way, Seattle, WA 98101 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) USZOK, Andrzej [PL/PL]; ul. Mikolowska 185, PL-43-187 Orzesze (PL). KUNSTMAN, Pawel [PL/PL]; ul. Lea 151, PL-30-133 Krakow (PL).
- (74) FINE, Dan; 22450 Dogwood Lane, Woodway, WA 98020 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY 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).
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- (51)⁷ G06F 11/00
- (11) WO 02/077817 (13) A2
- (21) PCT/US02/00917
- (22) 14 Jan/jan 2002 (14.01.2002)
- (25) en (26) en
- (30) 09/815,772 **22 Mar/mar 2001** US
(22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • HYBRID SWITCHING ARCHITECTURE
- ARCHITECTURE DE COMMUTATION HYBRIDE
- (71) I-BUS/PHOENIX, INCORPORATED [US/US]; 8888 Balboa, San Diego, CA 92123 (US).
- (72) CHAN, Johni; 7496 Vista Rancho Court, Rancho Santa Fe, CA 92067 (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
- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).
-
- (51)⁷ G06F 11/20
- (11) WO 02/077818 (13) A1
- (21) PCT/JP02/00769
- (22) 31 Jan/jan 2002 (31.01.2002)
- (25) ja (26) ja
- (30) 2001-88920 **26 Mar/mar 2001** JP
(26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SERVER DUPLEXING METHOD AND DUPLEXED SERVER SYSTEM
- PROCEDE DE DUPLEXAGE DE SERVEURS ET SYSTEME DE SERVEURS DUPLEXES
- (71) DUAXES CORPORATION [JP/JP]; 22-2, Shinkawa 2-chome, Chuo-ku, Tokyo 104-0033 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) NAGOYA, Mitsugu [JP/JP]; c/o Duaxes Corporation, 22-2, Shinkawa 2-chome, Chuo-ku, Tokyo 104-0033 (JP).
- (74) SUZUKI, Hitoshi; Nakano JM Bldg. 5th Floor, 28-1, Nakano 2-chome, Nakano-ku, Tokyo 164-0001 (JP).
- (81) CA KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (a)
-
- (51)⁷ G06F 11/30, 12/14, 15/16, 15/173, H04L 9/00, 9/32, H04K 1/00
- (11) WO 02/077819 (13) A1
- (21) PCT/US02/08552
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) en (26) en
- (30) 09/814,091 **21 Mar/mar 2001** US
(21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ACCESS SYSTEM INTERFACE
- INTERFACE DE SYSTEME D'ACCES
- (71) OBLIX, INC. [US/US]; 18922 Forge Drive, Cupertino, CA 95014 (US).
- (72) KNOUSE, Charles, W.; 285 Jagers Drive, San Jose, CA 95119 (US). GUPTA, Minoo; 18552 Favre Ridge Road, Los Gatos, CA 95033 (US).
- (74) MAGEN, Burt; Vierra Magen Marcus Harmon & DeNiro LLP, 685 Market Street, Suite 540, San Francisco, CA 94105-4206 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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).

Published / Publiée : (c)

(51)⁷ G06F 11/30, H04L 9/00

(11) WO 02/077820 (13) A1

(21) PCT/US02/08986

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/278,450 26 Mar/mar 2001 US
(26.03.2001)

(30) 60/300,531 25 Jun/juin 2001 US
(25.06.2001)

(30) 09/911,092 23 Jul/juil 2001 US
(23.07.2001)

(30) 10/055,028 23 Jan/jan 2002 US
(23.01.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS AND SYSTEMS FOR EN-
ABLING SEAMLESS ROAMING OF
MOBILE DEVICES AMONG WIRE-
LESS NETWORKS
• PROCEDES ET SYSTEMES PERMET-
TANT L'ITINERANCE CONTINUE DE
DISPOSITIFS MOBILES ENTRE DES
RESEAUX SANS FIL

(71) BLUESOCKET, INC. [US/US]; 7 New
England Executive Park, Burlington, MA
01803 (US).

(72) CHRISTOFFEL, Thomas, W.; 256 Bed-
ford Street, Concord, MA 01742 (US).
JUITT, David, N.; 77 Wollaston Avenue,
Arlington, MA 02476 (US). CRAW SHAW,
Geoff; 96 Wyoming Avenue, Needham, MA
02492 (US). CROSBIE, David, B.; 47 Bay
State Avenue, Somerville, MA 02144 (US).

(74) HEFFAN, Ira; Testa, Hurwitz & Thibeault,
LLP, High Street Tower, 125 High Street,
Boston, MA 02110 (US).

(81) AU CA JP.

(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 G06F 11/34

(11) WO 02/077821 (13) A2

(21) PCT/US02/06292

(22) 28 Feb/fév 2002 (28.02.2002)

(25) en (26) en

(30) 09/818,688 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND SYSTEM FOR COL-
LABORATIVE PROFILING FOR CON-
TINUOUS DETECTION OF PROFILE
PHASE
• PROCEDE ET SYSTEME POUR L'ETA-
BLISSEMENT CONCERTÉ DE PRO-
FIL PERMETTANT LA DETECTION

EN CONTINU DE TRANSITION DE
PHASE DE PROFIL

(71) INTEL CORPORATION [US/US]; (a
Delaware Corporation), 2200 Mission Col-
lege Boulevard, Santa Clara, CA 95052 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) WU, Youfeng [CN/US]; 3658 Bryant
Street, Palo Alto, CA 94306 (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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ G06F 11/36

(11) WO 02/077822 (13) A2

(21) PCT/US02/02531

(22) 24 Jan/jan 2002 (24.01.2002)

(25) en (26) en

(30) 09/813,522 21 Mar/mar 2001 US
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DYNAMIC SOFTWARE CODE IN-
STRUMENTATION METHOD AND
SYSTEM
• PROCEDE ET SYSTEME D'INSTRU-
MENTATION DE CODE LOGICIEL
DYNAMIQUE

(71) WIND RIVER SYSTEMS, INC. [US/US];
500 Wind River Way, Alameda, CA (US).

(72) MADSEN, Kenneth, E.; 45 Vincent Road,
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10 Matthew Lane, Mansfield, MA 02048
(US). DAWSON, Peter, S.; 1931 Washington
Street, Canton, MA 02021 (US).

(74) SAMPSON, Richard, L.; Sampson & Asso-
ciates, P.C., 50 Congress Street, Boston, MA
02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ 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 G06F 12/04

(11) WO 02/077823 (13) A1

(21) PCT/US02/05165

(22) 21 Feb/fév 2002 (21.02.2002)

(25) en (26) en

(30) 09/817,509 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM AND METHOD FOR BUILD-
ING PACKETS
• SYSTEME ET PROCEDE DE
CONSTRUCTION DE PAQUETS

(71) SUN MICROSYSTEMS, INC. [US/US];
901 San Antonio Road, M/S Palo1-521, Palo
Alto, CA 94303 (US).

(72) WEBBER, Thomas, P.; 21 South Main
Street, P.O. Box 234, Petersham, MA 01366
(US). KURTH, Hugh; 39 Bernard Street,
Lexington, MA 02420 (US). DICKSON,
Robert; 36 Simon Atherton Row, Harvard,
MA 01451 (US).

(74) ASHER, Robert, M. et al. / etc.; Bromberg
& Sunstein LLP, 125 Summer Street, Boston,
MA 02110-1618 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 12/08, 9/30, 9/455

(11) WO 02/077824 (13) A1

(21) PCT/US02/06690

(22) 5 Mar/mar 2002 (05.03.2002)

(25) en (26) en

(30) 09/816,459 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • USING VOLATILE MEMORY TO
BUFFER NON-VOLATILE MEMORY
• UTILISATION D'UNE MEMOIRE VO-
LATILE EN TANT QUE MEMOIRE
TAMPON NON-VOLATILE

(71) M-SYSTEMS FLASH DISK PIONEERS
LTD. [IL/IL]; Central Park 2000, 7 Atir Yeda
St., Kfar Saba 44425 (IL).
*(for all designated States except / pour tous
les États désignés sauf US)*

(71) FRIEDMAN, Mark, M. [US/IL]; 1 Alharizi
Street, Raanana 43406 (IL).
(only for / seulement pour TJ)

(72, 75) GEFEN, Moshe [IL/IL]; Migdal Hal-
evanon Street 6, 71700 Modiin (IL). ZER-
NOVIZKY, Shuka [IL/IL]; Miriam Hahash-
monait Street 21, 62032 Tel Aviv (IL).

(74) FRIEDMAN, Mark, M.; Discovery Dis-
patch, 9003 Florin Way, Upper Marlboro,
MD 20772 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 G06F 12/14, 7/58, 1/00

(11) WO 02/077825 (13) A1

(21) PCT/FR02/00945

(22) 18 Mar/mar 2002 (18.03.2002)

(25) fr (26) fr

(30) 01/04058 23 Mar/mar 2001 FR
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • SECURE ELECTRONIC COMPONENT
• COMPOSANT ELECTRONIQUE SECU-
RISE

(71) SCHLUMBERGER SYSTEMES [FR/FR];
Service de la Propriété Intellectuelle, 50, av-
enue Jean Jaurès, F-92120 Montrouge (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RHELIMI, Alain [FR/FR]; 17, Place
Ovale, F-94230 Cachan (FR). BEN AMOR,
Ghazi [FR/FR]; 72, rue du Bac, F-75007
Paris (FR). GUIGNARD, Philippe [FR/FR];
8, rue Clément Marot, F-75008 Paris (FR).

(74) SCHLUMBERGER SYSTEMES; Service
de la Propriété Intellectuelle, c/o Francis
Fernandez, 50, avenue Jean Jaurès, F-92120
Montrouge (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 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 G06F 12/14, 15/16, 15/163, 15/167, 15/17,
15/173, 15/177

(11) WO 02/077826 (13) A1

(21) PCT/JP02/02606

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 09/816,020 22 Mar/mar 2001 US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • MEMORY PROTECTION SYSTEM
AND METHOD FOR COMPUTER AR-
CHITECTURE FOR BROADBAND
NETWORKS

• SYSTEME ET PROCEDE DE PRO-
TECTION DE MEMOIRE POUR AR-
CHITECTURE D'ORDINATEUR SUR
RESEAUX A LARGE BANDE

(71) SONY COMPUTER ENTERTAINMENT
INC. [JP/JP]; 1-1, Akasaka 7-chome, Mi-
nato-ku, Tokyo 107-0052 (JP).

(72) SUZUOKI, Masakazu; c/o SONY COM-
PUTER ENTERTAINMENT INC., 1-1,
Akasaka 7-chome, Minato-ku, Tokyo
107-0052 (JP). YAMAZAKI, Takeshi;
c/o Sony Computer Entertainment America,
Inc., 919 East Hillsdale Blvd., 2nd Floor,
Foster City, CA 94404-2175 (US).

(74) SUZUKI, Seigoh; Shiba NK Bldg. 4th Floor,
22-7, Shiba 3-chome, Minato-ku, Tokyo 105-
0014 (JP).

(81) AU BR CA CN IN KR MX NZ RU SG.

(84) EP (BE CH DE DK ES FI FR GB IT NL SE).

(51)⁷ G06F 12/14, 17/60, G11B 20/10

(11) WO 02/077827 (13) A1

(21) PCT/JP02/02860

(22) 25 Mar/mar 2002 (25.03.2002)

(25) ja (26) ja

(30) 2001-85661 23 Mar/mar 2001 JP
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • INFORMATION PROCESSING APPA-
RATUS
• APPAREIL DE TRAITEMENT D'IN-
FORMATIONS

(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) EBIHARA, Munetake [JP/JP]; c/o
SONY CORPORATION, 7-35, Kitashina-
gawa 6-chome, Shinagawa-ku, Tokyo
141-0001 (JP). TANABE, Mitsuru [JP/JP];
c/o SONY CORPORATION, 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
141-0001 (JP). SATO, Ichiro [JP/JP];
c/o SONY CORPORATION, 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
141-0001 (JP).

(74) INAMOTO, Yoshio; 711 Building 4F,
11-18, Nishi-Shinjuku 7-chome, Shin-
juku-ku, Tokyo 160-0023 (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 G06F 13/00

(11) WO 02/077828 (13) A2

(21) PCT/DE02/01074

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 101 14 241.2 22 Mar/mar 2001 DE
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • METHOD AND CONNECTION SYS-
TEM FOR ESTABLISHING A DATA
CONNECTION WITH EXTERNAL PE-
RIPHERAL DEVICES VIA DIFFERENT
INTERFACES

• PROCEDE ET SYSTEME DE LIAISON
POUR L'ETABLISSEMENT D'UNE
LIAISON DE DONNEES AVEC DES

APPAREILS PERIPHERIQUES EX-
TERNES VIA DIFFERENTES INTER-
FACES

(71) FREECOM TECHNOLOGIES GMBH
[DE/DE]; Obentrautstr. 72, 10963 Berlin
(DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BOTS, Pieter [NL/DE]; Wallstr. 9,
10719 Berlin (DE). LUDWIG, Ingo
[DE/DE]; Hermannstr. 44, 12049 Berlin
(DE). PETERSEN, Jens [DE/DE];
Nauheimer Str. 28, 14197 Berlin (DE).
RUSS, Carsten [DE/DE]; Walzelstr. 3,
13581 Berlin (DE). STROHHÄCKER,
Klaus [DE/DE]; Kastanienallee 85, 10435
Berlin (DE).

(74) BOECKH, Tobias; 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 OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 13/00

(11) WO 02/077829 (13) A2

(21) PCT/GB02/01366

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 09/816,967 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • A COMMUNICATION SYSTEM
• SYSTEME DE COMMUNICATION

(71) INTERNATIONAL BUSINESS MA-
CHINES CORPORATION [US/US]; New
Orchard Road, Armonk, NY 10504 (US).

(71) IBM UNITED KINGDOM LIMITED
[GB/GB]; PO Box 41, North Harbour,
Portsmouth, Hampshire PO6 3AU (GB).
(only for / seulement pour MG)

(72) MANN, Gregory; 501F Dalton Drive,
Colchester, VT 05446 (US).

(74) LITHERLAND, David, Peter; IBM United
Kingdom Limited, Intellectual Property Law,
Hursley Park, Winchester, Hampshire SO21
2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 13/00

(11) WO 02/077830 (13) A1

(21) PCT/JP01/08164

(22) 20 Sep/sep 2001 (20.09.2001)

(25) ja (26) ja

(30) 2001-85831 23 Mar/mar 2001 JP
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SUPERVISORY CONTROL SYSTEM,
SUPERVISORY CONTROL METHOD,
CONTROL PROGRAM FOR CON-
TROLLED DEVICE

• SYSTEME DE COMMANDE DE SUR-
VEILLANCE, PROCEDE DE COM-
MANDE DE SURVEILLANCE ET PRO-
GRAMME DE COMMANDE POUR
DISPOSITIF COMMANDE

(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) YAMAZAKI, Takahiko [JP/JP]; c/o
Mitsubishi Denki Kabushiki Kaisha, 2-3,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6,
Kasumigaseki 3-chome, Chiyoda-ku, Tokyo
100-0013 (JP).

(81) CN 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 13/00

(11) WO 02/077831 (13) A1

(21) PCT/US01/09685

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONTENT CERTIFICATION

• CERTIFICATION DE CONTENU

(71) GEO TRUST, INC. [US/US]; 700 NE Mul-
nomah, Suite 1650, Portland, OR 97232 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) COULTHARD, Christopher, M.
[GB/US]; 88 Park Ave., #402, Arling-
ton, MA 02476 (US). MCLEOD, Scott,
C. [US/US]; 24 Carriage Drive, Chelms-
ford, MA 01824 (US). NORMAN, Peter,
D. [US/US]; 56 Palmer Street, Arlington,
MA 02174 (US). WILLOUGHBY, Kevin
[US/US]; 10 Church Street, Framingham,
MA 07102 (US). HODGMAN, Rod, G.
[US/US]; 465 Robinson Road, Boxborough,
MA 01719 (US).

(74) CANNAVALE, Stephen; Goodwin Procter
LLP, 7 Becker Farm Road, Roseland, NJ
07068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY 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 G06F 13/00

(11) WO 02/077832 (13) A2

(21) PCT/US02/06888

(22) 7 Mar/mar 2002 (07.03.2002)

(25) en (26) en

(30) 09/802,254 8 Mar/mar 2001 US
(08.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SIMULTANEOUS SERIAL TRANSMIS-
SION OF MESSAGES WITH BIT-AR-
BITRATED SELECTION OF THE NU-
MERICALLY LARGEST OR SMALL-
EST VALUE IN THE MESSAGES' DATA
FIELDS

• TRANSMISSION SERIE SIMULTANEE
DE MESSAGES AVEC SELECTION
PAR ARBITRAGE SUR LES BITS DE
LA VALEUR NUMERIQUEMENT LA
PLUS ELEVEE OU LA PLUS FAIBLE
DANS LES CHAMPS DE DONNEES
DES MESSAGES

(71) HONEYWELL INTERNATIONAL INC.
[US/US]; 101 Columbia Avenue, P.O. Box
2245, Morristown, NJ 07960 (US).

(72) NICHOLS, Steven, C.; 6781 Marilyn Drive,
Maple Grove, MN 55369 (US).

(74) CRISS, Roger, H. et al. / etc.; Honeywell
International Inc., 101 Columbia Avenue, P.O.
Box 2245, Morristown, NJ 07960 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY
CA CH CN CR CU CZ DE DK DM EE ES FI
GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV
MA MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR
TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 13/10

(11) WO 02/077833 (13) A1

(21) PCT/EP02/01637

(22) 15 Feb/fév 2002 (15.02.2002)

(25) en (26) en

(30) 09/816,979 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BUFFER NETWORK FOR CORRECT-
ING FLUCTUATIONS IN A PARAL-
LEL/SERIAL INTERFACE

• RESEAU TAMPON POUR LA CORREC-
TION DE FLUCTUATIONS DANS UNE
INTERFACE PARALLELE-SERIE

(71) INTERNATIONAL BUSINESS MA-
CHINES CORPORATION [US/US]; New
Orchard Road, Armonk, NY 10504 (US).

(71) IBM DEUTSCHLAND GMBH [DE/DE];
Pascalstrasse 100, 70569 Stuttgart (DE).
(only for / seulement pour LU)

(72) MANN, Gregory, J.; 501F Dalton Drive,
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(74) TEUFEL, Fritz; IBM Deutschland GmbH,
Intellectual Property, Pascalstr. 100, 70548
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 LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 13/10, H04H 1/00, H04B 1/16

(11) WO 02/077834 (13) A1

(21) PCT/FR02/00679

(22) 25 Feb/fév 2002 (25.02.2002)

(25) fr (26) fr

(30) 01/03997 26 Mar/mar 2001 FR
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DATA BROADCASTING SYSTEM AND
A RECEIVER FOR ONE SUCH SYS-
TEM

• SYSTEME DE DIFFUSION DE DON-
NEES ET RECEPTEUR POUR UN TEL
SYSTEME

(71, 72) SAUBADE, Jacques [FR/FR]; 41, rue
du Bocage, F-33200 BORDEAUX CAUD-
ERAN (FR).

(74) MICHARDIERE, Bernard; 7 ter, bd.
Henri Ruel, F-94120 FONTENAY SOUS
BOIS (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 13/14

(11) WO 02/077835 (13) A1

(21) PCT/JP02/02641

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ja (26) ja

(30) 2001-90616 27 Mar/mar 2001 JP
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMMUNICATION CONTROL SEMI-
CONDUCTOR DEVICE AND INTER-
FACE SYSTEM

- DISPOSITIF A SEMI-CONDUCTEURS DE COMMANDE DE COMMUNICATION ET SYSTEME D'INTERFACE
- (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) KANAI, Toshinobu [JP/JP]; c/o HITACHI, LTD. Semiconductor & Integrated Circuits, 20-1, Josuihon-cho 5-chome, Kodaira-shi, Tokyo 187-8588 (JP). NARUSE, Masao [JP/JP]; c/o HITACHI, LTD. Semiconductor & Integrated Circuits, 20-1, Josuihon-cho 5-chome, Kodaira-shi, Tokyo 187-8588 (JP). HATTORI, Naoki [JP/JP]; c/o HITACHI ENGINEERING CO., LTD., 2-1, Saiwai-cho 3-chome, Hitachi-shi, Ibaraki 317-0073 (JP).
- (74) OBINATA, Tomio; Yamamoto Bldg. 2F, 4, Kagurazaka 3-chome, Shinjuku-ku, Tokyo 162-0825 (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 G06F 15/00, 12/00

(11) WO 02/077836 (13) A1

(21) PCT/JP01/02397

(22) 26 Mar/mar 2001 (26.03.2001)

(25) ja (26) ja

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • GROUPWARE
- LOGICIEL DE GROUPE

(71) TDK CORPORATION [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOSHIMA, Kenji [JP/JP]; TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). YAMAGUCHI, Naoya [JP/JP]; TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(74) OISHI, Koichi et al. / etc.; 8th Floor, Yusen-Awajicho Building, 1-4-1, Kandaawajicho, Chiyoda-ku, Tokyo 101-0063 (JP).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06F 15/00, 17/00

(11) WO 02/077837 (13) A1

(21) PCT/US02/08761

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/816,552 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • COMMON DESIGN FOR WEB PAGES THROUGH EMPLOYMENT OF MASTER SPECIFICATIONS
- CONCEPTION COMMUNE DE PAGES WEB PAR LE BIAIS DE SPECIFICATIONS PILOTES

(71) BEA SYSTEMS, INC. [US/US]; 2315 North First Street, San Jose, CA 95131 (US).

(72) IGRA, Mark, S.; 355 West Kinneer Place, Seattle, WA 98119 (US).

(74) AUYEUNG, Aloysius, T., C. et al. / etc.; Columbia IP Law Group, PC, Suite 820, 10260 SW Greenburg Road, 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 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).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ G06F 15/16, G06T 1/20

(11) WO 02/077838 (13) A1

(21) PCT/JP02/02608

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 09/815,558 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RESOURCE DEDICATION SYSTEM AND METHOD FOR A COMPUTER ARCHITECTURE FOR BROADBAND NETWORKS

- SYSTEME D'AFFECTATION DE RESOURCES ET PROCEDE POUR UNE ARCHITECTURE D'ORDINATEUR POUR DES RESEAUX A TRES LARGE BANDE

(71) SONY COMPUTER ENTERTAINMENT INC. [JP/JP]; 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(72) SUZUOKI, Masakazu; c/o SONY COMPUTER ENTERTAINMENT INC., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP). YAMAZAKI, Takeshi; c/o Sony Computer Entertainment America, Inc., 919 East Hillsdale Blvd., 2nd Floor, Foster City, CA 94404-2175 (US).

(74) SUZUKI, Seigoh; Shiba NK Bldg. 4th Floor, 22-7, Shiba 3-chome, Minato-ku, Tokyo 105-0014 (JP).

(81) AU BR CA CN IN KR MX NZ RU SG.

(84) EP (BE CH DE DK ES FI FR GB IT NL SE).

(51)⁷ G06F 15/16

(11) WO 02/077839 (13) A1

(21) PCT/US01/24935

(22) 8 Aug/août 2001 (08.08.2001)

(25) en (26) en

(30) 09/816,802 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND SYSTEM FOR CLASS-BASED MANAGEMENT OF DYNAMIC CONTENT IN A NETWORKED ENVIRONMENT

- PROCEDE ET SYSTEME DE GESTION FONDEE SUR LA CLASSE DE CONTENU DYNAMIQUE DANS UN ENVIRONNEMENT RESEAU

(71) FINEGROUND NETWORKS [US/US]; Suite 201, 42 West Campbell Avenue, Campbell, CA 95008-1042 (US).

(72) PSOUNIS, Konstantinos; 21 Vriaxidos, Pargrati, GR-11634 Athens (GR). JAWAHAR, Janardhanan; 6460 Applegate Drive, San Jose, CA 95119 (US).

(74) YANG, Joseph 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 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 G06F 15/16, 17/30, 9/46, H04Q 7/20, 7/38

(11) WO 02/077840 (13) A1

(21) PCT/US01/45050

(22) 14 Nov/nov 2001 (14.11.2001)

(25) en (26) en

(30) 01 2 18301.6 26 Mar/mar 2001 CN (26.03.2001)

(30) 01 1 27847.1 13 Sep/sep 2001 CN (13.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INSTANT MESSAGING SYSTEM AND METHOD

- SYSTEME ET PROCEDE DE MESSAGERIE INSTANTANEE

(71) TENCENT BVI LIMITED [GB/GB]; P.O. Box 957, Offshore Incorporation Centre, Road Town, Tortola, British Virgin Island (GB).

(for all designated States except / pour tous les États désignés sauf US ZW)

(71) MINDPORT, INC. [US/US]; 5541 Fermi Court, Suite 200, Carlsbad, CA 92008 (US).
(only for / seulement pour ZW)

(72, 75) XIAOGUANG, Wu [CN/CN]; Room 616, Building 18, Lianhua N° 1 Village, Shenzhen, Guangdong (CN). YANG, Chen [CN/CN]; Room 305, Building 45, Yuanling, Futian, Shenzhen, Guangdong (CN). YEJUN, Huang [CN/CN]; Room 607, Building 113, Penxing Garden, Shenzhen, Guangdong (CN). HUATENG, Ma [CN/CN]; Room 404, Building 4, #25 Garden, Jibin Road, Shenzhen, Guangdong (CN). LIQING, Zeng [CN/CN]; 13 Jianshe Rd, Shenzhen, Guangdong (CN).

(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 OMPH 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 15/16, 15/173

(11) WO 02/077841 (13) A1
(21) PCT/US02/03328
(22) 31 Jan/jan 2002 (31.01.2002)
(25) en (26) en
(30) 60/279,356 27 Mar/mar 2001 US (27.03.2001)
(30) 10/006,439 20 Nov/nov 2001 US (20.11.2001)
(43) 3 Oct/oct 2002 (03.10.2002)

(54) • EXTENSIBLE APPLICATION INTERFACE USING MACHINE-READABLE GRAPHICAL CODES
• INTERFACE D'APPLICATION EXTENSIBLE UTILISANT DES CODES GRAPHIQUES LISIBLES PAR MACHINE

(71) THE CODE CORPORATION [US/US]; 11814 South Election Drive, Suite 200, Draper, UT 84020 (US).

(71, 72) HEPWORTH, Paul [US/US]; 12074 South 2160 West, Riverton, UT 84065 (US). YATSENKO, Dimitri [US/US]; 646 West Jefferson Cove, Sandy, UT 84070 (US). SMITH, Darren [US/US]; 672 North Main, Orem, UT 84057 (US).

(74) AUSTIN, Wesley; Madson & Metcalf, 15 West South Temple, Suite 900, Salt Lake City, UT 84101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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 CH CY DE DK ES FI FR GB GR IE IT 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 15/16

(11) WO 02/077842 (13) A1
(21) PCT/US02/06545
(22) 5 Mar/mar 2002 (05.03.2002)
(25) en (26) en
(30) 09/813,706 21 Mar/mar 2001 US (21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)

(54) • APPARATUS AND METHOD OF USING LONG LIVED ADDRESSES IN A PRIVATE NETWORK FOR PUSH MESSAGING TO MOBILE DEVICES

• DISPOSITIF ET PROCEDURE D'UTILISATION D'ADRESSES DE LONGUE DUREE DANS UN RESEAU PRIVE POUR DIFFUSION SELECTIVE DE MESSAGES VERS DES DISPOSITIFS MOBILES

(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) DORENBOSCH, Jheroen, P.; Rt. 1, Box 79 F, Paradise, TX 76073 (US). VIOLA, Cindy, J.; 1926 E. El Freda Road, Tempe, AZ 85284 (US). HANSCHKE, Brian, A.; 9620 S. 157th Place, Gilbert, AZ 85234 (US).

(74) VAAS, Randall, S. et al. / etc.; 600 North US Highway 45, AN475, Libertyville, IL 60048 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 CH CY DE DK ES FI FR GB GR IE IT 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 15/16

(11) WO 02/077843 (13) A1
(21) PCT/US02/07399
(22) 12 Mar/mar 2002 (12.03.2002)
(25) en (26) en
(30) 09/817,865 26 Mar/mar 2001 US (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)

(54) • UPDATING CAPABILITY NEGOTIATION INFORMATION IN A COMMUNICATIONS SYSTEM
• NO TEXT

(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) ANDREAKIS, Dean, W.; 526 Hampton Drive, Lake Villa, IL 60046 (US). DRISCOLL, Shon; 1324 Shyridge Drive, Crystal Lake, IL 60014 (US).

(74) MANCINI, Brian, M. et al. / etc.; Motorola, Inc., Intellectual Property Dept./AN475, 600 North U.S. Highway 45, 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 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 CH CY DE DK ES FI FR GB GR IE IT 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 15/16

(11) WO 02/077844 (13) A2
(21) PCT/US02/08860
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 60/278,502 23 Mar/mar 2001 US (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR CONTROLLED ESTABLISHMENT OF A TURNKEY SYSTEM PROVIDING A CENTRALIZED DATA AGGREGATION AND SUMMARY CAPABILITY TO THIRD PARTY ENTITIES

• PROCEDURE ET DISPOSITIF POUR L'ETABLISSEMENT SOUS CONTROLE D'UN SYSTEME CLES EN MAIN CENTRALISE D'AGREGATION ET DE RECAPITULATION DE DONNEES POUR DES TIERS

(71) YODLEE.COM, INC. [US/US]; 3600 Bridge Parkway 2nd Floor, Redwood Shores, CA 94065 (US).

(72) SATYAVOLU, Ramakrishna; 3707 Poincianna Drive, Apt. 145, Santa Clara, CA 95051 (US). SANKURATIPATI, Subhash; 1200 Dale Avenue, #80, Mountain View, CA 94040 (US). PUDHUKOTTAI, Sampathkumar Ranganathan; 3455 Homestead Rd., Apt#13, Santa Clara, CA 95051 (US). TSAI, Sin-Mei; 1037 Woolsey St., San Francisco, CA 94134 (US).

(74) BOYS, Donald, R.; P.O. Box 187, Aromas, CA 95004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 CH CY DE DK ES FI FR GB GR IE IT 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 15/163, 15/16, G06T 1/20

(11) WO 02/077845 (13) A1
(21) PCT/JP02/02604
(22) 19 Mar/mar 2002 (19.03.2002)
(25) en (26) en
(30) 09/816,004 22 Mar/mar 2001 US (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPUTER ARCHITECTURE AND SOFTWARE CELLS FOR BROADBAND NETWORKS
• ARCHITECTURE D'ORDINATEUR ET CELLULES LOGICIELLES POUR RESEAUX A LARGE BANDE

(71) SONY COMPUTER ENTERTAINMENT INC. [JP/JP]; 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(72) **SUZUOKI, Masakazu**; c/o SONY COMPUTER ENTERTAINMENT INC., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP). **YAMAZAKI, Takeshi**; c/o Sony Computer Entertainment America, Inc., 919 East Hillsdale Blvd., 2nd Floor, Foster City, CA 94404-2175 (US).

(74) **SUZUKI, Seigoh**; Shiba NK Bldg. 4th Floor, 22-7, Shiba 3-chome, Minato-ku, Tokyo 105-0014 (JP).

(81) AU BR CA CN IN KR MX NZ RU SG.

(84) EP (BE CH DE DK ES FI FR GB IT NL SE).

(51)⁷ **G06F 15/167, 15/16, 15/177, 12/14, G06T 1/20**

(11) **WO 02/077846** (13) A1

(21) PCT/JP02/02605

(22) **19 Mar/mar 2002 (19.03.2002)**

(25) en (26) en

(30) 09/815,554 **22 Mar/mar 2001 US (22.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM AND METHOD FOR DATA SYNCHRONIZATION FOR A COMPUTER ARCHITECTURE FOR BROAD-BAND NETWORKS

• SYSTEME ET PROCEDE DE SYNCHRONISATION DE DONNEES POUR UNE ARCHITECTURE D'ORDINATEUR POUR RESEAUX A LARGE BANDE

(71) **SONY COMPUTER ENTERTAINMENT INC.** [JP/JP]; 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(72) **SUZUOKI, Masakazu**; c/o SONY COMPUTER ENTERTAINMENT INC., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP). **YAMAZAKI, Takeshi**; c/o Sony Computer Entertainment America, Inc., 919 East Hillsdale Blvd., 2nd Floor, Foster City, CA 94404-2175 (US).

(74) **SUZUKI, Seigoh**; Shiba NK Bldg. 4th Floor, 22-7, Shiba 3-chome, Minato-ku, Tokyo 105-0014 (JP).

(81) AU BR CA CN IN KR MX NZ RU SG.

(84) EP (BE CH DE DK ES FI FR GB IT NL SE).

(51)⁷ **G06F 15/173**

(11) **WO 02/077847** (13) A1

(21) PCT/IL02/00037

(22) **16 Jan/jan 2002 (16.01.2002)**

(25) en (26) en

(30) 60/274,657 **12 Mar/mar 2001 US (12.03.2001)**

(30) 10/003,269 **6 Dec/déc 2001 US (06.12.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A SYSTEM AND METHOD FOR MONITORING UNAUTHORIZED TRANSPORT OF DIGITAL CONTENT

• SYSTEME ET PROCEDE DE CONTROLE DE TRANSPORT NON AUTORISE DE CONTENU NUMERIQUE

(71) **VIDIUS INC.** [US/US]; 10435 Santa Monica Blvd., Los Angeles, CA 90025 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PELED, Ariel** [IL/IL]; 22 Almogon Street, 40500 Even Yehuda (IL). **TROYANSKY, Lidror** [IL/IL]; 25 Kanfey-Nesharim Street, 52357 Ramat Gan (IL). **CARNY, Ofir** [IL/IL]; 16 Hayam Street, 44864 Kochav Yair (IL). **TIROSH, Oren** [IL/IL]; 17 Yeshurun Street, 45200 Hod Hasharon (IL). **ROGLIT, Guy** [IL/IL]; 5 Szold Street, 47225 Ramat HaSharon (IL). **GUTMAN, Galit** [IL/IL]; 129a HaMeginim Street, 35028 Haifa (IL).

(74) **G. E. EHRlich (1995) LTD.** et al. / etc.; 28 Bezalel Street, 52521 Ramat Gan (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 15/177, 15/16, 15/167, 9/445**

(11) **WO 02/077848** (13) A1

(21) PCT/JP02/02607

(22) **19 Mar/mar 2002 (19.03.2002)**

(25) en (26) en

(30) 09/816,752 **22 Mar/mar 2001 US (22.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROCESSING MODULES FOR COMPUTER ARCHITECTURE FOR BROAD-BAND NETWORKS

• MODULES DE TRAITEMENT DESTINES A UNE ARCHITECTURE INFORMATIQUE POUR RESEAUX LARGE BANDE

(71) **SONY COMPUTER ENTERTAINMENT INC.** [JP/JP]; 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP).

(72) **SUZUOKI, Masakazu**; c/o SONY COMPUTER ENTERTAINMENT INC., 1-1, Akasaka 7-chome, Minato-ku, Tokyo 107-0052 (JP). **YAMAZAKI, Takeshi**; c/o Sony Computer Entertainment America, Inc., 919 East Hillsdale Blvd., 2nd Floor, Foster City, CA 94404-2175 (US).

(74) **SUZUKI, Seigoh**; Shiba NK Bldg. 4th Floor, 22-7, Shiba 3-chome, Minato-ku, Tokyo 105-0014 (JP).

(81) AU BR CA CN IN KR MX NZ RU SG.

(84) EP (BE CH DE DK ES FI FR GB IT NL SE).

(51)⁷ **G06F 15/76**

(11) **WO 02/077849** (13) A2

(21) PCT/US02/07101

(22) **11 Mar/mar 2002 (11.03.2002)**

(25) en (26) en

(30) 09/815,122 **22 Mar/mar 2001 US (22.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ADAPTIVE INTEGRATED CIRCUITRY WITH HETEROGENEOUS AND RECONFIGURABLE MATRICES OF

DIVERSE AND ADAPTIVE COMPUTATIONAL UNITS HAVING FIXED, APPLICATION SPECIFIC COMPUTATIONAL ELEMENTS

• CIRCUITS INTEGRES ADAPTATIFS A MATRICES HETEROGENES ET RECONFIGURABLES D'UNITES DE CALCUL DIVERSES ET ADAPTATIVES POUR VUES D'ELEMENTS DE CALCUL FIXES, SPECIFIQUES A UNE APPLICATION

(71) **QUICKSILVER TECHNOLOGY, INC.** [US/US]; Suite 120, 6640 Vial Del Oro, San Jose, CA 95119 (US).

(72) **MASTER, Paul, L.**; 796 Dartshire Way, Sunnyvale, CA 94087 (US). **HOGENAUER, Eugene**; 93 Hilltop Drive, San Carlos, CA 94070 (US). **SCHUEERMANN, Walter, James**; 21485 Saratoga Hills Road, Saratoga, CA 95070 (US).

(74) **GAMBURD, Nancy, R.** et al. / etc.; Gamburd & Associates, LTD., Suite 3300, 10 South LaSalle St., Chicago, IL 60603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 17/00**

(11) **WO 02/077850** (13) A2

(21) PCT/GB01/01291

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CLAIMS SETTLEMENT SYSTEM

• SYSTEME D'ETABLISSEMENT DE REVENDICATIONS

(71) **RANDALL & QUILTER INVESTMENT HOLDINGS LTD.** [GB/GB]; Shepherd's Oast, 70 The Heath, East Malling, Kent ME19 6JL (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **QUILTER, Alan, Kevin** [GB/GB]; Badger's Rest, Lee Chapel Lane, Langdon Hills, Essex SS16 5PW (GB). **RANDALL, Kenneth, Edward** [GB/GB]; Shepherd's Oast, 70 The Heath, East Malling, Kent ME19 6JL (GB).

(74) **CROSS, James, Peter, Archibald** et al. / etc.; R G C Jenkins & Co., 26 Caxton Street, London SW1H 0RJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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).

Published / Publiée : (i)

(51)⁷ G06F 17/00

(11) WO 02/077851 (13) A1

(21) PCT/KR01/00728

(22) 28 Apr/avr 2001 (28.04.2001)

(25) ko (26) en

(30) 2001/15489 24 Mar/mar 2001 KR (24.03.2001)

(30) 2001/15491 24 Mar/mar 2001 KR (24.03.2001)

(30) 2001/15492 24 Mar/mar 2001 KR (24.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AGENCY DEALING SYSTEM FOR WEBSITE BULLETIN

• SYSTEME DE NEGOCIATION D'AGENCES POUR BULLETIN EDITE SUR UN SITE WEB

(71, 72) KIM, KyongJoo [KR/KR]; Yeonsan LG Apt 120-1705, 243-18, Yeonsan Dong, Yeonje Gu, Pusan 611-080 (KR).

(74) KOO, SeongJin; 1436-2, Sungam Bldg, Oncheon 2 Dong, Dongrae Gu, Pusan 607-062 (KR).

(81) AE AT AU BG BR CA CH CN CZ DE DK DM DZ EE ES FI GB HR HU ID IL IN IS JP KZ LK LU LV MA MG MK MX NO NZ PL PT RO RU SE SG SI SK TJ TT UA UZ VN YU ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06F 17/00

(11) WO 02/077852 (13) A1

(21) PCT/KR02/00476

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ko (26) en

(30) 2001/14349 20 Mar/mar 2001 KR (20.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND SYSTEM FOR RESTRICTING ACCESS TO SPECIFIC INTERNET SITES AND LAN CARD FOR THE SAME

• PROCEDE ET SYSTEME POUR LA RESTRICTION D'ACCES A DES SITES INTERNET SPECIFIQUES ET CARTE DE RESEAU LOCAL D'ENTREPRISE A CET EFFET

(71) SAFEI CO.,LTD. [KR/KR]; 923, Software Supporting Center, 55-1, Daeyon 3-Dong, Nam-Gu, 608-804 Busan (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AN, MooKyung [KR/KR]; 306-Ho, Myungjang Sangga APT, 145-9, Myungjang-Dong Dongrae-Gu, 607-809 Busan (KR).

(74) KOO, SeongJin; 3rd fl. Sungam bldg., 1436-2, Oncheon2-Dong, Dongrae-Gu, 607-062 Busan (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/00, G10H 1/02

(11) WO 02/077853 (13) A1

(21) PCT/NZ02/00043

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 510799 27 Mar/mar 2001 NZ (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOSITION ASSISTING DEVICE
• DISPOSITIF D'AIDE A LA COMPOSITION

(71, 72) ERUERA, Tauraema, Iraihamata [NZ/NZ]; 7 Browning Street, Grey Lynn, 1002 Auckland (NZ).

(72, 75) YIP, Ben [NZ/NZ]; 15 St Ives Terrace, Mairangi Bay, Auckland (NZ).

(74) CALHOUN, Douglas, C. et al. / etc.; A J Park, 6th Floor Huddart Parker Building, 1 Post Office Square, PO Box 949, Wellington (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 17/00, H04M 3/42, 11/00

(11) WO 02/077854 (13) A1

(21) PCT/US02/09033

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/278,808 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • UNIFIED XML VOICE AND DATA MEDIA CONVERGING SWITCH AND APPLICATION DELIVERY SYSTEM

• COMMUTATEUR ET SYSTEME D'ENVOI D'APPLICATIONS INTEGRANT DES SUPPORTS VOCAUX ET DE DONNEES SUR LA BASE DE XML UNIFIE

(71) AZURN NETWORKS INC. [US/US]; Suite 158, 1601 Trapelo Road, Waltham, MA 02451 (US).

(72) GIROTI, Sudhir, K.; 22 Faulkner Hill Road, Acton, MA 01720 (US). PAHOAJA, Mandakini; 22 Faulkner Hill Road, Acton, MA 01720 (US).

(74) LEOVICI, Victor, B. et al. / etc.; Weingarten, Schurgin, Gagnebin & Lebovici, LLP, Ten Post Office Square, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les designations

(t) for all designations / pour toutes les designations

(51)⁷ G06F 17/21

(11) WO 02/077855 (13) A1

(21) PCT/US02/09268

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,137 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEMS AND METHODS FOR CONTENT DELIVERY OVER A WIRELESS COMMUNICATION MEDIUM TO A PORTABLE COMPUTING DEVICE

• SYSTEMES ET PROCEDES PERMETTANT DE FOURNIR UN CONTENU A UN DISPOSITIF INFORMATIQUE PORTABLE PAR LE BIAIS D'UN SUPPORT DE COMMUNICATION SANS FIL

(71) ARIZAN CORPORATION [US/US]; 430 10th Street, N.W., Suite S-105, Atlanta, GE 30318 (US).

(72) SYLTHE, Olav, A.; 4867 Ashford Dunwoody Road #6208, Atlanta, GE 30338 (US).

(74) WINBURN, John, T.; Morris Manning & Martin, LLP, 3343 Peachtree Road, NE, Atlanta, GA 30326-1044 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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).

Declaration / Déclaration :

(t) for all designations / pour toutes les designations

- (51)⁷ G06F 17/27
 (11) WO 02/077856 (13) A1
 (21) PCT/FI02/00071
 (22) 30 Jan/jan 2002 (30.01.2002)
 (25) en (26) en
 (30) 20010609 23 Mar/mar 2001 FI (23.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • PARSING STRUCTURED DATA
 • ANALYSE DE DONNEES STRUCTUREES
 (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) VEHKOMÄKI, Tuomo [FI/FI]; Seilimäki 16 F 27, FIN-02180 Espoo (FI).
 (74) JOHANSSON, Folke; c/o Nokia Corporation, P.O. Box 226, FIN-00045 Nokia Group (FI).
 (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/077857 (13) A1
 (21) PCT/AU02/00285
 (22) 18 Mar/mar 2002 (18.03.2002)
 (25) en (26) en
 (30) PR 3994 26 Mar/mar 2001 AU (26.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • IMPROVEMENTS IN DEVELOPING AND MAINTAINING CUSTOMISED COMPUTER INFORMATION SYSTEMS
 • AMELIORATIONS APORTEES A L'ELABORATION ET A L'ENTRETIEN DE SYSTEMES D'INFORMATIONS INFORMATIQUES PERSONNALISES
 (71) THE FUTURE IS FREEDOM PTY LTD [AU/AU]; 68 Harris Street, Harris Park, New South Wales 2150 (AU).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) GROVES, Glenn, John [NZ/AU]; 68 Harris Street, Harris Park, New South Wales 2150 (AU).
 (74) CARTER, Chris, John et al. / etc.; DAVIES COLLISON CAVE, Level 10, 10 Barrack Street, Sydney, New South Wales 2000 (AU).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/077858 (13) A1
 (21) PCT/EP02/03275
 (22) 22 Mar/mar 2002 (22.03.2002)
 (25) de (26) de
 (30) 01107285.7 23 Mar/mar 2001 EP (23.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • METHODS FOR THE ARRANGEMENT OF A DOCUMENT IN A DOCUMENT INVENTORY
 • METHODE DE CLASSEMENT D'UN DOCUMENT DANS UNE BASE DOCUMENTAIRE
 (71) SIEMENS BUSINESS SERVICES GMBH & CO OHG [DE/DE]; Otto - Hahn - Ring 6, 81739 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) HÖFER, Hardy [DE/DE]; Rochusweg 52, 33102 Paderborn (DE).
 (74) SIEMENS BUSINESS SERVICES GMBH & CO OHG; Peter Berg, European Patent Attorney, Postfach 22 16 34, 80506 München (DE).
 (81) CA IN US.
 Published / Publiée : (c)
 Declarations / Déclarations :
 (s) for the following designations / pour les désignations suivantes : CA IN
 (u) for / pour US only / seulement
-
- (51)⁷ G06F 17/30, 19/00
 (11) WO 02/077859 (13) A1
 (21) PCT/EP02/03384
 (22) 26 Mar/mar 2002 (26.03.2002)
 (25) en (26) en
 (30) 01107523.1 26 Mar/mar 2001 EP (26.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • METHOD AND APPARATUS FOR STRUCTURING AND SEARCHING BIOLOGICAL, PHYSICAL OR CHEMICAL DATA
 • PROCEDURE ET APPAREIL PERMETTANT LA STRUCTURATION ET LA RECHERCHE DE DONNEES BIOLOGIQUES, PHYSIQUES OU CHIMIQUES
 (71) LION BIOSCIENCE AG [DE/DE]; Im Neuenheimer Feld, 69120 Heidelberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) KIRSCH, Harald [DE/DE]; Grenzhöfer Weg 28/9, 69123 Heidelberg (DE). SCHUH-MANN, Dietrich [DE/DE]; Scheffelstrasse 1, 69214 Eppelheim (DE).
 (74) SCHOHE, Stefan et al. / etc.; Boehmert & Boehmert, Hollerallee 32, 28209 Bremen (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/077860 (13) A1
 (21) PCT/FI02/00251
 (22) 25 Mar/mar 2002 (25.03.2002)
 (25) en (26) en
 (30) 20010617 26 Mar/mar 2001 FI (26.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • APPLICATION DATA SYNCHRONIZATION IN TELECOMMUNICATIONS SYSTEM
 • SYNCHRONISATION DE DONNEES D'APPLICATION DANS UN SYSTEME DE TELECOMMUNICATIONS
 (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) METTÄLÄ, Riku [FI/FI]; Viklanpolku 6 A 11, FIN-33540 Tampere (FI). PIISPANEN, Jussi [FI/FI]; Vastarannankatu 27 D 14, FIN-33610 Tampere (FI). SAHINOJA, Mikko [FI/FI]; Linnainmaanraitti 16 B 12, FIN-33580 Tampere (FI).
 (74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O.Box 148, FIN-00121 Helsinki (FI).
 (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES

FI FR GB GR IE 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
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 VN YU ZA
ZM ZW AP (GH GM KE LSMW MZ SD SL SZ TZ
UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ
TM) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR) OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les
designations

(u) for / pour US only / seulement

(51)⁷ G06F 17/30

(11) WO 02/077861 (13) A1

(21) PCT/GB02/01359

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 0107220.6 22 Mar/mar 2001 GB
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR PROVIDING SERVICES
USING AN INTERNET PORTAL

• PROCEDE DE PRESTATION DE SER-
VICES AU MOYEN D'UN PORTAIL IN-
TERNET

(71) BRANDFIND LIMITED [GB/GB]; Empire
House, 175 Piccadilly, London W1V 0TB
(GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SLADE, Glen, Jonathan [GB/GB]; 80
Holmeffield Court, Belsize Grove, London
NW3 4TU (GB).

(74) FAULKNER, Thomas, John et al. / etc.;
fj Cleveland, 40-43 Chancery Lane, London
WC2A 1JQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 G06F 17/30

(11) WO 02/077862 (13) A1

(21) PCT/GB02/01450

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 01302825.3 27 Mar/mar 2001 EP
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FILE SYNCHRONISATION

• SYNCHRONISATION 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) EDWARDS, Nicholas, Hector
[GB/GB]; 85 Leopold Road, Ipswich, Suffolk
IP4 4RN (GB).

(74) BRADLEY, David, William; BT GROUP
LEGAL, INTELLECTUAL PROPERTY
DEPARTMENT, HOLBORN CENTRE 8TH
FLOOR, 120 HOLBORN, LONDON EC1N
2TE (GB).

(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 G06F 17/30

(11) WO 02/077863 (13) A2

(21) PCT/IB02/00686

(22) 5 Mar/mar 2002 (05.03.2002)

(25) en (26) en

(30) 09/818,715 27 Mar/mar 2001 US
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DICOM TO XML GENERATOR

• DICOM VERS GENERATEUR XML

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(72) HU, Jingkun; Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). LEE, Kwok, P.; Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) SCHOUTEN, Marcus, M.; Internation-
aal Octrooibureau B.V., Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ G06F 17/30

(11) WO 02/077864 (13) A2

(21) PCT/IB02/00868

(22) 12 Mar/mar 2002 (12.03.2002)

(25) en (26) en

(30) 09/818,303 27 Mar/mar 2001 US
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AUTOMATIC VIDEO RETRIEVER GE-
NIE

• GENIE DE RECHERCHE VIDEO AU-
TOMATIQUE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(72) DIMITROVA, Nevenka; Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL). JANEVSKI,
Angel; Prof. Holstlaan 6, NL-5656 AA Ein-
dhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; In-
ternationaal Octrooibureau B.V., Prof. Hol-
stlaan 6, NL-5656 AA Eindhoven (NL).

(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 G06F 17/30, 12/00, G11B 27/00, H04N
5/76

(11) WO 02/077865 (13) A1

(21) PCT/JP02/02118

(22) 7 Mar/mar 2002 (07.03.2002)

(25) ja (26) ja

(30) 2001-82412 22 Mar/mar 2001 JP
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RECORDING DEVICE, AND RECORD-
ING METHOD, AND RECORDING
MEDIUM

• DISPOSITIF D'ENREGISTREMENT,
PROCEDE D'ENREGISTREMENT ET
SUPPORT D'ENREGISTREMENT

(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) MURAKAMI, Masaharu [JP/JP];
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(74) SUGIURA, Masatomo; 7th Floor, Ike-
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(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 G06F 17/30, 17/21, 12/00, 13/00

(11) WO 02/077866 (13) A1

(21) PCT/JP02/02396

(22) 14 Mar/mar 2002 (14.03.2002)

(25) ja (26) ja

(30) 2001-084803 23 Mar/mar 2001 JP
(23.03.2001)

(30) 2002-061132 6 Mar/mar 2002 JP
(06.03.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DOCUMENT DATA PROCESSING DE-
VICE, SERVER DEVICE, TERMINAL
DEVICE, AND DOCUMENT PROCESS-
ING SYSTEM

• DISPOSITIF DE TRAITEMENT DE
DONNEES DOCUMENTAIRES, DISPO-
SITIF SERVEUR, DISPOSITIF TERMI-
NAL ET SYSTEME DE TRAITEMENT
DE DOCUMENTS

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
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les États désignés sauf US)

(72, 75) TADA, Hiroyuki [JP/JP]; 2-12-3-302,
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214-0022 (JP). TAKEUCHI, Shunichi
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(74) WASHIDA, Kimihito; 5th Floor, Shin-toshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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, 15/00

(11) WO 02/077867 (13) A1

(21) PCT/JP02/02639

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ja (26) ja

(30) 2001-90700 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • WEB MONITORING SYSTEM AND METHOD

• PROCEDE ET SYSTEME DE SURVEILLANCE DU WEB

(71) MITSUBISHI SPACE SOFTWARE CO., LTD. [JP/JP]; 4-1, Hamamatsucho 2-chome, Minato-ku, Tokyo 105-6137 (JP).
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(72, 75) SUEKI, Genichiro [JP/JP]; c/o Mitsubishi Space Software, Co., Ltd. Kamakura Division, 524, Kami-machiya, Kamakura-shi, Kanagawa 247-0065 (JP). FUJIKI, Hiroaki [JP/JP]; c/o Mitsubishi Space Software, Co., Ltd. Kamakura Division, 524, Kami-machiya, Kamakura-shi, Kanagawa 247-0065 (JP). OHYAMA, Tohru [JP/JP]; c/o Mitsubishi Space Software, Co., Ltd. Kamakura Division, 524, Kami-machiya, Kamakura-shi, Kanagawa 247-0065 (JP). TATENOI, Ryo [JP/JP]; c/o Mitsubishi Space Software, Co., Ltd. Kamakura Division, 524, Kami-machiya, Kamakura-shi, Kanagawa 247-0065 (JP).

(74) SANO, Hiroshi; 3F, Namisho Building, 3-7, Shinkawa 2-chome, Chuo-ku, Tokyo 104-0033 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06F 17/30, 17/60

(11) WO 02/077868 (13) A1

(21) PCT/JP02/02981

(22) 27 Mar/mar 2002 (27.03.2002)

(25) ja (26) ja

(30) 2001-089736 27 Mar/mar 2001 JP (27.03.2001)

(30) 2001-089737 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR MEDIATING DIGITAL DATA

• PROCÉDÉ DE MÉDIATION POUR TRANSFERT DE DONNÉES NUMÉRIQUES

(71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

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(72, 75) TAKAHASHI, Isao [JP/JP]; C/O NIKON CORPORATION, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/077869 (13) A1

(21) PCT/NO01/00135

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND ARRANGEMENT FOR WEB INFORMATION MONITORING

• PROCEDE ET DISPOSITIF DE SURVEILLANCE D'INFORMATIONS SUR LE WEB

(71) CYBER WATCHER AS [NO/NO]; Vollsvveien 2B, N-1366 Lysaker (NO).

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(72, 75) JELLUM, Harald [NO/NO]; Sleiverudlia 41, N-1354 Bærums Verk (NO). RYNNING, Morten [NO/NO]; Månesigden 20, N-1337 Sandvika (NO).

(74) WESMANN, Johan, F.; Bryns Zacco AS, Sentrum, P.O. Box 765, N-0106 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 G06F 17/30

(11) WO 02/077870 (13) A2

(21) PCT/US02/02278

(22) 25 Jan/jan 2002 (25.01.2002)

(25) en (26) en

(30) 09/817,000 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMAGE RETRIEVAL USING DISTANCE MEASURE

• RECHERCHE D'UNE IMAGE PAR MESURE DE DISTANCES

(71) INTEL CORPORATION (a Delaware Corporation) [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) ACHARYA, Tinku; 4840 W. Erie Street, Chandler, AZ 85226 (US). BHAT-TACHARYA, Bhargab; c/o Indean Statistical Institute, 203 BT Road, Calcutta, India 700035 (IN). KUNDU, Malay; c/o Indian Statistical Institute, 203 BT Road, Calcutta, India 700035 (IN). MURTHY, C.; c/o Indian Statistical Institute, 203 BT Road, Calcutta, India 700035 (IN). BISHNU, Arijit; c/o Indian Statistical Institute, 203 BT Road, Calcutta, India 700035 (IN).

(74) TROP, Timothy, N. et al. / etc.; Trop, Pruner & Hu, P.C., Suite 100, 8554 Katy Freeway, 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 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 G06F 17/30

(11) WO 02/077871 (13) A1

(21) PCT/US02/05649

(22) 26 Feb/fév 2002 (26.02.2002)

(25) en (26) en

(30) 60/270,880 26 Feb/fév 2001 US (26.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BROWSER FOR AN ACCIDENT AND INCIDENT REGISTRY

• EXPLORATEUR PERMETTANT D'ENREGISTRER UN ACCIDENT OU UN INCIDENT

(71) WALTER REED ARMY INSTITUTE OF RESEARCH [US/US]; Headquarters, 503 Robert Grant Avenue, RM 1W58, Silver Spring, MD 20910-7500 (US).

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(72, 75) HOXIE, Stephen, W. [US/US]; 152 Plateau Drive, Hedgesville, WV 25427 (US). LUND, Brian, J. [US/US]; 4 Inwood Point, San Antonio, TX 78248 (US).

(74) ARWINE, Elizabeth; Office of the Staff Judge Advocate, U.S. Army Medical Research and Materiel Command, ATTN: MCMR-JA, 504 Scott Street, Fort Detrick, MD 21702-5012 (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 CH CY DE DK ES
FI FR GB GR IE IT 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 02/077872 (13) A2
(21) PCT/US02/06032
(22) 1 Mar/mar 2002 (01.03.2002)
(25) en (26) en
(30) 09/800,310 2 Mar/mar 2001 US
(02.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • SYSTEM, METHOD AND APPARATUS
FOR DISCOVERING PHRASES IN A
DATABASE
• SYSTEME, PROCEDE ET APPAREIL
DE RECHERCHE TERMINOLOGIQUE
DANS UNE BASE DE DONNEES

(71) UNITED STATES OF AMERICA as rep-
resented by THE ADMINISTRATOR OF
THE NATIONAL AERONOTICS AND
SPACE ADMINISTRATION [US/US];
Washington, DC 20546 (US).

(72) MCGREEVY, Michael, W.; 999 Helena
Drive, Sunnyvale, CA 94087 (US).

(74) PADILLA, Robert, M. et al. / etc.; NASA
Ames Research Center, Mail Stop 202A-3,
Moffett Field, CA 94035-1000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Declarations / Déclarations :
(s) for all designations / pour toutes les
designations
(t) for all designations / pour toutes les
designations

(51)⁷ G06F 17/30
(11) WO 02/077873 (13) A2
(21) PCT/US02/06087
(22) 1 Mar/mar 2002 (01.03.2002)
(25) en (26) en
(30) 09/800,311 2 Mar/mar 2001 US
(02.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • SYSTEM, METHOD AND APPARA-
TUS FOR CONDUCTING A PHRASE
SEARCH
• SYSTEME, PROCEDE ET APPAREIL
DE RECHERCHE TERMINOLOGIQUE

(71) UNITED STATES OF AMERICA as rep-
resented by THE ADMINISTRATOR OF
THE NATIONAL AERONAUTICS AND
SPACE ADMINISTRATION (NASA)
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(72) MCGREEVY, Michael, W.; 999 Helena
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(74) PADILLA, Robert, M. et al. / etc.; NASA
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Declarations / Déclarations :
(s) for all designations / pour toutes les
designations
(t) for all designations / pour toutes les
designations

(51)⁷ G06F 17/30, H04M 3/42
(11) WO 02/077874 (13) A1
(21) PCT/US02/08650
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 60/277,622 22 Mar/mar 2001 US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • SYSTEM AND METHOD FOR STAN-
DARDIZING A MAILING ADDRESS
• SYSTEME ET PROCEDE DE NORMA-
LISATION D'UNE ADRESSE POSTALE

(71) UNITED STATES POSTAL SERVICE
[US/US]; 475 L'Enfant Plaza, S.W., Wash-
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les États désignés sauf US)

(72, 75) SNAPP, Robert, F. [US/US]; 3083
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(74) GARRETT, Arthur, S. et al. / etc.;
Finnegan, Henderson, Farabow, Garrett
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ington, 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 02/077875 (13) A2
(21) PCT/US02/09102
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 09/817,917 26 Mar/mar 2001 US
(26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS AND APPARATUS FOR
PROCESSING DATA IN A CONTENT
NETWORK
• PROCEDE ET SYSTEME DE TRAI-
TEMENT DE DONNEES DANS UN
RESEAU DE FOURNITURE DE
CONTENU

(71) ACCENTURE, LLP [US/US]; 1661 Page
Mill Road, Palo Alto, CA 94304 (US).

(72) MATHUR, Sanjay; 625 W. Deming Place,
Apt. 4D, Chicago, IL 60614 (US). SHAH,
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(74) MORENO, Christopher, P.; Vedder Price
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Street, Chicago, IL 60601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 02/077876 (13) A2
(21) PCT/US02/09385
(22) 25 Mar/mar 2002 (25.03.2002)
(25) en (26) en
(30) 60/278,154 23 Mar/mar 2001 US
(23.03.2001)

(30) Not furnished / 25 Mar/mar 2002 US
non communiqué (25.03.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM FOR AND METHOD OF AU-
TOMATICALLY UPDATING DATA IN A
HOST SYSTEM BASED UPON THIRD
PARTY DATA
• SYSTEME ET PROCEDE D'ACTUA-
LISATION AUTOMATIQUE DE DON-
NEES DANS UN SYSTEME HOTE EN
FONCTION DE DONNEES TIERS

(71) ORCHID SYSTEMS, INC. [US/US]; 103
Old Colony Road, Wellesley, MA 02181
(US).

(72) HICKEY, Neil; 4599 Fig Street, Golden, CO
80403 (US).

(74) HAMILTON, John, A.; Choate, Hall &
Stewart, Exchange Place, 53 State Street,
Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/077877 (13) A2

(21) PCT/US02/09396

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/279,082 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM FOR UNIFORM INTERFACE WITH AN ENCAPSULATED ENTITLEMENT SYSTEM

• SYSTEME DESTINE A UNE INTERFACE UNIFORME AVEC UN SYSTEME D'ADMISSION ENCAPSULE

(71) BEA SYSTEMS, INC. [US/US]; 2315 N. First Street, San Jose, CA 95131 (US).

(72) MOSES, Fred; - (US). LEARY, Dan; - (US). CAMPBELL, Bill; - (US). HERBERT, Justine; - (US).

(74) HAMILTON, John, A.; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (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 17/30

(11) WO 02/077878 (13) A1

(21) PCT/US02/09426

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/278,823 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CRYPTO-POINTERS FOR SECURE DATA STORAGE

• CRYPTO-POINTEURS POUR STOCKAGE DE DONNEES SUR

(71) GALOIS CONNECTIONS INC [US/US]; 3875 SW Hall Boulevard, Beaverton, OR 97005 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAUNCHBURY, John [GB/US]; 13075 SW Davies Road, Beaverton, OR 97008 (US). NORDIN, Thomas [SE/US]; 420 NW 11th #1020, Portland, OR 97209 (US).

(74) MUNSON, Steven, J.; Stoel Rives LLP, Suite 2600, 900 SW Fifth Avenue, 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 EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G06F 17/40

(11) WO 02/077879 (13) A1

(21) PCT/KR02/00491

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ko (26) en

(30) 2001/15453 24 Mar/mar 2001 KR (24.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • APPARATUS FOR MONITORING PERFORMANCE OF DATABASE AND METHOD THEREOF

• PROCEDE ET DISPOSITIF PERMETTANT DE CONTROLER LE RENDEMENT D'UNE BASE DE DONNEES

(71) EXEM LTD. [KR/KR]; 4Th Floor, Future-Flow Bldg., 1538-9 Seocho-dong, Seocho-gu, Seoul 137-070 (KR).

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(72, 75) CHO, Chong-Arm [KR/KR]; 105-1301 Seongdong-Maul-Gangnam-Village, 84 Seongbook-ri, Sooji-eup, Yongin-shi 449-840, Gyeonggi-do (KR).

(74) PARK, Young-Il; Hyundai Life Insurance Bldg., 5F., 649-14 Yoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 17/50

(11) WO 02/077880 (13) A2

(21) PCT/US02/06658

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/817,140 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A COMPUTER ASSISTED METHOD AND SYSTEM FOR ACCURATELY PREDICTING CO₂ SHELF-LIFE OF POLYESTER CONTAINERS FOR CARBONATED BEVERAGES

• PROCEDE ET SYSTEME ASSISTES PAR ORDINATEUR CONÇUS POUR PREDIRE AVEC EXACTITUDE DE

STOCKAGE DE CO₂ DE CUVES EN POLYESTER POUR BOISSONS GAZEUSES

(71) THE COCA-COLA COMPANY [US/US]; One Coca-Cola Plaza, Atlanta, GA 30313 (US).

(72) RULE, Mark; 2003 Royal Court, Atlanta, GA 30341 (US).

(74) BIRCH, ANTHONY, L. et al. / etc.; FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., 1300 I Street, NW, Washington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 17/50

(11) WO 02/077881 (13) A1

(21) PCT/US02/09400

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/278,806 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INTELLIGENT POWER PACK ASSISTED PEDESTAL TUNING FOR ELECTRONIC ARTICLE SURVEILLANCE

• PROCEDE D'ACCORDAGE INTELLIGENT DE SOCLE D'ANTENNE, ASSISTE PAR BLOC D'ALIMENTATION, POUR SYSTEME ELECTRONIQUE DE SURVEILLANCE D'ARTICLES

(71) SENSORMATIC ELECTRONICS CORPORATION [US/US]; 6600 Congress Avenue, Boca Raton, FL 33487 (US).

(72) EMBLING, Steven; 836 N.W. 45th Street, Pompano Beach, FL 33064 (US). ZAMPINI, Michael, A.; 22877 Chrysler Drive, Boca Raton, FL 33428 (US). JEFFREYS, William; 6158 Terra Rosa Circle, Boynton Beach, FL 33437 (US). FREDERICK, Thomas; 4415 Northwest 64th Street, Coconut Creek, FL 33073 (US). ALTERIO, Ronald; 5936 Morningstar Circle, Ruby #101, Delray Beach, FL 33484 (US). AYOUB, Fadi, E.; 9368 Lake Serena Drive, Boca Raton, FL 33496 (US).

(74) COMOGLIO, Rick, F. et al. / etc.; Sensormatic Electronics Corporation, 6600 Congress Avenue, Boca Raton, FL 33487 (US).

(81) AU CA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ G06F 17/60, G07C 5/00, G06K 7/00

(11) WO 02/077882 (13) A1

(21) PCT/EP02/02708

(22) 12 Mar/mar 2002 (12.03.2002)

(25) en (26) en

(30) 01107441.6 27 Mar/mar 2001 EP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONTAINER SURVEILLANCE SYSTEM AND RELATED METHOD

• SYSTEME DE SURVEILLANCE DE CONTENEURS ET PROCEDE ASSOCIE

(71) ALL SET TRACKING AB [SE/SE]; Gustavslundsvägen 151 C, S-16714 Bromma (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOHMAN, Karl [SE/SE]; PO Hallmansgatan 17, S-11269 Stockholm (SE). BUSBOOM, Axel [DE/DE]; Falkenweg 23, 52134 Herzogenrath (DE).

(74) HOFFMANN EITLÉ et al. / etc.; Arabelastrasse 4, 81925 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/077883 (13) A2

(21) PCT/GB02/00920

(22) 1 Mar/mar 2002 (01.03.2002)

(25) en (26) en

(30) 60/277,741 21 Mar/mar 2001 US (21.03.2001)

(30) 09/974,258 9 Oct/oct 2001 US (09.10.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM FOR IMPLEMENTING AN EXCHANGE

• SYSTEME DE MISE EN OEUVRE D'UN ECHANGE

(71) MILLING SYSTEMS AND CONCEPT PTE LTD. [SG/SG]; 29/31 Gul Avenue, Singapore 629669 (SG).

(for all designated States except / pour tous les États désignés sauf US)

(71) HOARTON, Lloyd, Douglas, Charles [GB/GB]; Forrester House, 52 Bounds Green Road, London N11 2EY (GB).

(only for / seulement pour SD)

(72, 75) MOK, Steven, Siong, Cheak [MY/SG]; Blk 154, Jalan Teck Whye #04-75, Singapore 680154 (SG). CHONG, Yew, Hing [MY/SG]; Blk 288A Jurong East Street 21 #11-366, Singapore 601288 (SG). POH, Soon, Teong [SG/SG]; Blk 104 Henderson Crescent #06-72, Singapore 016104 (SG).

(74) FORRESTER KETLEY & CO; Forrester House, 52 Bounds Green Road, London N11 2EY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/077884 (13) A2

(21) PCT/IB02/02191

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 09/818,400 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • APPARATUS AND METHOD OF FACILITATING THE EXCHANGE OF POINTS BETWEEN SELECTED ENTITIES

• DISPOSITIF ET PROCEDE POUR FACILITER L'ECHANGE DE POINTS ENTRE DES ENTITES SELECTIONNEES

(71) POINTS.COM, INC. [CA/CA]; 134 Peter Street, Third Floor, Toronto, Ontario M5V 2H2 (CA).

(72) MACLEAN, Trevor, Robert; 90 Sherbourne Street, Suite 507, Toronto, Ontario M5A 2R1 (CA). PHILIP, Jerry; 237 Mississauga Street, Oakville, Ontario L6L 3B1 (CA). OGDEN, Stephen, Paul; 1106-33 Rosehill Avenue, Toronto, Ontario M4T 1G4 (CA). HIGBEE CLARKIN, Darlene; 801 Bay Street, Toronto, Ontario M4T 1G4 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/077885 (13) A2

(21) PCT/IB02/00805

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 0107215.6 22 Mar/mar 2001 GB (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DISTRIBUTION SYSTEM AND METHOD OF OPERATION THEREOF

• SYSTEME DE DISTRIBUTION ET MISE EN OEUVRE

(71) WRAPTECH LIMITED [GB/GB]; First 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) MILLNER, Gary, David [ZA/ZA]; 9 Ronald Avenue, Camps Bay, 8001 Cape Town (ZA).

(74) JOHN & KERNICK; P.O. Box 3511, Halfway House, 1685 Midrand (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/077886 (13) A1

(21) PCT/JP01/03224

(22) 16 Apr/avr 2001 (16.04.2001)

(25) ja (26) ja

(30) 2001-087188 26 Mar/mar 2001 JP (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELECTRONIC COMMERCE METHOD AND SYSTEM

• PROCEDE ET SYSTEME DE COMMERCE ELECTRONIQUE

(71, 72) NAGASAKA, Yuji [JP/JP]; 380-2, Nakamachi, Kofu-shi, Yamanashi 400-0844 (JP). TAKEHARA, Kumiko [JP/JP]; 3-11-30-501, Minami-karasuyama, Setagaya-ku, Tokyo 157-0062 (JP).

(81) AT AU CA CH CN CZ DE DK ES FI GB HU IL IN JP KR LU MX NO NZ PL PT RU SE SG TR US ZA.

(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 02/077887 (13) A1

(21) PCT/JP02/02611

(22) 19 Mar/mar 2002 (19.03.2002)

(25) ja (26) ja

(30) 2001-85232 23 Mar/mar 2001 JP (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • TRAFFIC SERVICE INFORMATION TRANSMISSION SYSTEM
• SYSTEME DE TRANSMISSION DE RENSEIGNEMENTS SUR LES SERVICES DE TRAFIC
- (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) NISHIMORI, Hiroaki [JP/JP]; c/o NEC Communication Systems, Ltd., 4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073 (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) CA CN US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ G06F 17/60
(11) WO 02/077888 (13) A1
(21) PCT/JP02/02815
(22) 22 Mar/mar 2002 (22.03.2002)
(25) ja (26) ja
(30) 2001-87862 26 Mar/mar 2001 JP (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CHARGING DEVICE, CHARGING METHOD, TRANSACTION SUPPORTING DEVICE, AND TRANSACTION SUPPORTING METHOD
• DISPOSITIF DE FACTURATION, PROCEDE DE FACTURATION, DISPOSITIF ACCEPTANT LES TRANSACTIONS ET PROCEDE ACCEPTANT LES TRANSACTIONS
- (71, 72) DOJO, Makoto [JP/JP]; 3-9-10, Kaigan, Minato-ku, Tokyo 108-0022 (JP).
- (72, 75) DOJO, Kenshin [JP/JP]; Musee d'Art Gotenyama 205, 4-7-10, Kitashinagawa, Shinagawa-ku, Tokyo 140-0001 (JP). TSUJIOKA, Hayato [JP/JP]; 95-103, Yasukiyohigashi-cho, Hikone-shi, Shiga 522-0008 (JP). NOMURA, Naoyuki [JP/JP]; Cosmo Ohji Gardens 119, 5-2-50, Toshima, Kita-ku, Tokyo 114-0003 (JP).
- (74) AKAZAWA, Kazuhiro; Rokkaku Bldg., 6F, 617, Manjuya-cho, Karasuma-dori Rokkaku Agarū, Nakagyo-ku, Kyoto-shi, Kyoto 604-8161 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 02/077889 (13) A1
(21) PCT/KR01/00470
- (22) 23 Mar/mar 2001 (23.03.2001)
(25) ko (26) en
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CYBER MONEY MANAGEMENT SYSTEM
• SYSTEME DE GESTION D'ARGENT ELECTRONIQUE
- (71, 72) CHO, Do-won [KR/KR]; 968-44 Bongchon 1-Dong, Kwanak-ku, Seoul 151-821 (KR).
- (74) RYU, Chang-hee et al. / etc.; RM 405, Hyundai Insurance B/D, 649-14, 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 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 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).
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- (51)⁷ G06F 17/60
(11) WO 02/077890 (13) A1
(21) PCT/KR02/00453
(22) 15 Mar/mar 2002 (15.03.2002)
(25) ko (26) en
(30) 2001/13798 16 Mar/mar 2001 KR (16.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND SYSTEM FOR PROVIDING AIR CARGO RESERVATION AND INFORMATION SERVICES
• PROCEDE ET SYSTEME POUR L'OBTENTION DE SERVICES D'INFORMATIONS ET DE RESERVATION DE FRET AERIEN
- (71, 72) PARK, Bong-Chul [KR/KR]; 219-307, Jugong Apt. 2 Danji, 715, Seongsaidong, Deokyang-gu, Koyang-si, Kyeonggi-do 412-709 (KR).
- (74) LEE, Chul et al. / etc.; 2F. Changsang-Building, 1543-12, Seocho-3dong, Seocho-ku, SEOUL 137-872 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 02/077891 (13) A1
(21) PCT/KR02/00525
- (22) 26 Mar/mar 2002 (26.03.2002)
(25) ko (26) en
(30) 2001/15775 26 Mar/mar 2001 KR (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD OF CONDUCTING AUCTION BY SWITCHING MODES
• MISE EN OEUVRE DE VENTE AUX ENCHERES PAR COMMUTATION DE MODES
- (71, 72) CHO, WOO-CHAN [KR/KR]; 168 Anam-dong 1-ga, Seongbuk-gu, Seoul 136-071 (KR). BAEK, SO-YONG [KR/KR]; 286-30 Suyu 4-dong, Gangbuk-gu, Seoul 142-882 (KR).
- (74) CHOI, Yong-Won et al. / etc.; 4th., Myungdo Bldg., 1542-21 Seocho-3dong, Seocho-gu, Seoul 137-073 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/60
(11) WO 02/077892 (13) A1
(21) PCT/US02/08595
(22) 20 Mar/mar 2002 (20.03.2002)
(25) en (26) en
(30) 60/277,442 21 Mar/mar 2001 US (21.03.2001)
(30) Not furnished / 20 Mar/mar 2002 US non communiqué (20.03.2002)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND SYSTEM FOR POINT OF PURCHASE SIGN CREATION AND DELIVERY
• PROCEDE ET SYSTEME DESTINE A CREER ET A LIVRER UN PANNEAU POUR UN POINT DE VENTE
- (71) CENTIV, INC. [US/US]; 998 Forest Edge Drive, Vernon Hills, IL 60061 (US).
- (72) RYCHEL, William; 998, Forest Edge Drive, Vernon Hills, IL 60061 (US). LYTLE, Richard; 998 Forest Edge Drive, Vernon Hills, IL 60061 (US).
- (74) RUPP, Brian, C.; Gardner, Carton & Douglas, 321 North Clark Street, Suite 3400, 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/077893 (13) A1
- (21) PCT/US02/08900
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 09/816,887 23 Mar/mar 2001 US (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DATABASE AND OPERATING SYSTEM INDEPENDENT COPYING/ARCHIVING OF A WEB BASE APPLICATION
 - COPIE/ARCHIVAGE D'UNE APPLICATION BASEE SUR LE WEB INDEPENDANTS DE SYSTEMES DE BASES DE DONNEES ET D'EXPLOITATION

(71) BEA SYSTEMS, INC. [US/US]; 2315 North First Street, San Jose, CA 95131 (US).

(72) PUGH, William, A.; 2455 S. Ferdinand Street, Seattle, WA 98108 (US).

(74) AUYEUNG, Aloysius, T., C. et al. / etc.; Columbia IP Law Group, PC, 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 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).

Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations

- (51)⁷ G06F 17/60
- (11) WO 02/077894 (13) A1
- (21) PCT/US02/08989
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 60/278,220 23 Mar/mar 2001 US (23.03.2001)
- (30) 09/998,941 15 Nov/nov 2001 US (15.11.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)

(54) • CUSTOMER COMPLAINT ALERT SYSTEM AND METHOD

- SYSTEME D'AVERTISSEMENT CONÇU POUR LES PLAINTES DE LA CLIENTELE ET PROCEDE ASSO-CIE

(71) CATALINA MARKETING INTERNATIONAL, INC. [US/US]; 200 Carillon Parkway, St. Petersburg, FL 33716 (US).

(72) TRAUTH, Gregory, L.; 1331 Parkway Avenue, Covington, KY 41017 (US). BROWN, Clinton, D.; 2490 Legend's Way, Crestview Hills, KY 41017 (US). ARGO, Daniel, S.; 3455 Clover Drive, Taylor Mill, KY 41015 (US).

(74) MUSSELMAN, P., Weston, Jr.; Jenkens & Gilchrist, P.C., 3200 Fountain Place, 1445 Ross Avenue, Dallas, TX 75202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G06F 19/00
- (11) WO 02/077895 (13) A2
- (21) PCT/EP02/01068
- (22) 1 Feb/fév 2002 (01.02.2002)
- (25) en (26) en
- (30) 60/278,333 26 Mar/mar 2001 US (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR EPIGENETIC FEATURE SELECTION

- PROCEDE DE SELECTION D'ASPECTS EPIGENETIQUES

(71) EPIGENOMICS AG [DE/DE]; Kastanienallee 24, 10435 Berlin (DE).

(72) ADORJAN, Peter; Dunckerstrasse 4, 10437 Berlin (DE). MODEL, Fabian; Dedenzerstrasse 73, 12683 Berlin (DE).

(74) SCHOHE, Stefan; Boehmert & Boehmert, Pettenkoferstrasse 20-22, 80336 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/077896 (13) A2
- (21) PCT/IB02/00653
- (22) 5 Mar/mar 2002 (05.03.2002)
- (25) en (26) en
- (30) 09/818,716 27 Mar/mar 2001 US (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)

(54) • DICOM XML DTD/SCHEMA GENERATOR

- GENERATEUR DE DICOM ET DE SCHEMAS ET DTD XML

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) HU, Jingkun; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LEE, Kwok, P.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) SCHOUTEN, Marcus, M; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ G06F 19/00
- (11) WO 02/077897 (13) A1
- (21) PCT/KR01/02059
- (22) 29 Nov/nov 2001 (29.11.2001)
- (25) ko (26) en
- (30) 10-2001-0013030 13 Mar/mar 2001 KR (13.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)

(54) • DIGITAL MAP RANKING SYSTEM

- SYSTEME DE CLASSEMENT SUR CARTE NUMERIQUE

(71, 72) KANG, Minsoo [KR/KR]; 1-702 Hanhyo APT., 415, Hyoiwon 1-dong Hyoiwon-gu, Masan Kyungsangnam-do 630-041 (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 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 G06K
- (11) WO 02/077898 (13) A2
- (21) PCT/FI02/00239
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 20010632 27 Mar/mar 2001 FI (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR IDENTIFYING SOUNDS

- PROCEDE ET APPAREIL D'IDENTIFICATION DE SONS

(71, 72) LARJOMAA, Jaakko [FI/FI]; Tuohivirsu 2 C 12, FIN-02130 Espoo (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 CH CY DE DK ES
FI FR GB GR IE IT 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
- (11) WO 02/077899 (13) A2
- (21) PCT/KR02/00459
- (22) 19 Mar/mar 2002 (19.03.2002)
- (25) ko (26) en
- (30) 2001/0014088 19 Mar/mar 2001 KR
(19.03.2001)
- (30) 2001/0019643 12 Apr/avr 2001 KR
(12.04.2001)
- (30) 2001/0045576 27 Jul/juil 2001 KR
(27.07.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • POWER SUPPLY APPARATUS FOR
POWER LOAD APPLIANCES HAVING
RECHARGEABLE BATTERY
- APPAREIL D'ALIMENTATION ELEC-
TRIQUE POUR APPAREIL A CHARGE
COMPRENANT UNE BATTERIE RE-
CHARGEABLE
- (71, 72) LEE, Sang-Yeol [KR/KR]; Shinsung
Apartment 104-2002, 106 Hwikyung-dong,
Dongdaemoon-gu, Seoul 130-118 (KR).
- (81) AE AT AU BR CA CH CN CZ DE DK ES FI
GB HU ID IL IN IS JP KR KZ LU MA MK
MN MX NO NZ PL PT RO RU SE SG TR US
UZ VN YU ZA.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).
-
- (51)⁷ G06K
- (11) WO 02/077900 (13) A2
- (21) PCT/US01/50348
- (22) 9 Nov/nov 2001 (09.11.2001)
- (25) en (26) en
- (30) 60/247,537 9 Nov/nov 2000 US
(09.11.2000)
- (30) 60/300,510 22 Jun/juin 2001 US
(22.06.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SOFTWARE ENABLED WIZARDS
- ASSISTANTS COMMANDES PAR LO-
GICIEL
- (71) EASTMAN CHEMICAL COMPANY
[US/US]; 100 N. Eastman Road, Kingsport,
TN 37660 (US).
- (for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) BASSETT, Jimmy [US/US]; 327
Crawford Hollow Road, Fall Branch, TN
37656 (US). BURGESS, William [US/US];
2309 Wynwood Drive, Jonesborough, TN
37659-3024 (US). DICKERSON, James

- [US/US]; 28 Willowbrook Drive, Kingsport,
TN 37660-7519 (US). DONELSON,
Michael [US/US]; 307 Cedar Valley Blvd.,
Gray, TN 37615-3769 (US). GOLOB, Den-
nis [US/US]; 2416 Rivermont Dr., Kingsport,
TN 37660-2317 (US). GOTT, Samuel
[US/US]; 2409 Rivermont Dr., Kingsport,
TN 37660-2316 (US). JACKSON, William
[US/US]; 1852 Gingercake Circle #306,
Rock Hill, SC 29732 (US). LYONS, Steven
[US/US]; 916 Huntington Run Lane, Kern-
ersville, NC 27284 (US). MARSH, Stacey
[US/US]; 507 Rosemont Ave., Church Hill,
TN 37642-4226 (US). MILLER, Rick
[US/US]; 304 Coralwood Drive, Kingsport,
TN 37663-2714 (US). FISCHER, David
[US/US]; 113 Arondale Court, Kingsport,
TN 37664-4415 (US). GONZALEZ, Henry
[US/US]; 434 Isley Drive, Blountville,
TN 37617-5712 (US). MERCER, James
[US/US]; 1033 Hanover Court, Kingsport,
TN 37660-5840 (US). QUILLEN, Bobby
[US/US]; 1065 Sussex Drive, Kingsport, TN
37660-5836 (US). DANTULURI, Srihari
[IN/US]; Apt. #C-56, 1000 University Blvd.,
Kingsport, TN 37660 (US). MARK Stewart
[US/US]; 1104 Dover Drive, Kingsport, TN
37664 (US).
- (74) CALKINS, Charles et al. / etc.; Kilpatrick
Stockton LLP, 1001 West Fourth Street, Win-
ston-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 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
- (11) WO 02/077901 (13) A2
- (21) PCT/US02/08084
- (22) 18 Mar/mar 2002 (18.03.2002)
- (25) en (26) en
- (30) 60/277,497 21 Mar/mar 2001 US
(21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CIRCUIT BREAKER LOCK-OUT AS-
SEMBLY
- DISPOSITIF DE BLOCAGE POUR DIS-
JONCTEUR
- (71) BRADY WORLDWIDE, INC. [US/US];
2221 West Camden Road, Milwaukee, WI
53209 (US).
- (for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) BENDA, Steven, J. [US/US]; 13657
10th Street SW, Kokato, MN 55321 (US).
- (74) RADLER, Daniel, G.; Quarles & Brady
LLP, 411 East Wisconsin Avenue, Milwau-
kee, WI 53202 (US).
- (81) AU 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 G06K
- (11) WO 02/077902 (13) A2
- (21) PCT/US02/08994
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 09/816,036 22 Mar/mar 2001 US
(22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND APPARATUS FOR SUP-
PLYING CODED LABELS
- PROCEDE ET DISPOSITIF POUR LA
FOURNITURE D'ETIQUETTES CO-
DEES
- (71) SINCLAIR SYSTEMS INTERNA-
TIONAL, INC. [US/US]; 500 Division
Street, Campbell, CA 95008 (US).
- (72) BRIGGS, Peter, David, Sinclair; 20 Taver-
ham Road, Norwich, Norfolk NR8 6SB (GB).
HOWARTH, Matthew, Scott; 130 Red Fox
Run, Athens, GA 30605 (US). CHASTAINE,
Locke, A.; 500 Division Street, Campbell,
CA 98005 (US). EVANS, Richard, G.; 500
Division Street, Campbell, CA 98005 (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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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
- (11) WO 02/077903 (13) A2
- (21) PCT/US02/09122
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) en (26) en
- (30) 60/278,920 26 Mar/mar 2001 US
(26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHODS FOR DETERMINING THE
ORGANIZATION OF A CELLULAR
COMPONENT OF INTEREST
- PROCEDES RELATIFS A LA DETER-
MINATION DE L'ORGANISATION
D'UN CONSTITUANT CELLULAIRE
SPECIFIQUE
- (71) CELLOMICS, INC. [US/US]; 100 Techno-
logy Drive, Pittsburgh, PA 15219 (US).
- (for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) ROSANIA, Gustavo [CO/US]; 1805
Virnan Kay Circle, Ann Arbor, MI 48103
(US). SAMMAK, Paul [US/US]; 551 Olive
Street, Pittsburgh, PA 15237 (US). RUBIN,
Richard [US/US]; 216 Gladstone Road,
Pittsburgh, PA 15217 (US).

- (74) HARPER, David, S.; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 G06K

- (11) WO 02/077904 (13) A2
(21) PCT/US02/09528
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 60/278,930 26 Mar/mar 2001 US (26.03.2001)
(30) 09/916,243 25 Jul/juil 2001 US (25.07.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • METHOD AND APPARATUS FOR INTELLIGENT DATA ASSIMILATION
• PROCEDE ET APPAREIL D'ASSIMILATION INTELLIGENTE DE DONNEES

(71) US SEARCH.COM INC. [US/US]; 5401 Beethoven Street, Los Angeles, CA 90066 (US).

(72) WACHTEL, David, C.; 5401 Beethoven Street, Los Angeles, CA 90066 (US).

(74) CIRE, Frank, L.; Christie, Parker & Hale, LLP, Post Office Box 7068, Pasadena, CA 91109-7068 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 7/00, H01R 13/658

- (11) WO 02/077905 (13) A1
(21) PCT/US02/09085
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 2001-87436 26 Mar/mar 2001 JP (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • SHIELDED CARD CONNECTOR WITH IMPROVED CONTACTS
• CONNECTEUR DE CARTE BLINDE COMPORTANT DES CONTACTS AMELIORES

(71) MOLEX INCORPORATED [US/US]; 2222 Wellington Court, Lisle, IL 6052 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIRATA, Toshihisa [JP/JP]; Corpo-Sunrise 1012, 2-31, Fukami-nishi, 1-chome, Yamato-shi, Kanagawa 242-0018 (JP).

(74) CALDWELL, Stacey, E.; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 : (c)

(51)⁷ G06K 7/10, G02B 7/18

- (11) WO 02/077906 (13) A1
(21) PCT/JP02/02926
(22) 26 Mar/mar 2002 (26.03.2002)
(25) ja (26) ja
(30) 2001-87618 26 Mar/mar 2001 JP (26.03.2001)
(30) 2001-207296 9 Jul/juil 2001 JP (09.07.2001)
(30) 2002-14258 23 Jan/jan 2002 JP (23.01.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • BAR CODE READER MOVABLE MIRROR FOR BAR CODE READER, AND ITS MANUFACTURING METHOD
• LECTEUR DE CODE A BARRES, MIROIR MOBILE POUR LECTEUR DE CODE A BARRES, ET SON PROCEDE DE FABRICATION

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AIZAWA, Hidekuni [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SUZUKI, Keigo [JP/JP]; c/o SONY FUKUSHIMA CORPORATION, 2, Aza-Toinokuchi, Motomiya-machi, Adachi-gun, Fukushima 969-1180 (JP). MATSUURA, Tamiaki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) KOIKE, Akira et al. / etc.; No.11 Mori Bldg., 6-4, Toranomom 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR US.

(51)⁷ G06K 9/00

- (11) WO 02/077907 (13) A1
(21) PCT/DE02/00898

(22) 13 Mar/mar 2002 (13.03.2002)

- (25) de (26) de
(30) A 453/2001 21 Mar/mar 2001 AT (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • METHOD FOR GUIDING THE USER OF A BIOMETRIC SYSTEM HAVING FINGERPRINT INPUT
• PROCEDE DE GUIDAGE POUR L'UTILISATEUR D'UN SYSTEME BIOMETRIQUE AVEC ENTREE D'EMPREINTES DIGITALES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BIRCHBAUER, Josef [AT/AT]; Eichkögl 91, A-8322 Studenzen (AT). HESCHGL, Kurt [AT/AT]; Schubertstr. 26A/EG/3, A-8010 Graz (AT). MARIUS, Wolfgang [AT/AT]; Am Rehgrund 18, A-8043 Graz/Kroisbach (AT). WACHMANN, Bernd [AT/AT]; Unterfladnitz 48, A-8181 St. Ruprecht (AT). WINTER, Martin [AT/AT]; Körösisstr. 170/6/30, A-8010 Graz (AT).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : JP EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ G06K 9/00

- (11) WO 02/077908 (13) A1
(21) PCT/IB02/00657
(22) 5 Mar/mar 2002 (05.03.2002)
(25) en (26) en
(30) 09/817,108 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • ADAPTIVE FACIAL RECOGNITION SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE RECONNAISSANCE ADAPTATIVE DES VISAGES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) LIN, Yun-Ting; 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

- (51)⁷ G06K 9/00, 9/34
 (11) WO 02/077909 (13) A1
 (21) PCT/US02/07185
 (22) 12 Mar/mar 2002 (12.03.2002)
 (25) en (26) en
 (30) 09/815,385 23 Mar/mar 2001 US (23.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • VIDEO SEGMENTATION USING STATISTICAL PIXEL MODELING
 • SEGMENTATION VIDEO UTILISANT UNE MODELISATION STATISTIQUE DES PIXELS
- (71) DIAMONDBACK VISION, INC. [US/US]; 11600 Sunrise Valley Drive, Suite 290, Reston, VA 20191 (US).
- (72) LIPTON, Alan, J.; 2022 Peach Orchard Drive, #34, Falls Church, VA 22043 (US). ALLMEN, Mark; 6333 Starlight Drive, Morrison, CO 80465 (US). HAERING, Niels; 911 N. Barton Street, Apt. 2, Arlington, VA 22201 (US). SEVERSON, William; 8085 South Franklin Court, Littleton, CO 80122 (US). STRAT, Thomas, M.; 3227 Fox Vale Drive, Oakton, VA 22124 (US).
- (74) GLUCK, Jeffrey, W.; Venable, Baetjer, Howard & Civiletti, LLP, 1201 New York Avenue, Suite 1000, P.O. Box 34385, Washington, DC 20043-9998 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G06K 9/00
 (11) WO 02/077910 (13) A1
 (21) PCT/US02/08808
 (22) 22 Mar/mar 2002 (22.03.2002)
 (25) en (26) en
 (30) 09/814,512 22 Mar/mar 2001 US (22.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • SYSTEM AND METHOD FOR DISCOVERING PATTERNS WITH NOISE
 • SYSTEME ET PROCEDE D'IDENTIFICATION DE MOTIFS PRESENTANT UN BRUIT
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
- (72) WANG, Wei; 30 Lake Street, Apt 4A, White Plains, NY 10603 (US). YANG, Jiong; 235 South Lexington Avenue, Apt 10K, White Plains, NY 10606 (US). YU, Philip, Shi-lung; 19 Stornoway, Chappaqua, NY 10514 (US).
- (74) ZARICK, Gail, H.; IBM Corporation, Intellectual Property Law Department, P.O. Box 218, Route 134 & Kitchawan Road, Yorktown Heights, NY 10598 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G06K 9/36
 (11) WO 02/077911 (13) A1
 (21) PCT/US01/48616
 (22) 13 Dec/déc 2001 (13.12.2001)
 (25) en (26) en
 (30) 09/834,817 23 Mar/mar 2001 US (23.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • AUTOMATIC DETECTION OF ALIGNMENT OR REGISTRATION MARKS
 • DETECTION AUTOMATIQUE DE L'ALIGNEMENT OU DE LA SUPERPOSITION DES MOTIFS
- (71, 72) LEE, Shih-Jong [US/US]; 15418 SE 53rd Place, Bellevue, WA 98006 (US).
- (72, 75) OH, Seho [KR/US]; 5229 107th Street SW, Mukilteo, WA 98275 (US). NELSON, Larry [US/US]; 2401 N. Northlake Way #6, Seattle, WA 98103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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).
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- Published / Publiée : (c)
-
- (51)⁷ G06K 9/36, 9/46
 (11) WO 02/077912 (13) A1
 (21) PCT/US02/08972
 (22) 27 Feb/fév 2002 (27.02.2002)
 (25) en (26) en
 (30) 09/802,477 9 Mar/mar 2001 US (09.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR GENERIC OUTLINE FONT COMPRESSION
 • SYSTEME, PROCEDE ET PRODUIT-PROGRAMME INFORMATIQUE POUR LA COMPRESSION DE POLICES DE CARACTERES VECTORISES GENERIQUES
- (71) MORISAWA & CO., LTD. [JP/JP]; No. 6-25, Shikitsu-Higashi, 2-Chome, Naniwa-ku, Osaka 556-0012 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AZAM, Syed Aamer [PK/US]; 124 Mahogany Lane, Union City, CA 94587 (US). REINSCH, Matthias W. [DE/US]; 5300 Manila Avenue, Oakland, CA 94618 (US).
- (74) ZILKA, Kevin J.; Silicon Valley IP Group, P.O. Box 721120, San Jose, CA 95172-1120 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G06K 9/40
 (11) WO 02/077913 (13) A1
 (21) PCT/US01/49244
 (22) 18 Dec/déc 2001 (18.12.2001)
 (25) en (26) en
 (30) 09/815,466 23 Mar/mar 2001 US (23.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • STRUCTURE-GUIDED AUTOMATIC LEARNING FOR IMAGE FEATURE ENHANCEMENT
 • APPRENTISSAGE AUTOMATIQUE GUIDE PAR UNE STRUCTURE POUR L'AMELIORATION DES CARACTERISTIQUES D'UNE IMAGE
- (71, 72) LEE, Shih-Jong [US/US]; 15418 SE 53rd Place, Bellevue, WA 98006 (US).
- (72, 75) OH, Seho [US/US]; 5229 107th Street SW, Mukilteo, WA 98275 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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).
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- (51)⁷ G06K 9/62
 (11) WO 02/077914 (13) A1
 (21) PCT/JP02/02264
 (22) 11 Mar/mar 2002 (11.03.2002)
 (25) ja (26) ja
 (30) 2001-86143 23 Mar/mar 2001 JP (23.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)

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|---|--|--|---|----------------------|
| (54) • METHOD, SYSTEM AND PROGRAM FOR INPUTTING HANDWRITTEN CHARACTERS • PROCEDE, SYSTEME ET PROGRAMME DE SAISIE DE CARACTERES MANUSCRITS | (54) • ENABLING MANUAL ADJUSTMENT OF POINTING DEVICE CURSOR SPEED • POSSIBILITÉ DE RÉGLAGE MANUEL DE LA VITESSE DU CURSEUR DE L'OUTIL DE POINTAGE | (30) 09/816,249 (30) 09/816,121 (30) 09/815,668 | 23 Mar/mar 2001 (23.03.2001) 23 Mar/mar 2001 (23.03.2001) 23 Mar/mar 2001 (23.03.2001) | US US US |
| (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; Armonk, NY 10504 (US). (for all designated States except / pour tous les États désignés sauf US) | (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US). (for all designated States except / pour tous les États désignés sauf US) | (30) 09/816,187 (30) 09/815,490 | 23 Mar/mar 2001 (23.03.2001) 23 Mar/mar 2001 (23.03.2001) | US US |
| (72, 75) ITOH, Hiroji [JP/JP]; c/o Yamato site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP). MORI, Masaya [JP/JP]; c/o Yamato site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP). | (72, 75) CANAKAPALLI, Sri, K. [IN/US]; 651 East Main Street, American Fork, UT 84003 (US). | (30) 09/816,471 (30) 09/815,606 | 23 Mar/mar 2001 (23.03.2001) 23 Mar/mar 2001 (23.03.2001) | US US |
| (74) SAKAGUCHI, Hiroshi et al. / etc.; c/o Yamato Site, IBM Japan Ltd., 1623-14, Shimotsuruma, Yamato-shi, Kanagawa 242-8502 (JP). | (74) TROP, Timothy, N.; Trop, Pruner & Hu, P.C., Suite 100, 8554 Katy Freeway, Houston, TX 77024 (US) et al. / etc. | (30) 09/815,777 | 23 Mar/mar 2001 (23.03.2001) | US |
| (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM 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. | (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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. | (30) 09/815,813 (30) 09/816,429 | 23 Mar/mar 2001 (23.03.2001) 23 Mar/mar 2001 (23.03.2001) | US US |
| (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG). | (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG). | (30) 09/815,515 (30) 09/816,543 (30) 09/816,349 (30) 09/816,331 | 23 Mar/mar 2001 (23.03.2001) 23 Mar/mar 2001 (23.03.2001) 23 Mar/mar 2001 (23.03.2001) | US US US US |
| (51) ⁷ G06K 11/00 | (51) ⁷ G06K 15/00, G07B 15/02, G06F 17/60 | (30) 09/816,167 | 23 Mar/mar 2001 (23.03.2001) | US |
| (11) WO 02/077915 (13) A2 | (11) WO 02/077917 (13) A1 | (30) 09/816,881 | 23 Mar/mar 2001 (23.03.2001) | US |
| (21) PCT/DE02/01131 | (21) PCT/US02/08287 | (30) 09/816,536 | 23 Mar/mar 2001 (23.03.2001) | US |
| (22) 6 Mar/mar 2002 (06.03.2002) | (22) 19 Mar/mar 2002 (19.03.2002) | (30) 09/816,580 | 23 Mar/mar 2001 (23.03.2001) | US |
| (25) de (26) de | (25) en (26) en | (30) 09/815,580 | 23 Mar/mar 2001 (23.03.2001) | US |
| (30) 101 10 744.7 7 Mar/mar 2001 DE (07.03.2001) | | (30) 09/815,598 | 23 Mar/mar 2001 (23.03.2001) | US |
| (43) 3 Oct/oct 2002 (03.10.2002) | | (30) 09/816,565 | 23 Mar/mar 2001 (23.03.2001) | US |
| (54) • LARGE TOUCH-SENSITIVE AREA WITH TIME-CONTROLLED AND LOCATION-CONTROLLED EMITTER AND RECEIVER MODULES • GRANDE ZONE SENSIBLE AU TOUCHER COMPORTANT DES MODULES D'EMISSION ET DE RECEPTION A COMMANDE TEMPORELLE ET LOCALE | (54) • ENABLING MANUAL ADJUSTMENT OF POINTING DEVICE CURSOR SPEED • POSSIBILITÉ DE RÉGLAGE MANUEL DE LA VITESSE DU CURSEUR DE L'OUTIL DE POINTAGE | (30) 09/816,488 (30) 09/816,426 (30) 09/815,899 (30) 09/816,507 | 23 Mar/mar 2001 (23.03.2001) 23 Mar/mar 2001 (23.03.2001) 23 Mar/mar 2001 (23.03.2001) | US US US US |
| (71, 72) GODLER, Franc [DE/DE]; Grossenhainer Strasse 19, 01968 Senftenberg (DE). | (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US). (for all designated States except / pour tous les États désignés sauf US) | (30) 09/816,422 (30) 09/816,269 | 23 Mar/mar 2001 (23.03.2001) 23 Mar/mar 2001 (23.03.2001) | US US |
| (81) AE AU CA CN DE IL IN JP KR LT PL RU SG US. | | (30) 09/816,491 | 23 Mar/mar 2001 (23.03.2001) | US |
| (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR). | | (30) 09/816,101 | 23 Mar/mar 2001 (23.03.2001) | US |
| (51) ⁷ G06K 11/18 | (51) ⁷ G06K 15/00, G07B 15/02, G06F 17/60 | (30) 09/816,231 | 23 Mar/mar 2001 (23.03.2001) | US |
| (11) WO 02/077916 (13) A2 | (11) WO 02/077917 (13) A1 | (30) 09/816,421 | 23 Mar/mar 2001 (23.03.2001) | US |
| (21) PCT/US02/02110 | (21) PCT/US02/08287 | (30) 09/816,069 | 23 Mar/mar 2001 (23.03.2001) | US |
| (22) 25 Jan/jan 2002 (25.01.2002) | (22) 19 Mar/mar 2002 (19.03.2002) | (30) 09/816,296 | 23 Mar/mar 2001 (23.03.2001) | US |
| (25) en (26) en | (25) en (26) en | (30) 09/816,536 | 23 Mar/mar 2001 (23.03.2001) | US |
| (30) 09/817,719 26 Mar/mar 2001 US (26.03.2001) | | (30) 09/815,580 | 23 Mar/mar 2001 (23.03.2001) | US |
| (43) 3 Oct/oct 2002 (03.10.2002) | | (30) 09/816,092 | 23 Mar/mar 2001 (23.03.2001) | US |
| | | (30) 09/815,598 | 23 Mar/mar 2001 (23.03.2001) | US |
| | | (30) 09/816,576 | 23 Mar/mar 2001 (23.03.2001) | US |
| | | (30) 09/815,759 | 23 Mar/mar 2001 (23.03.2001) | US |
| | | (30) 09/816,495 | 23 Mar/mar 2001 (23.03.2001) | US |
| | | (30) 09/816,976 | 23 Mar/mar 2001 (23.03.2001) | US |
| | | (30) 09/816,083 | 23 Mar/mar 2001 (23.03.2001) | US |
| | | (30) 09/815,715 | 23 Mar/mar 2001 (23.03.2001) | US |
| | | (30) 09/815,989 | 23 Mar/mar 2001 (23.03.2001) | US |
| | | (30) 09/816,561 | 23 Mar/mar 2001 (23.03.2001) | US |
| | | (30) 09/815,483 | 23 Mar/mar 2001 (23.03.2001) | US |
| | | (30) 09/816,553 | 23 Mar/mar 2001 (23.03.2001) | US |
| | | (30) 09/815,688 | 23 Mar/mar 2001 (23.03.2001) | US |
| | | (30) 09/816,388 | 23 Mar/mar 2001 (23.03.2001) | US |
| | | (30) 09/816,358 | 23 Mar/mar 2001 (23.03.2001) | US |
| | | (30) 09/815,729 | 23 Mar/mar 2001 (23.03.2001) | US |

| | | | | | | |
|-----------------|---------------------------------|----|--|---------------------------------|--|--|
| (30) 09/816,537 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/816,285 | 23 Mar/mar 2001 (23.03.2001) | US | Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). GREENE, Edward, Arthur [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). SMITH, Mark, Alan [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). TOMAS-FLYNN, Martha, Helen [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). REECE, Debra, Gayle [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). SECHRIST, Daniel [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). EKEY, Diane, Karen [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). RUEFF, Mark, Patrick [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). BARNETT, John, B. [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). RODRIGUEZ, Wendy [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). MARKS, Stephen, Patrick [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). FOURAKER, William, Vance [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). HYPATT, James, F., II [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). DIAZ, Adriana, Maria [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). KIRSHENBAUM, Laurence, Joseph [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). BESSETTE, Robert, John [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). GEHMAN, Anson, Jerome [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). MOR, Richardo [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). BURNS, Michael, Paul [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). |
| (30) 09/816,434 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/815,973 | 23 Mar/mar 2001 (23.03.2001) | US | |
| (30) 09/815,897 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/815,845 | 23 Mar/mar 2001 (23.03.2001) | US | |
| (30) 09/815,734 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/816,314 | 23 Mar/mar 2001 (23.03.2001) | US | |
| (30) 09/816,431 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/816,075 | 23 Mar/mar 2001 (23.03.2001) | US | |
| (30) 09/816,021 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/816,944 | 23 Mar/mar 2001 (23.03.2001) | US | |
| (30) 09/816,454 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/815,559 | 23 Mar/mar 2001 (23.03.2001) | US | |
| (30) 09/816,413 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/816,203 | 23 Mar/mar 2001 (23.03.2001) | US | |
| (30) 09/816,430 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/816,567 | 23 Mar/mar 2001 (23.03.2001) | US | |
| (30) 09/816,428 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/816,268 | 23 Mar/mar 2001 (23.03.2001) | US | |
| (30) 09/815,830 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/816,424 | 23 Mar/mar 2001 (23.03.2001) | US | |
| (30) 09/816,922 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/816,564 | 23 Mar/mar 2001 (23.03.2001) | US | |
| (30) 09/815,489 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/816,455 | 23 Mar/mar 2001 (23.03.2001) | US | |
| (30) 09/816,048 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/816,412 | 23 Mar/mar 2001 (23.03.2001) | US | |
| (30) 09/815,727 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/815,590 | 23 Mar/mar 2001 (23.03.2001) | US | |
| (30) 09/816,212 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/816,555 | 23 Mar/mar 2001 (23.03.2001) | US | |
| (30) 09/815,660 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/816,560 | 23 Mar/mar 2001 (23.03.2001) | US | |
| (30) 09/815,894 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/816,427 | 23 Mar/mar 2001 (23.03.2001) | US | |
| (30) 09/816,151 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/834,600 | 13 Apr/avr 2001 (13.04.2001) | US | |
| (30) 09/816,582 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/834,838 | 13 Apr/avr 2001 (13.04.2001) | US | |
| (30) 09/816,033 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/834,924 | 13 Apr/avr 2001 (13.04.2001) | US | |
| (30) 09/816,357 | 23 Mar/mar 2001 (23.03.2001) | US | (30) 09/834,465 | 13 Apr/avr 2001 (13.04.2001) | US | |
| (30) 09/816,420 | 23 Mar/mar 2001 (23.03.2001) | US | (43) 3 Oct/oct 2002 (03.10.2002) | | | |
| (30) 09/815,731 | 23 Mar/mar 2001 (23.03.2001) | US | (54) • SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR A SUPPLY CHAIN MANAGEMENT | | (74) ELLIS, William, T. et al. / etc. ; Foley & Lardner, Washington Harbour, 3000 K Street, N.W., Suite 500, Washington, D.C. 20007-5109 (US). | |
| (30) 09/816,503 | 23 Mar/mar 2001 (23.03.2001) | US | • SYSTEME, PROCEDE ET PRODUIT PROGRAMME INFORMATIQUE CONCUS POUR UNE GESTION DE CHAINE D'APPROVISIONNEMENT | | (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW. | |
| (30) 09/816,160 | 23 Mar/mar 2001 (23.03.2001) | US | (71) RESTAURANT SERVICES, INC. [US/US]; Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). <i>(for all designated States except / pour tous les États désignés sauf US)</i> | | (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG). | |
| (30) 09/815,893 | 23 Mar/mar 2001 (23.03.2001) | US | (72, 75) HOFFMANN, George, Harry [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). BURK, Michael, James [US/US]; Restaurant Services, Inc., Two Alhambra Plaza, Suite 500, Coral Gables, FL 33134-5202 (US). MENNINGER, Anthony, Frank [US/US]; Restaurant Services, | | | |
| (30) 09/816,414 | 23 Mar/mar 2001 (23.03.2001) | US | | | | |
| (30) 09/815,792 | 23 Mar/mar 2001 (23.03.2001) | US | | | | |
| (30) 09/815,864 | 23 Mar/mar 2001 (23.03.2001) | US | | | | |
| (30) 09/816,896 | 23 Mar/mar 2001 (23.03.2001) | US | | | | |
| (30) 09/815,725 | 23 Mar/mar 2001 (23.03.2001) | US | | | | |

- (51)⁷ G06K 19/00
(11) WO 02/077918 (13) A2
(21) PCT/DE02/00949
(22) 16 Mar/mar 2002 (16.03.2002)
(25) de (26) de
(30) 101 14 355.9 22 Mar/mar 2001 DE (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD FOR PRODUCING A CONTACTLESS CHIP CARD AND CHIP CARD PRODUCED ACCORDING TO SAID METHOD
• PROCEDE DE PRODUCTION D'UNE CARTE A PUCE SANS CONTACT ET CARTE A PUCE AINSI PRODUITE
(71) INTEC HOLDING GMBH [DE/DE]; Am Alsterberg 11, 87616 Marktoberdorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) RIETZLER, Manfred [DE/DE]; Am Alsterberg 10, 87616 Marktoberdorf (DE).
(74) KLEINSCHEIDT, Michael; Zur Ludwigshöhe 28, 86919 Utting (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G06T
(11) WO 02/077919 (13) A2
(21) PCT/US01/51440
(22) 12 Nov/nov 2001 (12.11.2001)
(25) en (26) en
(30) 09/711,859 12 Nov/nov 2000 US (12.11.2000)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • ANTIALIASING METHOD AND APPARATUS FOR VIDEO APPLICATIONS
• PROCEDE ET APPAREIL D'ANTICRENELAGE POUR DES APPLICATIONS VIDEO
(71) BITBOYS, INC. [US/US]; Suite 700, 9330 LBJ Freeway, Dallas, TX 75243 (US).
(72) TUOMI, Mika, Henrik; FIN-29570 Soor-markku (FI). TAMMILEHTO, Sami, Santeri; FIN-20780 Kaarina (FI). NORDLUND, Petri, Olavi; Vanhamaantie 4, FIN-28800 Pori (FI).
(74) HOWISON, Gregory, M. et al. / etc.; Howison, Chauza, Thoma, Handley & Arnott, L.L.P., P.O. Box 741715, Dallas, TX 75374-1715 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR 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 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 G06T
(11) WO 02/077920 (13) A2
(21) PCT/US02/08841
(22) 25 Mar/mar 2002 (25.03.2002)
(25) en (26) en
(30) 60/278,443 26 Mar/mar 2001 US (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD AND SYSTEM FOR THE ESTIMATION AND COMPENSATION OF BRIGHTNESS CHANGES FOR OPTICAL FLOW CALCULATIONS
• PROCEDE ET SYSTEME D'EVALUATION ET DE COMPENSATION DES VARIATIONS DE LUMINOSITE DANS LES CALCULS DE FLUX OPTIQUE
(71) DYNAPEL SYSTEMS, INC. [US/US]; 380 Lexington Avenue, Suite 4500, New York, NY 10168-1495 (US).
(72) GRIESSL, Max; Caracciolastr. 44, 80935 Munich (DE). WITTKOP, Markus; Landskronesweg 1, 85737 Ismaning (DE). WONNEBERGER, Siegfried; Mittermayrstr. 6, 80796 Munich (DE).
(74) AITKEN, Richard, L.; Venable, Baetjer, Howard & Civiletti, LLP, 1201 New York Avenue, Suite 1000, P.O. Box 34385, Washington, DC 20043-9998 (US).
(81) JP.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ G06T
(11) WO 02/077921 (13) A2
(21) PCT/US02/09730
(22) 27 Mar/mar 2002 (27.03.2002)
(25) en (26) en
(30) 60/279,181 27 Mar/mar 2001 US (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • SYSTEM AND METHOD FOR DETERMINING A SPATIAL HIERARCHY FOR POLYGONAL DATA BY USING CUBE-ROOT SCALING
• SYSTEME ET PROCEDE PERMETTANT DE DETERMINER UNE HIERARCHIE SPATIALE POUR DES DONNEES POLYGONALES A L'AIDE D'UNE MISE A L'ECHELLE DE RACINE CUBIQUE
(71) COMPUTER ASSOCIATES THINK, INC. [US/US]; One Computer Associates Plaza, Islandia, NY 11749 (US).
(72) GUEZIEC, Andre; 365 America Avenue, Sunnyvale, CA 94085 (US). BROCKWAY, Dan; 7359 Tophill La, Dallas, TX 75248 (US). GERSUK, Stephen; 4421 Southgate

- Drive, Plano, TX 752024 (US). FITCH, Michelle; 1970 Josephine Avenue, San Jose, CA 95128 (US). WEAR, Mark; 212 Santa Fe Trail, Apt 3043, Irving, TX 75063 (US).
(74) JAWORSKI, Richard, F.; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G06T 7/00
(11) WO 02/077922 (13) A1
(21) PCT/JP02/02887
(22) 26 Mar/mar 2002 (26.03.2002)
(25) ja (26) ja
(30) 2001-89976 27 Mar/mar 2001 JP (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • IMAGE DETECTION METHOD, IMAGE DETECTION APPARATUS, AND WAFER TREATMENT APPARATUS
• PROCEDE DE DETECTION D'IMAGE, APPAREIL DE DETECTION D'IMAGE ET APPAREIL DE TRAITEMENT DE PLAQUETTE
(71) ADVANTEST CORPORATION [JP/JP]; 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP).
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(72, 75) ICHIKAWA, Masayoshi [JP/JP]; c/o ADVANTEST CORPORATION, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP). YAMAGUCHI, Takahiro [JP/JP]; c/o ADVANTEST CORPORATION, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP).
(74) RYUKA, Akihiro; 6F, Toshin Building, 24-12, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).
(81) DE US.
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- (51)⁷ G07B 15/00, G07F 7/10
(11) WO 02/077923 (13) A1
(21) PCT/IB02/00775
(22) 14 Mar/mar 2002 (14.03.2002)
(25) en (26) en
(30) 09/816,012 22 Mar/mar 2001 US (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • SUBSIDIZING PUBLIC TRANSPORTATION THROUGH ELECTRONIC COUPONS
• SUBVENTIONNEMENT DE TRANSPORTS PUBLICS PAR L'INTERMEDIAIRE DE COUPONS ELECTRONIQUES

- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **BESLING, Stefan**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **THELEN, Eric**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **ULLRICH, Meinhard, D.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **RÖGGLA, Harald**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP.
- (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 **G07B 15/02**
- (11) **WO 02/077924** (13) A1
- (21) PCT/FR02/00923
- (22) **15 Mar/mar 2002 (15.03.2002)**
- (25) fr (26) fr
- (30) 01/03989 **22 Mar/mar 2001 FR (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR CONTROLLING A VEHICLE PARKING AUTHORISATION
- PROCEDE DE CONTRÔLE D'AUTORISATION DE STATIONNEMENT D'UN VEHICULE
- (71) **FRANCE TELECOM** [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).
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- (72, 75) **PAILLES, Jean-Claude** [FR/FR]; 4, rue des Loisirs, F-14610 Epron (FR). **GENESTIER, Philippe** [FR/FR]; Lieudit "Le Sabot", F-38570 Hurlières (FR). **MICHON, Philippe** [FR/FR]; 40 rue du Viquet, F-14760 Breteville sur Odon (FR).
- (74) **DAUDE, Delphine**; France Telecom R & D/VAT/PI, 38-40, rue du Général Leclerc, F-92794 Issy les Moulineaux Cedex 9 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ **G07B 15/02**
- (11) **WO 02/077925** (13) A1
- (21) PCT/US02/08838
- (22) **25 Mar/mar 2002 (25.03.2002)**
- (25) en (26) en
- (30) 60/277,936 **23 Mar/mar 2001 US (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SYSTEMS AND METHODS FOR EVENT DRIVEN BAGGAGE MANAGEMENT
- SYSTEMES ET PROCEDES DE GESTION DE BAGAGES GUIDEE PAR EVENEMENTS
- (71) **SABRE INC.** [US/US]; 4255 Amon Carter Boulevard, MD 4202, Fort Worth, TX 76155 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CASH, Jerome, E.** [—/US]; Carrollton, TX (US). **OFFUTT, Joseph, R.** [—/US]; Grapevine, TX (US). **YOUREK, John, J.** [—/US]; Bedford, TX (US).
- (74) **GARRETT, Arthur, S.**; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (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 CH CY DE DK ES FI FR GB GR IE 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 **G07B 17/00, 17/02**
- (11) **WO 02/077926** (13) A1
- (21) PCT/DE02/00996
- (22) **19 Mar/mar 2002 (19.03.2002)**
- (25) de (26) de
- (30) 101 13 913.6 **21 Mar/mar 2001 DE (21.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR FRANKING POSTAL DELIVERIES AND A GRAPHICAL USER INTERFACE FOR CARRYING OUT SAID METHOD
- PROCEDE D'AFFRANCHISSEMENT D'ENVOIS POSTAUX ET SURFACE GRAPHIQUE D'UTILISATEUR POUR LA MISE EN OEUVRE DUDIT PROCEDE
- (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) **LANG, Jürgen** [DE/DE]; Schau ins Land 15, 51429 Bergisch Gladbach (DE). **MEYER, Bernd** [DE/DE]; Zum Stöckerhof 2 c, 53639 Königswinter (DE).
- (74) **JOSTARNDT, Hans-Dieter**; Brüsseler Ring 51, 52074 Aachen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **G07C 11/00, A47K 10/00**
- (11) **WO 02/077927** (13) A1
- (21) PCT/SE02/00455
- (22) **13 Mar/mar 2002 (13.03.2002)**
- (25) en (26) en
- (30) 0101025-5 **23 Mar/mar 2001 SE (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DEVICE AND PROCEDURE FOR SURVEILLANCE OF THE USE OF A HYGIENE STATION
- DISPOSITIF ET PROCEDE POUR SURVEILLER L'UTILISATION D'UN EQUIPEMENT D'HYGIENE
- (71) **SCA HYGIENE PRODUCTS AB** [SE/SE]; S-405 03 Göteborg (SE).
- (72) **BROHAGEN, Per**; Hasselvågen 57, S-435 38 Mölnlycke (SE). **SALÅKER, Allan**; Björkallén 2, S-776 70 Vikmanshyttan (SE).
- (74) **ANDERSSON, Per et al.** / etc.; Albihns Göteborg AB, Box 142, S-401 22 Göteborg (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **G07C 11/00, G06F 17/60**
- (11) **WO 02/077928** (13) A1
- (21) PCT/SE02/00577
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) en (26) en
- (30) 0101081-8 **27 Mar/mar 2001 SE (27.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • QUEUE NUMBER SURVEILLANCE
- SURVEILLANCE DE NUMEROS DE FILE D'ATTENTE
- (71) **AB AURORA INVEST** [SE/SE]; Arosplan 3, S-752 36 Uppsala (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEIJONHUFVUD, Carl [SE/SE]; Arosplan 3, S-752 36 Uppsala (SE).

(74) ROMEDAHL, Bengt et al. / etc.; Kransell & Wennborg AB, Box 27834, S-115 93 Stockholm (SE).

(81) AE AG AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G07C 13/00, G06F 17/60

(11) WO 02/077929 (13) A2

(21) PCT/US02/09264

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 09/816,869 24 Mar/mar 2001 US (24.03.2001)

(30) 60/311,680 9 Aug/août 2001 US (09.08.2001)

(30) 60/312,671 15 Aug/août 2001 US (15.08.2001)

(30) 60/313,003 16 Aug/août 2001 US (16.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • VERIFIABLE SECRET SHUFFLES AND THEIR APPLICATION TO ELECTRONIC VOTING

• MELANGES SECRETS VERIFIABLES ET LEUR APPLICATION AU VOTE ELECTRONIQUE

(71) VOTEHERE, INC. [US/US]; Suite 250, 3101 Northup Way, Bellevue, WA 98004 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NEFF, Andrew, C. [US/US]; Suite 250, 3101 Northup Way, Bellevue, WA 98004 (US).

(74) DALEY-WATSON, Christopher, J. et al. / etc.; Perkins Coie LLP, 1201 Third Avenue, Seattle, WA 98101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G07C 13/02, G06F 17/60

(11) WO 02/077930 (13) A1

(21) PCT/ES02/00145

(22) 22 Mar/mar 2002 (22.03.2002)

(25) es (26) es

(30) P 200100683 23 Mar/mar 2001 ES (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELECTRONIC BALLOT-BOX
• URNE ELECTRONIQUE

(71) INDRA SISTEMAS, S.A. [ES/ES]; Velázquez, 132 bloque 2, E-28006 Madrid (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAVARRO JIMÉNEZ, Juan, de Dios [ES/ES]; Velázquez, 132 bloque 2, E-28006 Madrid (ES).

(74) ESTEBAN PEREZ-SERRANO, M^a, Isabel; Explanada 8, E-28040 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G07C 15/00, G06F 17/00, 161/00

(11) WO 02/077931 (13) A1

(21) PCT/NZ02/00038

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 510723 23 Mar/mar 2001 NZ (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LOTTERY SYSTEM

• SYSTEME DE LOTERIE

(71) COOL 123 LIMITED [NZ/NZ]; 16 Byron Avenue, Takapuna, Auckland (NZ).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PIPER, James, William [—/—]; 90 Bassett Road, Remuera, Auckland (NZ). SMITH, Glen, David [—/—]; 5B Northwick Place, Hillcrest, Auckland (NZ).

(74) PIPER, James, William et al. / etc.; Pipers, Unicorn House, 300A Richmond Road, Grey Lynn, Auckland 1002 (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 CH CY DE DK ES FI FR GB GR IE 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 G07D 5/02, 5/00

(11) WO 02/077932 (13) A1

(21) PCT/SE02/00551

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 0101047-9 22 Mar/mar 2001 SE (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A COIN DISCRIMINATING DEVICE AND METHOD, AND A COIN HANDLING MACHINE INCLUDING SUCH A DEVICE AND METHOD

• DISPOSITIF ET PROCEDE DE TRI DE PIECES DE MONNAIE ET MACHINE DE TRAITEMENT DE PIECES DE MONNAIE METTANT EN OEUVRE UN TEL DISPOSITIF ET UN TEL PROCEDE

(71) SCAN COIN INDUSTRIES AB [SE/SE]; Jägershillgatan 26, S-213 75 Malmö (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JÖNSSON, Manfred [SE/SE]; Köpenhamnsvägen 43C, S-217 71 Malmö (SE).

(74) STRÖM & GULLIKSSON IPC AB; P.O. Box 793, S-220 07 Lund (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07D 7/16, 9/00, B65H 9/14

(11) WO 02/077933 (13) A1

(21) PCT/IT01/00152

(22) 28 Mar/mar 2001 (28.03.2001)

(25) it (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND MACHINE FOR COUNTING AND CONTROLLING PAPER MONEY AND CHECKS APT TO ALLOW AUTOMATIC DEPOSITS

• PROCEDE ET MACHINE POUR COMPUTER ET VERIFIER DU PAPIER-MONNAIE ET DES CHEQUES, APT A PERMETTRE DES DEPOTS AUTOMATIQUES

(71, 72) CONTI, Alberto [IT/IT]; Via Nirone, 10, I-20100 Milano (IT). BIANCHI, Michela [IT/IT]; Via Nirone, 10, I-20100 Milano (IT).

(74) PERROTTA, Aldo; Via G. Marconi, 32, I-88068 Soverato (IT).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY 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 G07F

(11) WO 02/077934 (13) A2

(21) PCT/DE02/01018

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 101 14 237.4 22 Mar/mar 2001 DE (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR CARRYING OUT AT LEAST ONE COMMERCIAL TRANSACTION IN RETURN FOR PAYMENT

• PROCEDE ET DISPOSITIF PERMETTANT D'EFFECTUER AU MOINS UNE TRANSACTION A TITRE ONEREUX

(71) CYBEROS GESELLSCHAFT FÜR SICHERHEITSSYSTEME MBH [DE/DE]; Kronprinzenstrasse 54, 22587 Hamburg (DE).
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(72, 75) KRUSE-BRANDAO, Jaques [DE/DE]; Oesterleysstrasse 4, 22587 Hamburg (DE). PLOPPA, Christian [DE/DE]; Quellental 6a, 22609 Hamburg (DE).

(74) HELDT, Gert; Grosse Bleichen 12, 20354 Hamburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 G07F 17/32

(11) WO 02/077935 (13) A2

(21) PCT/US02/09425

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 09/819,152 27 Mar/mar 2001 US (27.03.2001)

(30) 10/106,992 26 Mar/mar 2002 US (26.03.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INTERACTIVE GAME PLAYING PREFERENCES

• PREFERENCES DE JEUX INTERACTIVES

(71) INTERNATIONAL GAME TECHNOLOGY [US/US]; 9295 Prototype Drive, Reno, NV 89511 (US).

(72) LARK, David, R.; 2952 Aspendale Drive, Reno, NV 89503 (US). PAULSEN, Craig, A.; 1350 Monte Vista Drive, Reno, NV 89511 (US). ROWE, Richard, E.; 235 Bluewater Court, Reno, NV 89509 (US).

(74) WEAVER, Jeffrey, K.; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 G07F 19/00, 7/10

(11) WO 02/077936 (13) A1

(21) PCT/EP02/03396

(22) 26 Mar/mar 2002 (26.03.2002)

(25) de (26) de

(30) 101 14 826.7 26 Mar/mar 2001 DE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR CARRYING OUT ELECTRONIC TRANSACTIONS WITH A TERMINAL FOR READING CHIP-CARDS

• PROCEDE DE REALISATION DE TRANSACTIONS ELECTRONIQUES A L'AIDE D'UN TERMINAL LECTEUR DE CARTE A PUCE

(71) SCM MICROSYSTEMS GMBH [DE/DE]; Oskar-Messter-Strasse 13, 85737 Ismaning (DE).
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(72, 75) GENEVOIS, Christophe [FR/FR]; 47, avenue de la Paix, F-13600 La Ciotat (FR).

(74) DEGWERT, Hartmut; Prinz & Partner, Manzingerweg 7, 81241 München (DE).

(81) JP SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ G08B

(11) WO 02/077937 (13) A2

(21) PCT/IB02/01510

(22) 7 Feb/fév 2002 (07.02.2002)

(25) en (26) en

(30) 09/794,655 28 Feb/fév 2001 US (28.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MARINE VESSEL MONITORING SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE SURVEILLANCE DE NAVIRE

(71) BEACON MARINE SECURITY LIMITED [CA/CA]; 206 Laird Drive, Suite 207, Toronto, Ontario M4G 3W5 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(71) PETITJEAN, Géraldine [FR/FR]; 26 rue de Charonne, Boîte 25, F-75011 Paris (FR).
(only for / seulement pour US)

(72, 75) LASH, David, M., C. [CA/CA]; 105 College View Avenue, Toronto, Ontario M5P 1K2 (CA). LASH, Anthony, B. [CA/CA]; 105 College View Avenue, Toronto, Ontario M5P 1K2 (CA).

(74) SAUVAGE, Renée; Cabinet Sauvage, 65, boulevard Soult, F-75012 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G08B 13/14

(11) WO 02/077938 (13) A1

(21) PCT/GB02/01330

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 0107414.5 22 Mar/mar 2001 GB (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PERSONAL PROPERTY ALARM SYSTEM

• SYSTEME D'ALARME CONTRE LE VOL DE BIENS PERSONNELS

(71, 72) LAWRENSON, Frank, Ralph [GB/GB]; Alderville Lodge, Alderville Road, London SW6 3RL (GB). COXEN, Adam, Edmund, Palmer [GB/GB]; 19 Rainville Road, London M6 9HA (GB).

(74) DAVID AIDAN EVERY; MARKS & CLERK, Sussex House, 83-85 Mosley Street, Manchester M2 3LG (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G08B 13/14

(11) WO 02/077939 (13) A1

(21) PCT/US01/51432

- (22) 15 Nov/nov 2001 (15.11.2001)
(25) en (26) en
(30) 60/249,027 16 Nov/nov 2000 US (16.11.2000)
(30) PCT/US01/08992 21 Mar/mar 2001 US (21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • A TAMPER INDICATING RADIO FREQUENCY IDENTIFICATION LABEL WITH TRACKING CAPABILITY
• ETIQUETTE DE SECURITE D'IDENTIFICATION PAR RADIOFREQUENCE A CAPACITE DE DEPISTAGE
(71) MIKOH CORPORATION [US/US]; 2010 Corporate Ridge, Suite 700, McLean, VA 22102 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) ATHERTON, Peter, S. [AU/US]; 2903 Oakton Crest Place, Vienna, VA 22181 (US).
(74) KAMINSKI, Jeffri, A. et al. / etc.; Venable, Baetjer, Howard & Civiletti, LLP, 1201 New York Avenue, NW, Suite 1000, P.O. Box 34385, Washington, DC 20043-9998 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ G08B 13/14, H04Q 5/22, H04L 5/12, 27/06, H04B 1/10
(11) WO 02/077940 (13) A1
(21) PCT/US02/08921
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 60/278,805 26 Mar/mar 2001 US (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • DIGITAL DETECTION FILTERS FOR ELECTRONIC ARTICLE SURVEILLANCE
• FILTRES DE DETECTION NUMERIQUE DESTINES A LA SURVEILLANCE ELECTRONIQUE D'ARTICLES
(71) SENSORMATIC ELECTRONICS CORPORATION [US/US]; 6600 Congress Avenue, Boca Raton, FL 33487 (US).
(72) FREDERICK, Thomas, J.; 4415 Northwest 64th Street, Coconut Creek, FL 33073 (US).
(74) COMOGLIO, Rick, F. et al. / etc.; Sensormatic Electronics Corporation, 6600 Congress Avenue, Boca Raton, FL 33487 (US).
(81) AU CA.

(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 all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations

- (51)⁷ G08B 13/20
(11) WO 02/077941 (13) A1
(21) PCT/KR02/00338
(22) 28 Feb/fév 2002 (28.02.2002)
(25) en (26) en
(30) 2001/15817 27 Mar/mar 2001 KR (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • SECURITY DEVICE FOR DETECTING CHANGE OF AIR PRESSURE AND METHOD THEREOF
• DISPOSITIF DE SECURITE ET PROCEDE PERMETTANT DE DETECTER UN CHANGEMENT DANS LA PRESSION DE L'AIR
(71, 72) CHUN, Soon-Yong [KR/KR]; Hansol Apt. 1-504, Sungrae4-ri, Poonggi-eup, 750-805 Youngjoo-si, Gyung-sangbook-do (KR).
(72, 75) HAN, Sung-Soo [KR/KR]; Hyundai Apt. 107-803, Jungpyung-dong, 712-773 Gyung-san-si, Gyung-sangbook-do (KR).
(74) HAW, Yong-Noke; 8th Fl. Songchon Bldg., 642-15 Yoeksam-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 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 G08B 13/24, G06K 19/07
(11) WO 02/077942 (13) A1
(21) PCT/ES02/00160
(22) 27 Mar/mar 2002 (27.03.2002)
(25) es (26) es
(30) P 200100713 27 Mar/mar 2001 ES (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • ELECTRONIC RECORD OF LUGGAGE, CARGO AND VEHICLES
• ENREGISTREMENT ELECTRONIQUE DE BAGAGES, DE MARCHANDISES ET DE VEHICULES
(71) VARGAS PINEDA, Ignacio [ES/ES]; C/ Luchana, 39-6³ Izda, E-28010 Madrid (ES).
(for all designated States except / pour tous les États désignés sauf US)
(71, 72) RAMOS RODRIGUEZ, Jose [ES/ES]; E-36740 A Portela, Sobrada (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 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 G08B 21/00, 21/02, 25/01
(11) WO 02/077943 (13) A1
(21) PCT/SE02/00514
(22) 19 Mar/mar 2002 (19.03.2002)
(25) en (26) en
(30) 0107522.5 26 Mar/mar 2001 GB (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • A CLOSED USER GROUP ALARM MANAGEMENT SYSTEM WITH A GLOBAL DISTRESS SEARCH AND RESCUE FALLBACK FACILITY
• SYSTEME DE GESTION D'ALARME DESTINE A UN GROUPE FERME D'UTILISATEURS ET UN DISPOSITIF DE RECHERCHE ET DE DETRESSE MONDIALE ET DE GESTION DE SECOURS DE SAUVETAGE

(71) CM HAMMAR UTVECKLING AB [SE/SE]; August Barks gatan 15, S-421 33 Västra Frölunda (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) GORDON, Peter [GB/GB]; c/o Safety Technical Services Ltd., 10 Hollytree Road, Liverpool L25 5PA (GB).
BUTTON, Mark [GB/GB]; 6 Cedar Cottage, Main Road Hallow, Worcester WR2 6PW (GB).

(74) ALBIHNS GÖTEBORG AB; Box 142, S-401 22 Göteborg (SE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM 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).

Published / Publiée : (c)

- (51)⁷ G08B 21/00
(11) WO 02/077944 (13) A1
(21) PCT/US01/16826
(22) 23 May/mai 2001 (23.05.2001)
(25) en (26) en
(30) 09/813,753 21 Mar/mar 2001 US (21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • ELECTRONIC IDENTIFICATION SYSTEM
• SYSTEME D'IDENTIFICATION ELECTRONIQUE
- (71) TECH ENTERPRISES GROUP, INC. [US/US]; 1529 - 108th Avenue, Otsego, MI 49078-9779 (US).
- (72) BOWLING, Michael; 1529 - 108th Avenue, Otsego, MI 49078-9779 (US).
- (74) CARRIER, Robert, J.; Price, Heneveld, Cooper, DeWitt & Litton, 695 Kenmoor, S.E., Post Office Box 2567, Grand Rapids, MI 49501-1967 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 GW ML MR NE SN TD TG).
- Published / Publiée : (a)
-
- (51)⁷ G08G
- (11) WO 02/077945 (13) A2
- (21) PCT/IB02/01996
- (22) 8 Feb/fév 2002 (08.02.2002)
- (25) en (26) en
- (30) 60/267,693 9 Feb/fév 2001 US (09.02.2001)
- (30) 60/274,323 8 Mar/mar 2001 US (08.03.2001)
- (30) 60/289,083 7 May/mai 2001 US (07.05.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • IMPROVED METHOD AND SYSTEM FOR MAPPING TRAFFIC PREDICTIONS WITH RESPECT TO TELEMATICS AND ROUTE GUIDANCE APPLICATIONS
• PROCEDE ET SYSTEME AMELIORES POUR ADAPTER DES PREVISIONS DE TRAFIC A DES APPLICATIONS DE GUIDAGE ROUTIER ET DE TELEMATIQUE
- (71, 72) MINTZ, Yosef [IL/IL]; 14 Savion Street, 49542 Petach Tqkva (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 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 G08G 1/00
- (11) WO 02/077946 (13) A1
- (21) PCT/JP02/02655
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) ja (26) ja
- (30) 2001-81382 21 Mar/mar 2001 JP (21.03.2001)
- (30) 2001-81383 21 Mar/mar 2001 JP (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMMUNAL VEHICLE SYSTEM
• SYSTEME DE PARTAGE DE VEHICULES
- (71) HONDA GIKEN KOGYO KABUSHIKI KAISHA [JP/JP]; 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UEHARA, Takashi [JP/JP]; c/o Honda Engineering Kabushiki Kaisha, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP). SHIMIZU, Tomohide [JP/JP]; c/o Honda Engineering Kabushiki Kaisha, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP). HAMANO, Hiroshi [JP/JP]; c/o Honda Engineering Kabushiki Kaisha, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP). KOKUBU, Mamoru [JP/JP]; c/o Honda Engineering Kabushiki Kaisha, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP). UEHARA, Yuji [JP/JP]; c/o Honda Engineering Kabushiki Kaisha, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP). HAYASE, Shunsuke [JP/JP]; c/o Honda Engineering Kabushiki Kaisha, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP). FUJINUMA, Michio [JP/JP]; c/o Honda Engineering Kabushiki Kaisha, 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 350-1381 (JP).
- (74) SHIGA, Masatake et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).
- (81) 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 G08G 1/01
- (11) WO 02/077947 (13) A1
- (21) PCT/DE02/00946
- (22) 15 Mar/mar 2002 (15.03.2002)
- (25) de (26) de
- (30) 101 14 016.9 22 Mar/mar 2001 DE (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR GENERATING TRAFFIC INFORMATION
• PROCEDE POUR PRODUIRE DES INFORMATIONS DE CIRCULATION
- (71) VODAFONE AG [DE/DE]; Mannesmannufer 3, 40213 Düsseldorf (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ALGER, Michael [DE/DE]; Lärchenweg 6a, 85540 Haar (DE). LANG, Thomas [DE/DE]; Humboldtstrasse 24, 81543 München (DE).
-
- (74) MÜLLER, Thomas; Vollmannstrasse 40, 81927 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA 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)
- Declarations / Déclarations :
(s) for the following designations / 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 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 G08G 19/62
- (11) WO 02/077948 (13) A1
- (21) PCT/FR02/00829
- (22) 7 Mar/mar 2002 (07.03.2002)
- (25) fr (26) fr
- (30) 01/03163 8 Mar/mar 2001 FR (08.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DEVICE FOR DETECTING A RUNNING SURFACE FOR VEHICLE AND VEHICLE USING SAME
• DISPOSITIF DE DETECTION D'UNE SURFACE DE ROULEMENT POUR VEHICULE ET VEHICULE UTILISANT UN TEL DISPOSITIF
- (71) PEUGEOT CITROEN AUTOMOBILES [FR/FR]; 65-71, Boulevard du Château, F-92200 Neuilly Sur Seine (FR). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RIAT, Jean-Christophe [FR/FR]; 63, rue Henri Barbusse, F-95870 Bezons (FR).
- (74) DE CUENCA, Emmanuel; PSA Peugeot Citroën, 18, rue des Fauvelles, F-92250 La Garenne Colombes (FR).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G09B 15/00
- (11) WO 02/077949 (13) A1
- (21) PCT/US02/09508
- (22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en
(30) 09/818,006 27 Mar/mar 2001 US
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND SYSTEM FOR TRAINING A USER OF SOFTWARE FOR PROGRAMMING A PROGRAMMALBE LOGIC KONTROLLER

• PROCEDE ET SYSTEME DESTINES A FORMER UN UTILISATEUR DE LOGICIEL A LA PROGRAMMATION D'UN AUTOMATE PROGRAMMABLE INDUSTRIEL

(71) SCHNEIDER AUTOMATION INC. [US/US]; One High Street, North Andover, MA 01845 (US).

(72) HARRIMAN, Merrill, W.; 11 Atherton Avenue #1, Nashua, NH 03064 (US).

(74) GOLDEN, Larry, I.; General Patent Counsel, Square D Company, 1415 S. Roselle Road, Palatine, IL 60067 (US).

(81) CA MX.

(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 G09F

(11) WO 02/077950 (13) A2

(21) PCT/ES02/00159

(22) 27 Mar/mar 2002 (27.03.2002)

(25) es (26) es

(30) U 200100761 28 Mar/mar 2001 ES
(28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPROVED ADVERTISING DISPLAY
• AFFICHAGE PUBLICITAIRE AME-LIORE

(71, 72) HURTADO CABELLO, Juan José [ES/ES]; c/Gomezanarro, 492 - 2^a Izda., E-28043 Madrid (ES).

(74) PLAZA FERNANDEZ-VILLA, Luis; c/ Francisco Gervas, 11-3^a D, E-28020 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09F 3/18, 3/20, A44C 3/00

(11) WO 02/077951 (13) A1

(21) PCT/BE01/00054

(22) 26 Mar/mar 2001 (26.03.2001)

(25) nl (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IDENTIFICATION DEVICE
• DISPOSITIF D'IDENTIFICATION

(71, 72) WAKSBOJM, Hans [BE/BE]; Squarre Margueritte 10, bus 6, B-1000 Brussel (BE).

(74) HOORWEG, Petrus, Nicolaas; Arnold & Siedsma, Louiza-Marialei 8, B-2018 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 G09F 9/00, G11B 31/00, F16C 11/04

(11) WO 02/077952 (13) A1

(21) PCT/JP02/02791

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-83321 22 Mar/mar 2001 JP
(22.03.2001)

(30) 2001-197541 28 Jun/juin 2001 JP
(28.06.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DISPLAY UNIT
• UNITE D'AFFICHAGE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YANO, Kazuyoshi [JP/JP]; c/o Sony Engineering Corporation, 9-17, Nishigotanda 3-chome, Shinagawa-ku, Tokyo 141-0031 (JP). YABUKI, Keiko [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). HASHIMOTO, Takaaki [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) MATSUKUMA, Hidemori; Shinjuku Bldg., 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (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 G09F 13/04

(11) WO 02/077953 (13) A1

(21) PCT/US02/09062

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/277,549 21 Mar/mar 2001 US
(21.03.2001)

(30) 60/277,551 21 Mar/mar 2001 US
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ILLUMINATED DISPLAY SYSTEM
• SYSTEME D'AFFICHAGE LUMINEUX

(71) LUMIMOVE, INC. [US/US]; 950 Bolger Court, Fenton, MO 63026 (US).

(72) MURASKO, Matthew; 408 Marine Avenue, Manhattan Beach, CA 90266 (US). KINLEN, Patrick, J.; 1348 Remington Oaks Terrace, Fenton, MO 63026 (US).

(74) RUDY, William, A.; Lathrop & Gage LC, Suite 2800, 2345 Grand Boulevard, Kansas City, MO 64108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 G09F 21/02

(11) WO 02/077954 (13) A1

(21) PCT/US02/08693

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/814,210 21 Mar/mar 2001 US
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HAND-HELD DISPLAY BOARD WITH CHANGEABLE CARDS
• PANNEAU D'AFFICHAGE MANUEL A CARTES POUVANT ETRE CHANGEES

(71, 72) SPELMAN, Jim [US/US]; 13388 South Horrell Road, Fenton, MI 48430-3000 (US).

(74) MCEVOY, Douglas, J. et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., 280 N. Old Woodward Ave., Suite 400, Birmingham, MI 48009 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G09F 23/00

(11) WO 02/077955 (13) A2

(21) PCT/GB02/00805

(22) 25 Feb/fév 2002 (25.02.2002)

(25) en (26) en

(30) 0107044.0 21 Mar/mar 2001 GB
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • ADVERTISING TERMINAL
• TERMINAL PUBLICITAIRE
- (71) NCR INTERNATIONAL, INC [US/US]; 1700 South Patterson Boulevard, Dayton, OH 45479 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BLACK, Jonathan, Simon [GB/GB]; 24 Windsor Street, Dundee DD2 1BN (GB). SMITH, Martin, Reginald [GB/GB]; Flat 2FL, 52 Roseangle, Dundee (GB). ZUCKERT, Derek [GB/GB]; 8 Glebe Road, Edinburgh EH12 7SF (GB).
- (74) WILLIAMSON, Brian; NCR Limited, International Patent Department, 206 Marylebone Road, London NW1 6LY (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/077956 (13) A2
(21) PCT/IB02/00485
(22) 18 Feb/fév 2002 (18.02.2002)
(25) en (26) en
(30) 01201166.4 27 Mar/mar 2001 EP (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DISPLAY DEVICE AND METHOD OF DISPLAYING AN IMAGE
• DISPOSITIF D'AFFICHAGE ET PROCEDE POUR AFFICHER UNE IMAGE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) KLOMPENHOUWER, Michiel, A.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LUNN, Geoffrey; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) DEGUELLE, Wilhelmus, H., G.; Internationaal Octroobureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN IN JP KR RU.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ G09G 3/30, 3/20
(11) WO 02/077957 (13) A1
(21) PCT/JP02/02495
(22) 15 Mar/mar 2002 (15.03.2002)
(25) ja (26) ja
(30) 2001-83514 22 Mar/mar 2001 JP (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SELF-LUMINOUS DISPLAY
• AFFICHAGE AUTO-LUMINESCENT
- (71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IWATA, Shuji [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP). OKABE, Masashi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP). INOUE, Mitsuo [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP). YAMAMOTO, Takashi [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 G09G 3/30
(11) WO 02/077958 (13) A1
(21) PCT/JP02/02593
(22) 19 Mar/mar 2002 (19.03.2002)
(25) ja (26) ja
(30) 2001-81880 22 Mar/mar 2001 JP (22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CIRCUIT FOR DRIVING ACTIVE-MATRIX LIGHT-EMITTING ELEMENT
• CIRCUIT SERVANT A ALIMENTER UN ELEMENT D'EMISSION LUMINEUSE A MATRICE ACTIVE
- (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) NAKAMURA, Hiroyuki [JP/JP]; 11-8, Morinosato 2-chome, Atsugi-shi, Kanagawa 243-0122 (JP). KONDO, Shigeki [JP/JP]; 4-7, Minamihara 2-chome, Hiratsuka-shi, Kanagawa 254-0065 (JP).
- (74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (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 G09G 3/36, 3/34, 3/20, G02F 1/133
(11) WO 02/077959 (13) A1
(21) PCT/JP02/02636
(22) 20 Mar/mar 2002 (20.03.2002)
(25) ja (26) ja
(30) 2001-088162 26 Mar/mar 2001 JP (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • IMAGE DISPLAY AND DISPLAYING METHOD
• SYSTEME D'AFFICHAGE D'IMAGE ET PROCEDE D'AFFICHAGE
- (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) FUNAMOTO, Taro [JP/JP]; 3-D-102, Onoharahigashi 5-chome, Mino-shi, Osaka 562-0031 (JP). MACHIDORI, Wataru [JP/JP]; 141-3-701, Higashisonodacho 4-chome, Amagasaki-shi, Hyogo 661-0953 (JP). ARIMOTO, Katsuyuki [JP/JP]; 2-2033-9, Tsudakadai, Okayama-shi, Okayama 701-1151 (JP). OHTA, Yoshihito [JP/JP]; 6-113, Hanajirikikyomachi, Okayama-shi, Okayama 701-0132 (JP). KOBAYASHI, Takahiro [JP/JP]; 273-4-207, Higashikawara, Okayama-shi, Okayama 703-8255 (JP). KUMAMOTO, Yasuhiro [JP/JP]; 28-13-102, Ikedanakamachi, Neyagawa-shi, Osaka 572-0074 (JP). KARIYA, Tetsuo [JP/JP]; 3-5-26-301, Ayukawa, Ibaraki-shi, Osaka 567-0831 (JP).
- (74) OGASAWARA, Shiro; Daisan-Longev' Bldg., 3-11, Enokicho, Suita-shi, Osaka 564-0053 (JP).
- (81) 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).
-
- (51)⁷ G09G 5/00
(11) WO 02/077960 (13) A1
(21) PCT/US01/45808
(22) 5 Dec/déc 2001 (05.12.2001)
(25) en (26) en
(30) 09/820,083 27 Mar/mar 2001 US (27.03.2001)
(30) 09/820,331 27 Mar/mar 2001 US (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMPLETION STATUS INDICATOR FOR ELECTRONIC PROGRAM GUIDE
• TMOIN D'ETAT D'ACHEVEMENT DE PROGRAMME POUR GUIDE DE PROGRAMME ELECTRONIQUE
- (71) DIGEO, INC. [US/US]; 8815 122nd Avenue NE, Kirkland, WA 98033 (US).
- (72) BROADUS, Charles; 16332 110th Avenue NE, Bothell, WA 98011 (US).
- (74) CHRISTENSEN, Kory; Stael Rives LLP, One Utah Center, 201 So. Main Street, Suite 1100, Salt Lake City, UT 84111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 G09G 5/00, G05B 15/02, 19/18, 23/02
(11) WO 02/077961 (13) A1
(21) PCT/US02/03976
(22) 8 Feb/fév 2002 (08.02.2002)

- (25) en (26) en
(30) 09/780,490 9 Feb/fév 2001 US
(09.02.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • WEB-BASED SYSTEM FOR MONITORING AND/OR CONTROLLING HOME DEVICES
• SYSTEME ACCESSIBLE SUR INTERNET POUR SURVEILLANCE ET/OU COMMANDE DE DISPOSITIF DOMESTIQUES
- (71) UNWIREIT.COM, INC. [US/US]; 200 Sheridan Avenue, Suite 103, Palo Alto, CA 94306 (US).
- (72) GRAZIANO, Marco; 2332 Eastridge Avenue, Menlo Park, CA 94025 (US). GODDARD, Christina; 345 Sheridan Avenue, #408, Palo Alto, CA 94306 (US). OVER, Andrew; 345 Sheridan Avenue, #209, Palo Alto, CA 94306 (US). KASSIMIDIS, Stathis; 21365 Santos Street, Hayward, CA 94541 (US).
- (74) BRIGGS, Todd, M.; Skjerven Morrill MacPherson 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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G09G 5/00
(11) WO 02/077962 (13) A1
(21) PCT/US02/06814
(22) 7 Mar/mar 2002 (07.03.2002)
(25) en (26) en
(30) 60/278,705 26 Mar/mar 2001 US
(26.03.2001)
(30) 60/285,715 23 Apr/avr 2001 US
(23.04.2001)
(30) 09/682,958 2 Nov/nov 2001 US
(02.11.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • STYLUS WITH LIGHT EMITTING DIODE
• STYLET À DIODE PHOTO-ÉMETTRICE
- (71, 72) COOK, Brandt, A. [US/US]; 1270 South Avenue, Apt. 4, Barberton, OH 44203 (US).
- (74) WAGNER, LOUIS, F.; Buckingham, Doolittle & Burroughs, LLP, 50 South Main Street, Akron, OH 44308 (US).
- (81) AU BR CA CN IL JP KP NO ZA.
- (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 G09G 5/00
(11) WO 02/077963 (13) A1
(21) PCT/US02/08581
(22) 19 Mar/mar 2002 (19.03.2002)
(25) en (26) en
(30) 60/277,746 21 Mar/mar 2001 US
(21.03.2001)
(30) 09/847,977 2 May/mai 2001 US
(02.05.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SYSTEM AND METHOD FOR SELECTING FUNCTIONS BASED ON A FINGER-TYPE-MECHANISM FEATURE SUCH AS A FINGERPRINT
• SYSTEME ET PROCEDE DESTINES A SELECTIONNER DES FONCTIONS AU MOYEN D'UNE CARACTERISTIQUE DE MECANISME DE TYPE DOIGT TEL QU'UNE EMPREINTE
- (71) MULTIDIGIT, INC. [US/US]; 824 Tolman Street, Stanford, CA 94305 (US).
- (72) MATUSIS, Alec; 824 Tolman Street, Stanford, CA 94305 (US).
- (74) ALBOSZTA, Marek; Lumen, 45 Cabot Avenue, Suite 110, Santa Clara, CA 95051 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR 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 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 G09G 5/00, 5/08
(11) WO 02/077964 (13) A1
(21) PCT/US02/09263
(22) 25 Mar/mar 2002 (25.03.2002)
(25) en (26) en
(30) 09/818,031 26 Mar/mar 2001 US
(26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMBINED KEYBOARD AND MOUSE
• CLAVIER COMBINE ET SOURIS
- (71, 72) ABE, Toshiyasu [US/US]; 4815 Somerset Drive SE, Bellevue, WA 98006-3432 (US).
- (74) SMITH, Michael, S.; Black Lowe & Graham PLLC, 816 Second Avenue, Seattle, WA 98104 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ G09G 5/24, G06T 5/30
(11) WO 02/077965 (13) A1
(21) PCT/JP02/02786
(22) 22 Mar/mar 2002 (22.03.2002)
(25) ja (26) ja
(30) 2001-130346 23 Mar/mar 2001 JP
(23.03.2001)
(30) 2001-364188 29 Nov/nov 2001 JP
(29.11.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CHARACTER PROCESSING METHOD BASED ON OUTLINE FONT INFORMATION, AND COMPUTER SOFTWARE PROGRAM PRODUCT FOR ALLOWING COMPUTER SYSTEM TO EXECUTE THE METHOD
• PROCEDE DE TRAITEMENT DE CARACTERES BASE SUR DES INFORMATIONS DE POLICE CONTOUR, ET PRODUIT DE PROGRAMME LOGICIEL INFORMATIQUE PERMETTANT AU SYSTEME INFORMATIQUE DE METTRE EN OEUVRE CE PROCEDE
- (71) RISE KABUSHIKI KAISHA [JP/JP]; 3-9-15, Tsutsujigaoka, Miyagino-ku, Sendai-shi, Miyagi 983-0852 (JP).
- (72) ITO, Masatoshi; c/o RISE KABUSHIKI KAISHA, 3-9-15, Tsutsujigaoka, Miyagino-ku, Sendai-shi, Miyagi 983-0852 (JP). FUTAKUCHI, Shunsuke; c/o RISE KABUSHIKI KAISHA, 3-9-15, Tsutsujigaoka, Miyagino-ku, Sendai-shi, Miyagi 983-0852 (JP).
- (74) OMORI, Junichi; 4th Floor, Matrice Bldg., 2-13-7, Minamiaoyama, Minato-ku, Tokyo 107-0062 (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 UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G10H 1/00
(11) WO 02/077966 (13) A2
(21) PCT/IB02/00988
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 60/278,319 23 Mar/mar 2001 US
(23.03.2001)
(30) 09/998,033 29 Nov/nov 2001 US
(29.11.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SYNCHRONIZING TEXT/VISUAL INFORMATION WITH AUDIO PLAYBACK

- SYNCHRONISATION D'INFORMATIONS TEXTUELLES/VISUELLES AU MOYEN D'UN LECTEUR AUDIO
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **LI, Dongge**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **TROVATO, Karen**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **RAMASWAMY, Muralidharan**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **GRAVENDEEL, Cornelis**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **G10K**
- (11) **WO 02/077967** (13) A2
- (21) PCT/US02/09170
- (22) **27 Mar/mar 2002 (27.03.2002)**
- (25) en (26) en
- (30) 60/279,185 **27 Mar/mar 2001 US (27.03.2001)**
- (30) Not furnished / **25 Mar/mar 2002 US non communiqué (25.03.2002)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • A DEVICE AND METHOD FOR INSERTING ACOUSTICAL DAMPERS INTO EARPHONES
- DISPOSITIF ET PROCÉDE D'INSERTION D'AMORTISSEURS ACOUSTIQUES DANS DES ECOUTEURS
- (71) **SHURE INCORPORATED** [US/US]; 222 Hartrey Avenue, Evanston, IL 60202-3696 (US).
- (72) **WUBKER, John, J.**; 2417 Sand Lake Road, Lindenhurst, IL 60046 (US).
- (74) **SHULL, Jason, S.**; Banner & Witcoff, Ltd., Suite 3000, Ten 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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; (i) for all designations / pour toutes les désignations
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- (51)⁷ **G10K 11/175, 11/16**
- (11) **WO 02/077968** (13) A1
- (21) PCT/BE02/00044
- (22) **25 Mar/mar 2002 (25.03.2002)**
- (25) fr (26) fr
- (30) 01870065.8 **27 Mar/mar 2001 EP (27.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • WALLS OR PARTITIONS HAVING ADJUSTABLE ACOUSTIC ABSORPTION AND/OR INSULATION PROPERTIES
- ENVELOPPES OU PAROIS PRESENTANT DES PROPRIETES AJUSTABLES D'ISOLEMENT ET/OU D'ABSORPTION ACOUSTIQUE
- (71) **RECHERCHE ET DEVELOPPEMENT DU GROUPE COCKERILL-SAMBRE** [BE/BE]; Bld de Colonster B57, B-4000 Liège (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GOFFAUX, Cécile** [BE/BE]; Rue de l'Abbaye 23, B-5336 Courrière (BE). **KERGEN, Richard** [BE/BE]; Rue de la Gare 10/1, B-4347 Fexhe-le-Haut Clocher (BE). **MAGAIN, Pascal** [BE/BE]; Rue d'Espe 21a, B-6470 Montbliart (BE). **MASERI, Fabrizio** [BE/BE]; Rue Joseph Bouché 51, B-5310 Bolinne (BE).
- (74) **VAN MALDEREN, Michel** et al. / etc.; Office Van Malderen, Bld de la Sauvenière 85/043, B-4000 Liège (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **G10K 11/22**
- (11) **WO 02/077969** (13) A1
- (21) PCT/DE02/01045
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) de (26) de
- (30) 101 14 397.4 **23 Mar/mar 2001 DE (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SOUND TRANSMISSION DEVICE FOR A MOTOR VEHICLE
- DISPOSITIF DE TRANSMISSION DE SON POUR VEHICULE AUTOMOBILE
- (71) **MAHLE FILTERSYSTEME GMBH** [DE/DE]; Pragstrasse 54, 70376 Stuttgart (DE). **BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT** [DE/DE]; Petuelring 130, 80809 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOFFMANN, Reinhard** [DE/DE]; Dresdnerstrasse 46, 80993 München (DE). **BRODESSER, Kay** [DE/DE]; Daimlerstrasse 19, 71277 Rutesheim (DE). **LINDNER, Udo** [DE/DE]; Wiesenweg 28, 85757 Karlsfeld (DE).
- (74) **BERNHARD, Uwe**; Patentanwalts-Partnerschaft Rotermond + Pfusich, Waiblinger Strasse 11, 70372 Stuttgart (DE).
- (81) 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)
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- (51)⁷ **G10L 13/00, 13/08**
- (11) **WO 02/077970** (13) A1
- (21) PCT/JP02/02758
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) ja (26) ja
- (30) 2001-82024 **22 Mar/mar 2001 JP (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SPEECH OUTPUT APPARATUS
- APPAREIL À SORTIE VOCALE
- (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) **KOBAYASHI, Erika** [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **AKABANE, Makoto** [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **NITTA, Tomoaki** [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **KISHI, Hideki** [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **HORINAKA, Rika** [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **TAKEDA, Masashi** [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) **INAMOTO, Yoshio**; 711 Building 4F, 11-18, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G10L 15/00**
- (11) **WO 02/077971** (13) A1
- (21) PCT/US01/43189
- (22) **20 Nov/nov 2001 (20.11.2001)**
- (25) en (26) en
- (30) 60/252,562 **22 Nov/nov 2000 US (22.11.2000)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • REAL TIME INTERNET TRANSCRIPT PRESENTATION SYSTEM
- SYSTEME DE PRESENTATION EN TEMPS REEL D'AUDIOSCRIPTS D'UNE EMISSION EN DIRECT DIFFUSEE SUR L'INTERNET
- (71) **WILLIAMS COMMUNICATIONS, LLC** [US/US]; 1 Technology Center, Tulsa, Oklahoma 74103 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAMAN, Mithila [US/US]; 7855 Paseo Santa Cruz, Pleasanton, CA 94566 (US). FEIG, Andrew [US/US]; 303 Smith Street, Merrick, NY 11566 (US). EDGE, Sam [US/US]; 9733 William Brown Drive, Germantown, TN 38139 (US).

(74) SANGALLI, Diana, M. et al. / etc.; Fulbright & Jaworski L.L.P., 1301 McKinney, Suite 5100, Houston, Texas 77010-3095 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G10L 15/00

(11) WO 02/077972 (13) A1

(21) PCT/US02/10000

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/279,116 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HEAD-WORN, TRIMODAL DEVICE TO INCREASE TRANSCRIPTION ACCURACY IN A VOICE RECOGNITION SYSTEM AND TO PROCESS UNVOCALIZED SPEECH

• DISPOSITIF TRIMODAL PORTE SUR LA TETE DESTINE A AUGMENTER LA PRECISION DE TRANSCRIPTION DANS UN SYSTEME DE RECONNAISSANCE VOCALE ET A TRAITER LA PAROLE NON VOCALISEE

(71) RAST ASSOCIATES, LLC [US/US]; 111 West Ocean Boulevard, 23rd Floor, P.O. Box 1070, Long Beach, Ca 90801 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAHR, Roy, J. [US/US]; 944 Hammond Street, Los Angeles, CA 90069 (US).

(74) BRAINARD, Charles, R. et al. / etc.; Kenyon & Kenyon, 1 Broadway, New York, NY 10004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES

FI FR GB GR IE 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 G10L 15/00

(11) WO 02/077973 (13) A1

(21) PCT/US02/07833

(22) 14 Mar/mar 2002 (14.03.2002)

(25) en (26) en

(30) 09/815,726 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • WEB-BASED SPEECH RECOGNITION WITH SCRIPTING AND SEMANTIC OBJECTS

• RECONNAISSANCE VOCALE BASEE SUR LE WEB FAISANT INTERVENIR DES SCRIPTS ET DES OBJETS SEMANTIQUES

(71) ELIZA CORPORATION [US/US]; Suite 350C, 100 Cummings Center, Beverly, MA 01915 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KROEKER, John [US/US]; 100 Ortings Road, Hamilton, MA 01936 (US). BOULANOV, Oleg [RU/US]; 10 Folly Pond Road #13, Beverly, MA 01915 (US).

(74) MELLO, David, M.; McDermott, Will & Emery, 28 State Street, Boston, MA 02109 (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 US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G10L 15/22, 15/18

(11) WO 02/077974 (13) A1

(21) PCT/DE02/01042

(22) 22 Mar/mar 2002 (22.03.2002)

(25) de (26) de

(30) 101 15 051.2 27 Mar/mar 2001 DE (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE AND METHOD FOR SPEECH RECOGNITION

• DISPOSITIF ET PROCEDURE DE RECONNAISSANCE VOCALE

(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) WALL, Holger [DE/DE]; Leibnizstrasse 36, 31134 Hildesheim (DE). GAERTNER, Ulrich [DE/DE]; Gerberweg 2, 31171 Nordstemmen (DE).

(81) 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 G10L 15/26

(11) WO 02/077975 (13) A1

(21) PCT/IB02/00932

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 01890097.7 27 Mar/mar 2001 EP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD TO SELECT AND SEND TEXT MESSAGES WITH A MOBILE

• PROCEDURE DE SELECTION ET DE TRANSMISSION DE MESSAGES ALPHABETIQUES VIA UN MOBILE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) HOLLEY, Martin; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HUBER, Karin; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) RÖGGLA, Harald; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G10L 15/26

(11) WO 02/077976 (13) A1

(21) PCT/US02/09045

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 09/814,576 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF PERFORMING SPEECH RECOGNITION OF DYNAMIC UTTERANCES

• PROCEDURE D'EXECUTION DE LA RECONNAISSANCE VOCALE D'ENONCES DYNAMIQUES

(71) EMPIRIX INC. [US/US]; 1430 Main Street, Waltham, MA 02451 (US).

(72) ZIEGELMILLER, Daniel; 11 Mettacomett Path, Harvard, MA 01451-1822 (US).

(74) ROUILLE, David, W. et al. / etc.; Daly, Crowley & Mofford, LLP, Suite 101, 275 Turnpike Street, Canton, MA 02021-2310 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ G10L 21/02, H03G 5/00, 3/20
(11) WO 02/077977 (13) A1
(21) PCT/FR02/01022
(22) 25 Mar/mar 2002 (25.03.2002)
(25) fr (26) fr
(30) 01/04194 28 Mar/mar 2001 FR (28.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD AND DEVICE FOR CENTRALISED CORRECTION OF SPEECH TONE ON A TELEPHONE COMMUNICATION NETWORK
• PROCEDE ET DISPOSITIF DE CORRECTION CENTRALISEE DU TIMBRE DE LA PAROLE SUR UN RESEAU DE COMMUNICATIONS TELEPHONIQUES
- (71) FRANCE TELECOM (SA) [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAHE, Gaël [FR/FR]; 5, rue de la Mairie, F-22300 Lannion (FR). GILLOIRE, André [FR/FR]; 7, rue Yann Péron, F-22300 Lannion (FR).
- (74) BEAUFILS, Yves; 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(u) *for / pour US only / seulement*
-
- (51)⁷ G11B 5/09, 3/90
(11) WO 02/077978 (13) A1
(21) PCT/US02/09067
(22) 25 Mar/mar 2002 (25.03.2002)
(25) en (26) en
(30) 09/818,055 26 Mar/mar 2001 US (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • AN IMPROVED METHOD AND APPARATUS FOR LASER POWER CONTROL DURING RECORDING
• PROCEDE ET APPAREIL AMELIORES DE COMMANDE DE PUISSANCE D'UN LASER LORS D'UN ENREGISTREMENT
- (71) OAK TECHNOLOGY, INC. [US/US]; 139 Kifer Court, Building 1, Sunnyvale, CA 94086 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SALMONSEN, Daniel, R. [US/US]; 18556 Aspesi Drive, Saratoga, CA 95070 (US). KELLY, John [US/US]; 428 Oak Court, Menlo Park, CA 94025 (US).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G11B 5/48
(11) WO 02/077979 (13) A1
(21) PCT/CN01/00536
(22) 28 Mar/mar 2001 (28.03.2001)
(25) en (26) en
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • WIRELESS SUSPENSION SALVAGE METHOD
• PROCEDE DE RECUPERATION DE SUSPENSION SANS FIL
- (71) SAE MAGNETICS (H.K.) LTD. [CN/CN]; SAE Tower, 38-42 Kwai Fung Crescent, Kwai Chung, N.T., Hong Kong (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WONG, Xiaoming [CN/CN]; Winnerway Industrial Area, Huangcun, Dongguan City, Guangdong Province (CN). TAO, Feng, Rock [CN/CN]; Winnerway Industrial Area, Huangcun, Dongguan City, Guangdong Province (CN). YANG, Wei [CN/CN]; Winnerway Industrial Area, Huangcun, Dongguan City, Guangdong Province (CN). PENG, Di [CN/CN]; Winnerway Industrial Area, Huangcun, Dongguan City, Guangdong Province (CN). YAO, Minggao [CN/CN]; Winnerway Industrial Area, Huangcun, Dongguan City, Guangdong Province (CN).
- (74) CHINA PATENT AGENT (H.K.) LTD.; 22/F, Great Eagle Centre, 23 Harbour Road, Wanchai, Special Administrative Region Hong Kong (CN).
- (81) CN US.
-
- (51)⁷ G11B 5/48, 7/085, 21/12
(11) WO 02/077980 (13) A1
(21) PCT/US02/08556
(22) 19 Mar/mar 2002 (19.03.2002)
(25) en (26) en
(30) 09/815,293 21 Mar/mar 2001 US (21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • DISK DRIVE ACTUATOR AND METHOD OF MAKING SAME
• ORGANE DE COMMANDE D'UNITE DE DISQUE ET SON PROCEDE DE FABRICATION
- (71) DATAPLAY, INC. [US/US]; 2560 55th Street, Boulder, CO 8301-5706 (US).
- (72) FREEMAN, Robert, David; 4747 Anne Place, Erie, CO 80516 (US). BERG, Thomas, Edward; 4801 Chippendale Drive, Fort Collins, CO 80526 (US). NISS, David, William; 5466 La Plata Circle, Boulder, CO 80301 (US). RAYMOND, Peter, Jeffrey; 7501 Weld County Road 7, Erie, CO 80516 (US).
- (74) MACPHERSON, Alan, H. et al. / etc.; Skjerven Morrill MacPherson LLP, 25 Metro Drive, Suite 700, San Jose, CA 95110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G11B 5/49
(11) WO 02/077981 (13) A1
(21) PCT/IT02/00185
(22) 22 Mar/mar 2002 (22.03.2002)
(25) it (26) en
(30) MI2001A000634 23 Mar/mar 2001 IT (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • ELECTRONIC IC DEVICE WITH MULTIPLE FIXED HEADS FOR READING AND WRITING DATA FROM/ON MAGNETIC MEDIA FORMING DIGITAL COMPUTER MASS STORES
• DISPOSITIF DE CIRCUIT INTEGRE ELECTRONIQUE A TETES FIXES MULTIPLES DESTINE A L'ECRITURE ET A LA LECTURE DE DONNEES SUR SUPPORT MAGNETIQUE, FORMANT UN STOCKAGE INFORMATIQUE NUMERIQUE DE MASSE
- (71, 72) GEROTTO, Alessio [IT/IT]; Viale Ca'Granda, 14, I-20162 Milano (IT). GABBI, Giorgio [IT/IT]; Via Latisana, 4, I-20159 Milano (IT). FORTE, Francis, A. [US/US]; Chenut Lane, 155 Hamden, 06518-1603 (US).
- (74) CIGOGNA, Franco; Ufficio Internazionale Brevetti, Dott. Prof. Franco Cicogna, Via Visconti di Modrone 14/A, I-20122 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 7/0045

(11) WO 02/077982 (13) A1

(21) PCT/JP02/02930

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ja (26) ja

(30) 2001-91254 27 Mar/mar 2001 JP
(27.03.2001)

(30) 2001-94067 28 Mar/mar 2001 JP
(28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • OPTICAL DISK DEVICE
• DISQUE OPTIQUE

(71) MITSUMI ELECTRIC CO., LTD. [JP/JP];
8-2, Kokuryo-cho 8-chome, Chofu-shi, Tokyo
182-8557 (JP).
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les États désignés sauf US)*

(72, 75) ANDO, Junichi [JP/JP]; c/o Mitsumi
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1601, Sakai, Atsugi-shi, Kanagawa 243-8533
(JP).

(74) ASAHI, Kazuo et al. / etc.; Nishi-shinbashi
Noa Bldg. 4th Floor, 18-9, Nishi-shinbashi
1-chome, Minato-ku, Tokyo 105-0003 (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 G11B 7/085, 7/095, 7/22

(11) WO 02/077983 (13) A1

(21) PCT/US02/08562

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 09/815,377 21 Mar/mar 2001 US
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TILT FOCUS METHOD AND MECHA-
NISM FOR AN OPTICAL DRIVE
• PROCEDE ET MECANISME DE
CONCENTRATION A INCLINAISON
D'UN LECTEUR OPTIQUE

(71) DATAPLAY, INC. [US/US]; 2560 55th
Street, Boulder, CO 8301-5706 (US).

(72) FREEMAN, Robert, David; 4747 Anne
Place, Erie, CO 80516 (US). BERG,
Thomas, Edward; 4801 Chippendale Drive,
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William; 5466 La Plata Circle, Boulder, CO
80301 (US). RAYMOND, Peter, Jeffrey;
7501 Weld County Road 7, Erie, CO 80516
(US).

(74) MACPHERSON, Alan, H. et al. / etc.;
Skjerven Morrill MacPherson LLP, 25 Metro
Drive, Suite 700, San Jose, CA 95110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 G11B 7/24, C09B 11/28, C07D 311/82,
213/20

(11) WO 02/077984 (13) A1

(21) PCT/EP02/03095

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 101 15 227.2 28 Mar/mar 2001 DE
(28.03.2001)

(30) 101 17 462.4 6 Apr/avr 2001 DE
(06.04.2001)

(30) 101 36 064.9 25 Jul/juil 2001 DE
(25.07.2001)

(30) 101 36 063.0 25 Jul/juil 2001 DE
(25.07.2001)

(30) 102 02 571.1 24 Jan/jan 2002 DE
(24.01.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • OPTICAL DATA CARRIER CONTAIN-
ING A XANTHENE DYE IN THE IN-
FORMATION LAYER THEREOF AS A
LIGHT-ABSORBING COMPOUND
• SUPPORT DE DONNEES OPTIQUE
RENFERMANT DANS LA COUCHE
D'INFORMATION UN COLORANT AU
XANTHENE EN TANT QUE COMPOSE
ABSORBANT LA LUMIERE

(71) BAYER AKTIENGESELLSCHAFT
[DE/DE]; 51368 Leverkusen (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) BERNETH, Horst [DE/DE]; Erfurter
Str. 1, 51373 Leverkusen (DE). BRÜDER,
Friedrich-Karl [DE/DE]; En de Siep 34,
47802 Krefeld (DE). HAESE, Wilfried
[DE/DE]; Osenauer Str. 32, 51519 Odenthal
(DE). HAGEN, Rainer [DE/DE]; Dam-
aschkestr. 2a, 51373 Leverkusen (DE). HAS-
SENRÜCK, Karin [DE/DE]; Schleheweg
28, 40468 Düsseldorf (DE). KOSTRO-
MINE, Serguei [RU/DE]; Katharinen-
str. 28, 53913 Swisttal (DE). LANDEN-
BERGER, Peter [DE/DE]; Lübecker
Str. 1, 50668 Köln (DE). OSER, Rafael
[DE/DE]; Buschstr. 171, 47800 Krefeld
(DE). SOMMERMANN, Thomas [DE/DE];
Altenberger-Dom-Str. 69, 51467 Bergisch
Gladbach (DE). STAWITZ, Josef-Walter
[DE/DE]; Am Hagen 1, 51519 Odenthal
(DE). BIERINGER, Thomas [DE/DE]; Am
Pützchen 25, 51519 Odenthal (DE).

(74) BAYER AKTIENGESELLSCHAFT;
51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Declaration / Déclaration :

*(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU AZ
BA BB BG BR BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA
ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ
TM) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR) OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD TG)*

(51)⁷ G11B 7/26, B29C 65/48 // B29L 17/00

(11) WO 02/077985 (13) A1

(21) PCT/EP02/02213

(22) 1 Mar/mar 2002 (01.03.2002)

(25) de (26) de

(30) 101 13 833.4 21 Mar/mar 2001 DE
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE FOR JOINING SUBSTRATES
• DISPOSITIF D'ASSEMBLAGE DE
SUBSTRATS

(71) STEAG HAMATECH AG [DE/DE]; Ferdin-
and-von-Steinbeis-Ring 10, 75447 Sternens-
fels (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) HUPP, Alexander [DE/DE]; Just.
Kerner Strasse 2, 75056 Sulzfeld (DE).
SPEER, Ulrich [DE/DE]; Sennigstrasse 6/2,
75239 Eisingen (DE). WAGNER, Roland
[DE/DE]; Hirschstrasse 19, 75015 Bretten
(DE). MICHELS, Frank [DE/DE]; Schiller-
strasse 49D, 75438 Knittlingen (DE).

(81) CA CN IL JP KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ G11B 9/14

(11) WO 02/077986 (13) A2

(21) PCT/IB02/00783

(22) 14 Mar/mar 2002 (14.03.2002)

(25) en (26) en

(30) 01810297.0 23 Mar/mar 2001 EP
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • APPARATUS AND METHOD FOR
STORING AND READING HIGH DATA
CAPACITIES

• APPAREIL ET PROCEDE DE STO-
CKAGE ET DE LECTURE DE CAPA-
CITES DE DONNEES ELEVEES.

(71) INTERNATIONAL BUSINESS MA-
CHINES CORPORATION [US/US]; New
Orchard Street, Armonk, NY 10504 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) VETTIGER, Peter [CH/CH]; Lang-
moosstrasse 33, CH-8135 Langnau a. A.

- (CH). **BINNIG, Gerd, K.** [DE/CH]; Felsenstrasse 72, CH-8832 Wollerau (CH). **HÄBERLE, Walter** [DE/CH]; Buerglipark 15, CH-8820 Waedenswil (CH).
- (74) **WILLIAMS, Julian, David**; International Business Machines Corporation, Saumerstrasse 4 / Postfach, CH-8803 Ruschlikon (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).
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- (51)⁷ **G11B 11/105**
- (11) **WO 02/077987** (13) A1
- (21) PCT/JP02/02923
- (22) **26 Mar/mar 2002 (26.03.2002)**
- (25) ja (26) ja
- (30) 2001-88398 **26 Mar/mar 2001 JP (26.03.2001)**
- (30) 2002-54614 **28 Feb/fév 2002 JP (28.02.2002)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **MAGNETOPTIC RECORDING MEDIUM AND REPRODUCING METHOD THEREFOR**
- **SUPPORT D'ENREGISTREMENT MAGNETO-OPTIQUE ET PROCÉDE DE REPRODUCTION**
- (71) **HITACHI MAXELL, LTD.** [JP/JP]; 1-88, Ushitora 1-chome, Ibaraki-shi, Osaka 567-8567 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AWANO, Hiroyuki** [JP/JP]; 1614-5, Yamazaki, Noda-shi, Chiba 278-0022 (JP). **SEKINE, Masaki** [JP/JP]; 2-1, Matsumaedai 4-chome, Moriya-shi, Ibaraki 302-0102 (JP). **TANI, Manabu** [JP/JP]; 2-1, Matsumaedai 4-chome, Moriya-shi, Ibaraki 302-0102 (JP). **IMAI, Susumu** [JP/JP]; 2-3-303, Togashira 1-chome, Toride-shi, Ibaraki 302-0034 (JP). **INOUE, Kazuko** [JP/JP]; 1-10-6-301, Kubodai 4-chome, Ryugasaki-shi, Ibaraki 301-0001 (JP). **SUZUKI, Yoshikazu** [JP/JP]; 1, Koizumi, Oyamazakimachi, Otokuni-gun, Kyoto 618-0071 (JP). **KOKUFUDA, Yasuhiko** [JP/JP]; 740, Fukida, Yachiyomachi, Yuki-gun, Ibaraki 300-3553 (JP). **ISHIZAKI, Osamu** [JP/JP]; 505, Nabeyama, Akenomachi, Makabe-gun, Ibaraki 302-4506 (JP). **SHIMAZAKI, Katsusuke** [JP/JP]; 404, 2-1, Togashira 1-chome, Toride-shi, Ibaraki 302-0034 (JP).
- (74) **KAWAKITA, Kijuro**; Shinjuku MM Building, 1-15, Shinjuku 5-chome, Shinjuku-ku, Tokyo 160-0022 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **G11B 13/00, 11/16, 9/00, 11/00**
- (11) **WO 02/077988** (13) A2
- (21) PCT/IB02/00816
- (22) **15 Mar/mar 2002 (15.03.2002)**
- (25) en (26) en
- (30) 01810296.2 **23 Mar/mar 2001 EP (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **DATA READ/WRITE SYSTEMS**
- **SYSTEMES DE LECTURE/ECRITURE DE DONNEES**
- (71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, NJ 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BINNIG, Gerd, K.** [DE/CH]; Felsenstrasse 72, CH-8832 Wollerau (CH). **HÄBERLE, Walter** [DE/CH]; Buerglipark 15, CH-8820 Waedenswil (CH). **VET-TIGER, Peter** [CH/CH]; Langmoosstrasse 33, CH-8135 Langnau am Albis (CH).
- (74) **WILLIAMS, Julian, David**; International Business Machines Corporation, Saumerstrasse 4 / Postfach, CH-8803 Rueschlikon (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).
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- (51)⁷ **G11B 15/00**
- (11) **WO 02/077989** (13) A2
- (21) PCT/US01/45452
- (22) **31 Oct/oct 2001 (31.10.2001)**
- (25) en (26) en
- (30) 60/277,761 **21 Mar/mar 2001 US (21.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **DISC SEPARATOR PLATE WITH AIR DAM**
- **PLAQUE DE SEPARATION DE DISQUE DOTÉE D'UN DEFLECTEUR D'AIR**
- (71) **SEAGATE TECHNOLOGY LLC** [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).
- (72) **HARRISON, Chad, Ray**; 1624 Kavel Drive, Oklahoma City, OK 73127 (US). **NELSON,**
- Eldon, Leroy**; 7508 NW 103rd Street, Oklahoma City, OK 73162 (US). **ALLSUP, David, Scott**; 2708 S.W. 111th, Oklahoma City, OK 73170 (US). **NICHOLS, Jackson, Wagner**; 1904 Dena Drive, Edmond, OK 73003 (US). **AHMAD, Mohammad, Noman**; 4201 W Memorial Road #14102, Oklahoma City, OK 73170 (US). **KRUM, Richard, Gene**; 441 Heritage Boulevard, Edmond, OK 73003 (US).
- (74) **CESARI, Kirk, A.**; Seagate Technology LLC, 1280 Disc Drive - SHK2LG, Shakopee, MN 55379 (US).
- (81) CN DE GB JP KR SG.
-
- (51)⁷ **G11B 17/028**
- (11) **WO 02/077990** (13) A1
- (21) PCT/JP02/01619
- (22) **22 Feb/fév 2002 (22.02.2002)**
- (25) ja (26) ja
- (30) 2001-084277 **23 Mar/mar 2001 JP (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **DISK CLAMPING DEVICE**
- **DISPOSITIF DE BLOCAGE DE DISQUE**
- (71) **KABUSHIKI KAISHA KENWOOD** [JP/JP]; 14-6, Dougenzaka 1-chome, Sibuya-ku, Tokyo 150-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHISHIDO, Hiroyuki** [JP/JP]; 5-7-7-302, Minamiosawa, Hachioji-shi, Tokyo 192-0364 (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G11B 17/04**
- (11) **WO 02/077991** (13) A1
- (21) PCT/DE02/01006
- (22) **20 Mar/mar 2002 (20.03.2002)**
- (25) de (26) de
- (30) 101 14 459.8 **24 Mar/mar 2001 DE (24.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **DISK DRIVE**
- **LECTEUR**
- (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) **BECKER, Volker** [DE/DE]; Sohldfeld 71, 31137 Hildesheim (DE). **VOGT, Lothar** [DE/DE]; Uhlandweg 7, 31199 Barienrode (DE).
- (81) CN HU JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)

- (51)⁷ G11B 19/20, 5/54, 21/08
(11) WO 02/077992 (13) A1
(21) PCT/US01/32421
(22) 17 Oct/oct 2001 (17.10.2001)
(25) en (26) en
(30) 60/277,763 21 Mar/mar 2001 US
(21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • MULTI-PHASE ACCELERATION OF A DATA STORAGE DISC
• ACCELERATION MULTIPHASES D'UN DISQUE DE STOCKAGE DE DONNEES
(71) SEAGATE TECHNOLOGY LLC [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).
(72) SERGE, J., Fayeulle; 7173 Gold Nugget Drive, Longmont, CO 80503 (US).
(74) CESARI, Kirk, A.; Seagate Technology LLC, 1280 Disc Drive, Shakopee, MN 55379 (US).
(81) CN DE GB JP KR SG.

Published / Publiée : (a)

- (51)⁷ G11B 20/10, 20/00, 19/02, G07F 17/30
(11) WO 02/077993 (13) A2
(21) PCT/IB02/00704
(22) 8 Mar/mar 2002 (08.03.2002)
(25) en (26) en
(30) 09/817,091 26 Mar/mar 2001 US
(26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • SYSTEM AND METHOD FOR RECORDING AND PLAYING AUDIO SELECTIONS
• SYSTEME ET PROCEDE D'ENREGISTREMENT ET DE LECTURE DE SELECTIONS AUDIO
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(72) LORD, William, P.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). RAMSEY-CATAN, Carolyn; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). MAROLDA, Andrew; 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ G11B 21/10
(11) WO 02/077994 (13) A1
(21) PCT/JP02/02289
(22) 12 Mar/mar 2002 (12.03.2002)
(25) ja (26) ja
(30) 2001-84096 23 Mar/mar 2001 JP
(23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • ACTUATOR FOR POSITIONING HEAD ELEMENT FINELY AND HEAD DEVICE WITH THE ACTUATOR

- ACTIONNEUR POUR POSITIONNER PRECISEMENT UN ELEMENT DE TETE ET DISPOSITIF DE TETE EQUIPE DE CET ACTIONNEUR
(71) TDK CORPORATION [JP/JP]; 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).
(72) OTA, Norikazu; c/o TDK CORPORATION, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP). WADA, Takeshi; c/o TDK CORPORATION, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP). HONDA, Takashi; c/o TDK CORPORATION, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).
(74) YAMAMOTO, Keiichi; 11-1, Nishi-shimbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).
(81) CN JP SG.

- (51)⁷ G11B 23/50, B24D 3/22, 15/00, C09G 1/16
(11) WO 02/077995 (13) A1
(21) PCT/SE02/00508
(22) 18 Mar/mar 2002 (18.03.2002)
(25) sv (26) en
(30) 0101020-6 22 Mar/mar 2001 SE
(22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • DEVICE FOR REPAIRING DAMAGED SURFACE OPTICAL READABLE DISCS
• DISPOSITIF DESTINE A LA REPARATION DE DISQUES OPTIQUES DONT LA SURFACE EST ENDOMMAGEE

- (71, 72) HOVSEPIAN, Razmik [SE/SE]; Harbrovägen 29, 11, S-147 51 Tumba (SE).
(74) STRANDIN, H. et al. / etc.; Bergensträhle & Lindvall AB, Box 17704, S-118 93 Stockholm (SE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 31/02, G10H 1/36, H04N 7/00
(11) WO 02/077996 (13) A1
(21) PCT/RU02/00036
(22) 5 Feb/fév 2002 (05.02.2002)
(25) ru (26) ru
(30) 2001108223 28 Mar/mar 2001 RU
(28.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • MOBILE KARAOKE SYSTEM
• SYSTEME KARAOKE MOBILE
(71, 72) ROVNER, Yakov Shoel-Berovich [RU/RU]; ul. Tsentralnaya, 83-a, pos. Ostrovsky, Ramensky r-n, Moskovskaya obl., 140001 (RU). AGADZHANOVA, Marina

- Alekseevna [RU/RU]; Bolshoi Rogozhsky per., 10-2-34, Moscow, 109147 (RU).
(74) "PATENT-GARANT" (LIMITED) et al. / etc.; Shljuzovaya Naberezhnaya, 6-4-5, Moscow, 113114 (RU).
(81) AU BG CA CN CZ DE EE ES HU IL LT LV PL SG SK TR UA US.
(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ G11B 33/00
(11) WO 02/077997 (13) A1
(21) PCT/JP02/02792
(22) 22 Mar/mar 2002 (22.03.2002)
(25) ja (26) ja
(30) 2001-83321 22 Mar/mar 2001 JP
(22.03.2001)
(30) 2001-197542 28 Jun/juin 2001 JP
(28.06.2001)
(30) 2001-214553 13 Jul/juil 2001 JP
(13.07.2001)
(30) 2001-214554 13 Jul/juil 2001 JP
(13.07.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
(54) • REPRODUCTION SYSTEM, ELECTRONIC APPARATUS AND DISC RECORDING AND/OR REPRODUCTION APPARATUS
• SYSTEME DE REPRODUCTION, APPAREIL ELECTRONIQUE ET APPAREIL D'ENREGISTREMENT ET/OU DE LECTURE DE DISQUES
(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) YANO, Kazuyoshi [JP/JP]; c/o Sony Engineering Corporation, 9-17, Nishigotanda 3-chome, Shinagawa-ku, Tokyo 141-0031 (JP). YABUKI, Keiko [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). HASHIMOTO, Takaaki [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). NAKAZAWA, Masahide [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TAMURA, Masafumi [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). HIRANO, Shinpei [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
(74) MATSUKUMA, Hidemori; Shinjuku Bldg., 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (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 G11B 33/04
(11) WO 02/077998 (13) A1
(21) PCT/CA02/00392
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en

- (30) 2,341,320 **22 Mar/mar 2001** CA
(**22.03.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • COMPACT DISK CASE
• ETUI A DISQUE COMPACT
- (71) **3991806 CANADA INC.** [CA/CA]; 2333, Sherbrooke West, Suite 606, Montreal, Québec H3H 2T6 (CA).
- (72) **LAFLEUR, Andre**; 26, Jacques-Racicot, Boucherville, Québec J4B 4P9 (CA).
- (74) **ARKIN, Gary**; Moffat & Co., 427 Laurier Avenue W., P.O. Box 2088, Stn. D, Ottawa, Ontario K1P 5W3 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **G11B 33/04**
- (11) **WO 02/077999** (13) A1
- (21) PCT/JP01/05181
- (22) **18 Jun/juin 2001 (18.06.2001)**
- (25) ja (26) ja
- (30) 2001-1557 **23 Mar/mar 2001** JP
(**23.03.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • STORAGE MEDIUM
• SUPPORT DE STOCKAGE
- (71, 72) **KAMAI, Katsuji** [JP/JP]; 29-8-404, Kamikitazawa 4-chome, Setagaya-ku, Tokyo 156-0057 (JP).
- (74) **IKUTA, Tetsuo et al. / etc.**; IKUTA & NAKOSHI LAW AND PATENT OFFICE, Aoyama MS Bldg. 7F., 7-5, Jingumae 3-chome, Shibuya-ku, Tokyo 150-0001 (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 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).
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- (51)⁷ **G11B 33/08, 5/48**
- (11) **WO 02/078000** (13) A1
- (21) PCT/US01/24987
- (22) **9 Aug/août 2001 (09.08.2001)**
- (25) en (26) en
- (30) 60/277,784 **21 Mar/mar 2001** US
(**21.03.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PARALLEL SPRING DESIGN FOR ACOUSTIC DAMPING OF A DISC DRIVE
• MONTAGE DE RESSORT EN PARALLELE POUR ATTENUER LE BRUIT DANS UN LECTEUR DE DISQUE
- (71) **SEAGATE TECHNOLOGY LLC** [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).
- (72) **HEATON, Daniel, Medford**; 10101 Mamus, Oklahoma City, OK 73170 (US). **TRAMMELL, Curtis, Allen**; 704 Highway 76, Newcastle, OK 73065 (US). **WOOD, Roy, Lynn**; 417 Castle Rock Road, Yukon, OK 73099 (US). **STRICKLIN, John, Daniel**; 11109 Lakeridge Run, Oklahoma City, OK 73170 (US). **TRELEVEN, Gary, Alfred**; 9934 Paisley Road, Yukon, OK 73099 (US).
- (74) **DEMPSTER, Shawn, B**; Seagate Technology LLC, 1280 Disc Drive - SHK2LG, Shakopee, MN 55379 (US).
- (81) CN DE GB JP KR SG.
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- (51)⁷ **G11C 5/02**
- (11) **WO 02/078001** (13) A2
- (21) PCT/US02/08202
- (22) **13 Mar/mar 2002 (13.03.2002)**
- (25) en (26) en
- (30) 60/277,738 **21 Mar/mar 2001** US
(**21.03.2001**)
- (30) 60/277,794 **21 Mar/mar 2001** US
(**21.03.2001**)
- (30) 60/277,815 **21 Mar/mar 2001** US
(**21.03.2001**)
- (30) 09/896,814 **29 Jun/juin 2001** US
(**29.06.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MEMORY DEVICE WITH ROW AND COLUMN DECODER CIRCUITS ARRANGED IN A CHECKERBOARD PATTERN UNDER A PLURALITY OF MEMORY ARRAYS
• DISPOSITIF MEMOIRE AVEC CIRCUITS DECODEURS DE LIGNES ET DE COLONNES AGENCES SELON UNE CONFIGURATION EN DAMIER SOUS UNE PLURALITE DE MATRICES MEMOIRE
- (71) **MATRIX SEMICONDUCTOR, INC.** [US/US]; 3230 Scott Boulevard, Santa Clara, CA 95054 (US).
- (72) **SCHEUERLEIN, Roy, E.**; 22145 Orchard Court, Cupertino, CA 95014 (US).
- (74) **HETZ, Joseph, F.**; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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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- FI FR GB GR IE 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 **G11C 7/00**
- (11) **WO 02/078002** (13) A1
- (21) PCT/US02/08050
- (22) **12 Mar/mar 2002 (12.03.2002)**
- (25) en (26) en
- (30) 09/814,566 **21 Mar/mar 2001** US
(**21.03.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MEMORY DEVICE AND METHOD HAVING DATA PATH WITH MULTIPLE PREFETCH I/O CONFIGURATIONS
• DISPOSITIF DE MEMOIRE ET PROCEDE FAISANT APPEL A DES CHEMINS DE DONNEES A CONFIGURATIONS D'E/S DE PRELECTURES MULTIPLES
- (71) **MICRON TECHNOLOGY, INC.** [US/US]; 8000 South Federal Way, Boise, ID 83716-9632 (US).
- (72) **KEETH, Brent**; 5077 N. Fifeshire Place, Boise, ID 83713 (US). **JOHNSON, Brain**; 5977 E. Gateway Drive, Boise, ID 83716 (US). **MANNING, Troy, A.**; 8153 South Obadiah Lane, Meridian, ID 83642 (US).
- (74) **BULCHIS, Edward, W. et al. / etc.**; Dorsey & Whitney LLP, Suite 3400, 1420 5th Avenue, Seattle, WA 98101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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)
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- (51)⁷ **G11C 7/00**
- (11) **WO 02/078003** (13) A2
- (21) PCT/US02/08675
- (22) **21 Mar/mar 2002 (21.03.2002)**
- (25) en (26) en
- (30) 60/277,794 **21 Mar/mar 2001** US
(**21.03.2001**)
- (30) 60/277,815 **21 Mar/mar 2001** US
(**21.03.2001**)
- (30) 60/277,738 **21 Mar/mar 2001** US
(**21.03.2001**)
- (30) 09/897,771 **29 Jun/juin 2001** US
(**29.06.2001**)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND APPARATUS FOR BIASING SELECTED AND UNSELECTED ARRAY LINES WHEN WRITING A MEMORY ARRAY

- PROCEDE ET APPAREIL POUR POLARISER DES LIGNES DE MATRICE SELECTIONNEES ET NON SELECTIONNEES LORS DE L'ECRIURE D'UNE MATRICE MEMOIRE
- (71) **MATRIX SEMICONDUCTOR, INC.** [US/US]; 3230 Scott Boulevard, Santa Clara, CA 95054 (US).
- (72) **SCHEUERLEIN, Roy, E.**; 22145 Orchard Ct., Cupertino, CA 95014 (US).
- (74) **GRAHAM, Andrew, C.** et al. / etc.; Zagorin, O'Brien & Graham, L.L.P., Suite 870, 401 West 15th Street, Austin, TX 78701 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G11C 8/20

(11) WO 02/078004 (13) A1

(21) PCT/US02/07075

(22) 7 Mar/mar 2002 (07.03.2002)

(25) en (26) en

(30) 09/816,890 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- A METHOD AND APPARATUS FOR INVALIDATING MEMORY ARRAY WRITE OPERATIONS
- PROCEDE ET APPAREIL POUR INVALIDER DES OPERATIONS D'ECRIURE DE MATRICE MEMOIRE

(71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).

(72) **GOLD, Spencer, M.**; 7 Ashley Street, Pepperell, MA 01463 (US).

(74) **CANNING, Kevin, J.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G11C 11/

(11) WO 02/078005 (13) A2

(21) PCT/US02/08863

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/819,402 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- MOLECULAR MEMORY SYSTEMS AND METHODS
- SYSTEMES ET PROCEDES DE MEMOIRE MOLECULAIRE

(71) **HEWLETT-PACKARD COMPANY** [US/US]; Legal Department, 3000 Hanover Street, M/S 1051, Palo Alto, CA 94304-1112 (US).

(72) **CHEN, Yong**; 4275 McKeller Lane, #2, Palo Alto, CA 94306 (US). **WALMSLEY, Robert G.**; 843 Moana Ct, Palo Alto, CA 94306 (US).

(74) **SCHUYLER, Marc P.**; Hewlett-Packard Company, IPA, P.O. Box 272400, M/S 35, Fort Collins, CO 80527-2400 (US).

(81) 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 G11C 11/406

(11) WO 02/078006 (13) A1

(21) PCT/US02/08729

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/815,516 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- SYSTEM AND METHOD FOR PERFORMING A PARTIAL DRAM REFRESH
- SYSTEME ET PROCEDE D'EXECUTION D'UN RAFRAICHISSEMENT PARTIEL DE LA MEMOIRE DRAM

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(72) **SIMMONDS, Stephen, M.**; 4484 Sunset Bluffs Way, San Diego, CA 92130 (US). **HUSSEINI, Jalal, El**; 8458 Summerdale, #B, San Diego, CA 92126 (US). **ZHANG, Haitao**; 11018 Corte Mar De Delfinas, San Diego, CA 92130 (US). **ZOU, Qiuzhen**; 5791 Rutgers Road, La Jolla, CA 92037 (US).

(74) **WADSWORTH, Philip, R.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G11C 16/26, 7/10, 16/10, 17/18

(11) WO 02/078007 (13) A1

(21) PCT/DE02/01028

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 14 611.6 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- INTEGRATED LOGIC CIRCUIT
- CIRCUIT INTEGRE LOGIQUE

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).

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(72, 75) **BAUMGARTNER, Peter** [DE/DE]; Pflugstrasse 4, 80331 München (DE). **HAIBACH, Patrick** [DE/DE]; Kamenzer Strasse 58, 01099 Dresden (DE). **STRENZ, Robert** [DE/DE]; Zittauer Strasse 12, 01099 Dresden (DE). **GEISSLER, Christian** [DE/DE]; Johann-Meyer Strasse 10, 01097 Dresden (DE). **STEIN VON KAMIENSKI, Elard** [DE/DE]; Am Sonnenhang 2, 01109 Dresden (DE).

(74) **EPPING, HERMANN & FISCHER**; Rindlerstrasse 55, 80339 München (DE).

(81) BR CA CN IL IN JP KR MX RU UA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ G11L

(11) WO 02/078008 (13) A2

(21) PCT/US01/49013

(22) 19 Dec/déc 2001 (19.12.2001)

(25) en (26) en

(30) 09/816,801 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- INDEPENDENT ASYNCHRONOUS BOOT BLOCK FOR ASYNCHRONOUS NON-VOLATILE MEMORY DEVICES

- BLOC D'AMORÇAGE ASYNCHRONE INDEPENDANT POUR DISPOSITIFS A MEMOIRE REMANENTE SYNCHRONE

(71) **ATMEL CORPORATION** [US/US]; 2325 Orchard Parkway, San Jose, CA 95131 (US).

(72) **FRANKLIN, Dirk, R.**; 79 Apine Avenue, Los Gatos, CA 95030 (US). **HUI, Edward, S.**; 11679 Olive Spring Court, Cupertino, CA 95014 (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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les designations
(t) for all designations / pour toutes les designations

(51)⁷ G21D 1/02, 3/08, F02C 9/24, 1/05

(11) WO 02/078009 (13) A1

(21) PCT/IB02/00601

(22) 28 Feb/fév 2002 (28.02.2002)

(25) en (26) en

(30) 2001/2459 26 Mar/mar 2001 ZA (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A METHOD OF OPERATING A NUCLEAR POWER PLANT AND A NUCLEAR POWER PLANT

• CENTRALE NUCLEAIRE ET SON PROCEDE D'EXPLOITATION

(71) PEBBLE BED MODULAR REACTOR (PROPRIETARY) LIMITED [ZA/ZA]; 3rd Floor, Lake Buena Vista Building, 1267 Gordon Hood Avenue, Centurion Centre, 0046 Centurion (ZA).

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(72, 75) KRIEL, Willem, Adriaan, Odendaal [ZA/ZA]; 32A Soetdoring Draai, Eldoraigine Ext. 3, 0157 Centurion (ZA). NIEUWOUDT, Michael, Christiaan [ZA/ZA]; 209 Emerald Avenue, Lyttelton Manor, 0157 Centurion (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 G21D 3/08, F02C 9/24, 1/05

(11) WO 02/078010 (13) A1

(21) PCT/IB02/00887

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 01/2459 26 Mar/mar 2001 ZA (26.03.2001)

(30) 01/2915 9 Apr/avr 2001 ZA (09.04.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A METHOD OF OPERATING A NUCLEAR POWER PLANT

• CENTRALE NUCLEAIRE ET PROCEDE PERMETTANT DE LA FAIRE FONCTIONNER

(71) PEBBLE BED MODULAR REACTOR (PROPRIETARY) LIMITED [ZA/ZA]; 3rd Floor, Buena Vista Building, 1267 Gordon Hood Avenue, Centurion Centre, 0046 CENTURION (ZA).

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(72, 75) BOLTON, Roland, Leslie, John [ZA/ZA]; 15 Rhino Street, 1619 KEMP-TON PARK (ZA). KEMP, Petrus, Daniel [ZA/ZA]; Karino 106, 713 Church Street, Arcadia, 0083 PRETORIA (ZA). KRIEL, Willem, Adriaan, Odendaal [ZA/ZA]; 32A Soetdoring Draai, Eldoraigine Ext. 3, 0157 CENTURION (ZA). NICHOLLS, David, Richard [ZA/ZA]; 41 Modderfontein Road, President Park, 1685 MIDRAND (ZA). NIEUWOUDT, Michael, Christiaan [ZA/ZA]; 209 Emerald Avenue, Lyttelton Manor, 1057 CENTURION (ZA).

(74) MACKENZIE, Colin; 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 CH CY DE DK ES FI FR GB GR IE 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 G21D 3/08, 1/02, F02C 9/24, 1/05

(11) WO 02/078011 (13) A1

(21) PCT/IB02/00891

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 2001/2459 26 Mar/mar 2001 ZA (26.03.2001)

(30) 2001/2915 9 Apr/avr 2001 ZA (09.04.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A NUCLEAR POWER PLANT AND A METHOD OF OPERATING THE SAME

• CENTRALE NUCLEAIRE ET PROCEDE PERMETTANT DE LA FAIRE FONCTIONNER

(71) PEBBLE BED MODULAR REACTOR (PROPRIETARY) LIMITED [ZA/ZA]; 3rd Floor, Buena Vista Building, 1267 Gordon Hood Avenue, Centurion Centre, 0046 Centurion (ZA).

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(72, 75) BOLTON, Roland, Leslie, John [ZA/ZA]; 15 Rhino Street, 1619 Kempton Park (ZA). KEMP, Petrus, Daniel [ZA/ZA]; Karino 106, 713 Church Street, Arcadia, 0083 Pretoria (ZA). KRIEL, Willem, Adriaan, Odendaal [ZA/ZA]; 32A Soetdoring Draai,

Eldoraigine Ext. 3, 0157 Centurion (ZA). NICHOLLS, David, Richard [ZA/ZA]; 41 Modderfontein Road, President Park, 1685 Midrand (ZA). NIEUWOUDT, Michael, Christiaan [ZA/ZA]; 209 Emerald Avenue, Lyttelton Manor, 1057 Centurion (ZA).

(74) MACKENZIE, Colin; 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 CH CY DE DK ES FI FR GB GR IE 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 G21F

(11) WO 02/078012 (13) A2

(21) PCT/EP02/03377

(22) 26 Mar/mar 2002 (26.03.2002)

(25) de (26) de

(30) 101 15 739.8 26 Mar/mar 2001 DE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR DECONTAMINATION OF A SURFACE

• PROCEDE ET DISPOSITIF DE DECONTAMINATION D'UNE SURFACE

(71) SINA INDUSTRIESERVICE GMBH & CO. KG [DE/DE]; Bayernstrasse 53, 75177 Pforzheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEBER, Kurt [DE/DE]; Bayernstrasse 53, 75177 Pforzheim (DE).

(74) TWELMEIER, Ulrich et al. / etc.; Zerrenerstrasse 23-25, 75172 Pforzheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 G21F 3/00, G12B 17/00, A61N 1/16

(11) WO 02/078013 (13) A1

(21) PCT/RU01/00569

(22) 24 Dec/déc 2001 (24.12.2001)

(25) en (26) en

(30) 2001107999 28 Mar/mar 2001 RU (28.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DEVICE FOR RADIATION PROTECTION (VARIANTES)
- DISPOSITIF DE RADIOPROTECTION (VARIANTES)
- (71, 72) TIOUNIAEV, Vladimir [RU/RU]; u.l. Z. i A. Kosmodemiyamskikh, 11-15-270, Moscow, 125130 (RU).
- (74) SCHITOV, Aleksandr; a/ya 84, Moscow, 123368 (RU).
- (81) AT AU BR BY CA CH CN CZ DE EE FI GB HU IL JP KR KZ LT LV NO PL SE SI SK TR US UZ.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ G21K
- (11) WO 02/078014 (13) A2
- (21) PCT/US02/08998
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 60/278,136 23 Mar/mar 2001 US (23.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METAL FIBER MAT FOR USE IN FILTERS
- MAT DE FIBRES METALLIQUES A UTILISER DANS DES FILTRES
- (71) AMERICAN METAL FIBERS, INC. [US/US]; 13420 Rockland Road, Route 176, Lake Bluff, IL 60044 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CARLSON, Robert, A. [US/US]; 13420 Rockland Road, Lake Bluff, IL 60044 (US).
CANEVELLO, Gregory, C. [US/US]; 840 Huntington Circle, Lake Villa, IL 60046 (US).
- (74) ECONOMOU, Vangelis; 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01B 11/06, 11/18
- (11) WO 02/078015 (13) A1
- (21) PCT/JP02/02763
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) ja (26) ja
- (30) 2001-085496 23 Mar/mar 2001 JP (23.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PARALLEL TWO-CORE SHIELDING WIRE AND METHOD FOR PRODUCING THE SAME

- CABLE DE BLINDAGE A DEUX AMES EN PARALLELE, ET PROCEDE DE REALISATION
- (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) OCHI, Yuji [JP/JP]; c/o Kantoh Works of Sumitomo, Electric Industries, Ltd., 3-3, Satsuki-cho, Kanuma-shi, Tochigi 322-0014 (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) DE GB US.

- (51)⁷ H01F 5/04, 27/29
- (11) WO 02/078016 (13) A1
- (21) PCT/DE02/01010
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) de (26) de
- (30) 101 14 182.3 23 Mar/mar 2001 DE (23.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • INDUCTIVE COMPONENT WITH WIRE-GUIDING SLOTS
- COMPOSANT INDUCTIF COMPORTANT DES FENTES GUIDE-FIL
- (71) EPCOS AG [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STEINER, Eva [DE/DE]; Niederkaging Nr. 6, 85664 Hohenlinden (DE).
- (74) EPPING HERMANN & FISCHER; Riddlestr. 55, 80339 München (DE).
- (81) CN US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- Published / Publiée : (c)
- (51)⁷ H01F 7/00
- (11) WO 02/078017 (13) A2
- (21) PCT/US02/08677
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 60/279,006 27 Mar/mar 2001 US (27.03.2001)
- (30) 60/279,573 29 Mar/mar 2001 US (29.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CATHODE RAY TUBE DEFLECTION YOKE
- COLLET DE DEVIATION POUR TUBE CATHODIQUE
- (71) SARNOFF CORPORATION [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 (US). ORION ELECTRIC COMPANY, LTD [KR/KR]; 257 Gongdan-Dong, Gumi, 730-030 Kyung-Bukm (KR).
- (72) CARPINELLI, Joseph; 39 Pine Knoll Drive, Lawrenceville, NJ 08648 (US). GROTE, Michael; 61 Peter Rafferty Drive, Hamilton, NJ 08690 (US). FIELDS, John;

- 137 S. Mill Road, Princeton Junction, NJ 08550 (US).
- (74) HUQ, Abhik; Sarnoff Corporation, 201 Washington Road, Princeton, NJ 08543-5300 (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 H01F 7/02, A61B 5/05
- (11) WO 02/078018 (13) A1
- (21) PCT/JP02/02804
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) ja (26) ja
- (30) 2001-86098 23 Mar/mar 2001 JP (23.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MAGNETIC FIELD GENERATOR
- GENERATEUR DE CHAMP MAGNETIQUE
- (71) SUMITOMO SPECIAL METALS CO., LTD. [JP/JP]; 7-19, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). NATIONAL INSTITUTE OF RADIOLOGICAL SCIENCES [JP/JP]; 9-1, Anagawa 4-chome, Inage-ku, Chiba-shi, Chiba 263-8555 (JP).
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- (72, 75) KOHDA, Tsutomu [JP/JP]; 1-1-17-B-105, Nanpeidai, Takatsuki-shi, Osaka 569-1042 (JP). KUMADA, Masayuki [JP/JP]; 15-13, Kasuga 3-chome, Tsukuba-shi, Ibaraki 305-0821 (JP).

- (74) TATSUMI, Tadahiho; 8th floor, Ueroku Shinkosan Bldg., 2-11, Uehommachi 5-chome, Tennoji-ku, Osaka-shi, Osaka 543-0001 (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).

- (51)⁷ H01F 7/18
- (11) WO 02/078019 (13) A1
- (21) PCT/GB02/01165
- (22) 14 Mar/mar 2002 (14.03.2002)
- (25) en (26) en
- (30) 0107555.5 27 Mar/mar 2001 GB (27.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ELECTROMAGNETIC ACTUATION
- ACTIONNEMENT ELECTROMAGNETIQUE
- (71) BAE SYSTEMS PLC [GB/GB]; 6 Carlton Gardens, London SW1Y 5AD (GB).
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(72, 75) SMITH, Ivor, Ramsay [GB/GB]; 83 Nanpantan Road, Loughborough, Leicestershire LE11 3ST (GB). NOVAC, Bucur, Mircea [RO/GB]; 35 Castledine Street Extension, Loughborough, Leicestershire LE11 2NT (GB).

(74) BAE SYSTEMS PLC; Group IP Department, P.O. Box 87, Lancaster House, Farnborough Aerospace Centre, Farnborough, Hampshire GU14 6YU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H01F 7/20, 41/02, B66B 11/08

(11) WO 02/078020 (13) A1

(21) PCT/JP01/02351

(22) 23 Mar/mar 2001 (23.03.2001)

(25) ja (26) ja

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELECTROMAGNET CORE, METHOD OF MANUFACTURING THE ELECTROMAGNET CORE, AND ELEVATOR HOIST BRAKE UTILIZING THE ELECTROMAGNET CORE

• NOYAU ELECTROMAGNETIQUE, PROCEDE DE FABRICATION DE CE NOYAU ELECTROMAGNETIQUE, ET FREIN D'APPAREIL ELEVATEUR UTILISANT CE NOYAU ELECTROMAGNETIQUE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(72) HOSHINO, Tomokazu; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP). HORITA, Tsuyoshi; 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.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01F 10/32, G11B 5/39, H01L 43/10

(11) WO 02/078021 (13) A1

(21) PCT/JP01/09447

(22) 26 Oct/oct 2001 (26.10.2001)

(25) en (26) en

(30) PCT/JP01/02261 22 Mar/mar 2001 JP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MAGNETORESISTIVE SPIN-VALVE SENSOR AND READ HEAD

• TETE DE LECTURE ET CAPTEUR MAGNETORESISTIF MOBILE A DIODE A LASER

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

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(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01F 37/00, 17/04, 27/28, 19/00

(11) WO 02/078022 (13) A1

(21) PCT/JP02/02610

(22) 19 Mar/mar 2002 (19.03.2002)

(25) ja (26) ja

(30) 2001-85064 23 Mar/mar 2001 JP (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HIGH FREQUENCY POWER INDUCTANCE ELEMENT

• ÉLÉMENT D'INDUCTANCE DE PUISSANCE HAUTE FRÉQUENCE

(71) FDK CORPORATION [JP/JP]; 36-11, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP).

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(72, 75) YAMADA, Katsuo [JP/JP]; c/o FDK CORPORATION, 36-11, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP). NAKAO, Fumiaki [JP/JP]; c/o FDK CORPORATION, 36-11, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP). AKAYA, Tomoyuki [JP/JP]; c/o FDK CORPORATION, 36-11, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP). OTA, Satoshi [JP/JP]; c/o FDK CORPORATION, 36-11, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP).

(74) ISSHIKI, Kensuke et al. / etc.; Rookin-Shinbashi Bldg. 3F, 12-7, Shinbashi 2-chome, Minato-ku, Tokyo 105-0004 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01G

(11) WO 02/078023 (13) A2

(21) PCT/DE02/00507

(22) 12 Feb/fév 2002 (12.02.2002)

(25) de

(26) de

(30) 101 14 107.6 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LAYER ELECTRODE FOR ELECTRO-CHEMICAL COMPONENTS AND ELECTROCHEMICAL DOUBLE LAYER CAPACITOR HAVING SAID LAYER ELECTRODE

• ELECTRODE EN COUCHE POUR DES COMPOSANTS ELECTROCHIMIQUES ET CONDENSATEUR ELECTROCHIMIQUE A DOUBLE COUCHE POURVU DE CETTE ELECTRODE EN COUCHE

(71) EPCOS AG [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

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(72, 75) SCHOLZ, Thomas [DE/DE]; Stuttgarter Ring 81, 89522 Heidenheim (DE). WEBER, Christoph [DE/DE]; Sonnenrainweg 20, 89522 Heidenheim (DE).

(74) EPPING, HERMANN & FISCHER; Rüdigerstr. 55, 80339 München (DE).

(81) AU BR CA CN CZ HU IN JP KR MX RU UA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01G 4/33, 4/20

(11) WO 02/078024 (13) A1

(21) PCT/JP02/01674

(22) 25 Feb/fév 2002 (25.02.2002)

(25) ja (26) ja

(30) 2001-76998 16 Mar/mar 2001 JP (16.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • THIN FILM CAPACITOR AND THIN FILM ELECTRONIC COMPONENT AND METHOD FOR FABRICATING THE SAME

• CONDENSATEUR EN COUCHES MINCES, COMPOSANT ELECTRONIQUE EN COUCHES MINCES ET LEUR PROCEDE DE FABRICATION

(71) HITACHI, LTD. [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP). AKAMINE, Hitoshi [JP/JP]; c/o Semiconductor & Integrated Circuits of HITACHI, LTD., 20-1, Josuion-cho 5-chome, Kodaikara-shi, Tokyo 187-0022 (JP).

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(72, 75) NABATAME, Toshihide [JP/JP]; c/o Hitachi Research Laboratory of HITACHI, LTD., 1-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). OGINO, Masahiko [JP/JP]; c/o Hitachi Research Laboratory of HITACHI, LTD., 1-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). MOTOWAKI, Shigehisa [JP/JP]; c/o Hitachi Research Laboratory of HITACHI, LTD., 1-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP).

(74) ISSHIKI, Kensuke et al. / etc.; Rookin-Shinbashi Bldg. 3F, 12-7, Shinbashi 2-chome, Minato-ku, Tokyo 105-0004 (JP).

(74) ISSHIKI, Kensuke et al. / etc.; Rookin-Shinbashi Bldg. 3F, 12-7, Shinbashi 2-chome, Minato-ku, Tokyo 105-0004 (JP).

Hitachi Research Laboratory of HITACHI, LTD., 1-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). FURUKAWA, Yoko [JP/JP]; c/o Hitachi Research Laboratory of HITACHI, LTD., 1-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP).

(74) TAKADA, Yukihiko; 1-48, Saiwai-cho 2-chome, Hitachi-shi, Ibaraki 317-0073 (JP).

(81) KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01G 9/00

(11) WO 02/078025 (13) A2

(21) PCT/DE02/00131

(22) 17 Jan/jan 2002 (17.01.2002)

(25) de (26) de

(30) 101 14 185.8 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR PRODUCING A COMPOSITE ELECTRODE FOR ELECTROCHEMICAL COMPONENTS, AND A COMPOSITE ELECTRODE

• PROCEDE DE FABRICATION D'UNE ELECTRODE COMPOSITE POUR DES COMPOSANTS ELECTROCHIMIQUES, ET ELECTRODE COMPOSITE AINSI OBTENUE

(71) EPCOS AG [DE/DE]; St.-Martin-Str. 53, 80669 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MICHEL, Hartmut [DE/DE]; Am Hahnschnabel 13, 89520 Heidenheim (DE). WEBER, Christoph [DE/DE]; Sonnenrainweg 20, 89522 Heidenheim (DE). SCHOCH, Klaus [DE/DE]; Wiedehopfweg 3, 89564 Heidenheim (DE).

(74) EPPING, HERMANN & FISCHER; Riederstr. 55, 80339 München (DE).

(81) AU BR CA CN CZ HU IN JP KR MX RU UA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01G 9/052, 9/04, 9/07, 9/025, 9/08, 9/012

(11) WO 02/078026 (13) A1

(21) PCT/JP02/02762

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-84785 23 Mar/mar 2001 JP (23.03.2001)

(30) 2001-86995 26 Mar/mar 2001 JP (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SOLID ELECTROLYTIC CAPACITOR AND METHOD OF MANUFACTURING THE CAPACITOR

• CONDENSATEUR A ELECTROLYTE SOLIDE ET SON PROCEDE DE FABRICATION

(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) KIMURA, Suzushi [JP/JP]; 2-5-3, Sonehigashimachi, Toyonaka-shi, Osaka 561-0802 (JP). MIKI, Katsumasa [JP/JP]; 2-23-12, Koganeno, Hirakata-shi, Osaka 573-1145 (JP). MIDO, Yuji [JP/JP]; 2-9-46, Kowakae, Higashiosaka-shi, Osaka 577-0818 (JP). FUJII, Tatsuo [JP/JP]; 4-7-2-1110, Namiyoke, Minato-ku, Osaka-shi, Osaka 552-0001 (JP). MASUMI, Hideki [JP/JP]; 1-1-721, Ishidanishimoto, Fushimi-ku, Kyoto-shi, Kyoto 601-1436 (JP).

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01G 13/00

(11) WO 02/078027 (13) A1

(21) PCT/JP02/02822

(22) 25 Mar/mar 2002 (25.03.2002)

(25) ja (26) ja

(30) 2001-091298 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • END SURFACE ELECTRODE FORMING DEVICE FOR ELECTRONIC PARTS

• DISPOSITIF DE FORMATION D'ELECTRODE SUR SURFACE D'EXTREMITE DE PIECES ELECTRONIQUES

(71) TOKYO WELD CO., LTD [JP/JP]; 2-28-1, Kitamagome, Ota-ku, Tokyo 143-0021 (JP).

(72) OGASAWARA, Fukashi; c/o TOKYO WELD CO., LTD, 2-28-1, Kitamagome, Ota-ku, Tokyo 143-0021 (JP).

(74) HORI, Shiroyuki; 35F, kasumigaseki Bldg., 3-2-5, kasumigaseki, Chiyoda-ku, Tokyo 100-6035 (JP).

(81) CN GB KR.

(51)⁷ H01H

(11) WO 02/078028 (13) A2

(21) PCT/US02/09031

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/817,655 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LATCHING MAGNETIC RELAY ASSEMBLY
• ENSEMBLE RELAIS DE VERROUILLAGE MAGNETIQUE

(71, 72) GRUNER, Klaus, A. [US/US]; 1275 Broadway, Village of Lakewood, IL 60014 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 H01H 9/06, H05K 1/05

(11) WO 02/078029 (13) A1

(21) PCT/DE02/01044

(22) 22 Mar/mar 2002 (22.03.2002)

(25) de (26) de

(30) 101 14 572.1 24 Mar/mar 2001 DE (24.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SUPPORT FOR AN ELECTRICAL CIRCUIT IN PARTICULAR AN ELECTRICAL BREAKER

• SUPPORT POUR CIRCUIT ELECTRIQUE, EN PARTICULIER POUR COMMUTATEUR ELECTRIQUE

(71) MARQUARDT GMBH [DE/DE]; Schlossstrasse 16, 78604 Riethem-Weilheim (DE).

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(74) OTTEN, Herbert 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H01H 9/54

(11) WO 02/078030 (13) A1

(21) PCT/GB02/01390

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 0107354.3 23 Mar/mar 2001 GB (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONTROL ARRANGEMENT

• SYSTEME DE COMMANDE

(71, 72) GUNTON, Bruce, Stanley [GB/GB]; 3 Gisborne Close, Yoxall, Staffordshire DE13 8NU (GB).

(74) SKINNER, Michael, Paul; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 H01H 37/04, H02K 11/00

(11) WO 02/078031 (13) A1

(21) PCT/US02/08882

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 09/815,739 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • PROTECTOR ASSEMBLY AND
METHOD FOR ELECTRICALLY IN-
SULATING A THERMALLY RESPON-
SIVE PROTECTOR FROM A MOTOR
WINDING OF AN ELECTRIC MOTOR
• BOBINAGE DE MOTEUR ELEC-
TRIQUE : ENSEMBLE ET PROCEDE
DE PROTECTION POUR ISOLATION
D'UN PROTECTEUR THERMOSEN-
SIBLE

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(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 H01H 71/18

(11) WO 02/078032 (13) A1

(21) PCT/JP01/02486

(22) 27 Mar/mar 2001 (27.03.2001)

(25) ja (26) ja

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • CIRCUIT BREAKER

• COUPE-CIRCUIT

(71) MITSUBISHI DENKI KABUSHIKI
KAISHA [JP/JP]; 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).

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les États désignés sauf US)

(72, 75) SUGANO, Toshiyuki [JP/JP]; c/o
Mitsubishi Denki Kabushiki Kaisha, 2-3,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8310 (JP). FUJIMOTO, Takamitsu
[JP/JP]; c/o Mitsubishi Denki Kabushiki
Kaisha, 2-3, Marunouchi 2-chome, Chi-
yoda-ku, Tokyo 100-8310 (JP). MIT-
SUHASHI, Takao [JP/JP]; c/o Mitsubishi
Denki Kabushiki Kaisha, 2-3, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
TSUKIMA, Mitsuru [JP/JP]; c/o Mitsubishi
Denki Kabushiki Kaisha, 2-3, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
FUSHIMI, Masahiro [JP/JP]; c/o Mitsubishi
Denki kabushiki Kaisha, 2-3, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
KOUmoto, Shigeki [JP/JP]; c/o Mitsubishi
Denki Kabushiki Kaisha, 2-3, Marunouchi
2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
ASOU, Yoshio [JP/JP]; c/o Mitsubishi Denki
Kabushiki Kaisha, 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SOGA, Michiteru et al. / etc.; S. Soga & Co.,
8th Floor, Kokusai Building, 1-1, Marunouchi
3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN IN 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 H01J

(11) WO 02/078033 (13) A2

(21) PCT/US02/07442

(22) 12 Mar/mar 2002 (12.03.2002)

(25) en (26) en

(30) 09/813,928 21 Mar/mar 2001 US
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • ELECTRON BEAM EMITTER

• EMETTEUR DE FAISCEAU ELECTRO-
NIQUE

(63) US 09/813,928 (CON)
21 Mar/mar 2001 (21.03.2001)

(71) ADVANCED ELECTRON BEAMS, INC.
[US/US]; 10 Upton Drive, Wilmington, MA
01887 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) AVNER, Tzvi [IL/US]; 74 George
Road, Winchester, MA 01890 (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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES

FI FR GB GR IE IT 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 H01J 1/62, 63/04

(11) WO 02/078034 (13) A1

(21) PCT/US02/08750

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/814,673 22 Mar/mar 2001 US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • ELECTROLUMINESCENT SIGN

• PANNEAUX ELECTROLUMINES-
CENTS

(71) LUMIMOVE, INC. [US/US]; 950 Bolger
Court, Fenton, MO 63026 (US).

(72) MURASKO, Matthew; 408 Marine Av-
enue, Manhattan Beach, CA 90266 (US).
DUTTLINGER, Clearance, H., Jr.; 448
Country Ridge, St. Charles, MO 63304 (US).

(74) RUDY, William, A.; Lathrop & Gage LC,
Suite 2800, 2345 Grand Boulevard, Kansas
City, MO 64108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ 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).

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations

(t) for all designations / pour toutes les
désignations

(51)⁷ H01J 1/62

(11) WO 02/078035 (13) A1

(21) PCT/US02/09013

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/277,829 22 Mar/mar 2001 US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • ILLUMINATED DISPLAY SYSTEM
AND PROCESS

• SYSTEME ET PROCEDE DE PANNEAU
LUMINEUX

(71) LUMIMOVE, INC. [US/US]; 950 Bolger
Court, Fenton, MO 63026 (US).

(72) MURASKO, Matthew; 408 Marine Av-
enue, Manhattan Beach, CA 90266 (US).
KINLEN, Patrick, J.; 1348 Remington
Oaks Terrace, Fenton, MO 63026 (US).

(74) RUDY, William, A.; Lathrop & Gage LC,
Suite 2800, 2345 Grand Boulevard, Kansas
City, MO 64108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ 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 H01J 27/22, 27/02

(11) WO 02/078036 (13) A2

(21) PCT/FR02/01041

(22) 26 Mar/mar 2002 (26.03.2002)

(25) fr (26) fr

(30) 01/04173 28 Mar/mar 2001 FR
(28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE FOR GENERATING AN ION
BEAM

• DISPOSITIF DE GENERATION D'UN
FAISCEAU D'IONS

(71) CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE [FR/FR];
3, rue Michel Ange, F-75794 Paris Cedex
16 (FR).

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les États désignés sauf US)

(72, 75) GIERAK, Jacques [FR/FR]; 2, place
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LAGADEC, Yvon [FR/FR]; 8, allée des
Platanes, F-92160 Antony (FR). SEPTIER,
Albert [FR/FR]; 46, avenue Gallois, F-92340
Bourg La Reine (FR).

(74) LEHU, Jean; c/o Brevatome, 3, rue du Doc-
teur 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 H01J 29/00

(11) WO 02/078037 (13) A2

(21) PCT/IB02/00780

(22) 14 Mar/mar 2002 (14.03.2002)

(25) en (26) en

(30) 01201075.7 22 Mar/mar 2001 EP
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DISPLAY ARRANGEMENT WITH RE-
DUCED MECHANICAL STRESS

• SYSTEME D'AFFICHAGE A
CONTRAINTE MECANIQUE RE-
DUITE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(72) HENDRIKS, Arnoldus, A., M.; Prof. Hol-
stlaan 6, NL-5656 AA Eindhoven (NL).
HENS, Theodoor, C., A.; Prof. Holstlaan
6, NL-5656 AA Eindhoven (NL). VAN DE
STEEN, Wilhelmus, M., M.; Prof. Hol-
stlaan 6, NL-5656 AA Eindhoven (NL).
VONCKEN, Rudolf, M., J.; Prof. Holstlaan
6, NL-5656 AA Eindhoven (NL). WIN-
TERS, Jean; Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). DEUSS, Maurice, A.,
W.; Prof. Holstlaan 6, NL-5656 AA Ein-
dhoven (NL).

(74) DEGUELLE, Wilhelmus, H., G.; Interna-
tionaal Octrooibureau B.V., Prof. Holstlaan
6, NL-5656 AA Eindhoven (NL).

(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 H01J 29/76

(11) WO 02/078038 (13) A2

(21) PCT/JP02/02468

(22) 15 Mar/mar 2002 (15.03.2002)

(25) en (26) en

(30) 2001-091095 27 Mar/mar 2001 JP
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COLOR CATHODE RAY TUBE APPA-
RATUS

• APPAREIL A TUBE CATHODIQUE
COULEUR

(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) SANO, Yuichi [JP/JP]; 3712-53, Hi-
gashikata, Fukaya-shi, Saitama 366-0041
(JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o
SUZUYE & SUZUYE, 7-2, Kasumigaseki
3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN KR US.

(84) EP (DE FR GB).

(51)⁷ H01J 33/04

(11) WO 02/078039 (13) A1

(21) PCT/US02/08955

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 09/813,929 21 Mar/mar 2001 US
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • EXIT WINDOW FOR ELECTRON
BEAM EMITTER

• FENETRE DE SORTIE POUR EMET-
TEUR DE FAISCEAU D'ELECTRONS

(63) US 09/813,929 (CIP)
21 Mar/mar 2001 (21.03.2001)

(71) ADVANCED ELECTRON BEAMS, INC.
[US/US]; 10 Upton Drive, Wilmington, MA
01887 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) AVENERY, Tzvi [IL/US]; 74 George
Road, Winchester, MA 01890 (US). FELIS,
Kenneth, P. [US/US]; 235 Lower Sanborn
Road, Stowe, VT 05672 (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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 H01J 37/00

(11) WO 02/078040 (13) A2

(21) PCT/JP02/02748

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 2001-88860 26 Mar/mar 2001 JP
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NEUTRAL PARTICLE BEAM PRO-
CESSING APPARATUS

• APPAREIL DE TRAITEMENT A FAIS-
CEAU DE PARTICULES NEUTRES

(71) EBARA CORPORATION [JP/JP]; 11-1,
Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510
(JP).

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les États désignés sauf US)

(72, 75) ICHIKI, Katsunori [JP/JP]; c/o Ebara
Research Co., Ltd., 2-1, Honfujisawa
4-chome, Fujisawa-shi, Kanagawa 251-8502
(JP). YAMAUCHI, Kazuo [JP/JP]; c/o
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4-chome, Fujisawa-shi, Kanagawa 251-8502
(JP). HIYAMA, Hirokuni [JP/JP]; c/o
Ebara Research Co., Ltd., 2-1, Honfujisawa
4-chome, Fujisawa-shi, Kanagawa 251-8502
(JP). SAMUKAWA, Seiji [JP/JP]; c/o To-
hoku University, 2-1-1, Katahira, Aoba-ku,
Sendai-shi, Miyagi 980-8577 (JP).

(74) WATANABE, Isamu et al. / etc.; GOWA
Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku
7-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 KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 H01J 37/00
 (11) WO 02/078041 (13) A2
 (21) PCT/JP02/02750
 (22) 22 Mar/mar 2002 (22.03.2002)
 (25) en (26) en
 (30) 2001-088866 26 Mar/mar 2001 JP (26.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • NEUTRAL PARTICLE BEAM PROCESSING APPARATUS
 • APPAREIL DE TRAITEMENT PAR FAISCEAU DE PARTICULES NEUTRES
 (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) ICHIKI, Katsunori [JP/JP]; c/o Ebara Research Co., Ltd., 2-1, Honfujisawa 4-chome, Fujisawa-shi, Kanagawa 251-8502 (JP). YAMAUCHI, Kazuo [JP/JP]; c/o Ebara Research Co., Ltd., 2-1, Honfujisawa 4-chome, Fujisawa-shi, Kanagawa 251-8502 (JP). HIYAMA, Hirokuni [JP/JP]; c/o Ebara Research Co., Ltd., 2-1, Honfujisawa 4-chome, Fujisawa-shi, Kanagawa 251-8502 (JP). SAMUKAWA, Seiji [JP/JP]; c/o Tohoku University, 2-1-1, Katahira, Aoba-ku, Sendai-shi, Miyagi 980-8577 (JP).
 (74) WATANABE, Isamu et al. / etc.; GOWA Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01J 37/00
 (11) WO 02/078042 (13) A2
 (21) PCT/JP02/02752
 (22) 22 Mar/mar 2002 (22.03.2002)
 (25) en (26) en
 (30) 2001-88898 26 Mar/mar 2001 JP (26.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • NEUTRAL PARTICLE BEAM PROCESSING APPARATUS
 • APPAREIL DE TRAITEMENT PAR FAISCEAU DE PARTICULES NEUTRES
 (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) ICHIKI, Katsunori [JP/JP]; c/o Ebara Research Co., Ltd., 2-1, Honfujisawa 4-chome, Fujisawa-shi, Kanagawa 251-8502 (JP). YAMAUCHI, Kazuo [JP/JP]; c/o Ebara Research Co., Ltd., 2-1, Honfujisawa 4-chome, Fujisawa-shi, Kanagawa 251-8502 (JP). HIYAMA, Hirokuni [JP/JP]; c/o Ebara Research Co., Ltd., 2-1, Honfujisawa 4-chome, Fujisawa-shi, Kanagawa 251-8502 (JP). SAMUKAWA, Seiji [JP/JP]; c/o Tohoku University, 2-1-1, Katahira, Aoba-ku, Sendai-shi, Miyagi 980-8577 (JP).
 (74) WATANABE, Isamu et al. / etc.; GOWA Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01J 37/08, H01L 21/311, H01J 27/02
 (11) WO 02/078044 (13) A2
 (21) PCT/JP02/02751
 (22) 22 Mar/mar 2002 (22.03.2002)
 (25) en (26) en
 (30) 2001-88888 26 Mar/mar 2001 JP (26.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • METHOD OF PROCESSING A SURFACE OF A WORKPIECE
 • PROCEDE DE TRAITEMENT D'UNE SURFACE D'UNE PIECE A TRAVAILLER
 (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) ICHIKI, Katsunori [JP/JP]; c/o Ebara Research Co., Ltd., 2-1, Honfujisawa 4-chome, Fujisawa-shi, Kanagawa 251-8502 (JP). YAMAUCHI, Kazuo [JP/JP]; c/o Ebara Research Co., Ltd., 2-1, Honfujisawa 4-chome, Fujisawa-shi, Kanagawa 251-8502 (JP). HIYAMA, Hirokuni [JP/JP]; c/o Ebara Research Co., Ltd., 2-1, Honfujisawa 4-chome, Fujisawa-shi, Kanagawa 251-8502 (JP). SAMUKAWA, Seiji [JP/JP]; c/o Tohoku University, 2-1-1, Katahira, Aoba-ku, Sendai-shi, Miyagi 980-8577 (JP).
 (74) WATANABE, Isamu et al. / etc.; GOWA Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01J 37/30, 37/30
 (11) WO 02/078043 (13) A2
 (21) PCT/JP02/02749
 (22) 22 Mar/mar 2002 (22.03.2002)
 (25) en (26) en
 (30) 2001-088863 26 Mar/mar 2001 JP (26.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • BEAM PROCESSING APPARATUS
 • APPAREIL DE TRAITEMENT PAR FAISCEAU
 (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) ICHIKI, Katsunori [JP/JP]; c/o Ebara Research Co., Ltd., 2-1, Honfujisawa 4-chome, Fujisawa-shi, Kanagawa 251-8502 (JP). YAMAUCHI, Kazuo [JP/JP]; c/o Ebara Research Co., Ltd., 2-1, Honfujisawa 4-chome, Fujisawa-shi, Kanagawa 251-8502 (JP). HIYAMA, Hirokuni [JP/JP]; c/o Ebara Research Co., Ltd., 2-1, Honfujisawa 4-chome, Fujisawa-shi, Kanagawa 251-8502 (JP). SAMUKAWA, Seiji [JP/JP]; c/o Tohoku University, 2-1-1, Katahira, Aoba-ku, Sendai-shi, Miyagi 980-8577 (JP).
 (74) WATANABE, Isamu et al. / etc.; GOWA Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01J 37/304, 37/317
 (11) WO 02/078045 (13) A2
 (21) PCT/US02/07848
 (22) 14 Mar/mar 2002 (14.03.2002)
 (25) en (26) en
 (30) 09/815,484 23 Mar/mar 2001 US (23.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • METHODS AND APPARATUS FOR SCANNED BEAM UNIFORMITY ADJUSTMENT IN ION IMPLANTERS
 • PROCEDES ET DISPOSITIF POUR REGLAGE DE L'UNIFORMITE D'UN FAISCEAU BALAYE DANS DES IMPLANTEURS IONIQUES
 (71) VARIAN SEMICONDUCTOR EQUIPMENT ASSOCIATES, INC. [US/US]; 35 Dory Road, Gloucester, MA 01930 (US).

(72) **OLSON, Joseph, C.**; 5 College Lane, Beverly, MA 01915 (US). **MOLLICA, Rosario**; 16 Freeport Drive, Wilmington, MA 01887 (US).

(74) **MCCLELLAN, William, R.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (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 H01J 49/00

(11) WO 02/078046 (13) A2

(21) PCT/GB02/01373

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 0107380.8 23 Mar/mar 2001 GB (23.03.2001)

(30) 0126764.0 7 Nov/nov 2001 GB (07.11.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MASS SPECTROMETRY METHOD AND APPARATUS
• PROCEDE ET APPAREIL POUR REALISER UNE SPECTROMETRIE DE MASSE

(71) **THERMO FINNIGAN LLC** [US/US]; 355 River Oaks Parkway, San Jose, CA 95134-1991 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAKAROV, Alexander** [RU/GB]; 90 Marlborough Avenue, Cheadle Hulme, Cheshire SK8 7AR (GB). **HARDMAN, Mark, E.** [GB/GB]; 10 Halston Street, Hulme, Manchester M15 5TD (GB). **SCHWARTZ, Jae, C.** [US/US]; 6197 Dunn Avenue, San Jose, CA 95123 (US). **SENKO, Michael, W.** [US/US]; 994B La Messa Terrace, Sunnyvale, CA 94086 (US).

(74) **FROST, Alex, John et al.** / etc.; Boulton 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 CH CY DE DK ES FI FR GB GR IE 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 H01J 49/40

(11) WO 02/078047 (13) A2

(21) PCT/GB02/01357

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 0107311.3 23 Mar/mar 2001 GB (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CORONA IONISATION SOURCE

• SOURCE D'IONISATION PAR EFFET COURONNE

(71) **THE SECRETARY OF STATE FOR DEFENSE** [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROSS, Stuart, Keith** [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB). **BELL, Andrew, John** [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB).

(74) **SKELTON, Stephen, Richard**; 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01J 49/42, 49/10

(11) WO 02/078048 (13) A1

(21) PCT/DK02/00195

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) PA 2001 00478 22 Mar/mar 2001 DK (22.03.2001)

(30) 60/277,621 22 Mar/mar 2001 US (22.03.2001)

(30) PA 2002 00069 16 Jan/jan 2002 DK (16.01.2002)

(30) 60/348,368 16 Jan/jan 2002 US (16.01.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MASS SPECTROMETRY METHODS USING ELECTRON CAPTURE BY IONS

• SPECTROMETRIE DE MASSE RECURRENT A LA CAPTURE D'ELECTRONS PAR DES IONS

(71) **SYDDANSK UNIVERSITET** [DK/DK]; Campusvej 55, DK-5230 Odense M (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZUBAREV, Roman** [RU/SE]; Götgatan 13A, 2tr, c/o KI, S-75 315 Uppsala (SE).

(74) **PLOUGMANN & VINGTOFT A/S**; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD

MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01J 61/00

(11) WO 02/078049 (13) A2

(21) PCT/US02/07458

(22) 12 Mar/mar 2002 (12.03.2002)

(25) en (26) en

(30) 09/815,678 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MULTI-SPECTRAL UNIFORM LIGHT SOURCE

• SOURCE LUMINEUSE UNIFORME MULTISPECTRE

(71) **WAFERMASTERS, INC.** [US/US]; 246 East Gish Road, San Jose, CA 95112 (US).

(72) **YOO, Woo Sik**; 3090 Stelling Drive, Palo Alto, CA 94303 (US).

(74) **LOPEZ, Theodore, P. et al.** / etc.; SKJERVEN MORRILL MACPHERSON LLP, 25 Metro Drive, Suite 700, San Jose, CA 95110 (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 H01J 61/02

(11) WO 02/078050 (13) A2

(21) PCT/EP02/01369

(22) 9 Feb/fév 2002 (09.02.2002)

(25) de (26) de

(30) 101 15 046.6 27 Mar/mar 2001 DE (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR GENERATING AN IMAGE OF A NETWORK-LIKE MANUFACTURING PROCESS

• PROCEDE ET DISPOSITIF POUR PRODUIRE UNE IMAGE D'UN PROCESSUS DE FABRICATION DE TYPE RESEAU

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BÖTTCHER, Maren** [DE/DE]; Fangelsbachstrasse 28 B, 70180 Stuttgart (DE). **KAISER, Sandra** [DE/DE]; Filsweg 20, 73207 Plochingen (DE). **JANOCHA, Monika** [DE/DE]; Gräfin-von-Linden-Weg 4, 70563 Stuttgart (DE). **PUTZLOCHER, Stefan** [DE/DE]; Freiligrathstrasse 4, 71065 Sindelfingen (DE).

(74) **LINDNER-VOGT, Karin et al.** / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM - C 106, 70546 Stuttgart (DE).

(81) BR JP US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01J 61/82, 61/86, 61/12, 61/30

(11) WO 02/078051 (13) A1

(21) PCT/IB02/00944

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 101 14 680.9 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HIGH-PRESSURE GAS DISCHARGE LAMP

• LAMPE A DECHARGE DE GAZ HAUTE PRESSION

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(only for / seulement pour AT BE CH CN CY DE DK ES FI FR GB GR HU IE IT JP KR LU MC NL PT SE TR)

(71) PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH [DE/DE]; D-20099 Hamburg/DE (DE).

(only for / seulement pour DE)

(72, 75) BORN, Matthias [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JOST, Rüdiger [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) VOLMER, Georg; Internationaal Octroobureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN HU 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 H01L

(11) WO 02/078052 (13) A2

(21) PCT/DE02/00937

(22) 15 Mar/mar 2002 (15.03.2002)

(25) de (26) de

(30) 101 14 879.8 26 Mar/mar 2001 DE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE WITH AT LEAST TWO ORGANIC ELECTRONIC COMPONENTS AND METHOD FOR PRODUCING THE SAME

• APPAREIL COMPRENANT AU MOINS DEUX COMPOSANTS ELECTRONIQUES ORGANIQUES ET SON PROCEDE DE PRODUCTION

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERNDT, Adolf [DE/DE]; Adalbert-Stifter-Str. 11, 91083 Baiersdorf (DE). CLEMENS, Wolfgang [DE/DE]; Kornstr. 5, 90617 Puschendorf (DE). FIX, Walter [DE/DE]; Mühlstr. 20a, 90762 Fürth (DE). LORENZ, Markus [DE/DE]; Spiessstr. 33, 90441 Nürnberg (DE). ROST, Henning [DE/DE]; Heinrich-Kirchner-Str. 24, 91056 Erlangen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : JP EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(u) for / pour US only / seulement

(51)⁷ H01L

(11) WO 02/078053 (13) A2

(21) PCT/GB02/01176

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 0107703.1 27 Mar/mar 2001 GB (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELECTRO-ACTIVE ROTARY DEVICE

• DISPOSITIF ROTATIF ÉLECTRO-ACTIF

(71) 1...LIMITED [GB/GB]; St John's Innovation Centre, Cowley Road, Cambridge CB4 0WS (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01L

(11) WO 02/078054 (13) A2

(21) PCT/US02/04144

(22) 11 Feb/fév 2002 (11.02.2002)

(25) en (26) en

(30) 09/816,665 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INTEGRATED CIRCUIT PACKAGE WITH A CAPACITOR

• BOITIER DE CIRCUIT INTEGRE A CONDENSATEUR

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FIGUEROA, David, G. [US/US]; 5025 East Hilton Avenue, Mesa, AZ 85206 (US). MALLIK, Debendra [IN/US]; 1210 North

Judd Place, Chandler, AZ 85226 (US). RODRIGUEZ, Jorge, P. [US/US]; 2566 NW Marshall Street, Unit B, Portland, OR 97210 (US).

(74) HARRIS, Scott, C. et al. / etc.; Fish & Richardson P.C., Suite 500, 4350 La Jolla Village Drive, San Diego, CA 92122 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01L

(11) WO 02/078055 (13) A2

(21) PCT/US02/08390

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 09/815,607 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LIGHT EXTRACTOR APPARATUS

• APPAREIL D'EXTRACTION DE LUMIERE

(71) TELEDYNE LIGHTING AND DISPLAY PRODUCTS, INC. [US/US]; 12525 Daphne Avenue, Hawthorne, CA 90250 (US).

(72) PHELKA, David, G.; 8315 Kenyon Avenue, Los Angeles, CA 90045 (US). WINSTON, Roland; 5217 C South University Avenue, Chicago, IL 60615 (US). PARKYN, William, A., Jr.; 25031 Neko Drive, Lomita, CA 90717 (US).

(74) ROTH, Norman, W.; Roth & Goldman, 523 West Sixth Street, Suite 707, Los Angeles, CA 90014-1223 (US).

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01L

(11) WO 02/078056 (13) A2

(21) PCT/US02/08934

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/815,922 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PASSIVATION LAYER FOR MOLECULAR ELECTRONIC DEVICE FABRICATION

• COUCHE DE PASSIVATION POUR LA FABRICATION DE DISPOSITIFS ELECTRONIQUES MOLECULAIRES

(71) HEWLETT-PACKARD COMPANY [US/US]; Legal Department, 3000 Hanover Street, M/S 20BN, Palo Alto, CA 94304-1112 (US).

(72) CHEN, Yong; 4275 McKeller Lane, #2, Palo Alto, CA 94306 (US).

(74) SCHUYLER, Marc, P.; IPA, P.O. Box 272400, M/S 35, Fort Collins, CO 80527-2400 (US).

(81) 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 H01L

(11) WO 02/078057 (13) A2

(21) PCT/US02/09503

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,323 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A TRANSPINNOR-BASED SAMPLE-AND-HOLD CIRCUIT AND APPLICATIONS

• CIRCUIT ECHANTILLONNEUR-BLOQUEUR TRANSPINORIEL ET APPLICATIONS ASSOCIEES

(71) INTEGRATED MAGNETOELECTRONICS INC. [US/US]; 1214 Oxford Street, Berkeley, CA 94709-1432 (US).

(72) SPITZER, Richard; 1214 Oxford Street, Berkeley, CA 94709 (US). TOROK, E., James; 860 County Road I, W, Shoreview, MN 55126 (US). ZURN, Shayne; 9955 Elm Creek Trail, Champlin, MN 55316 (US).

(74) VILLENEUVE, Joseph, M.; BEYER WEAVER & THOMAS, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 H01L 21/00

(11) WO 02/078058 (13) A2

(21) PCT/DE02/00732

(22) 28 Feb/fév 2002 (28.02.2002)

(25) de (26) de

(30) 101 14 778.3 26 Mar/mar 2001 DE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR THE PRODUCTION OF A MOSFET WITH VERY SMALL CHANNEL LENGTH

• PROCEDE POUR LA PRODUCTION D'UN TRANSISTOR MOSFET A LONGUEUR DE CANAL TRES 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) CAPPELLANI, Annalisa [IT/US]; 4470 NW Kahneceta Drive, Portland, OR 97229 (US). DITTMAR, Ludwig [DE/DE]; Rossmässler Str. 8, 01139 Dresden (DE). SCHUMANN, Dirk [DE/DE]; Rosskastanienweg 10, 16567 Schönfließ (DE).

(74) EPPING, HERMANN & FISCHER; Rüdlerstr. 55, 80339 München (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01L 21/00

(11) WO 02/078059 (13) A1

(21) PCT/US01/32572

(22) 18 Oct/oct 2001 (18.10.2001)

(25) en (26) en

(30) 09/813,859 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS FOR MANUFACTURE OF SELF-ALIGNED INTEGRALLY GATED NANOFILAMENT FIELD EMITTER CELLS AND ARRAY

• PROCEDES DE FABRICATION DE CELLULES ET D'UN RESEAU A EMISSION PAR EFFET DE CHAMP A DECLenchement AUTO-ALIGNE

(71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY [US/US]; Naval Research Laboratory, 4555 Overlook Avenue, SW, Washington, DC 20375-5325 (US).

(72) HSU, David; 8718 Parry Lane, Alexandria, VA 22308 (US).

(74) KARASEK, John, J.; Associate Counsel (Patents), Code 1008.2, Naval Research Laboratory, 4555 Overlook Avenue, SW, Washington, DC 20375-5325 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ 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 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 H01L 21/00

(11) WO 02/078060 (13) A2

(21) PCT/US01/49825

(22) 19 Dec/déc 2001 (19.12.2001)

(25) en (26) en

(30) 09/817,056 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DAMASCENE PROCESSING USING DIELECTRIC BARRIER FILMS

• PROCESSUS DE DAMASQUINAGE METTANT EN OEUVRE DES FILMS ISOLANTS DIELECTRIQUES

(71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

(72) YANG, Kai; 1596 Bellemeade St, San Jose, CA 95131 (US). ERB, Darrell, M.; 1100 Runnymead Drive, Los Altos, CA 94024 (US). WANG, Fei; 6005 Wellfleet Way, San Jose, CA 95129 (US).

(74) RODDY, Richard, J.; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/00

(11) WO 02/078061 (13) A2

(21) PCT/US02/11164

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/681,351 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RECESSED SILICON OXIDATION FOR DEVICES SUCH AS A CMOS SOI ICs

• OXYDATION DE SILICIUM EN RETRAIT DESTINE A DES DISPOSITIFS TELS QU'UN CMOS SOI A MICRO-CIRCUITS INTEGRES

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) VOGT, Eric, E.; 339 Chester Street, Minneapolis, MN 55419 (US). YUE, Cheisen, J.; 1764 Skillman Avenue, Roseville, MN 55113 (US).

(74) CRISS, Roger, H. et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01L 21/00

(11) WO 02/078062 (13) A2

(21) PCT/US02/06649

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/817,162 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ACOUSTIC DETECTION OF DECHUCKING AND APPARATUS THEREFOR

- DETECTION ACOUSTIQUE DE SEPARATION ET DISPOSITIF ASSOCIE
- (63) US 09/817,162 (CON)
27 Mar/mar 2001 (27.03.2001)
- (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) FISCHER, Andreas [DE/US]; 18989 Mount Lassen Drive, Castro Valley, CA 94552 (US).
- (74) PETERSON, James, W. et al. / etc.; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01L 21/00
- (11) WO 02/078063 (13) A1
- (21) PCT/US02/08667
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 09/814,807 21 Mar/mar 2001 US (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • TRANSFER CHAMBER WITH SIDE WALL PORT
• CHAMBRE DE TRANSFERT A OUVERTURE D'ACCES LATÉRALE
- (71) APPLIED MATERIALS, INC. [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).
- (72) FRANKLIN, Timothy, J.; 635 Louise Court, Campbell, CA 95008 (US). MAROHL, Dan, A.; 3461 Outlook Court, San Jose, CA 95132 (US).
- (74) PATTERSON, William, B. et al. / etc.; MOSER, PATTERSON & SHERIDAN, LLP, 3040 Post Oak Blvd., Suite 1500, Houston, TX 77056 (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 H01L 21/00
- (11) WO 02/078064 (13) A2
- (21) PCT/US02/08956
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) en (26) en
- (30) 09/817,729 26 Mar/mar 2001 US (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ELECTROCHEMICAL ETCHING PROCESS
- PROCESSUS DE GRAVURE ELECTROCHIMIQUE
- (63) US 09/817,729 (CON)
26 Mar/mar 2001 (26.03.2001)
- (71) BOSTON MICROSYSTEMS, INC. [US/US]; 30-H Sixth Road, Woburn, MA 01801 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MLCACK, Richard [CA/US]; 4 Washington Avenue #18, Cambridge, MA 02140 (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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01L 21/02, 21/68
- (11) WO 02/078065 (13) A1
- (21) PCT/JP02/02538
- (22) 18 Mar/mar 2002 (18.03.2002)
- (25) ja (26) ja
- (30) 2001-83148 22 Mar/mar 2001 JP (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SEMICONDUCTOR PRODUCTION SYSTEM, CLUSTER TOOL, CONTROL METHOD OF SEMICONDUCTOR PRODUCTION SYSTEM AND MAINTENANCE METHOD OF CLUSTER TOOL
• SYSTEME DE PRODUCTION DE SEMI-CONDUCTEURS, OUTIL MULTIPOSTE PROCEDE DE REGLAGE D'UN SYSTEME DE PRODUCTION DE SEMI-CONDUCTEURS, ET PROCEDE DE MAINTENANCE D'OUTILS MULTIPOSTE
- (71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ISHII, Tomoyuki [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 650, Mitsuizawa, Hosaka-cho, Nirasaki-shi, Yamanashi 407-0192 (JP). NUMAKURA, Masahiro [JP/JP]; c/o TOKYO ELECTRON AT LIMITED, 1-1, Aza Nekohazama, Nemawari, Matsushima-machi, Miyagi-gun, Miyagi 981-0203 (JP).
- (74) SUYAMA, Saichi; Kanda Higashiyama Bldg., 1, Kandata-cho 2-chome, Chiyoda-ku, Tokyo 101-0046 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM
- HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01L 21/02
- (11) WO 02/078066 (13) A1
- (21) PCT/KR02/00532
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) ko (26) en
- (30) 2001/16007 27 Mar/mar 2001 KR (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • AUTOMATIC CONTINUE WAFER PROCESSING SYSTEM AND METHOD FOR USING THE SAME
• SYSTEME CONTINU AUTOMATIQUE DE TRAITEMENT DE TRANCHE SEMI-CONDUCTRICE ET PROCEDE D'UTILISATION
- (71) IPS LTD. [KR/KR]; 33, Jije-dong, Pyungtaek-city, 450-090 Kyungki-do (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARK, Young-Hoon [KR/KR]; 33, Jije-dong, Pyungtaek-city, 450-090 Kyungki-do (KR). KYUNG, Hyun-Soo [KR/KR]; 33, Jije-dong, Pyungtaek-city, 450-090 Kyungki-do (KR). LIM, Hong-Joo [KR/KR]; 33, Jije-dong, Pyungtaek-city, 450-090 Kyungki-do (KR). BAIK, Choon-Kum [KR/KR]; 33, Jije-dong, Pyungtaek-city, 450-090 Kyungki-do (KR). CHOI, Chang-Hwan [KR/KR]; 33, Jije-dong, Pyungtaek-city, 450-090 Kyungki-do (KR). BAE, Jang-Ho [KR/KR]; 33, Jije-dong, Pyungtaek-city, 450-090 Kyungki-do (KR).
- (74) LEE, Young-Pil; The Cheonghwa Building, 1571-18, Seocho-dong Seocho-gu, 137-874 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01L 21/205, 29/812, 21/338, C23C 16/34, C30B 29/38, H01L 29/201
- (11) WO 02/078067 (13) A1
- (21) PCT/JP02/02660
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) ja (26) ja
- (30) 2001-84297 23 Mar/mar 2001 JP (23.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR GROWING CRYSTAL OF GALLIUM NITRIDE COMPOUND SEMICONDUCTOR AND ELECTRONIC DEVICE HAVING GALLIUM NITRIDE COMPOUND SEMICONDUCTOR
- PROCÉDÉ DE TIRAGE DE CRISTAUX DE SEMI-CONDUCTEUR COMPOSÉ À BASE DE NITRURE DE GALLIUM, ET DISPOSITIF ÉLECTRONIQUE COMPORTANT UN SEMI-CONDUCTEUR COMPOSÉ À BASE DE NITRURE DE GALLIUM
- (71, 72) ARAKAWA, Yasuhiko [JP/JP]; 767-31, Ozenji, Asao-ku, Kawasaki-shi, Kanagawa 215-0013 (JP). SOMEYA, Takao [JP/JP]; 4-8-RA203, Komaba, Meguro-ku, Tokyo 153-0041 (JP). HOSHINO, Katsuyuki [JP/JP]; Room 1017, Tosho-center, 2-1-9, Yanagibashi, Taito-ku, Tokyo 111-0052 (JP).
- (74) INABA, Shigeru; NARUSE, INABA & INAMI, Hanabishi Imas Hirakawacho Building, 4th Floor, 3-11, Hirakawacho 2-chome, Chiyoda-ku, Tokyo 102-0093 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01L 21/205, 33/00, H01S 5/323
- (11) WO 02/078068 (13) A1
- (21) PCT/JP02/02830
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) ja (26) ja
- (30) 2001-90805 27 Mar/mar 2001 JP (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR GROWING CRYSTAL OF COMPOUND SEMICONDUCTOR BY MOVPE
- PROCEDE DE CROISSANCE DE CRISTAL DE SEMI-CONDUCTEUR COMPOSE PAR EPITAXIE EN PHASE VAPEUR ORGANO-METALLIQUE
- (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) NAKANO, Yoshiaki [JP/JP]; 28-5, Matsubara 5-chome, Setagaya-ku, Tokyo 156-0043 (JP). SHIMOYAKI, Yukihiko [JP/JP]; 27-6-706, Koishikawa 3-chome, Bunkyo-ku, Tokyo 112-0002 (JP). NAKANO, Takayuki [JP/JP]; 4-13, Kusatsu 2-chome, Kusatsu-shi, Shiga 525-0034 (JP). FUKUSHIMA, Yasuyuki [JP/JP]; 10-44, Ekoda 2-chome, Aoba-ku, Yokohama-shi, Kanagawa 225-0005 (JP).
- (74) SHIMIZU, Mamoru; Ohzono Bldg., 7-10, Kanda-mitoshiro-cho, Chiyoda-ku, Tokyo 101-0053 (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 H01L 21/205, 21/20, 31/10, 33/00, H01S 5/026, 5/22
- (11) WO 02/078069 (13) A1
- (21) PCT/JP02/02980
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) ja (26) ja
- (30) 2001-90893 27 Mar/mar 2001 JP (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • NITRIDE SEMICONDUCTOR ELEMENT AND PRODUCTION METHOD THEREOF
- ELEMENT DE SEMI-CONDUCTEUR AU NITRURE
- (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) KOBAYASHI, Toshimasa [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). YANASHIMA, Katsunori [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). YAMAGUCHI, Takashi [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). NAKAJIMA, Hiroshi [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 US.
-
- (51)⁷ H01L 21/205, C30B 25/10, 25/12
- (11) WO 02/078070 (13) A1
- (21) PCT/SE02/00560
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 0101012-3 23 Mar/mar 2001 SE (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • A DEVICE FOR EPITAXIALLY GROWING OBJECTS BY CVD
- DISPOSITIF DESTINE A LA CROISSANCE EPITAXIALE D'OBJETS PAR CVD
- (71) ABBRESEARCH LIMITED [SE/SE]; P.O. Box 8131, CH-8050 Zürich (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LIU, Yuijing [CN/SE]; Rönnbergagatan 54, S-723 46 Västerås (SE). LÖFGREN, Peter [SE/SE]; Tvärpilsgatan 14, S-723 53 Västerås (SE). HALLIN, Christer [SE/SE]; Bygdegatan 345, S-583 31 Linköping (SE). ZHOU, Gang [CN/SE]; Björnåfällsvägen 43, S-722 42 Västerås (SE).
- (74) OLSSON, Jan et al. / etc.; Bjerjkéns Patentbyrå KB, Box 1274, S-801 37 Gävle (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 FR GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01L 21/28
- (11) WO 02/078071 (13) A2
- (21) PCT/US01/48596
- (22) 12 Dec/déc 2001 (12.12.2001)
- (25) en (26) en
- (30) 09/818,369 27 Mar/mar 2001 US (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD OF SHRINKING AN INTEGRATED CIRCUIT GATE
- PROCEDE DE REDUCTION D'UNE GRILLE DE CIRCUIT INTEGRE
- (71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).
- (72) HUI, Angela, T.; 362 Pilgrim Loop, Fremont, CA 94539 (US). GRANDEHARI, Kouros; 2409 Karen Drive #4, Santa Clara, CA 95050 (US). SINGH, Bhanwar; 17122 Heatherwood Way, Morgan Hill, CA 95037 (US).
- (74) RODDY, Richard, J.; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01L 21/3065
- (11) WO 02/078072 (13) A1
- (21) PCT/JP02/02627
- (22) 19 Mar/mar 2002 (19.03.2002)
- (25) ja (26) ja
- (30) 2001-82769 22 Mar/mar 2001 JP (22.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PLASMA PROCESSOR AND PLASMA PROCESSING METHOD
- UNITE ET PROCEDE DE TRAITEMENT PAR PLASMA
- (71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) ANDO, Makoto [JP/JP]; 1-1-1-312, Ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 211-0954 (JP). TAKAHASHI, Masaharu [JP/JP]; 5-4-12, Midorigaoka, Yachiyo-shi, Chiba 276-0049 (JP). YASAKA, Yasuyoshi [JP/JP]; 5-107, Sudome, Kohata, Uji-shi, Kyoto 611-0002 (JP).
- (72, 75) ISHII, Nobuo [JP/JP]; c/o TOKYO ELECTRON LIMITED, 1-8, Fuso-cho, Amagasaki-shi, Hyogo 660-0891 (JP).
- (74) FUKAMI, Hisao et al. / etc.; Mitsui Sumitomo Bank Minamimorimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH 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 H01L 21/31, C23C 16/44, H01L 21/3065
- (11) WO 02/078073 (13) A1
- (21) PCT/JP02/02548
- (22) 18 Mar/mar 2002 (18.03.2002)
- (25) ja (26) ja
- (30) 2001-82840 22 Mar/mar 2001 JP (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD OF CLEANING CVD DEVICE AND CLEANING DEVICE THEREFOR
- PROCEDE DE NETTOYAGE D'UN DISPOSITIF CVD ET DISPOSITIF NETTOYANT AFFERENT
- (71) RESEARCH INSTITUTE OF INNOVATIVE TECHNOLOGY FOR THE EARTH [JP/JP]; 2, Kizugawa-dai 9-chome, Kizu-cho, Souraku-gun, Kyoto 619-0292 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHIBATA, Koji [JP/JP]; c/o RESEARCH INSTITUTE OF INNOVATIVE TECHNOLOGY FOR THE EARTH, 2, Kizugawa-dai 9-chome, Kizu-cho, Souraku-gun, Kyoto 619-0292 (JP). TSUJI, Naoto [JP/JP]; c/o RESEARCH INSTITUTE OF INNOVATIVE TECHNOLOGY FOR THE EARTH, 2, Kizugawa-dai 9-chome, Kizu-cho, Souraku-gun, Kyoto 619-0292 (JP). MU-RATA, Hitoshi [JP/JP]; c/o RESEARCH INSTITUTE OF INNOVATIVE TECHNOLOGY FOR THE EARTH, 2, Kizugawa-dai 9-chome, Kizu-cho, Souraku-gun, Kyoto 619-0292 (JP). WANI, Etsuo [JP/JP]; c/o RESEARCH INSTITUTE OF INNOVATIVE TECHNOLOGY FOR THE EARTH, 2, Kizugawa-dai 9-chome, Kizu-cho, Souraku-gun, Kyoto 619-0292 (JP). KOSANO, Yoshihide [JP/JP]; c/o RESEARCH INSTITUTE OF INNOVATIVE TECHNOLOGY FOR THE EARTH, 2, Kizugawa-dai 9-chome, Kizu-cho, Souraku-gun, Kyoto 619-0292 (JP).
- (74) SUZUKI, Shunichiro; SUZUKI & ASSOCIATES, Gotanda Yamazaki Bldg. 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo 141-0031 (JP).
- (81) KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ H01L 21/324, 21/00
- (11) WO 02/078074 (13) A1
- (21) PCT/KR01/00443
- (22) 21 Mar/mar 2001 (21.03.2001)
- (25) ko (26) en
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • APPARATUS AND METHOD FOR TEMPERATURE CONTROL IN RTP USING AN ADAPTATIVE CONTROL
- RÉGULATION ADAPTATIVE POUR LA RÉGULATION THERMIQUE D'UN TRAITEMENT THERMIQUE RAPIDE ET APPAREIL À CET EFFET
- (71) KORNIC SYSTEMS CORP. [KR/KR]; 128-2 Chuckbuk-ri, Namyi-myeon, Cheongwon-gun, Chungcheongbuk-do 363-813 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHOI, Jin-Young [KR/KR]; 2-3 Hyundai Villa, 1483-3 Seocho-dong, Seocho-ku, Seoul 137-070 (KR). CHOI, Hong-Seok [KR/KR]; 102-1301 Hansung Apt., Shingil-7dong, Yeongdeungpo-gu, Seoul 150-057 (KR). DO, Hyun-Min [KR/KR]; 307-507 Hansol Apt., Ilwonbon-dong, Kangnam-gu, Seoul 135-239 (KR).
- (74) HUH, Jin-Seok; J.S. HUH Patent Office, 206 Sungji Building, 1338-22 Seocho-dong, Seocho-ku, Seoul 137-070 (KR).
- (81) JP US.
-
- (51)⁷ H01L 21/336, 21/335
- (11) WO 02/078075 (13) A1
- (21) PCT/BE02/00043
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) en (26) en
- (30) 01870060.9 23 Mar/mar 2001 EP (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • FABRICATION METHOD OF SOI SEMICONDUCTOR DEVICES
- PROCEDE DE FABRICATION DE DISPOSITIFS A SEMI CONDUCTEURS SOI
- (71) UNIVERSITÉ CATHOLIQUE DE LOUVAIN [BE/BE]; 1, place de l'Université, B-1348 Louvain-La-Neuve (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FLANDRE, Denis [BE/BE]; Rue des Archives 126, B-1170 Bruxelles (BE). NEVE de MEVERGNIES, Amaury [BE/BE]; Avenue Général Médecin Derache 115, B-1050 Ixelles (BE). RASKIN, Jean-Pierre [BE/BE]; Place de l'Equerre 53, B-1348 Louvain-la-Neuve (BE).
- (74) BIRD, William, E. et al. / etc.; Bird Goën & Co, Vilvoordsebaan 92, B-3020 Winksele (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Declaration / Déclaration :
- (u) for / pour US only / seulement
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- (51)⁷ H01L 21/48, 23/538
- (11) WO 02/078076 (13) A2
- (21) PCT/EP02/03326
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) de (26) de
- (30) 101 14 767.8 26 Mar/mar 2001 DE (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR REALIZING WIRING OPTIONS IN AN INTEGRATED CIRCUIT AND A CORRESPONDING INTEGRATED CIRCUIT
- PROCEDE DE REALISATION D'OPTIONS DE CABLAGE DANS UN CIRCUIT INTEGRE ET CIRCUIT INTEGRE CORRESPONDANT
- (71) MICRONAS GMBH [DE/DE]; Hans-Bunte-Strasse 19, 79108 Freiburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WAGNER, Eckart [DE/DE]; Bühlacherstrasse 12, 79275 Vörstetten (DE). WINTERER, Martin [DE/DE]; Bundesstrasse 106, 79194 Gundelfingen (DE).
- (74) WESTPHAL, MUSSGNUG & PARTNER; Waldstrasse 33, 78078 Villingen-Schwenningen (DE).
- (81) JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ H01L 21/56
- (11) WO 02/078077 (13) A1
- (21) PCT/NL02/00192
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) en (26) en
- (30) 01201122.7 26 Mar/mar 2001 EP (26.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR ENCAPSULATING A CHIP HAVING A SENSITIVE SURFACE
• PROCÉDE D'ENCAPSULATION D'UNE PUCE PRESENTANT UNE SURFACE SENSIBLE
- (71) EUROPEAN SEMICONDUCTOR ASSEMBLY (EURASEM) B.V. [NL/NL]; P.O. Box 566, NL-6500 AN Nijmegen (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RABEN, Jurgen [NL/NL]; Badweg 6, NL-7061 AD Terborg (NL).
- (74) JORRITSMA, Ruurd; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01L 21/56, 23/538, 21/68
- (11) WO 02/078078 (13) A2
- (21) PCT/US02/06076
- (22) 1 Mar/mar 2002 (01.03.2002)
- (25) en (26) en
- (30) 09/817,710 26 Mar/mar 2001 US (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DISPENSING PROCESS FOR FABRICATION OF MICROELECTRONIC PACKAGES
• METHODE DE DISTRIBUTION POUR FABRICATION DE MODULES MICROELECTRONIQUES
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TOWLE, Steven, N. [US/US]; 301 West Desert Flower Lane, Phoenix, AZ 85045 (US). CUENDET, John, S. [US/US]; 9508 Javelina Avenue, Mesa, AZ 85208 (US). JOHNSON, Kyle, T. [US/US]; 2305 Marlboro Drive, Chandler, AZ 85224 (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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

- RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01L 21/60
- (11) WO 02/078079 (13) A1
- (21) PCT/JP02/02836
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) ja (26) ja
- (30) 2001-86717 26 Mar/mar 2001 JP (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PACKAGE OF SEMICONDUCTOR DEVICE AND ITS MANUFACTURING METHOD
• BOITIER DE DISPOSITIF SEMI-CONDUCTEUR ET PROCÉDE DE FABRICATION CORRESPONDANT
- (71) CITIZEN WATCH CO., LTD. [JP/JP]; 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TERASHIMA, Kazuhiko [JP/JP]; c/o Citizen Watch Co., Ltd., 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).
- (74) TAKEMOTO, Shoji et al. / etc.; 6F., TORANOMON 19 MORI Bldg., 2-20, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN JP US.
- (51)⁷ H01L 21/607, 23/31
- (11) WO 02/078080 (13) A1
- (21) PCT/IB02/00486
- (22) 18 Feb/fév 2002 (18.02.2002)
- (25) en (26) en
- (30) 01890093.6 23 Mar/mar 2001 EP (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CHIP MODULE WITH BOND-WIRE CONNECTIONS WITH SMALL LOOP HEIGHT
• MODULE DE PUCE A CONNEXIONS PAR FILS A FAIBLE HAUTEUR DE BOUCLE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) SCHOBER, Joachim, H.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). TOOTH, Marcus; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) WEBER, Helmut; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
- (51)⁷ H01L 21/66, H01J 37/32
- (11) WO 02/078081 (13) A1
- (21) PCT/IE01/00153

- (22) 3 Dec/déc 2001 (03.12.2001)
- (25) en (26) en
- (30) 2001/0288 23 Mar/mar 2001 IE (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ENDPOINT DETECTION IN THE ETCHING OF DIELECTRIC LAYERS
• DETECTION DE POINT D'EXTREMITE LORS DE L'ATTAQUE DE COUCHES DIELECTRIQUES
- (71) SCIENTIFIC SYSTEMS RESEARCH LIMITED [IE/IE]; Unit 3, Howth Junction Business Park, Kilbarrack, Dublin 5 (IE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOPKINS, Michael, B. [IE/IE]; 46 St. Margarets Avenue, Raheny, Dublin 5 (IE). SCANLAN, John [IE/IE]; 50 Summerville Avenue, Waterford (IE).
- (74) BOYCE, Conor; F. R. Kelly & Co., 27 Clyde Road, Ballsbridge, Dublin 4 (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : 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 AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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
(u) for / pour US only / seulement
- (51)⁷ H01L 21/768
- (11) WO 02/078082 (13) A2
- (21) PCT/GB02/01414
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) en (26) en
- (30) 09/816,977 23 Mar/mar 2001 US (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ELECTRONIC STRUCTURE
• STRUCTURE ELECTRONIQUE
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
- (71) IBM UNITED KINGDOM LIMITED [GB/GB]; P.O. Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
(only for / seulement pour MG)

(72) **ADAMS, Charlotte**; 49 Sharon Drive, Poughkeepsie, NY 12603 (US). **STAMPER, Anthony**; 46 Evergreen Drive, Williston, VT 05495 (US).

(74) **RICHARDS, John, Peter**; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 **H01L 21/768**

(11) **WO 02/078083** (13) A2

(21) PCT/US02/08540

(22) **19 Mar/mar 2002 (19.03.2002)**

(25) en (26) en

(30) 09/819,181 **27 Mar/mar 2001 US (27.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **IN-STREET INTEGRATED CIRCUIT WAFER VIA**
• **VIA DE TRANCHE DE CIRCUIT INTEGRE DE RACCORDEMENT**

(71) **FORMFACTOR, INC.** [US/US]; 2140 Research Drive, Livermore, CA 94550 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MILLER, Charles, A.** [US/US]; 48881 Semillon Drive, Fremont, CA 94539 (US).

(74) **MERKADEAU, Stuart, L.** et al. / etc.; Formfactor, Inc., 2140 Research Drive, Livermore, CA 94550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **H01L 21/8246, 21/02**

(11) **WO 02/078084** (13) A2

(21) PCT/DE02/01054

(22) **22 Mar/mar 2002 (22.03.2002)**

(25) de (26) de

(30) 101 14 406.7 **23 Mar/mar 2001 DE (23.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **METHOD FOR PRODUCING FERRO-ELECTRIC MEMORY CELLS**

• **PROCEDE DE FABRICATION DE CELLULES DE MEMOIRE FERROELECTRIQUES**

(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) **KASKO, Igor** [BY/DE]; Hans-Mielich-Str. 23, 81543 München (DE). **KROENKE, Matthias** [DE/DE]; Nordstr. 20, 01099 Dresden (DE).

(74) **KOTTMANN, Dieter**; Müller, Hoffmann & Partner, Patentanwälte, Innere Wiener Str. 17, 81667 München (DE).

(81) CN JP KR US.

(84) EP (DE FR GB IE IT NL).

(51)⁷ **H01L 23/02, 23/10**

(11) **WO 02/078085** (13) A1

(21) PCT/JP02/02808

(22) **22 Mar/mar 2002 (22.03.2002)**

(25) ja (26) ja

(30) 2001-89376 **27 Mar/mar 2001 JP (27.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **PACKAGE FOR ELECTRONIC PART AND METHOD OF MANUFACTURING THE PACKAGE**

• **BOITIER POUR PIECE ELECTRONIQUE ET SON PROCEDE DE PRODUCTION**

(71) **SUMITOMO SPECIAL METALS CO., LTD.** [JP/JP]; 7-19, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). **DAISHINKU CORPORATION** [JP/JP]; 1389, Shinzaike Aza Kono, Hiraoka-cho, Kakogawa-shi, Hyogo 675-0194 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIOMI, Kazuhiro** [JP/JP]; c/o SUITA WORKS, SUMITOMO SPECIAL METALS CO., LTD., 19-1, Minamisuita 2-chome, Suita-shi, Osaka 564-0043 (JP). **ISHIO, Masaaki** [JP/JP]; c/o SUITA WORKS, SUMITOMO SPECIAL METALS CO., LTD., 19-1, Minamisuita 2-chome, Suita-shi, Osaka 564-0043 (JP). **IIZUKA, Minoru** [JP/JP]; c/o DAISHINKU CORPORATION, 1389, Shinzaike Aza Kono, Hiraoka-cho, Kakogawa-shi, Hyogo 675-0194 (JP). **OGASAWARA, Yoshikiyo** [JP/JP]; c/o DAISHINKU CORPORATION, 1389, Shinzaike Aza Kono, Hiraoka-cho, Kakogawa-shi, Hyogo 675-0194 (JP).

(74) **HONDA, Tatsuo**; HONDA PATENT OFFICE, 6F, Shin-Osaka Maru Bldg. Shinkan, 18-27, Higashinakajima 1-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-0033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 **H01L 23/367, 23/051**

(11) **WO 02/078086** (13) A2

(21) PCT/US02/10562

(22) **26 Mar/mar 2002 (26.03.2002)**

(25) en (26) en

(30) 09/819,262 **27 Mar/mar 2001 US (27.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **POWER TRANSISTOR PACKAGE WITH INTEGRATED FLANGE FOR SURFACE MOUNT HEAT REMOVAL**

• **BOITIER DE TRANSISTOR DE PUISSANCE MUNI D'UN REBORD INTEGRÉ DESTINE A EVACUER LA CHALEUR PAR MONTAGE EN SURFACE**

(71) **ERICSSON INC.** [US/US]; 6300 Legacy, Plano, TX 75024 (US).

(72) **LAUREANTI, Steven, J.**; 2036 Briarcliff Road, Lewisville, TX 75067 (US).

(74) **BURLEIGH, Roger, S.**; Ericsson Inc., 6300 Legacy, MS EVW 2-C-2, Plano, TX 75024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **H01L 23/48, 21/768**

(11) **WO 02/078087** (13) A2

(21) PCT/US02/05371

(22) **20 Feb/fév 2002 (20.02.2002)**

(25) en (26) en

(30) 09/792,311 **22 Feb/fév 2001 US (22.02.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **SEMICONDUCTOR STRUCTURES HAVING MULTIPLE CONDUCTIVE LAYERS IN AN OPENING, AND METHODS FOR FABRICATING SAME**

• **STRUCTURES DE SEMI-CONDUCTEUR POSSEDANT DE MULTIPLES COUCHES CONDUCTRICES DANS UNE OUVERTURE ET LEURS PROCEDES DE FABRICATION**

(71) TRU-SI TECHNOLOGIES, INC. [US/US]; 657 North Pastoria Avenue, Sunnyvale, CA 94085 (US).

(72) HALAHAN, Patrick, B.; 3932 Casanova Drive, San Mateo, CA 94403 (US). SINIAGUINE, Oleg; 6 Azalea Lane, San Carlos, CA 94070 (US).

(74) SHENKER, Michael et al. / etc.; Skjervan Morrill MacPherson LLP, 25 Metro Drive, Suite 700, San Jose, CA 95110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01L 23/538, 25/07

(11) WO 02/078088 (13) A1

(21) PCT/FR02/00970

(22) 20 Mar/mar 2002 (20.03.2002)

(25) fr (26) fr

(30) 0103880 22 Mar/mar 2001 FR (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR ASSEMBLING COMPONENTS OF DIFFERENT THICKNESSES

• ASSEMBLAGE DE COMPOSANTS D'ÉPAISSEURS DIVERSES

(71) COMMISSARIAT A L'ÉNERGIE 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) HENRY, David [FR/FR]; Les Terrasses de Belledonne, F-38660 Le Touvet (FR). MASSIT, Claude [FR/FR]; 248 Chemin des Petites Roches, F-38330 Saint-Ismier (FR).

(74) LEHU, Jean et al. / etc.; c/o Brevatome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

(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 H01L 27/06, 25/16

(11) WO 02/078089 (13) A1

(21) PCT/SE02/00491

(22) 15 Mar/mar 2002 (15.03.2002)

(25) en (26) en

(30) 0100992-7 22 Mar/mar 2001 SE (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LDMOS TRANSISTOR AND POWER AMPLIFIER HAVING A SHARED EARTH PLANE

• TRANSISTOR LDMOS ET AMPLIFICATEUR DE PUISSANCE A PLAN DE MASSE COMMUN

(71) TELEFONAKTIEBOLAGET LM ERICSSON [SE/SE]; S-126 25 Stockholm (SE).

(72) EMANUELSSON, Thomas; L. Dalavägen 9, S-426 68 Västra Frölunda (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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01L 29/78, 29/41, 21/336

(11) WO 02/078090 (13) A2

(21) PCT/IB02/00931

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 0107405.3 23 Mar/mar 2001 GB (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FIELD EFFECT TRANSISTOR STRUCTURE AND METHOD OF MANUFACTURE

• STRUCTURE DE TRANSISTOR A EF-FET DE CHAMP ET 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) 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 H01L 29/78, 29/41, 27/06, 21/336, 21/8234

(11) WO 02/078091 (13) A2

(21) PCT/IB02/00970

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 0107408.7 23 Mar/mar 2001 GB (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FIELD EFFECT TRANSISTOR STRUCTURE AND METHOD OF MANUFACTURE

• STRUCTURE DE TRANSISTOR A EF-FET DE CHAMP ET SON PROCEDE DE PRODUCTION

(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). GROVER,

Raymond, J.; 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) 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 H01L 29/78, 29/739, 29/749, 29/417, 29/41, 21/336, 21/331, 21/332

(11) WO 02/078092 (13) A1

(21) PCT/US02/07004

(22) 8 Mar/mar 2002 (08.03.2002)

(25) en (26) en

(30) 60/274,760 9 Mar/mar 2001 US (09.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • POWER SEMICONDUCTOR DEVICE HAVING A TRENCH GATE ELECTRODE AND METHOD OF MAKING THE SAME

• DISPOSITIF A SEMICONDUCTEURS DE PUISSANCE PRESENTANT UNE ELECTRODE DE GRILLE SANS FORME DE TRANCHEE ET PROCEDE DE FABRICATION CORRESPONDANT

(71) FAIRCHILD SEMICONDUCTOR CORPORATION [US/US]; 82 Running Hill Road, MS 35-4E, South Portland, ME 04106 (US).

(72) ZENG, Jun; 3505 Emerard Street, Torrance, CA 90503 (US).

(74) FITZGERALD, Thomas, R.; Jaeckle Fleischmann & Muegel, LLP, 39 State Street, Rochester, NY 14614-1310 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H01L 29/78, 21/336, 21/4763, 21/8238

(11) WO 02/078093 (13) A1

(21) PCT/US02/07198

(22) 8 Mar/mar 2002 (08.03.2002)

(25) en (26) en

(30) 60/277,637 21 Mar/mar 2001 US (21.03.2001)

(30) 10/094,835 7 Mar/mar 2002 US (07.03.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • REDUCED MASK COUNT PROCESS FOR MANUFACTURE OF MOSGATED DEVICE

• PROCEDE A NOMBRE DE MASQUES REDUIT POUR LA FABRICATION D'UN DISPOSITIF A PORTES MOS

- (71) INTERNATIONAL RECTIFIER CORPORATION [US/US]; 233 Kansas Street, El Segundo, CA 90245 (US).
- (72) SPRING, Kyle; 32094 Cortecarmona, Temecula, CA 92592 (US). CAO, Jianjun; 43262 Calle Mataro, Temecula, CA 92592 (US).
- (74) WEINER, Samuel, H. et al. / etc.; Ostrolenk, Faber, Gerb & Soffen, LLP, 1180 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 H01L 29/786, 21/336, 21/266
- (11) WO 02/078094 (13) A1
- (21) PCT/IB02/00945
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 0107410.3 23 Mar/mar 2001 GB (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ELECTRONIC DEVICES COMPRISING THIN-FILM TRANSISTORS, AND THEIR MANUFACTURE
- DISPOSITIFS ELECTRONIQUES COMPRENANT DES TRANSISTORS A COUCHES MINCES, ET LEUR FABRICATION
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) ROHLFING, Frank, W.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) SHARROCK, Daniel, J.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (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).
- Published / Publiée : (c)
- (51)⁷ H01L 31/00
- (11) WO 02/078095 (13) A2
- (21) PCT/US02/05640
- (22) 22 Feb/fév 2002 (22.02.2002)
- (25) en (26) en
- (30) 09/819,344 28 Mar/mar 2001 US (28.03.2001)
- (30) 09/819,692 28 Mar/mar 2001 US (28.03.2001)
- (30) 09/819,342 28 Mar/mar 2001 US (28.03.2001)
- (30) 09/820,143 28 Mar/mar 2001 US (28.03.2001)
- (30) 09/819,343 28 Mar/mar 2001 US (28.03.2001)
- (30) 09/819,552 28 Mar/mar 2001 US (28.03.2001)
- (30) 10/017,855 14 Dec/déc 2001 US (14.12.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ENHANCED TRANSISTOR GATE USING E-BEAM RADIATION
- GRILLE DE TRANSISTOR AMELIOREE AU MOYEN D'UN RAYONNEMENT DE FAISCEAUX ELECTRONIQUES
- (71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).
- (72) FISHER, Philip, A.; 730 Chebec Lane, Foster City, CA 94404 (US). YANG, Chih-Yuh; 1144 Little John Way, San Jose, CA 95129 (US). PLAT, Marina, V.; 4620 Corrida Circle, San Jose, CA 95129 (US). CALLAHAN, Russell, R., A.; 930 La Barbera Drive, San Jose, CA 95126 (US). KHATHURIA, Ashok, M.; 5512 Castle Glen Avenue, San Jose, CA 95129 (US).
- (74) RODDY, Richard, J.; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01L 31/18
- (11) WO 02/078096 (13) A1
- (21) PCT/US02/08662
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 60/278,468 23 Mar/mar 2001 US (23.03.2001)
- (30) Not furnished / non communiqué 22 Mar/mar 2002 US (22.03.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • TREATING N-TYPE GaN WITH A C12-BASED INDUCTIVELY COUPLED PLASMA BEFORE FORMATION OF OHMIC CONTACTS
- TRAITEMENT DE FILMS AU NITRURE DE GALLIUM (GAN) DE TYPE N, PAR ATTAQUE AU CHLORE (CL₂) ET PLASMA INDUCTIF, AVANT LA FORMATION DE CONTACTS OHMIQUES
- (71) ORIOL, INC. [US/US]; 3390 Viso Court, Santa Clara, CA 95054 (US).
- (72) LEE, Jong, Lam; Faculty Housing E-1401, Jigok-dong 756, Nam-gu, Pohang, Kyungbuk 790-784 (KR). JANG, Ho, Won; #901 Gasan-3ri, Guam-myun, Uisung-gun, Kyungbuk (KR). KIM, Jong, Kyu; Jinhuing Apt. 8-605, Gil-dong 298-1, Gangdong-gu, Seoul (KR). JEON, Changmin; Tachyung Apt. 1103, Sinweoul-1 dong 134-17, Yanchcheon-gu, Seoul (KR).
- (74) GOLDMAN, Rebecca, A. et al. / etc.; Long Aldridge & Norman LLP, Suite 600, 701 Pennsylvania Avenue, N.W., Washington, DC 20004 (US).
- (81) CN DE JP KR.
- (51)⁷ H01L 33/00, H01S 3/16, 3/0933, 3/02, 3/063
- (11) WO 02/078097 (13) A2
- (21) PCT/GB02/00908
- (22) 1 Mar/mar 2002 (01.03.2002)
- (25) en (26) en
- (30) 0107001.0 21 Mar/mar 2001 GB (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • OPTICAL AMPLIFIERS
- AMPLIFICATEURS OPTIQUES
- (71) QUEEN MARY AND WESTFIELD COLLEGE [GB/GB]; University of London, London E1 4NS (GB).
- (for all designated States except / pour tous les États désignés sauf US)
- (71, 72) GILLIN, William, Paul [GB/GB]; 27 Denzil Road, Guildford, Surrey GU2 5NQ (GB).
- (72, 75) CURRY, Richard, James [GB/GB]; 1 Otterbourne House, Main Road, Otterbourne, Winchester, Hampshire SO21 2EQ (GB).
- (74) TALBOT-PONSONBY, Daniel, Frederick; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford, Oxfordshire OX4 2RU (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01L 41/04
- (11) WO 02/078098 (13) A2
- (21) PCT/DE02/01029
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) de (26) de
- (30) 101 13 802.4 21 Mar/mar 2001 DE (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DEVICE FOR CONTROLLING A PIEZOELECTRIC ACTUATOR
- DISPOSITIF DE COMMANDE D'UN ORGANE DE REGLAGE PIEZOELECTRIQUE

- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHEMISKY, Eric** [FR/FR]; 65, rue de la 1ère Armée, F-67630 Lauterbourg (FR).
SCHROD, Walter [DE/DE]; Nittenuauer Strasse 8, 93057 Regensburg (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CN 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 **H01L 41/047**
(11) **WO 02/078099** (13) A2
(21) PCT/BE02/00026
(22) **6 Mar/mar 2002 (06.03.2002)**
(25) en (26) en
(30) 01870068.2 **28 Mar/mar 2001 EP (28.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR SHAPING LAMINAR PIEZOELECTRIC ACTUATORS AND SENSORS AND RELATED DEVICE.
• PROCEDE DE FORMATION D'ACTIONNEURS ET DE CAPTEURS PIEZO-ELECTRIQUES LAMINAIRES ET DISPOSITIF ASSOCIE
- (71) **MICROMEGA DYNAMICS S.A.** [BE/BE]; Parc Scientifique du Sart-Tilman, rue des Chasseurs Ardennais, B-4031 Angleur (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PREUMONT, André** [BE/BE]; Rue du Centre, 6, B-1450 Chastre (BE).
- (74) **VAN MALDEREN, Michel et al.** / etc.; Office Van Malderen, Bld. de La Sauvenière 85/043, B-4000 Liege (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 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 CH CY DE DK ES FI FR GB GR IE IT 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 **H01L 43/00**
(11) **WO 02/078100** (13) A1
(21) PCT/US02/09429
(22) **25 Mar/mar 2002 (25.03.2002)**
(25) en (26) en
(30) 60/278,323 **23 Mar/mar 2001 US (23.03.2001)**

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • A TRANSPINNOR-BASED SWITCH AND APPLICATIONS
• COMMUTATEUR A DISPOSITIF A SEMI-CONDUCTEUR ENTIEREMENT METALLIQUE ET APPLICATIONS DE CE DERNIER
- (71) **INTEGRATED MAGNETOELECTRONICS CORPORATION** [US/US]; 1214 Oxford Street, Berkeley, CA 94709-1432 (US).
- (72) **TOROK, E., James**; 860 County Road I W., Shoreview, MN 55126 (US).
SPITZER, Richard; 1214 Oxford Street, Berkeley, CA 94709-1432 (US).
- (74) **VILLENEUVE, Joseph, M.**; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 **H01L 51/20, 21/56**
(11) **WO 02/078101** (13) A1
(21) PCT/GB02/01372
(22) **21 Mar/mar 2002 (21.03.2002)**
(25) en (26) en
(30) 0107236.2 **22 Mar/mar 2001 GB (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD OF CREATING AN ELECTROLUMINESCENT DEVICE
• PROCEDE DE CREATION D'UN DISPOSITIF ELECTROLUMINESCENT
- (71) **MICROEMISSIVE DISPLAYS LIMITED** [GB/GB]; Scottish Microelectronics Centre, The King's Buildings, West Mains Road, Edinburgh EH9 3JF (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GOURLAY, James** [GB/GB]; 1 (2F2) Viewforth Square, Edinburgh EH10 4LP (GB).
- (74) **HANSON, William, Bennett**; JY & GW Johnson, Kingsbourne House, 229-231 High Holborn, London WC1V 7DP (GB).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : JP EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

- (51)⁷ **H01L 51/20**
(11) **WO 02/078102** (13) A2
(21) PCT/US02/08452

- (22) **17 Mar/mar 2002 (17.03.2002)**
(25) en (26) en
(30) 09/815,844 **21 Mar/mar 2001 US (21.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • FABRICATING A MOLECULAR ELECTRONIC DEVICE HAVING A PROTECTIVE BARRIER LAYER
• FABRICATION D'UN DISPOSITIF ELECTRONIQUE MOLECULAIRE POURVU D'UNE COUCHE D'ARRET PROTECTRICE
- (71) **HEWLETT-PACKARD COMPANY** [US/US]; Legal Department, 3000 Hanover Street, M/S 20BN, Palo Alto, CA 94304-1112 (US).
- (72) **CHEN, Yong**; 4275 McKeller Lane, #2, Palo Alto, CA 94306 (US).
- (74) **SCHUYLER P., Marc**; Hewlett-Packard Company, IPA, P.O. Box 272400, M/S 35, Fort Collins, CO 80527-2400 (US).
- (81) 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 **H01M**
(11) **WO 02/078103** (13) A2
(21) PCT/US02/06952
(22) **6 Mar/mar 2002 (06.03.2002)**
(25) en (26) en
(30) 09/808,762 **15 Mar/mar 2001 US (15.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CONTROL OF MULTIPLE FUEL CELL POWER PLANTS AT A SITE TO PROVIDE A DISTRIBUTED RESOURCE IN A UTILITY GRID
• CONTROLE DE CENTRALES A PILES A COMBUSTIBLE MULTIPLES AU NIVEAU D'UN SITE DESTINE A FOURNIR UNE RESSOURCE DISTRIBUEE DANS UN RESEAU DE DISTRIBUTION

- (71) **INTERNATIONAL FUEL CELLS, LLC** [US/US]; 195 Governor's Highway, South Windsor, CT 06074 (US).
- (72) **ROSS, Ricky, M.**; 12-2 Arthur Drive, South Windsor, CT 06074 (US).
FRAGOLA, Francis, A., Jr.; 12 Doherty Drive, Wallingford, CT 06492 (US).
HEALY, Herbert, C.; 128 Fieldstone Drive, Windsor, CT 06095 (US).
YOUNG, Douglas, Gibbons; 178 Dusky Lane, Suffield, CT 06078 (US).
- (74) **CRENSHAW, Henry, T., Jr.**; Intellectual Property Attorney, UTC Fuel Cells, LLC, 195 Governor's Highway, MS 601-03, South Windsor, CT 06074 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ H01M

(11) WO 02/078104 (13) A2

(21) PCT/US02/07129

(22) 6 Mar/mar 2002 (06.03.2002)

(25) en (26) en

(30) 09/817,336 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR
COLD TEMPERATURE OPERATION
OF FUEL CELLS UTILIZING HY-
DRIDES HAVING DIFFERENT HEAT
CAPACITIES

• PROCEDE ET APPAREIL POUR LE
FONCTIONNEMENT A BASSE TEM-
PERATURE DE PILES A COMBUS-
TIBLE METTANT EN OEUVRE DES
HYBRIDES AYANT DES CAPACITES
THERMIQUES DIFFERENTES

(71) MOTOROLA, INC. [US/US]; 1303 East
Algonquin Road, Schaumburg, IL 60196
(US).(72) KELLEY, Ronald, J.; 8305 N.W. 36th
Street, Coral Springs, FL 33065 (US).
PRATT, Steven, D.; 9718 N.W. 7th Cir-
cle - Apt 9-23, Plantation, FL 33324 (US).
MUTHUSWAMY, Sivakumar; 9648 N.W.
7th Circle - Apt. 19-37, Plantation, FL 33324
(US). PENNISI, Robert, W.; 498 N.E. 7th
Street, Boca Raton, FL 33432 (US).(74) DULANEY, Randi, L. et al. / etc.; Room
1610, 8000 West Sunrise Blvd., Fort Laud-
erdale, 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 VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).(51)⁷ H01M 4/58

(11) WO 02/078105 (13) A1

(21) PCT/JP01/09756

(22) 7 Nov/nov 2001 (07.11.2001)

(25) ja (26) ja

(30) 2001-83610 22 Mar/mar 2001 JP
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • POSITIVE-ELECTRODE ACTIVE MA-
TERIAL AND NONAQUEOUS-ELEC-
TROLYTE SECONDARY BATTERY
CONTAINING THE SAME

• MATERIAU ACTIF A ELECTRODE POS-
ITIVE ET ACCUMULATEUR A ELEC-
TROLYTE NON-AQUEUX CONTE-
NANT CE MATERIAU

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006,

Oaza-Kadoma, Kadoma-shi, Osaka 571-8501
(JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) OHZUKU, Tsutomu [JP/JP]; 221-12,
Nagao, Taimacho, Kitakatsuragi-gun, Nara
639-2164 (JP). YOSHIZAWA, Hiroshi
[JP/JP]; 22-5-506, Fujisakakitamachi,
Hirakata-shi, Osaka 573-0151 (JP). NA-
GAYAMA, Masatoshi [JP/JP]; 3-27, Ika-
ganishimachi, Hirakata-shi, Osaka 573-0066
(JP).(74) ISHII, Kazuo et al. / etc.; Kitahama-Ya-
mamoto Building, 3-6, Kitahama 2-chome,
Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(81) 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 H01M 4/58, 4/02

(11) WO 02/078106 (13) A1

(21) PCT/US02/06528

(22) 1 Mar/mar 2002 (01.03.2002)

(25) en (26) en

(30) 09/817,986 27 Mar/mar 2001 US
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • GERMANIUM NITRIDE ELECTRODE
MATERIAL FOR HIGH CAPACITY
RECHARGEABLE LITHIUM BAT-
TERY CELL

• MATERIAU D'ELECTRODE AU NI-
TURE DE GERMANIUM POUR DES
ELEMENTS DE BATTERIE AU LI-
THIUM RECHARGEABLE ET DE
CAPACITE ELEVEE

(71) TELCORDIA TECHNOLOGIES, INC.
[US/US]; 445 South Street, Morristown,
NJ 07960 (US). RUTGERS UNIVER-
SITY [US/US]; 3 Rutgers Plaza ASB3, New
Brunswick, NJ 08901 (US).(72) AMATUCCI, Glenn, G.; 27 Holland Av-
enue, Peapack, NJ 07977 (US). PEREIRA,
Nathalie; Apt. 3S, 617 9th Avenue, New
York, NY 10036 (US).(74) HEY, David, A. et al. / etc.; Telcordia Tech-
nologies, Inc., 445 South Street 1G112R,
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 CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).(51)⁷ H01M 8/00

(11) WO 02/078107 (13) A2

(21) PCT/DE02/01060

(22) 22 Mar/mar 2002 (22.03.2002)

(25) de (26) de

(30) 01107354.1 24 Mar/mar 2001 EP
(24.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • END-PLATE ASSEMBLY OF AN ELEC-
TROCHEMICAL CELL WITH A POLY-
MER ELECTROLYTE MEMBRANE
CONSTRUCTION

• ENSEMBLE PLAQUE TERMINALE
D'UNE CELLULE ELECTROCHI-
MIQUE DU TYPE A MEMBRANE
ELECTROLYTE POLYMERE

(71, 72) HÖLLER, Stefan [DE/DE]; Fischer-
grube 40, 23552 Lübeck (DE). KÜTER,
Uwe [DE/DE]; Dorotheenstrasse 40, 23564
Lübeck (DE).(74) WILCKEN, Thomas et al. / etc.; Bei der
Lohmühle 23, 23554 Lübeck (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).(51)⁷ H01M 8/02, 8/24

(11) WO 02/078108 (13) A1

(21) PCT/JP02/02869

(22) 25 Mar/mar 2002 (25.03.2002)

(25) ja (26) ja

(30) 2001-86987 26 Mar/mar 2001 JP
(26.03.2001)(30) 2001-106731 5 Apr/avr 2001 JP
(05.04.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HIGH-POLYMER ELECTROLYTE
FUEL CELL

• PILE A COMBUSTIBLE A ELECTRO-
LYTE HAUT POLYMERE

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006,
Oaza-Kadoma, Kadoma-shi, Osaka 571-8501
(JP).

(for all designated States except / pour tous
les États désignés sauf US)

(71) SUGOU, Masayo [JP/JP]; Seizan-so,
1-53-14, Izumi, Suginami-ku, Tokyo
168-0063 (JP).

(only for / seulement pour US)

(72) YAMAZAKI, Tatsuto (deceased / décédé).

(72, 75) HASE, Nobuhiro [JP/JP]; Room 545,
Shofu-ryo, 3-14, Miyukihigashimachi, Neya-
gawa-shi, Osaka 572-0055 (JP). KUSAK-
ABE, Hiroki [JP/JP]; 1-20-5, Harumidai,
Sakai-shi, Osaka 590-0113 (JP). OHARA,
Hideo [JP/JP]; 7-67-4, Hoshida, Katano-shi,
Osaka 576-0016 (JP). TAKEGUCHI, Shin-
suke [JP/JP]; Room 226, Showa-ryo, 16-1,
Miyamaecho, Kadoma-shi, Osaka 571-0074
(JP). YAMAMOTO, Yoshiaki [JP/JP];
6-4-19, Fujigao, Katano-shi, Osaka 576-0022
(JP).(74) ISHII, Kazuo et al. / etc.; Kitahama-Ya-
mamoto Building, 3-6, Kitahama 2-chome,
Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(81) 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).

Published / Publiée : (b)

(51)⁷ H01M 8/06, F02C 6/00

(11) WO 02/078109 (13) A1

(21) PCT/US02/08313

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 09/813,714 21 Mar/mar 2001 US
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FOSSIL FUEL COMBINED CYCLE
POWER SYSTEM

• SYSTÈME DE PRODUCTION D'ÉNER-
GIE À CYCLE COMBINÉ POUR COM-
BUSTIBLES FOSSILES

(71) UT-BATTELLE, LLC [US/US]; 111 B
Union Valley Road, P.O. Box 2008, Oak
Ridge, TN 37831-6498 (US).

(72) LABINOV, Solomon, D.; 911 Ashbrooke
Way, Apt. 627, Knoxville, TN 37923 (US).
ARMSTRONG, Timothy, R.; 150 Quail
Hollow Lane, Clinton, TN 37716 (US). JUD-
KINS, Roddie, R.; 1626 Rising View Lane,
Knoxville, TN 37922 (US).

(74) NELSON, Gregory, A. et al. / etc.; Akerman,
Senterfitt & Eidson, PA, 222 Lakeview
Avenue - Suite 400, P.O. Box 3188, West Palm
Beach, FL 33402-3188 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 H01M 8/10, H01B 1/12, C08J 5/22, B01D
71/00, C08G 83/00

(11) WO 02/078110 (13) A2

(21) PCT/US02/10004

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/278,979 27 Mar/mar 2001 US
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPROVED PROTON CONDUCTING
MEMBRANE FOR FUEL CELLS

• MEMBRANE CONDUCTRICE DE
PROTONS AMELIOREE POUR PILES
A COMBUSTIBLE

(71) UNIVERSITY OF CHICAGO [US/US];
5801 South Ellis Avenue, Chicago, IL 60637
(US).

(72) COLOMBO, Daniel; 2755 Windsor
Drive, Apt. 203, Lisle, IL 60532 (US).
KRUMPELT, Michael; 12S019 Book Road,

Naperville, IL 60564 (US). MYERS, Debo-
rah; 2784 Sun Valley Road, Lisle, IL 60532
(US). KOPASZ, John; 569 Cumberland
Lane, Bolingbrook, IL 60440 (US).

(74) KASSEL, Mark; Foley & Lardner, 150 East
Gilman Street, P.O. Box 1497, Madison, WI
53701-1497 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ H01M 8/24

(11) WO 02/078111 (13) A2

(21) PCT/CA02/00415

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/278,678 27 Mar/mar 2001 US
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SOFC STACK WITH THERMAL COM-
PRESSION

• EMPILEMENT DE SOFC COMPRES-
SANT UN ELEMENT DE COMPRES-
SION THERMIQUE

(71) GLOBAL THERMOELECTRIC INC.
[CA/CA]; 4908 - 52 Street S.E., Calgary,
Alberta T2B 3R2 (CA).

(72) PREDIGER, Dennis; 4908 - 52 Street S.E.,
Calgary, Alberta T2B 3R2 (CA). PERRY,
Martin; 4908 - 52 Street S.E., Calgary, Al-
berta T2B 3R2 (CA). SHERMAN, Scott;
4908 - 52 Street S.E., Calgary, Alberta T2B
3R2 (CA).

(74) BENNETT JONES LLP; 1000 ATCO Cen-
tre, 10035 - 105 Street, Edmonton, Alberta
T5J 3T2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ H01M 8/24, 8/04, C25B 15/00

(11) WO 02/078112 (13) A2

(21) PCT/EP02/02468

(22) 6 Mar/mar 2002 (06.03.2002)

(25) en (26) en

(30) MI2001A000458 6 Mar/mar 2001 IT
(06.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF SHORT-CIRCUITING A
MALFUNCTIONING ELEMENTARY
ELECTROCHEMICAL CELL OF A FIL-
TER-PRESS STRUCTURE

• PROCEDE DE COURT-CIRCUITAGE
D'UNE CELLULE ELECTROCHI-
MIQUE ELEMENTAIRE DEFEC-
TUEUSE D'UNE STRUCTURE DE
FILTRE-PRESSE

(71) NUVERA FUEL CELLS EUROPE 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) FACCI, Daniele [IT/IT]; Via S. Anna,
17, I-25038 Rovato (IT). TORO, Antonio
[IT/IT]; Via Marazzani, 12, I-20132 Milan
(IT). BINELLI, Paolo [IT/IT]; Via Dei Tuli-
pani 13, I-20146 Milan (IT).

(74) KINZEBACH, Werner et al. / etc.; Reisttöt-
ter, 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ H01M 10/40, 4/02, 4/58, 4/40

(11) WO 02/078113 (13) A1

(21) PCT/JP02/02586

(22) 19 Mar/mar 2002 (19.03.2002)

(25) ja (26) ja

(30) 2001-78609 19 Mar/mar 2001 JP
(19.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BATTERY
• BATTERIE

(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) SHIBAMOTO, Gorou [JP/JP]; c/o Sony
Corporation, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001 (JP). FU-
JITA, Shigeru [JP/JP]; c/o Sony Corpora-
tion, 7-35, Kitashinagawa 6-chome, Shina-
gawa-ku, Tokyo 141-0001 (JP). ADACHI,
Momoe [JP/JP]; c/o Sony Corporation, 7-35,
Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001 (JP). AKASHI, Hiroyuki
[JP/JP]; c/o Sony Corporation, 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
141-0001 (JP).

(74) FUJISHIMA, Youichiro; 2F, Oodai Build-
ing, 9-5, Shinjuku 1-chome, Shinjuku-ku,
Tokyo 160-0022 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

- (51)⁷ H01M 10/40, 4/02, 4/04, 4/58
 (11) WO 02/078114 (13) A1
 (21) PCT/JP02/02872
 (22) 25 Mar/mar 2002 (25.03.2002)
 (25) ja (26) ja
 (30) 2001-90865 27 Mar/mar 2001 JP
 (27.03.2001)
 (30) 2001-122095 20 Apr/avr 2001 JP
 (20.04.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • LITHIUM POLYMER SECONDARY BATTERY AND PRODUCTION METHOD THEREFOR
 • BATTERIE LITHIUM POLYMER ET PROCEDE DE PRODUCTION CORRESPONDANT
 (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaiko-cho, Abeno-ku, Osaka-shi, Osaka 545-0013 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) NISHIJIMA, Motoaki [JP/JP]; 2-2-5, Katsuragidai, Kanmakicho, Kitakat-suragi-gun, Nara 639-0215 (JP). TORATA, Naoto [JP/JP]; 90-1-203, Nishiikejiri-cho, Kashihara-shi, Nara 634-0821 (JP). NISHIMURA, Naoto [JP/JP]; 343-3, Okubocho, Kashihara-shi, Nara 634-0061 (JP). MITATE, Takehito [JP/JP]; 65-4, Noguchi, Yamatotakada-shi, Nara 635-0075 (JP).
 (74) NOGAWA, Shintaro; MINAMIMORI-MACHI PARK BLDG., 1-3, Nishitenma 5-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).
 (81) CN IN 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 H01M 14/00, H01L 31/04
 (11) WO 02/078115 (13) A1
 (21) PCT/JP02/02727
 (22) 20 Mar/mar 2002 (20.03.2002)
 (25) ja (26) ja
 (30) 2001-88647 26 Mar/mar 2001 JP
 (26.03.2001)
 (30) 2001-88648 26 Mar/mar 2001 JP
 (26.03.2001)
 (30) 2001-88649 26 Mar/mar 2001 JP
 (26.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • DYE-SENSITIZED SOLAR CELL
 • PILE SOLAIRE SENSIBILISEE PAR UN COLORANT
 (71) SHARP CORPORATION [JP/JP]; 22-22, Nagaikocho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP). DAI-ICHI KOGYO SEIYAKU CO., LTD. [JP/JP]; 55, Nishishichijo Higashikubocho, Shimogyo-ku, Kyoto-shi, Kyoto 600-8873 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) KOMIYA, Ryoichi [JP/JP]; 150-2, Matsui, Utanocho, Uda-gun, Nara 633-2221 (JP). HAN, Liyuan [CN/JP]; 1-10-38, Umami-minami, Koryocho, Kitakatsuragi-gun, Nara 635-0833 (JP). YAMANAKA, Ryohsuke [JP/JP]; 91-300, Sugawacho, Gojo-shi, Nara 637-0014 (JP). ISHIKO, Eriko [JP/JP]; 206, Gray Palace Lock I, 90-2, Tokudaiji-cho, Katsura, Nishikyo-ku, Kyoto-shi, Kyoto 615-8018 (JP). KONO, Michiyuki [JP/JP]; 14-1, Korihondoricho, Neyagawa-shi, Osaka 572-0082 (JP).
 (74) TSUTADA, Akiko et al. / etc.; 9th Floor, Nissei Bingomachi Bldg., 7-10, Bingomachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (JP).
 (81) AU 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 H01P 1/20
 (11) WO 02/078116 (13) A1
 (21) PCT/US02/04307
 (22) 13 Feb/fév 2002 (13.02.2002)
 (25) en (26) en
 (30) 09/818,100 26 Mar/mar 2001 US
 (26.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • A FILTER NETWORK COMBINING NON-SUPERCONDUCTING AND SUPERCONDUCTING FILTERS
 • RESEAU DE FILTRES COMBINANT DES FILTRES SUPRACONDUCTEURS ET NON SUPRACONDUCTEURS
 (71) SUPERCONDUCTOR TECHNOLOGIES, INC. [US/US]; 460 Ward Drive, Suite F, Santa Barbara, CA 93111-2310 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) HEY-SHIPTON, Gregory, L. [US/US]; 959 Via Esparto, Santa Barbara, CA 93110 (US).
 (74) MURPHY, David, B. et al. / etc.; Lyon & Lyon LLP, 633 West Fifth Street, Suite 4700, Los Angeles, CA 90071-2066 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H01P 1/203
 (11) WO 02/078117 (13) A1
 (21) PCT/US02/06010
 (22) 27 Feb/fév 2002 (27.02.2002)
 (25) en (26) en
 (30) 09/814,271 21 Mar/mar 2001 US
 (21.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • DEVICE APPROXIMATING A SHUNT CAPACITOR FOR STRIP-LINE-TYPE CIRCUITS
 • DISPOSITIF FONCTIONNANT APPROXIMATIVEMENT COMME UN CONDENSATEUR DE SHUNT POUR DES CIRCUITS EN TECHNOLOGIE STRIPLINE
 (71) CONDUCTUS, INC. [US/US]; 969 West Maude Avenue, Sunnyvale, CA 94086 (US).
 (72) YE, Shen; 10164 Mann Drive, Cupertino, CA 95014 (US).
 (74) BRUESS, Steven, C. et al. / etc.; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H01P 1/207
 (11) WO 02/078118 (13) A1
 (21) PCT/US02/07850
 (22) 14 Mar/mar 2002 (14.03.2002)
 (25) en (26) en
 (30) 60/278,962 27 Mar/mar 2001 US
 (27.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • TUNABLE RF DEVICES WITH METALLIZED NON-METALLIC BODIES
 • DISPOSITIFS RF ACCORDABLES POURVUS DE CORPS NON-METALLIQUES METALLISES
 (71) PARATEK MICROWAVE, INC. [US/US]; 6935-N Oakland Mills Road, Columbia, MD 21045 (US).
 (72) SHAMSAIFAR, Khosro; 2825 Dana Court, Ellicott City, MD 21042 (US). PARTRIDGE, Aiden; 6100 Little Foxes Run, Columbia, MD 21045 (US). DAVIS, Edward; 505 Goucher Boulevard, Towson, MD 21286 (US). ROBINSON, John; 5700 Duffer Drive, Mount Airy, MD 21771 (US).
 (74) TUCKER, William, J.; 8650 Southwestern Blvd. #2825, Dallas, TX 75206 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ

BA BB BG BR BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH 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)
(f) for all designations / pour toutes les
designations

(51)⁷ H01P 1/208, 5/107, 5/08, 1/213
(11) WO 02/078119 (13) A1
(21) PCT/JP02/02556
(22) 18 Mar/mar 2002 (18.03.2002)
(25) ja (26) ja
(30) 2001-077788 19 Mar/mar 2001 JP
(19.03.2001)
(30) 2001-283009 18 Sep/sep 2001 JP
(18.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • DIELECTRIC FILTER AND BRANCH-
ING FILTER
• FILTRE DIELECTRIQUE ET FILTRE
DE DERIVATION

(71) UBE INDUSTRIES, LTD. [JP/JP];
1978-96, O-Aza Kogushi, Ube-shi, Yamaguchi
755-8633 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) OYAMA, Ryuji [JP/JP]; c/o Ube In-
dustries, Ltd., Ube Research Laboratory,
1978-5, O-Aza Kogushi, Ube-shi, Yamaguchi
755-8633 (JP). KAWAMURA, Kouichi
[JP/JP]; c/o Ube Industries, Ltd., Ube Re-
search Laboratory, 1978-5, O-Aza Kogushi,
Ube-shi, Yamaguchi 755-8633 (JP).

(74) YAMASHITA, Johei; YAMASHITA &
ASSOCIATES, Toranomom 40th Mori 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 H01P 1/387, H05K 1/00
(11) WO 02/078120 (13) A1
(21) PCT/SE02/00206
(22) 7 Feb/fév 2002 (07.02.2002)
(25) en (26) en
(30) 0101042-0 23 Mar/mar 2001 SE
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • CIRCULATOR AND NETWORK

• CIRCULATEUR ET RESEAU
(71) TELEFONAKTIEBOLAGET LM ERIC-
SSON (publ) [SE/SE]; S-126 25 Stockholm
(SE).

(72) EMANUELSSON, Thomas; Lilla Dalavä-
gen 9, S-426 68 V Frölunda (SE).

(74) ERICSSON MICROWAVE SYSTEMS
AB; Patent Unit West, S-431 84 Mölndal
(SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ H01Q
(11) WO 02/078121 (13) A2

(21) PCT/US02/08698
(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en
(30) 09/815,928 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LOOP ANTENNA WITH RADIATION
AND REFERENCE LOOPS
• ANTENNE CADRE CONSTITUEE
D'UN CADRE RAYONNANT ET D'UN
CADRE DE REFERENCE

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(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ H01Q 1/00
(11) WO 02/078122 (13) A1

(21) PCT/US02/09408
(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en
(30) 09/818,128 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELECTRICALLY CONDUCTIVE PAT-
TERNS, ANTENNAS AND METHODS
OF MANUFACTURE

• IMPRESSIONS CONDUCTRICES, AN-
TENNES ET LEURS PROCEDES DE
FABRICATION

(71, 72) LUCH, Daniel [US/US]; 17161 Copper
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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)
Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ H01Q 1/24
(11) WO 02/078123 (13) A1

(21) PCT/SE02/00532
(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en
(30) 0101067-7 23 Mar/mar 2001 SE
(23.03.2001)

(30) 60/286,412 25 Apr/avr 2001 US
(25.04.2001)

(30) 0102183-1 20 Jun/juin 2001 SE
(20.06.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A BUILT-IN, MULTI BAND, MULTI
ANTENNA SYSTEM

• SYSTEME MULTI-BANDE, MULTI-
ANTENNE INTEGRE

(71) TELEFONAKTIEBOLAGET L M ERIC-
SSON (publ) [SE/SE]; S-126 25 Stockholm
(SE).

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(72, 75) BOLIN, Thomas [SE/SE]; Drätsel-
gränd 7, S-226 47 Lund (SE). YING, Zhi-
nong [CN/CN]; Skyttelinjen 50, S-226 49
Lund (SE). ANDERSSON, Johan [SE/SE];
Hillerödsvägen 12 D, S-217 47 Malmö (SE).
DA SILVA FRAZAO, André [SE/SE];
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(74) STRÖM, Tore et al. / etc.; Ström & Gulliks-
son IPC AB, P.O. Box 4188, S-203 13 Malmö
(SE).

(81) AE AG AL AM AT AT (Utility model /
modèle d'utilité) AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ CZ (Utility
model / modèle d'utilité) DE DE (Utility

model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q 9/04, 1/24, 1/38, 5/00, 19/00

(11) WO 02/078124 (13) A1

(21) PCT/EP02/02972

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(30) 0107239.6 22 Mar/mar 2001 GB (22.03.2001)

(30) 60/278,751 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MOBILE COMMUNICATION DEVICE
• DISPOSITIF DE COMMUNICATION MOBILE

(71) TELEFONAKTIEBOLAGET L M ERICSSON (publ) [SE/SE]; SE-126 25 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YING, Zhinong [CN/SE]; Skyttelinjen 50, S-226 49 Lund (SE). HAKANSSON, Kenneth [SE/SE]; Börringegatan 1B, SE-217 72 Malmö (SE).

(74) O'CONNELL, David, Christopher; Haseltine Lake & Co., Imperial House, 15-19 Kingsway, London (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q 13/20

(11) WO 02/078125 (13) A1

(21) PCT/KR02/00468

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ko (26) en

(30) 2001/14477 21 Mar/mar 2001 KR (21.03.2001)

(30) 2001/49929 20 Aug/août 2001 KR (20.08.2001)

(30) 2002/13581 13 Mar/mar 2002 KR (13.03.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • WAVEGUIDE SLOT ANTENNA AND MANUFACTURING METHOD THEREOF

• ANTENNE À FENTES EN GUIDE D'ONDES ET PROCÉDÉ DE FABRICATION

(71) MICROFACE CO. LTD. [KR/KR]; 108-12, Mukhyeonri, Hwado-cup, Namyangju-si, Gyeonggi-do 472-846 (KR).

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(72, 75) JEONG, Kyeong, Hwan [KR/KR]; 105-903, Daclim Apt., 448-1, Maseokuri, Hwado-cup, Namyangju-si, Gyeonggi-do 472-845 (KR).

(74) HONG, Sung, Pyo et al. / etc.; #202, New Seoul Bldg., 828-8, Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AU BR CA CN ID IL IN JP LK MA MX NO NZ PH SE SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01R 3/00

(11) WO 02/078126 (13) A2

(21) PCT/EP02/03394

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) TO2001A000290 27 Mar/mar 2001 IT (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELECTRIC CONNECTOR
• CONNECTEUR ELECTRIQUE

(71) FCI [FR/FR]; 53, rue de Châteaudun, F-75009 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STELLA, Gianni [IT/IT]; Via Tofane, 9, I-10141 Torino (IT). PIZZARELLI, Rocco [IT/IT]; Corso Piemonte, 60/C, I-10036 Settimo torinese (IT). GIRARD, Fausto [IT/IT]; Via Padre Denza Francesco, 14, I-10152 Torino (IT).

(74) JORIO, Paolo et al. / etc.; c/o Studio Torta S.r.l., Via Viotti, 9, I-10121 Torino (IT).

(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 H01R 3/00

(11) WO 02/078127 (13) A2

(21) PCT/US02/08648

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 09/815,113 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • STITCHED LGA CONNECTOR
• CONNECTEUR DE BOITIER LGA

(71) MOLEX INCORPORATED [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US).

(72) LOPATA, John, E.; 325 Hemlock Lane, Naperville, IL 60540 (US). McGRATH, James, L.; 258 Wren Drive, Bloomingdale, IL 60108 (US). DUTTA, Arindum; 5805 Oakwood Drive #D, Lisle, IL 60532 (US).

MENZIN, Marvin; 26 Mason Street, Lexington, MA 02421 (US). FISHER, Daniel, Jr.; 9 Village View Road, Chelmsford, MA 01824 (US).

(74) PAULIUS, Thomas, D.; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01R 3/00

(11) WO 02/078128 (13) A2

(21) PCT/US02/09133

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 2001/89718 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LEVER TYPE ELECTRICAL CONNECTOR
• CONNECTEUR ELECTRIQUE DU TYPE LEVIER

(71) MOLEX INCORPORATED [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMAMOTO, Masahiro [JP/JP]; 198-1-204, Higashi-Kibohgaoka, Asahi-ku, Yokohama-shi, Kanagawa 241-0826 (JP). MAEZONO, Shinichi [JP/JP]; 3-37 Heim-Hiko #201, Higashi-Kashiwagaya, 4-chome, Ebini-shi, Kanagawa 243-0401 (JP).

(74) PAULIUS, Thomas, D.; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01R 11/12

(11) WO 02/078129 (13) A1

(21) PCT/US02/11302

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,082 22 Mar/mar 2001 US (22.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MULTI DIRECTIONAL SWIVELING OUTLET ADAPTOR
- ADAPTATEUR DE PRISE DE COURANT TOURNANT MULTIDIRECTIONNEL
- (71) AUFRICHTIG, Peter, D. [US/US]; 300 East 42nd Street, 5th Floor, New York, NY 10017 (US).
- (71, 72) LEE, Dominic [CN/CN]; Apartment 1C, Duke Garden, #2 Duke Street, Kowloon, Hong Kong (CN).
- (74) AUFRICHTIG, Peter, D.; Aufrichtig Stein & Aufrichtig, P.C., 300 East 42nd Street, 5th 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 CH CY DE DK ES FI FR GB GR IE IT 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 H01R 13/24

(11) WO 02/078130 (13) A1

(21) PCT/US02/08647

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 09/815,115 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF MAKING STITCHED LGA CONNECTOR

- PROCEDE DE FABRICATION DE CONNECTEUR DE BOITIER LGA COUSU

(71) MOLEX INCORPORATED [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US).

(72) LOPATA, John, E.; 325 Hemlock Lane, Naperville, IL 60540 (US). McGRATH, James, L.; 258 Wren Drive, Bloomingdale, IL 60108 (US). DUTTA, Arindum; 5805 Oakwood Drive #D, Lisle, IL 60532 (US). MENZIN, Marvin; 26 Mason Street, Lexington, MA 02421 (US). FISHER, Daniel, Jr.; 9 Village View Road, Chelmsford, MA 01824 (US).

(74) PAULIUS, Thomas, D.; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H01R 13/24, 12/32

(11) WO 02/078131 (13) A1

(21) PCT/US02/08779

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/818,797 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BOARD MOUNTED ELECTRICAL CONNECTOR ASSEMBLY

- ENSEMBLE CONNEXION MONTE SUR PLAQUETTE DE CIRCUIT IMPRIME

(71) MOLEX INCORPORATED [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US).

(72) ZADEREJ, Victor; 35W822 Park Lane, St. Charles, IL 60175 (US). REGNIER, Kent, E.; 541 S. Grace Street, Lombard, IL 60148 (US). DUNHAM, David, E.; 600 Meyer Court, Aurora, IL 60506 (US). ALBERTS, Kevin; 1110 Darius Lane, Naperville, IL 60565 (US). BREARLY, David, Jr.; 4060 Palmer Court, Naperville, IL 60564 (US).

(74) ZEITLER, Robert, J.; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H01R 13/40

(11) WO 02/078132 (13) A1

(21) PCT/DE02/00512

(22) 13 Feb/fév 2002 (13.02.2002)

(25) de (26) de

(30) 101 11 191.6 8 Mar/mar 2001 DE (08.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FLAT FLUORESCENT LIGHT COMPRISING A CONTACT SYSTEM

- PROJETEUR PLAT COMPORTANT UN SYSTEME DE CONTACT

(71) PATENT-TREU- HAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH [DE/DE]; Hellabrunner Str. 1, 81543 München (DE).

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(72, 75) LAUTER, Friedrich [DE/DE]; Waxensteinstr. 42c, 86163 Augsburg (DE). SCHWEIZER, Matthias [DE/DE]; Rochusweg 16, 86568 Hollenbach (DE).

(74) PATENT-TREU- HAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH; Postfach 22 16 34, 80506 München (DE).

(81) CA CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CA CN JP KR EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(t) for the following designations / pour les désignations suivantes : CA 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 H01R 13/52

(11) WO 02/078133 (13) A1

(21) PCT/DE02/01128

(22) 27 Mar/mar 2002 (27.03.2002)

(25) de (26) de

(30) 101 15 049.0 27 Mar/mar 2001 DE (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ADAPTER FOR ELECTRIC PLUG-IN CONNECTIONS ON FUEL-INJECTION VALVES

- ADAPTATEUR POUR CONNEXIONS ELECTRIQUES ENFICHABLES SITUÉES SUR DES SOUPAPES D'INJECTION DE CARBURANT

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUFT, Heinz [DE/DE]; Hofstrasse 16, 96114 Hirschaid (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 H01R 13/658, 4/64, H05K 9/00

(11) WO 02/078134 (13) A1

(21) PCT/EP02/03245

(22) 22 Mar/mar 2002 (22.03.2002)

(25) de (26) de

(30) 101 15 525.5 28 Mar/mar 2001 DE (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELECTRIC CONTACT ASSEMBLY

- ENSEMBLE DE CONTACT ELECTRIQUE

(71) RITTAL RES ELECTRONIC SYSTEMS GMBH & CO. KG [DE/DE]; Auf dem Stützelberg, 35745 Herborn (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHAFFER, Kurt-Michael [DE/DE]; Mausees 6, 90542 Eckental (DE). WALTZ, Eike [DE/DE]; 412 Lock Drive, Aptos, CA 95003 (US). KÖRBER, Werner [DE/DE]; Weidensees 36, 91282 Betzenstein (DE).

- (74) FLECK, Hermann-Josef; Klingengasse 2, 71665 Vaihingen/Enz (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H01S 3/00

(11) WO 02/078135 (13) A2

(21) PCT/CA02/00333

(22) 11 Mar/mar 2002 (11.03.2002)

(25) en (26) en

(30) 2,342,098 23 Mar/mar 2001 CA (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • OPTICAL FILTER DEVICE FOR TEMPERATURE DEPENDENCE CONTROL
- DISPOSITIF DE FILTRE OPTIQUE POUR COMMANDE DEPENDANT DE LA TEMPERATURE

(71) ITF TECHNOLOGIES OPTIQUE INC. ITF OPTICAL TECHNOLOGIES INC. [CA/CA]; 175 Montpellier Blvd., Montreal, Quebec H4N 3L2 (CA).
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(72, 75) GONTHIER, François [CA/CA]; 274 Trenton, Montreal, Quebec H3P 1Z7 (CA).
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(74) PRIMAK, George, J.; 13480 Huntington, Montreal, Quebec H8Z 1G2 (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).

(51)⁷ H01S 3/00

(11) WO 02/078136 (13) A2

(21) PCT/GB02/01426

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 0107650.4 27 Mar/mar 2001 GB (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • TUNEABLE LASER ASSEMBLY AND METHOD

- ENSEMBLE LASER ACCORDABLE ET PROCEDE ASSOCIE

(71) BOOKHAM TECHNOLOGY [GB/GB]; 90 Milton Park, Abingdon, Oxon OX14 4RY (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUTHIE, Peter, John [GB/GB]; 20 South View, Nether Heyford, Northampton NN7 3NH (GB).

(74) DOWNING, Michael, Philip et al. / etc.; Fry Heath & Spence, The Old College, 53 High Street, Horley, Surrey RH6 7BN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H01S 3/04

(11) WO 02/078137 (13) A1

(21) PCT/US02/09082

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 09/814,464 21 Mar/mar 2001 US (21.03.2001)

(30) 09/900,443 6 Jul/juil 2001 US (06.07.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • LASER APPARATUS WITH ACTIVE THERMAL TUNING OF EXTERNAL CAVITY

- APPAREIL LASER AVEC REGLAGE THERMIQUE ACTIF DE LA CAVITE EXTERNE

(71) NEW FOCUS, INC. [US/US]; 5215 Hellyer Avenue, Suite 100, San Jose, CA 95138 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TUGANOV, Alexander, V. [US/US]; 1575 Granger Way, Redwood City, CA 94061 (US).
RICE, Mark, S. [US/US]; 1514 Oyama Place, San Jose, CA 95131 (US).
MCDONALD, Mark, E. [US/US]; 410 La Barea Drive, Milpitas, CA 95035 (US).
JOHNSON, Brad, V. [US/US]; 612 Azevedo Court, Santa Clara, CA 95051 (US).
LIN, Paul, Chi-Hwa [US/US]; 1470 Lexington Drive, San Jose, CA 95117 (US).

(74) MALLIE, Michael, J.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H01S 3/067, G02B 6/00, 6/22, C03B 37/012

(11) WO 02/078138 (13) A1

(21) PCT/JP02/02733

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-81963 22 Mar/mar 2001 JP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • DOUBLE CLAD FIBER AND METHOD OF MANUFACTURING DOUBLE CLAD FIBER

- FIBRE A DOUBLE GAINAGE ET PROCEDE DE PRODUCTION D'UNE FIBRE A DOUBLE GAINAGE

(71) MITSUBISHI CABLE INDUSTRIES, LTD. [JP/JP]; 8, Nishinocho, Higashimukajima, Amagasaki-shi, Hyogo 660-0856 (JP).
NIPPON TELEGRAPH AND TELEPHONE CORPORATION [JP/JP]; 3-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8116 (JP).

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(72, 75) YAMAMOTO, Tetsuya [JP/JP]; C/O Itami Works of MITSUBISHI CABLE INDUSTRIES, LTD., 3, Ikejiri 4-chome, Itami-shi, Hyogo 664-0027 (JP).
NAKA, Norio [JP/JP]; C/O Itami Works of MITSUBISHI CABLE INDUSTRIES, LTD., 3, Ikejiri 4-chome, Itami-shi, Hyogo 664-0027 (JP).
YOSHIDA, Minoru [JP/JP]; C/O Itami Works of MITSUBISHI CABLE INDUSTRIES, LTD., 3, Ikejiri 4-chome, Itami-shi, Hyogo 664-0027 (JP).
FUJITA, Moriyuki [JP/JP]; C/O Itami Works of MITSUBISHI CABLE INDUSTRIES, LTD., 3, Ikejiri 4-chome, Itami-shi, Hyogo 664-0027 (JP).

- NAKAZAWA, Masataka [JP/JP]; C/O NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 3-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8116 (JP). KUBOTA, Hirokazu [JP/JP]; C/O NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 3-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8116 (JP). KAWANISHI, Satoki [JP/JP]; C/O NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 3-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8116 (JP).
- (74) MAEDA, Hiroshi et al. / etc.; Taihei Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).
- (81) CA US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ H01S 3/08, H01L 21/00
(11) WO 02/078139 (13) A1
(21) PCT/US02/09012
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 60/277,885 22 Mar/mar 2001 US (22.03.2001)
(30) 60/293,903 25 May/mai 2001 US (25.05.2001)
(30) 60/293,905 25 May/mai 2001 US (25.05.2001)
(30) 60/293,907 25 May/mai 2001 US (25.05.2001)
(30) 60/293,904 25 May/mai 2001 US (25.05.2001)
(30) 60/293,906 25 May/mai 2001 US (25.05.2001)
(30) 60/293,814 25 May/mai 2001 US (25.05.2001)
(30) 60/293,740 25 May/mai 2001 US (25.05.2001)
(30) 60/315,160 27 Aug/août 2001 US (27.08.2001)
(30) 60/344,941 21 Dec/déc 2001 US (21.12.2001)
(30) 60/344,972 21 Dec/déc 2001 US (21.12.2001)
(30) 60/356,895 14 Feb/fév 2002 US (14.02.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ION IMPLANTED GRATING
• RESEAU GRAVE A IMPLANTATION IONIQUE
- (71) INFINITE PHOTONICS, INC. [US/US]; 3259 Progress Drive, Suite B, Orlando, FL 32826 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BULLINGTON, Jeff, A. [US/US]; 12001 Lake Cypress Circle #307, Orlando, FL 32382 (US).
- (74) CARLSON, Brian, A.; Slater & Matsil, L.L.P., 17950 Preston Road, Suite 1000, Dallas, TX 75252 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H01S 3/13, 3/10
(11) WO 02/078140 (13) A1
(21) PCT/US02/08342
(22) 19 Mar/mar 2002 (19.03.2002)
(25) en (26) en
(30) 09/814,464 21 Mar/mar 2001 US (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ERROR SIGNAL GENERATION SYSTEM
• SYSTEME DE GENERATION DE SIGNAUX D'ERREUR
- (71) NEW FOCUS, INC. [US/US]; 5215 Hellyer Avenue, Suite 100, San Jose, CA 95138 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DAIBER, Andrew, John [US/US]; 512 Hawthorne Avenue, Palo Alto, CA 94301 (US).
- (74) HALL, Robert, C.; Bozicvic, Field & Francis, L.L.P., 200 Middlefield Road, Suite 200, Menlo Park, CA 94025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
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- (51)⁷ H01S 5/00
(11) WO 02/078142 (13) A1
(21) PCT/US02/09020
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 60/277,885 22 Mar/mar 2001 US (22.03.2001)
(30) 60/293,903 25 May/mai 2001 US (25.05.2001)
(30) 60/293,905 25 May/mai 2001 US (25.05.2001)
(30) 60/293,907 25 May/mai 2001 US (25.05.2001)
(30) 60/293,904 25 May/mai 2001 US (25.05.2001)
(30) 60/293,906 25 May/mai 2001 US (25.05.2001)
(30) 60/293,814 25 May/mai 2001 US (25.05.2001)
(30) 60/293,740 25 May/mai 2001 US (25.05.2001)
(30) 60/315,160 27 Aug/août 2001 US (27.08.2001)

- (30) 60/344,941 **21 Dec/déc 2001** US (21.12.2001)
- (30) 60/344,972 **21 Dec/déc 2001** US (21.12.2001)
- (30) 60/356,895 **14 Feb/fév 2002** US (14.02.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • LASER DIODE WITH OUTPUT FIBER FEEDBACK
• LASER A DIODE A RETROACTION A FIBRE DE SORTIE
- (71) INFINITE PHOTONICS, INC. [US/US]; 3259 Progress Drive, Suite B, Orlando, FL 32826 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) BULLINGTON, Jeff, A. [US/US]; 12001 Lake Cypress Circle #307, Orlando, FL 32828 (US). VAISSIE, Laurent [FR/US]; 1137 Covington Street, Oviedo, FL 32765 (US). JOHNSON, Eric, G. [US/US]; 1021 N. Division Street, Oviedo, FL 32765-6883 (US).
- (72, 75) STOLTZ, Richard, A. [US/US]; 3321 Swanson Drive, Plano, TX 75025 (US).
- (74) CARLSON, Brian, A.; Slater & Matsil, L.L.P., 17950 Preston Road, Suite 1000, Dallas, TX 75252 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ H01S 5/026
(11) WO 02/078143 (13) A1
(21) PCT/US02/09087
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) 60/277,885 **22 Mar/mar 2001** US (22.03.2001)
(30) 60/293,903 **25 May/mai 2001** US (25.05.2001)
(30) 60/293,905 **25 May/mai 2001** US (25.05.2001)
(30) 60/293,907 **25 May/mai 2001** US (25.05.2001)
(30) 60/293,904 **25 May/mai 2001** US (25.05.2001)
(30) 60/293,906 **25 May/mai 2001** US (25.05.2001)
(30) 60/293,814 **25 May/mai 2001** US (25.05.2001)
(30) 60/293,740 **25 May/mai 2001** US (25.05.2001)
- (30) 60/315,160 **27 Aug/août 2001** US (27.08.2001)
- (30) 60/344,941 **21 Dec/déc 2001** US (21.12.2001)
- (30) 60/344,972 **21 Dec/déc 2001** US (21.12.2001)
- (30) 60/356,895 **14 Feb/fév 2002** US (14.02.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • LASER-TO-FIBER COUPLING
• COUPLAGE LASER-FIBRE
- (71) INFINITE PHOTONICS, INC. [US/US]; 3259 Progress Drive, Suite B, Orlando, FL 32826 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) BULLINGTON, Jeff, A. [US/US]; 12001 Lake Cypress Circle #307, Orlando, FL 32828 (US).
- (72, 75) STOLTZ, Richard, A. [US/US]; 3321 Swanson Drive, Plano, TX 75025 (US).
- (74) CARLSON, Brian A.; Slater & Matsil, L.L.P., 17950 Preston Road, Suite 1000, Dallas, TX 75252 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ H01S 5/323, H01L 21/203
(11) WO 02/078144 (13) A1
(21) PCT/JP02/02739
(22) 22 Mar/mar 2002 (22.03.2002)
(25) ja (26) ja
(30) 2001-88935 **27 Mar/mar 2001** JP (27.03.2001)
(30) 2001-237560 **6 Aug/août 2001** JP (06.08.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SEMICONDUCTOR DEVICE AND METHOD OF CRYSTAL GROWTH
• DISPOSITIF SEMI-CONDUCTEUR ET PROCEDE DE TIRAGE DE CRISTAL
- (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) TAKAHASHI, Koji [JP/JP]; 2613-1-850, Ichinomoto-cho, Tenri-shi, Nara 632-0004 (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) JP US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ H02G 15/068, 15/184
(11) WO 02/078145 (13) A1
(21) PCT/IT02/00184
(22) 22 Mar/mar 2002 (22.03.2002)
(25) en (26) en
(30) AV2001A000004 **28 Mar/mar 2001** IT (28.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • INDUSTRIAL PRODUCTION METHOD FOR COLD-SHRINK JOINTS AND TERMINATIONS WITH MULTIPLE ELASTIC WALLS
• PROCEDE DE PRODUCTION INDUSTRIELLE DE JOINTS ET DE TERMINAISONS RETRECISSABLES A FROID A PAROIS SOUPLES MULTIPLES
- (71) ELCON S.R.L. [IT/IT]; Via Amoretta P.co S. Nicola 6/E, I-83100 Avellino (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72) INCOLLINGO, Amelio; Via Traversa Napoli 4, I-80078 Pozzuoli (IT).
- (81) AE AT BR CA CH CN CO CR DE DK EC ES FI GB HU ID IL IN IS JP KE KP KR LU MA MX NO PH PL PT RO RU SD SE TR ZA.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Declaration / Déclaration :
(s) for the following designations / pour les désignations suivantes : AE AT BR CA CH CN CO CR DE DK EC ES FI GB HU ID IL IN IS JP KE KP KR LU MA MX NO PH PL PT RO RU SD SE TR ZA 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 H02H 7/085
(11) WO 02/078146 (13) A1
(21) PCT/DK02/00207
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) PA 2001 00500 **27 Mar/mar 2001** DK (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MOTOR ACTUATOR WITH TORQUE CONTROL
• DISPOSITIF DE COMMANDE DE MOTEUR COMPRENANT UN CORRECTEUR DE COUPLE
- (71) DANFOSS A/S [DK/DK]; Nordborgvej 81, DK-6430 Nordborg (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JENSEN, Jens, Møller [DK/DK]; Grønningen 8, DK-6520 Toftlund (DK).
- (74) BUDDE, SCHOU & OSTENFELD A/S; Vester Sogade 10, DK-1601 København V (DK).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility

- model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H02J 3/24 // E02B 5/08
(11) WO 02/078147 (13) A1
(21) PCT/SE02/00419
(22) 8 Mar/mar 2002 (08.03.2002)
(25) sv (26) en
(30) 0101061-0 23 Mar/mar 2001 SE (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • POWER PLANT WITH MEANS FOR DAMPING POWER OSCILLATIONS
• CENTRALE ELECTRIQUE PRESENTANT DES MOYENS D'AMORTISSEMENT D'OSCILLATIONS DE PUISSANCE
(71) ABB AB [SE/SE]; S-721 83 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) KARLSSON, Daniel [SE/SE]; Vanås-gatan 5, S-216 20 Malmö (SE). AKKE, Magnus [SE/SE]; Briggatan 16, S-234 42 Lomma (SE).
(74) ABB GROUP SERVICES CENTER AB; Legal & Compliance/Intellectual Property, Gideonsbergsgatan 2, S-721 78 Västerås (SE).
(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H02J 7/14, B63J 3/00, G05F 1/67, B63H 21/17
(11) WO 02/078148 (13) A1
(21) PCT/SE02/00526
(22) 20 Mar/mar 2002 (20.03.2002)
(25) sv (26) en
(30) 0101011-5 23 Mar/mar 2001 SE (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
(54) • A DEVICE FOR CHARGING AT LEAST ONE ELECTRIC BATTERY ON BOARD A BOAT
• DISPOSITIF PERMETTANT DE CHARGER AU MOINS UNE BATTERIE ELECTRIQUE A BORD D'UN BATEAU
(71, 72) LARSSON, Stefan [SE/SE]; Sjömansgatan 17D, S-413 15 Göteborg (SE).
(74) OLSSON, Jan et al. / etc.; Bjerkéns Patentbyrå KB, Box 1274, S-801 37 Gävle (SE).
(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H02K 1/14, 7/14, 19/10
(11) WO 02/078149 (13) A1
(21) PCT/US02/09130
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 09/817,560 26 Mar/mar 2001 US (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • A FAN ASSEMBLY INCLUDING A SEGMENTED STATOR SWITCH RELUCTANCE FAN MOTOR
• ENSEMBLE VENTILATEUR EQUIPE D'UN MOTEUR A RELUCTANCE COMMUTE COMPORTANT UN STATOR SEGMENTE
(71) EMERSON ELECTRIC CO. [US/US]; 8000 West Florissant Ave., Saint Louis, MO 63136 (US).
(72) WILLIAMS, Donald, J.; 441 Main Street, Pierron, IL 62273 (US). RANDALL, Steven, P.; 40 St. Helen's Lane, Adel, Leeds, LS16 8BS (GB). WALLACE, Craig, E.; 705 Brown Road, Brighton, IL 62012 (US).
(74) BRENNAN, Michael, P. et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES
- FI FR GB GR IE 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 H02K 1/20, 1/32
(11) WO 02/078150 (13) A2
(21) PCT/DE02/01121
(22) 27 Mar/mar 2002 (27.03.2002)
(25) de (26) de
(30) 101 15 186.1 27 Mar/mar 2001 DE (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • COOLED PRIMARY OR SECONDARY PART OF AN ELECTRIC MOTOR
• PIECE PRIMAIRE OU SECONDAIRE REFROIDIE D'UN MOTEUR ELECTRIQUE
(71) REXROTH INDRAMAT GMBH [DE/DE]; Bgm.-Dr.-Nebel-Strasse 2, 97816 Lohr am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) GRÖNING, Ingolf [DE/DE]; Am Rechtenbach 5, 97816 Lohr am Main (DE). SCHELBERT, Thomas [DE/DE]; Hergottsberg 22, 97794 Rieneck (DE). HEIDER, Michael [DE/DE]; Rösistrasse 26, 97833 Frammersbach (DE). SCHNURR, Bernd [DE/DE]; Zur Kehlspitze 4, 97816 Lohr am Main (DE).
(74) THÜRER, Andreas; Rexroth Indramat GmbH, Bgm.-Dr.-Nebel-Strasse 2, 97816 Lohr am Main (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H02K 1/27, 21/14, 21/16, 19/10
(11) WO 02/078151 (13) A2
(21) PCT/EP02/02172
(22) 28 Feb/fév 2002 (28.02.2002)
(25) en (26) en
(30) TO01A000182 2 Mar/mar 2001 IT (02.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • A SYNCHRONOUS ELECTRIC MACHINE
• MACHINE ELECTRIQUE SYNCHRONNE
(71) C.R.F. SOCIETA' CONSORTILE PER AZIONI [IT/IT]; Strada Torino, 50, I-10043 Orbassano (IT). TREE S.A.S. DI GRUNETTI ROBERTA [IT/IT]; Via Le Chiuse, 9, I-10143 Torino (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRATTA, Antonino** [IT/IT]; Via Le Chiuse, 99, I-10144 Torino (IT).

(74) **QUINTERNO, Giuseppe** et al. / etc.; Jacobacci & Partners SpA, Corso Regio Parco, 27, I-10152 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ H02K 3/52, 1/14, H02P 6/18, 7/05

(11) WO 02/078152 (13) A1

(21) PCT/US02/09380

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/817,559 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SENSORLESS SWITCHED RELUCTANCE ELECTRIC MACHINE WITH SEGMENTED STATOR

• MACHINE TOURNANTE ELECTRIQUE A COMMUTATION DE RELUCTANCE ET A STATOR SEGMENTE

(71) **EMERSON ELECTRIC CO.** [US/US]; 8000 West Florissant Avenue, St. Louis, MO 63136 (US).

(72) **PEACHEE, C., Theodore**; 12818 Branchmont Court, St. Louis, MO 63146 (US). **WILLIAMS, Donald, J.**; 441 Main Street, Pierron, IL 62273 (US). **WAFER, James, A.**; 10 Bourbon Court, Belleville, IL 62226 (US). **PIRON, Marielle**; 9 Strawberry Dale Terrace, Harrogate, North Yorkshire HG1 5EQ (GB). **RANDALL, Steven, P.**; 40 St. Helen's Lane, Adel, Leeds, LS16 8BS (GB). **WALLACE, Richard, S.**; 616 Chartier Drive, Ferguson, MO 63135 (US). **MC-CLELLAND, Michael, L.**; 75 Thornhill St., Calverley, Leeds LS28 5PR (GB).

(74) **BRENNAN, Michael, P.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H02K 7/10, 37/00, 16/00, 23/26

(11) WO 02/078153 (13) A1

(21) PCT/US02/09099

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/277,913 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LOW PROFILE MOTOR WITH INTERNAL GEAR TRAIN

• MOTEUR A PROFIL BAS A TRAIN EPI-CYCLOIDAL INTERIEUR

(71) **TRI-TECH, INC.** [US/US]; 1500 Meriden Road, Waterbury, CT 06705 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PALMERO, Albert** [US/US]; 106 Mat-tabeseck Road, Middlefield, CT 06445 (US).

(74) **CROZIER, John, H.**; 1934 Huntington Turnpike, Trumbull, CT 06611-5116 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H02K 15/00

(11) WO 02/078154 (13) A1

(21) PCT/KR01/00479

(22) 24 Mar/mar 2001 (24.03.2001)

(25) ko (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MOVER ASSEMBLY OF RECIPROCATING MOTOR AND FABRICATION METHOD THEREOF

• ENSEMBLE D'ENTRAINEMENT D'UN MOTEUR ALTERNATIF ET PROCEDE DE FABRICATION CORRESPONDANT

(71) **LG ELECTRONICS INC.** [KR/KR]; 20, Yoido-Dong, Yongsungpo-Ku, Seoul 150-721 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KU, Bon-Cheol** [KR/KR]; Dong-Bu Apt. 106-1203, Nae-Dong, Kimhae, Gyung-sangnam-Do 621-751 (KR). **DO, Jin-Yeong** [KR/KR]; Luck Apt. 9-606, Banlim-Dong, Changwon, Gyung-sangnam-Do 647-764 (KR). **YOON, Hyung-Pyo** [KR/KR]; Gaenari Apt. 403-901, Daebang-Dong, Changwon, Gyung-sangnam-Do 641-756 (KR). **JEON, Si-Hang** [KR/KR]; Daedong Mansion 2-253, Nambumin 2-Dong, Seo-Gu, Busan 602-022 (KR). **JUNG, Won-Hyun**

[KR/KR]; Seongwon Apt. 106-404, Namyang-Dong, Changwon, Gyung-sangnam-Do 641-751 (KR).

(74) **PARK, Jang-Won**; Jewoo Building 5th floor, 200, Nonhyun-Dong, Kangnam-Ku, Seoul 135-010 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ 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 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 H02K 15/04, B25B 5/08

(11) WO 02/078155 (13) A1

(21) PCT/FR02/01033

(22) 25 Mar/mar 2002 (25.03.2002)

(25) fr (26) fr

(30) 01/04119 27 Mar/mar 2001 FR (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MOTORISED PLIERS FOR FLANGING WINDING BARS

• PINCE MOTORISÉE POUR PLIER DES BARRES D'ENROULEMENTS

(71) **VINCENT INDUSTRIE** [FR/FR]; 236, rue Général de Gaulle, F-69530 Brignais (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VINCENT, Robert** [FR/FR]; 74 Route du Cheret - La Pibérade, F-69126 Brindas (FR).

(74) **CABINET GERMAIN & MAUREAU**; 12 rue Boileau, F-69006 LYON (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H02K 17/30

(11) WO 02/078156 (13) A1

(21) PCT/US02/09151

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/279,149 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CASE RETAINED EXTERNAL CAPACITOR MOUNTED ON MOTOR SLEEVE

- CONDENSATEUR EXTERNE DANS SON BOITIER MONTE SUR LA CHEMISE D'UN MOTEUR
- (71) FASCO INDUSTRIES, INC. [US/US]; Sale Barn Road, P.O. Box 548, Cassville, MO 65625 (US).
- (72) DREHER, Lincoln, J.; 60 Eden Glen Road, Black Mountain, NC 28711 (US). PLATZ, John, A.; 1301 East Elm Street, Springfield, MO 65802 (US). LONG, Jeffrey, J.; 801 West Pebblebrook, Ozark, MO 65721 (US).
- (74) KUBORN, Joseph, D. et al. / etc.; Andrus, Seales, Starke & Sawall, LLP, Suite 1100, 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 CH CY DE DK ES FI FR GB GR IE 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 H02K 33/04

(11) WO 02/078157 (13) A1

(21) PCT/JP02/02943

(22) 27 Mar/mar 2002 (27.03.2002)

(25) ja (26) ja

(30) 2001-91318 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • LINEAR OSCILLATOR AND ELECTRICALLY DRIVEN TOOTHBRUSH
- OSCILLATEUR LINEAIRE ET BROUSSE A DENTS A COMMANDE ELECTRIQUE

(71) MATSUSHITA ELECTRIC WORKS, LTD. [JP/JP]; 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUNITA, Tomohiro [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). KITAMURA, Yoshihiro [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). YABUCHI, Hidekazu [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). INOUE, Hiroki [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). SUZUKI, Masayuki [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). IZUMI, Tomohiro [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). YAMADA, Tomio [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). HIRATA, Katsuhiko

[JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). ARIKAWA, Yasushi [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). ICHII, Yoshitaka [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H02M

(11) WO 02/078158 (13) A2

(21) PCT/US02/08871

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/815,141 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • ACTIVE FILTER FOR POWER DISTRIBUTION SYSTEM WITH SELECTABLE HARMONIC ELIMINATION
- FILTRE ACTIF POUR SYSTEME DE DISTRIBUTION D'ALIMENTATION AVEC ELIMINATION D'HARMONIQUES POUVANT ETRE SELECTIONNES

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) HUGGETT, Colin; 5202 Paseo Del Pavor, Torrance, CA 90505 (US). GABOR, Kalman; 29422 Whitley Collins Drive, Palos Verdes, CA 90275 (US).

(74) CRISS, Roger, H. et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H02M

(11) WO 02/078159 (13) A2

(21) PCT/US02/08906

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/277,839 22 Mar/mar 2001 US (22.03.2001)

(30) 60/343,941 26 Dec/déc 2001 US (26.12.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • POWER REGULATION SYSTEM, APPARATUS, AND METHOD FOR PROVIDING REGULATED POWER TO A MICROELECTRONIC DEVICE

- SYSTEME, APPAREIL ET PROCEDE DE REGULATION DE PUISSANCE DESTINE A FOURNIR UNE PUISSANCE REGULEE A UN DISPOSITIF MICRO-ELECTRONIQUE

(71) PRIMARION, INC. [US/US]; 2507 West Geneva Drive, Tempe, AZ 85282-3127 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) POHLMAN, William [US/US]; 1333 East Desert Willow Drive, Phoenix, AZ 85048 (US). CARROLL, Robert [US/US]; 3 Golden Oaks Lane, Andover, MA 01810 (US). SUSAK, David [US/US]; 3156 East Woodland Drive, Phoenix, AZ 85048 (US).

(74) PILLOTE, Cynthia, L.; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004-2202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H02M 3/156, H01H 47/32

(11) WO 02/078160 (13) A1

(21) PCT/IL02/00180

(22) 7 Mar/mar 2002 (07.03.2002)

(25) en (26) en

(30) 142238 25 Mar/mar 2001 IL (25.03.2001)

(30) 143884 20 Jun/juin 2001 IL (20.06.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND SYSTEM FOR DRIVING AN ELECTROMAGNETIC DEVICE

- PROCEDE ET SYSTEME DE COMMANDE D'UN DISPOSITIF ELECTROMAGNETIQUE

(71) S.M.M. PULSE SYSTEM LTD. [IL/IL]; 10 Hagdud Haevry Street, 78109 Ashkelon (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOSTOVOY, Alexander [IL/IL]; 2/3 Aseret H'ashvatim Street, 78680 Ashkelon (IL). SHLIAKHECKIY, Victor [IL/IL]; 3/48 Ben Atar Street, 78309 Ashkelon (IL).

(74) REINHOLD COHN AND PARTNERS; P.O. Box 4060, 61040 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02M 3/338, H02J 7/02

(11) WO 02/078161 (13) A1

(21) PCT/IB02/00848

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/815,692 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SWITCH-MODE POWER SUPPLY WITH AUTONOMOUS PRIMARY INVERTER

• ALIMENTATION A MODE DE COMMUTATION AVEC INVERSEUR PRIMAIRE AUTONOME

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) SABATE, Juan, A.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BRUNING, Gert, W.; 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ H02M 7/00

(11) WO 02/078162 (13) A2

(21) PCT/DE02/00820

(22) 7 Mar/mar 2002 (07.03.2002)

(25) de (26) de

(30) 101 13 856.3 21 Mar/mar 2001 DE (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • POWER CONVERTER ARRAY

• ENSEMBLE CONVERTISSEUR DE COURANT

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOCHTLER, Alfred [DE/DE]; Steigerwaldstr. 6, 96193 Wachenroth (DE). HOLWEG, Johann [DE/DE]; Siedlerstr. 24 a, 90513 Zirndorf (DE). SCHWEGMANN, Mario [DE/DE]; Alte Reutstr. 13, 90765 Fürth (DE). UDER, Markus [DE/DE]; Bodenfeld 8, 91466 Gerhardshofen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) BR CA CN IN NO 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 : BR CA CN IN NO 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 H02M 7/00

(11) WO 02/078163 (13) A2

(21) PCT/DE02/00841

(22) 8 Mar/mar 2002 (08.03.2002)

(25) de (26) de

(30) 101 14 717.1 26 Mar/mar 2001 DE (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICE FOR INTRODUCING ELECTRIC COMPONENTS INTO CONTINUOUS TAPES

• DISPOSITIF POUR INTRODUIRE DES COMPOSANTS ELECTRIQUES DANS UNE BANDE

(71, 72) SILLNER, Georg [DE/DE]; Buchenstrasse 23, 93197 Zeitlarn (DE).

(74) GRAF, Helmut et al. / etc.; Greflinger Strasse 7, 93055 Regensburg (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 CH CY DE DK ES FI FR GB GR IE IT 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 H02M 7/48, H02N 6/00, H02J 3/38, H02M 7/42, 3/158, H02J 7/35, G05F 1/67

(11) WO 02/078164 (13) A1

(21) PCT/AT02/00074

(22) 7 Mar/mar 2002 (07.03.2002)

(25) de (26) de

(30) A 382/2001 9 Mar/mar 2001 AT (09.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR REGULATING AN INVERTER SYSTEM

• PROCEDE SERVANT A REGLER UN SYSTEME D'INVERSEUR

(71) FRONIUS INTERNATIONAL GMBH [AT/AT]; Nr. 319, A 4643 Pettenbach (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ACHLEITNER, Günter [AT/AT]; Obere Zeile 2, A 4642 Sattledt (AT). PANHUBER, Christoph [AT/AT]; Mayrhansenstrasse 7/1/4, A-4060 Leonding (AT).

(74) SECKLEHNER, Günter; Rosenauerweg 268, A-4580 Windischgarsten (AT).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE

GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H02N 2/00

(11) WO 02/078165 (13) A1

(21) PCT/JP02/02903

(22) 26 Mar/mar 2002 (26.03.2002)

(25) ja (26) ja

(30) 2001-91112 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PIEZOELECTRIC ACTUATOR AND ITS DRIVE CIRCUIT

• ACTIONNEUR PIEZO-ELECTRIQUE ET SON CIRCUIT DE COMMANDE

(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).

(72) AKAHANE, Hidehiro; c/o Seiko Epsom Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). SAWADA, Akihiro; c/o Seiko Epsom Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). FURUHATA, Makoto; c/o Seiko Epsom Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) KAWASAKI, Kenji; Asahi Patent Office, 7th Fl., Toyo Bldg., 2-10, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP).

(81) CN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H02P 6/16

(11) WO 02/078166 (13) A1

(21) PCT/JP02/03014

(22) 27 Mar/mar 2002 (27.03.2002)

(25) ja (26) ja

(30) 2001-090899 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CONTROLLER FOR PERMANENT MAGNET MOTOR

• UNITE DE COMMANDE DE MOTEUR A AIMANT PERMANENT

(71) TOSHIBA ELEVATOR KABUSHIKI KAISHA [JP/JP]; 5-27, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AKIZUKI, Hiromitsu [JP/JP]; 304, Nobamaikyassuru-Tamagawa, 6-15, Nakanoshima 5-chome, Tama-ku, Kawasaki-shi, Kanagawa 214-0012 (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 US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H02P 6/18

(11) WO 02/078167 (13) A1

(21) PCT/JP02/02740

(22) 22 Mar/mar 2002 (22.03.2002)

(25) ja (26) ja

(30) 2001-087228 26 Mar/mar 2001 JP (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR ESTIMATING MAGNETIC POLAR POSITION OF SYNCHRONOUS MOTOR AND ITS CONTROLLER

• PROCEDE POUR ESTIMER LA POSITION POLAIRE MAGNETIQUE D'UN MOTEUR SYNCHRONE ET DE SON CONTROLEUR

(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) IDE, Kozo [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H02P 6/18

(11) WO 02/078168 (13) A1

(21) PCT/JP02/02856

(22) 25 Mar/mar 2002 (25.03.2002)

(25) ja (26) ja

(30) 2001-87359 26 Mar/mar 2001 JP (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF DETECTING MOTOR CURRENT AND MOTOR CONTROL DEVICE

• PROCEDE POUR DETECTER UN COURANT DE MOTEUR ET DISPOSITIF DE COMMANDE DE MOTEUR

(71) TOSHIBA CARRIER CORPORATION [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NUKUSHINA, Harunobu [JP/JP]; 1517-3, Tenma, Fuji-shi, Shizuoka 419-0205 (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H02P 9/30, 9/48, B60L 11/00

(11) WO 02/078169 (13) A1

(21) PCT/FR02/01085

(22) 28 Mar/mar 2002 (28.03.2002)

(25) fr (26) fr

(30) 01/04172 28 Mar/mar 2001 FR (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR DETERMINING THE DRIVE TORQUE OF AN ALTERNATOR
• PROCEDE DE DETERMINATION DU COUPLE D'ENTRAINEMENT D'UN ALTERNATEUR

(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) LANGRY, Philippe [FR/FR]; 7 rue de la Mare aux Carats, F-78180 Montigny Le Bretonneux (FR). BLONDEL, Olivier [FR/FR]; 16 Ter rue Aristide Briand, F-77170 Coubert (FR).

(74) LE GOFF, Géraldine; Renault Technocentre, Sec 0267 TCR AVA 026, 1 Avenue du Golf, F-78288 Guyancourt (FR).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51) H03C 5/00

(11) WO 02/078170 (13) A1

(21) PCT/US02/08550

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 09/814,196 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM FOR CONTROLLING A CLASS D AMPLIFIER
• SYSTEME PERMETTANT DE COMMANDER UN AMPLIFICATEUR DE CLASSE D

(71) CONEXANT SYSTEMS, INC [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660-3095 (US).

(72) UNDERBRINK, Paul, A.; 25212 Calle Del Lago, Lake Forrest, CA 92630 (US). SHAMLOU, Daryush; 30756 Belle Maison, Laguna Niguel, CA 92677 (US). CLARK, Ricke, W.;

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(74) RITTMASER, Ted, R.; Foley & Lardner, 35th Floor, 2029 Century Park East, Los Angeles, CA 90067-3021 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H03D 1/04, 1/06, H03K 5/01, 6/04, H04B 1/10, H04L 1/00, 25/08

(11) WO 02/078171 (13) A1

(21) PCT/US02/07612

(22) 14 Mar/mar 2002 (14.03.2002)

(25) en (26) en

(30) 09/815,456 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A METHOD AND SYSTEM FOR EFFECTIVE CHANNEL ESTIMATION IN A TELECOMMUNICATION SYSTEM

• PROCÉDÉ ET SYSTÈME DE CALCUL EFFECTIF DU CANAL DANS UN SYSTÈME DE TÉLÉCOMMUNICATIONS

(71) NAVINI NETWORKS, INC. [US/US]; 3605 E. Plano Parkway, Suite 400, Plano, TX 75074 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) XU, Guanghan [CN/US]; 4630 Firewheel Drive, Garland, TX 75074 (US).

(74) CHEN, L. Howard, et al. / etc.; Haynes & Boone, LLP, 901 Main Street, Suite 3100, Dallas, TX 75202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 designations
(u) for / pour US only / seulement

(51)⁷ H03F

(11) WO 02/078172 (13) A2

(21) PCT/US02/09128

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/818,285 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DYNAMIC BIAS FOR A POWER AMPLIFIER

• POLARISATION DYNAMIQUE POUR AMPLIFICATEUR DE PUISSANCE

(71) CONEXANT SYSTEMS, INC. [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660 (US).

(72) SAMELIS, Apostolos; 865 Links View Drive, Simi Valley, CA 93065 (US). **CHOI, Kevin**; 300 Rolling Oaks Drive, Thousand Oaks, CA 91361 (US).

(74) HORSTEMEYER, Scott, A.; Thomas, Kayden, Horstemeyer & Risley, LLP, 100 Galleria Parkway, N.W., 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H03F 1/02

(11) WO 02/078173 (13) A2

(21) PCT/US02/07588

(22) 11 Mar/mar 2002 (11.03.2002)

(25) en (26) en

(30) 09/813,741 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM AND METHOD FOR RF SIGNAL AMPLIFICATION

• SYSTEME ET PROCEDE D'AMPLIFICATION DE SIGNAL RF

(71) ERICSSON INC. [US/US]; 6300 Legacy Drive, Plano, TX 75024 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) PEHLKE, David [US/US]; 103 Jolyn Place, Chapel Hill, NC 27514 (US). **HADJICHRISTOS, Aristotele** [IT/US]; 104 Northcote Drive, Apex, NC 27502 (US).

(74) BENNETT, David; Coats & Bennett, 1400 Crescent Green, Cary, NC 27511 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 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 VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 designations
(t) for all designations / pour toutes les designations
(t) for the following designation / pour la désignation suivante : US; (t) for the following designation / pour la désignation suivante : US(51)⁷ H03F 1/32

(11) WO 02/078174 (13) A1

(21) PCT/JP01/04288

(22) 22 May/mai 2001 (22.05.2001)

(25) ja (26) ja

(30) 2001-85878 23 Mar/mar 2001 JP (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FEED FORWARD AMPLIFIER

• AMPLIFICATEUR A CORRECTION AVAL

(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) HORIGUCHI, Kenichi [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **NAKAYAMA, Masatoshi** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **IKEDA, Yukio** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **ISHIDA, Osami** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).(JP). **OKAMURA, Atushi** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **FUJISAKA, Takahiko** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **CHIBA, Isamu** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **URASAKI, Shu-uji** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **MORISHITA, Keiji** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **YASUNAGA, Yoshinori** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **KUNUGI, Satoshi** [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) 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).

(51)⁷ H03F 1/32

(11) WO 02/078175 (13) A1

(21) PCT/JP01/04289

(22) 22 May/mai 2001 (22.05.2001)

(25) ja (26) ja

(30) 2001-85866 23 Mar/mar 2001 JP (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • FEEDFORWARD AMPLIFIER

• AMPLIFICATEUR A CORRECTION AVAL

(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) HORIGUCHI, Kenichi [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **NAKAYAMA, Masatoshi** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **IKEDA, Yukio** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **ISHIDA, Osami** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **MORISHITA, Keiji** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **YASUNAGA, Yoshinori** [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) 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).

(51)⁷ H03F 1/32

(11) WO 02/078176 (13) A2

(21) PCT/US02/06970

(22) 7 Mar/mar 2002 (07.03.2002)

(25) en (26) en

(30) 60/273,987 7 Mar/mar 2001 US
(07.03.2001)

(30) 10/091,756 6 Mar/mar 2002 US
(06.03.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DIGITAL BASEBAND RECEIVER IN A
MULTI-CARRIER POWER AMPLIFIER
• RECEPTEUR NUMERIQUE DE BANDE
DE BASE DANS UN AMPLIFICATEUR
DE PUISSANCE A PORTEUSES MUL-
TIPLES

(71) ANDREW CORPORATION [US/US];
10500 W. 153rd Street, Orland Park, IL
60462 (US).

(72) WHITE, Paul, E.; 2297 Spangler Circle,
York, PA 17402 (US). BACHMAN, Thomas,
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21034 (US). KOOKER, Robert, W.; 908
Bentley Road, Freeland, MD 21053 (US).
SARVER, Leonard; 2509 Brookmar Drive,
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15701 Magnolia Drive, New Freedom, PA
17349 (US). EVERLINE, Paul; 18550 W.
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(US).

(74) STINEBRUNER, Scott, A. et al. / etc.;
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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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 H03F 1/56

(11) WO 02/078177 (13) A1

(21) PCT/EP01/03410

(22) 26 Mar/mar 2001 (26.03.2001)

(25) de (26) de

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • AMPLIFYING CIRCUIT
• MONTAGE AMPLIFICATEUR

(71) GEORG NEUMANN GMBH [DE/DE];
Ollenhauerstrasse 98, 13403 Berlin (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KERN, Otmar [DE/DE]; Dahlemer Weg
82, 14167 Berlin (DE).

(74) KONLE, Tilmär; Benderstrasse 23a, 81247
München (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) H03F 3/04

(11) WO 02/078178 (13) A1

(21) PCT/US02/09235

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/817,668 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DIGITALLY CONTROLLED BIAS CIR-
CUIT FOR POWER AMPLIFIERS
• CIRCUIT DE POLARISATION A
CONTROLE NUMERIQUE POUR AM-
PLIFICATEURS DE PUISSANCE

(71) CONEXANT SYSTEMS, INC. [US/US];
4311 Jamboree Road, Newport Beach, CA
92660 (US).

(72) CHOI, Kevin; 300 Rolling Oaks Drive,
Thousand Oaks, CA 91361 (US).

(74) HORSTEMEYER, Scott, A.; 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 H03F 3/217

(11) WO 02/078179 (13) A2

(21) PCT/US02/09284

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 60/278,780 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DIGITAL SIGNAL PROCESSOR EN-
HANCED PULSE WIDTH MODULA-
TION AMPLIFIER
• AMPLIFICATEUR A MODULATION
D'IMPULSIONS EN DUREE AME-
LIORE, A PROCESSEUR DE SIGNAUX
NUMERIQUES

(71) HARMAN INTERNATIONAL INDUS-
TRIES INCORPORATED [US/US]; 8500
Balboa Boulevard, Northridge, CA 91329
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) STANLEY, Gerald, R. [US/US]; 59766
Beech Road, Osceola, IN 46561 (US).

(74) HILLIS, Sanders, N.; Brinks Hofer Gilson
& Lione, One Indiana Square, Suite 2425, In-
dianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 H03F 3/60

(11) WO 02/078180 (13) A1

(21) PCT/GB02/01432

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 0107560.5 27 Mar/mar 2001 GB
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • IMPROVEMENTS IN TRAVELLING
WAVE AMPLIFIERS
• AMELIORATIONS DES AMPLIFICA-
TEURS A ONDES PROGRESSIVES

(71) QINETIQ LIMITED [GB/GB]; 85 Buck-
ingham Gate, London SW1 6TD (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ZELLEY, Christopher, Andrew
[GB/GB]; Qinetiq Limited, St Andrews
Road, Malvern, Worcestershire WR14 3PS
(GB).

(74) BARKER BRETTELL; 138 Hagley Road,
Edgbaston, Birmingham B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 H03G 3/20

(11) WO 02/078181 (13) A1

(21) PCT/JP01/04287

(22) 22 May/mai 2001 (22.05.2001)

(25) ja (26) ja

(30) 2001-85889 23 Mar/mar 2001 JP
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HIGH FREQUENCY AMPLIFIER
• AMPLIFICATEUR HAUTE FRE-
QUENCE

(71) MITSUBISHI DENKI KABUSHIKI
KAISHA [JP/JP]; 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).
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les États désignés sauf US)

- (72, 75) **HORIGUCHI, Kenichi** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **NAKAYAMA, Masatoshi** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **IKEDA, Yukio** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **ISHIDA, Osami** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **SAKAI, Yuuji** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **TOTANI, Kazuyuki** [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) 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).
-
- (51)⁷ **H03H 17/02**
 (11) **WO 02/078182** (13) A2
 (21) PCT/US02/06224
 (22) **28 Feb/fév 2002 (28.02.2002)**
 (25) en (26) en
 (30) 09/817,711 **26 Mar/mar 2001 US (26.03.2001)**
 (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **TWO-DIMENSIONAL PYRAMID FILTER ARCHITECTURE**
 • ARCHITECTURE DE FILTRES PYRAMIDAUX BIDIMENSIONNELS
- (71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ACHARYA, Tinku** [IN/US]; 4840 West Erie Street, Chandler, AZ 85226 (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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **H03H 17/06, H04J 13/04**
 (11) **WO 02/078183** (13) A1
 (21) PCT/JP02/02902
 (22) **26 Mar/mar 2002 (26.03.2002)**
- (25) ja (26) ja
 (30) 2001-087480 **26 Mar/mar 2001 JP (26.03.2001)**
 (30) 2001-306794 **2 Oct/oct 2001 JP (02.10.2001)**
 (30) 2002-045255 **21 Feb/fév 2002 JP (21.02.2002)**
 (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **FILTER APPARATUS, RECEPTION APPARATUS, TRANSMISSION APPARATUS, DIFFUSION MODULATION APPARATUS, PSEUDO-RANDOM NUMBER SEQUENCE OUTPUT APPARATUS, FILTER METHOD, RECEPTION METHOD, TRANSMISSION METHOD, DIFFUSION MODULATION METHOD, PSEUDO-RANDOM NUMBER SEQUENCE OUTPUT METHOD, AND PROGRAM**
 • **APPAREIL DE FILTRAGE, APPAREIL DE RECEPTION, APPAREIL DE TRANSMISSION, APPAREIL DE MODULATION DE DIFFUSION, APPAREIL DE GENERATION DE SEQUENCES DE NOMBRES PSEUDO-ALEATOIRES, PROCEDE DE FILTRAGE, PROCEDE DE RECEPTION, PROCEDE DE TRANSMISSION, PROCEDE DE MODULATION DE DIFFUSION, PROCEDE DE GENERATION DE SEQUENCES DE NOMBRES P**
- (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)
- (71, 72) **UMENO, Ken** [JP/JP]; 10-307, Nanpeidai 8-chome, Shibuya-ku, Tokyo 150-0036 (JP). **YAMAGUCHI, Akihiro** [JP/JP]; 2-16-202, Mitoma 2-chome, Higashi-ku, Fukuoka-shi, Fukuoka 811-0201 (JP).
- (72, 75) **SHIH, Shenghung** [—/JP]; 1-1-901, Senzoku 1-chome, Taito-ku, Tokyo 111-0031 (JP).
- (74) **KIMURA, Mitsuru**; 7th Floor, Kyohan Building, 7, Kandanshiki-cho 2-chome, Chiyoda-ku, Tokyo 101-0054 (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).
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- (51)⁷ **H03K**
 (11) **WO 02/078184** (13) A2
 (21) PCT/IB02/00829
 (22) **21 Mar/mar 2002 (21.03.2002)**
 (25) en (26) en
 (30) 09/815,145 **22 Mar/mar 2001 US (22.03.2001)**
 (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **PULSE-WIDTH MODULATION WITH FEEDBACK TO TOGGLE MODULE**
 • **MODULATION DE LARGEUR D'IMPULSION A RETOUR VERS MODULE A BASCULE**
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **HOUGHTON, William**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **DE JONG, Durk, J.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **H03K 3/037**
 (11) **WO 02/078185** (13) A1
 (21) PCT/US02/08960
 (22) **20 Mar/mar 2002 (20.03.2002)**
 (25) en (26) en
 (30) 60/277,687 **21 Mar/mar 2001 US (21.03.2001)**
 (30) 09/947,044 **5 Sep/sep 2001 US (05.09.2001)**
 (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **EFFICIENT SEQUENTIAL CIRCUITS USING CRITICAL RACE CONTROL**
 • **CIRCUITS SEQUENTIELS EFFICACES A COMMANDE D'ACCROCHAGE CRITIQUE**
- (71) **BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC.** [US/US]; 65 Spitbrook Road, Nashua, NH 03061 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LOWY, Menahem** [US/US]; 13 Mountain View Drive, Merrimack, NH 03054 (US). **BUTLER, Neal** [US/US]; 144 School Street, Acton, MA 01720 (US). **TINKLER, Rosanne** [US/US]; 22 Donald Street, Lexington, MA 01720 (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).
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- Published / Publiée : (c)
-
- (51)⁷ **H03K 19/177, H01L 25/00, G06F 7/38**
 (11) **WO 02/078186** (13) A1
 (21) PCT/US02/03243
 (22) **6 Feb/fév 2002 (06.02.2002)**
 (25) en (26) en
 (30) 09/780,129 **9 Feb/fév 2001 US (09.02.2001)**
 (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • **IN SERVICE PROGRAMMABLE LOGIC ARRAYS WITH ULTRA THIN VERTICAL BODY TRANSISTORS**
 • **RESEAUX LOGIQUES PROGRAMMABLES EN SERVICE COMPORTANT DES TRANSISTORS ULTRAMINCES A CORPS VERTICAL**

(71) MICRON TECHNOLOGY, INC. [US/US]; 8000 South Federal Way, Boise, ID 83716-9632 (US).

(72) FORBES, Leonard; 965 NW Highland Terrace, Corvallis, OR 97330 (US).

(74) VIKSNINS, Ann, S.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H03K 19/177

(11) WO 02/078187 (13) A1

(21) PCT/US02/03891

(22) 7 Feb/fév 2002 (07.02.2002)

(25) en (26) en

(30) 09/780,087 9 Feb/fév 2001 US (09.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROGRAMMABLE LOGIC ARRAYS WITH ULTRA THIN BODY TRANSISTORS

• RESEAUX LOGIQUES PROGRAMMABLES COMPORTANT DES TRANSISTORS A STRUCTURE ULTRA-MINCE

(71) MICRON TECHNOLOGY, INC. [US/US]; 8000 South Federal Way, Boise, ID 83716-9632 (US).

(72) FORBES, Leonard; 965 NW Highland Terrace, Corvallis, OR 97330 (US). AHN, Kie, Y.; 639 Quaker Rd., Chappaqua, NY 10514 (US).

(74) VIKSNINS, Ann, S.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H03L 7/00

(11) WO 02/078188 (13) A1

(21) PCT/KR02/00488

(22) 23 Mar/mar 2002 (23.03.2002)

(25) en (26) en

(30) 2001/15103 23 Mar/mar 2001 KR (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • APPARATUS FOR GENERATING SPREAD SPECTRUM FREQUENCY-MODULATED CLOCK PULSES HAVING REDUCED ELECTROMAGNETIC INTERFERENCE (EMI)

• APPAREIL DE PRODUCTION DE SIGNAUX D'HORLOGE MODULES PAR ETALEMENT DE FREQUENCES PRESENTANT UNE INTERFERENCE ELECTROMAGNETIQUE REDUITE (EMI)

(71) NEOMICROS, INC. [KR/KR]; Samjin Bldg., 217-3, Nonhyeon-dong, Gangnam-gu, Seoul 135-829 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SONG, In, Ho [KR/KR]; Samsung San Apt. 302-506, 1714 Sillim-dong, Gwanak-gu, Seoul 151-704 (KR).

(74) YOON, Jee, Hong; Hannuri Bldg., 219 Naeja-dong, Chongno-gu, Seoul 110-053 (KR).

(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 H03L 7/089, H03D 13/00

(11) WO 02/078189 (13) A1

(21) PCT/EP02/02429

(22) 6 Mar/mar 2002 (06.03.2002)

(25) en (26) en

(30) 60/278,667 21 Mar/mar 2001 US (21.03.2001)

(30) 09/973,820 11 Oct/oct 2001 US (11.10.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LINEAR FAST-LOCKING DIGITAL PHASE DETECTOR

• BOUCLE A PHASE ASSERVIE AVEC DETECTEUR DE PHASE LINEAIRE

(71) TELEFONAKTIEBOLAGET L M ERICSSON [SE/SE]; S-126 25 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NILSSON, Magnus [SE/SE]; Flygelvägen 241, S-224 72 Lund (SE).

(74) ERICSSON MOBILE PLATFORMS AB; IPR Department, S-221 83 Lund (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE (Utility model / modèle d'utilité) DK (Utility model / modèle d'utilité) DM DZ EC EE (Utility model / modèle d'utilité) ES FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H03L 7/099

(11) WO 02/078190 (13) A1

(21) PCT/DE02/00595

(22) 19 Feb/fév 2002 (19.02.2002)

(25) de (26) de

(30) 101 15 385.6 28 Mar/mar 2001 DE (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR INCREASING THE RATE OF A PULSED OUTPUT DDS

• PROCEDE ET DISPOSITIF POUR AUGMENTER LA FREQUENCE D'HORLOGE D'UNE SYNTHESE NUMERIQUE DIRECTE DE SORTIE IMPULSIONNELLE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RICHTER, Raik [DE/DE]; Lockwitzgrund 123 K, 01731 Kreischa (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : JP EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(u) for / pour US only / seulement

(51)⁷ H03M

(11) WO 02/078191 (13) A2

(21) PCT/EP02/03410

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 01107305.3 23 Mar/mar 2001 EP (23.03.2001)

(30) 60/311,622 10 Aug/août 2001 US (10.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CURRENT FOLDING CELL AND CIRCUIT COMPRISING AT LEAST ONE FOLDING CELL

• CELLULE DE PLIAGE DE COURANT ET CIRCUIT COMPRENANT AU MOINS UNE TELLE CELLULE

(71, 72) SNOEIJIS, Walter [BE/FR]; Sous-Verzin, F-74350 Cernex (FR).

(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) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE

GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H03M 1/66, H03K 17/00

(11) WO 02/078192 (13) A1

(21) PCT/EP01/03234

(22) 21 Mar/mar 2001 (21.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DIGITAL-TO-ANALOG CONVERTER AND METHOD FOR REDUCING HARMONIC DISTORTION IN A DIGITAL-TO-ANALOG CONVERTER

• CONVERTISSEUR NUMERIQUE-ANALOGIQUE ET PROCEDE PERMETTANT DE REDUIRE LA DISTORSION HARMONIQUE DANS UN CONVERTISSEUR NUMERIQUE-ANALOGIQUE

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-021150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ELORANTA, Petri [FI/FI]; Maininkitie 14 D 49, FIN-02320 Espoo (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 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 GW ML MR NE SN TD TG).

(51)⁷ H03M 3/00

(11) WO 02/078193 (13) A1

(21) PCT/DE02/00792

(22) 5 Mar/mar 2002 (05.03.2002)

(25) de (26) de

(30) 101 15 386.4 28 Mar/mar 2001 DE (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NOISE-SHAPING METHOD

• PROCEDE DE MISE EN FORME DU BRUIT

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 Munich (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERNDT, Holger [DE/DE]; Dorfhainer Str. 34, 01189 Dresden (DE). RICHTER, Raik [DE/DE]; Lockwitzgrund 123 K, 01731 Kreischa (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CN 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 H03M 3/02

(11) WO 02/078194 (13) A2

(21) PCT/IB02/00423

(22) 12 Feb/fév 2002 (12.02.2002)

(25) en (26) en

(30) 09/816,621 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR CONDITIONING AN ANALOG SIGNAL

• CONDITIONNEMENT D'UN SIGNAL ANALOGIQUE ET APPAREIL A CET EFFET

(71) CONEXANT SYSTEMS, INC. [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660 (US).

(72) CETIN, Yusuf; 1213 Orchard Glen Circle, Encinitas, CA 92024 (US). HAMILTON, Graham, S.; 12326 Goldfish Ct., San Diego, CA 92129 (US). YAYLA, Ibrahim, G.; 1447 Santa Fe Dr., Encinitas, CA 92024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H03M 13/05, 13/27, 13/37

(11) WO 02/078195 (13) A2

(21) PCT/EP02/02777

(22) 12 Mar/mar 2002 (12.03.2002)

(25) en (26) en

(30) 09/818,307 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ITERATIVE DECODING OF DIFFERENTIALLY MODULATED SYMBOLS

• DECODAGE ITERATIF DE SYMBOLES A MODULATION DIFFERENTIELLE

(71) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) [SE/SE]; SE-126 25 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILHELMSSON, Leif [SE/SE]; Lyftvagen 5, S-240 10 Dalby (SE).

(74) HOFMAN-BANG ZACCO A/S; Hans Bekkevolds 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 (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H03M 13/27, 13/29, 13/35, 13/45

(11) WO 02/078196 (13) A1

(21) PCT/US02/08616

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 60/277,804 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND CODING MEANS FOR ERROR-CORRECTION UTILIZING CONCATENATED PARITY AND TURBO CODES

• PROCEDE ET ELEMENT DE CODAGE POUR CORRECTION D'ERREURS UTILISANT UNE PARITE CONCATENEE ET DES CODES TURBO

(71) UNIVERSITY OF FLORIDA [US/US]; 223 Grinter Hall, Gainesville, FL 32611 (US).

(72) SHEA, John, M.; 3902 S.W. 97th Drive, Gainesville, FL 32608 (US).

(74) MCLEOD, Christine, Q. et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, Suite A-1, 2421 N.W. 41st Street, Gainesville, FL 32606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H03M 112/
(11) WO 02/078197 (13) A2
(21) PCT/EP02/03380
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 01107530.6 26 Mar/mar 2001 EP
(26.03.2001)
(30) 01119537.7 15 Aug/août 2001 EP
(15.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • SAMPLING METHOD, RECONSTRUCTION METHOD, AND DEVICE FOR SAMPLING AND/OR RECONSTRUCTING SIGNALS
• PROCEDE D'ECHANTILLONNAGE, PROCEDE DE RECONSTITUTION ET DISPOSITIF PERMETTANT D'ECHANTILLONNER ET/OU DE RECONSTITUER DES SIGNAUX

(71) ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL) [CH/CH]; SRI, CM Ecublens, Ch-1015 Lausanne (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VETTERLI, Martin [CH/CH]; Ch. de Baussan 11, CH-1603 Grandvaux (CH). MARZILIANO, Pina [CA/CH]; Av. Tivoli 4, CH-1007 Lausanne (CH). BLU, Thierry [FR/CH]; Av. du Rond-Point 7, CH-1006 Lausanne (CH).

(74) SAAM, Christophe; Patents & Technology Surveys SA, Fbg du Lac 2, P.O. Box 2848, CH-2001 Neuchâtel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DE (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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
(11) WO 02/078198 (13) A2
(21) PCT/DE02/01075
(22) 21 Mar/mar 2002 (21.03.2002)
(25) de (26) de
(30) 101 14 531.4 21 Mar/mar 2001 DE
(21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CIRCUIT ARRANGEMENT FOR COMPENSATION OF THE DAMPING IN AN ANTENNA FEED CABLE FOR A MOBILE RADIO DEVICE
• CIRCUIT DESTINE A COMPENSER L'AFFAIBLISSEMENT DANS UN

CABLE D'ALIMENTATION D'ANTENNE POUR UN APPAREIL RADIO-MOBILE

(71) FUNKWERK DABENDORF GMBH [DE/DE]; Märkische Strasse, 15806 Dabendorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAST, Helmut [DE/DE]; Grüne Trift am Walde 39, 12557 Berlin (DE). JACOBI, Raimo [DE/DE]; Wendenschlossstrasse 185a, 12557 Berlin (DE).

(74) NERN, Peter-Michael; Neue Promenade 5, 10178 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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
(11) WO 02/078199 (13) A2
(21) PCT/IL02/00236

(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en

(30) 60/277,996 22 Mar/mar 2001 US
(22.03.2001)

(30) 60/278,010 22 Mar/mar 2001 US
(22.03.2001)

(30) 60/278,065 22 Mar/mar 2001 US
(22.03.2001)

(30) 09/853,017 10 May/mai 2001 US
(10.05.2001)

(30) PCT/IL01/00758 14 Aug/août 2001 IL
(14.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A METHOD AND SYSTEM FOR REMOTELY AUTHENTICATING IDENTIFICATION DEVICES

• PROCEDE ET SYSTEME D'AUTHENTIFICATION A DISTANCE DE DISPOSITIFS D'IDENTIFICATION

(63) US PCT/IL01/00758 and (CIP)
14 Aug/août 2001 (14.08.2001)

(71) COMSENSE TECHNOLOGIES LTD. [IL/IL]; 8 Jerusalem Avenue, 68021 Jaffa (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANATI, Ram [IL/IL]; 16 Haetrog Street, Kfar Bramdes, 38244 Hadera (IL). GLUKHOV, Maxim [IL/IL]; 61/44 Stern Street, 96750 Jerusalem (IL). ATSMON, DAN [IL/IL]; 16 Hashnayim Street, 53230 Givataim (IL). SPEYER, Gavriel [US/IL]; 32 Hazohar Street, 62914 Tel-Aviv (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 1/30, 1/40, H04L 27/26
(11) WO 02/078200 (13) A2
(21) PCT/DE02/01098

(22) 26 Mar/mar 2002 (26.03.2002)
(25) de (26) de
(30) 101 14 779.1 26 Mar/mar 2001 DE
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TRANSCEIVER
• UNITÉ D'ÉMISSION ET DE RÉCEPTION

(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) MUSCHALLIK, Claus [DE/DE]; Dorfstr. 33 h, 82024 Taufkirchen (DE). PFLAUM, Bernd [DE/DE]; Bozaunweg 23 e, 82008 Unterhaching (DE). SEDLMAIER, Robert [DE/DE]; Waldschulstrasse 28, 81827 München (DE).

(74) EPPING, HERMANN & FISCHER; Rindlerstr. 55, 80339 München (DE).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H04B 1/38, H05K 5/00
(11) WO 02/078201 (13) A2
(21) PCT/DE02/01033

(22) 21 Mar/mar 2002 (21.03.2002)
(25) de (26) de
(30) 101 14 110.6 22 Mar/mar 2001 DE
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SHIELD FOR HIGH-FREQUENCY TRANSMITTER/RECEIVER SYSTEMS OF ELECTRONIC DEVICES, ESPECIALLY OF DEVICES FOR WIRELESS TELECOMMUNICATION

• SYSTEME DE PROTECTION POUR DISPOSITIFS D'ÉMISSION/DE RÉCEPTION HAUTE FREQUENCE D'APPAREILS ELECTRONIQUES, NOTAMMENT D'APPAREILS DE TELECOMMUNICATION SANS FIL

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DETERING, Volker** [DE/DE]; Gröndahlscher Weg 20, 46446 Emmenich (DE). **BUSCH, Georg** [DE/DE]; Feldmark 5, 48683 Ahaus (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : CN JP EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)

(u) for / pour US only / seulement

(51)⁷ H04B 1/38

(11) WO 02/078202 (13) A1

(21) PCT/DE02/01076

(22) 21 Mar/mar 2002 (21.03.2002)

(25) de (26) de

(30) 101 14 532.2 21 Mar/mar 2001 DE (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CIRCUIT ARRANGEMENT FOR COMPENSATION OF THE DAMPING IN AN ANTENNA FEED CABLE FOR A MOBILE RADIO DEVICE

• CIRCUIT DESTINE A COMPENSER L'AFFAIBLISSEMENT DANS UN CABLE D'ALIMENTATION D'ANTENNE POUR UN APPAREIL RADIO-MOBILE

(71) **FUNKWERK DABENDORF GMBH** [DE/DE]; Märkische Strasse, 15806 Dabendorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAST, Helmut** [DE/DE]; Grüne Trift am Walde 39, 12557 Berlin (DE). **JACOBI, Raimo** [DE/DE]; Wendenschlossstrasse 185a, 12557 Berlin (DE).

(74) **NERN, Peter-Michael**; Neuc Promenade 5, 10178 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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04B 1/44

(11) WO 02/078203 (13) A1

(21) PCT/JP02/02451

(22) 14 Mar/mar 2002 (14.03.2002)

(25) ja (26) ja

(30) 2001-89009 27 Mar/mar 2001 JP (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPOSITE HIGH-FREQUENCY PART AND INFORMATION TERMINAL APPARATUS USING THE SAME

• MONTAGE COMPOSITE HAUTE FREQUENCE ET APPAREIL TERMINAL D'INFORMATION L'UTILISANT

(71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). **SANYO ELECTRONIC COMPONENTS CO., LTD.** [JP/JP]; 1-1, Sanyo-cho, Daito-shi, Osaka 574-8534 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NITANI, Yasuo** [JP/JP]; 3-1-41-1002, Minatojimanakamachi, Chuou-ku, Kobe-shi, Hyogo 650-0046 (JP). **MIYAMOTO, Keizou** [JP/JP]; 1-3, Shindenhigashihonmachi, Daito-shi, Osaka 574-0054 (JP). **KODAMA, Shinichi** [JP/JP]; 6-6-44-606, Kanou, Higashiosaka-shi, Osaka 578-0901 (JP). **NAKAGAWA, Yuji** [JP/JP]; 4-6-43-302, Haizuka, Daito-shi, Osaka 574-0043 (JP). **FUJURA, Hideaki** [JP/JP]; 3-1-32, Okamachiminami, Toyonaka-shi, Osaka 560-0883 (JP).

(74) **MARUYAMA, Toshiyuki**; 10-12, Nakamiya 4-chome, Asahi-ku, Osaka-shi, Osaka 535-0003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 1/707, H03M 1/12

(11) WO 02/078204 (13) A1

(21) PCT/EP02/03390

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 01107530.6 26 Mar/mar 2001 EP (26.03.2001)

(30) 01119537.7 15 Aug/août 2001 EP (15.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SAMPLING METHOD FOR A SPREAD SPECTRUM COMMUNICATION SYSTEM

• ÉCHANTILLONNAGE POUR UN SYSTÈME DE COMMUNICATION À ÉTALEMENT DU SPECTRE

(71) **ECOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE (EPFL)** [CH/CH]; SRI, CM Ecublens, CH-1015 Lausanne (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARAVIC, Irena** [YU/CH]; Av. du Mont d'Or 69, CH-1007 Lausanne (CH). **VETTERLI, Martin** [CH/CH]; Ch. de Baussan 11, CH-1603 Grandvaux (CH).

KUSUMA, Julius [ID/US]; 748 Oakland Ave #400, Oakland, CA 94611 (US).

(74) **SAAM, Christophe**; Patents & Technology Surveys SA, Fbg du Lac 2, P.O. Box 2848, CH-2001 Neuchâtel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GB GR IE IT LU MC NL PT SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04B 1/707

(11) WO 02/078205 (13) A1

(21) PCT/GB02/01438

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 0107612.4 26 Mar/mar 2001 GB (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEMODULATING AND DESPREADING IN CDMA RECEIVERS

• DEMODULATION ET DESETALEMENT DANS DES RECEPTEURS AMCR

(71) **THE UNIVERSITY OF BRISTOL** [GB/GB]; Senate House, Tyndall Avenue, Bristol BS8 1TH (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NIX, Andrew, Robert** [GB/GB]; 7 Bellview, Clifton, Bristol BS8 1DA (GB). **BIAN, Yan, Qint** [CN/GB]; 52 Simmonds View, Stoke Gifford, Bristol BS34 8HL (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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 3/00

(11) WO 02/078206 (13) A2

(21) PCT/US02/03902

- (22) 11 Feb/fév 2002 (11.02.2002)
(25) en (26) en
(30) 09/815,358 22 Mar/mar 2001 US
(22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • BI-DIRECTIONAL COMMUNICATION SYSTEM
• SYSTEME DE COMMUNICATION BI-DIRECTIONNELLE
(71) SUN MICROSYSTEMS, INC. [US/US]; 901 San Antonio Road, M/S UPAL01-521, Palo Alto, CA 94303 (US).
(72) DROST, Robert, J.; 249 Manzanita Ave., Palo Alto, CA 94306 (US). BOSNYAK, Robert, J.; 1702 Husted Ave., San Jose, CA 95124 (US).
(74) O'BRIEN, David, W. et al. / etc.; Zagorin, O'Brien & Graham, L.L.P., 401 West 15th Street, Suite 870, Austin, TX 78701 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 3/46
(11) WO 02/078207 (13) A1
(21) PCT/US02/06546
(22) 5 Mar/mar 2002 (05.03.2002)
(25) en (26) en
(30) 09/814,538 21 Mar/mar 2001 US
(21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD AND APPARATUS FOR CLASSIFYING A BASEBAND SIGNAL
• PROCEDE ET DISPOSITIF DE CLASSIFICATION DE SIGNAL EN BANDE DE BASE
(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
(72) SMITH, Brian, K.; 8409 Berkshire Drive, North Richland Hills, TX 76180 (US).
(74) VAAS, Randall, S. et al. / etc.; 600 North US Highway 45, AN475, Libertyville, IL 60048 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 7/00
(11) WO 02/078208 (13) A2
(21) PCT/GB02/01350
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 0107227.1 22 Mar/mar 2001 GB
(22.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • CORRECTOR FOR NON-MONOTONIC CHARACTERISTICS OF A SATELLITE TRANSMISSION CHANNEL
• CORRECTEUR POUR CARACTERISTIQUES NON MONOTONES D'UNE VOIE DE TRANSMISSION PAR SATELLITE
(71) TANDBERG TELEVISION [NO/NO]; Philip Pedersens Vei 20, P.O. Box 322, N-1326 Lysaker (NO).
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(72, 75) BEECH, Brian, Herbert [GB/GB]; 10 Dartington Road, Bishopstoke, Hampshire SO50 6NR (GB). EDWARDS, David, G. [GB/GB]; 36 Chatsworth Road, Boyatt Wood, Eastleigh, Hampshire SO50 4PE (GB). PERINPANAYAGAM, Ravin [GB/GB]; 5 Fairbairn Walk, Chandlers Ford, Eastleigh, Hampshire SO53 4HT (GB).
(74) MOLYNEAUX, Martyn, W. et al. / etc.; Wildman Harrold Allen & Dixon, 11th Floor, Tower 3, Clements Inn, London WC2A 2AZ (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 7/00
(11) WO 02/078209 (13) A2
(21) PCT/IB02/00889
(22) 25 Mar/mar 2002 (25.03.2002)
(25) en (26) en
(30) 09/818,396 27 Mar/mar 2001 US
(27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD FOR CALIBRATING A SMART-ANTENNA ARRAY, RADIO TRANSCIVER UNIT AND CALIBRATING SYSTEM
• PROCEDE D'ETALONNAGE D'UN RESEAU D'ANTENNES INTELLIGENT, EMETTEUR-RECEPTEUR RADIO ET SYSTEME D'ETALONNAGE
(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
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(72, 75) ALASTALO, Ari [FI/FI]; Tuohipolku 8 B 12, FIN-00410 Helsinki (FI).

- (74) SCHIPPAN, Ralph; Cohausz & Florack, Kanzlerstrasse 8a, 40472 Düsseldorf (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 H04B 7/00
(11) WO 02/078210 (13) A2
(21) PCT/US02/02180
(22) 22 Jan/jan 2002 (22.01.2002)
(25) en (26) en
(30) 09/790,416 21 Feb/fév 2001 US
(21.02.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD TO ACHIEVE DIVERSITY IN A COMMUNICATION NETWORK
• OBTENTION DE DIVERSITE DANS UN RESEAU DE COMMUNICATIONS
(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) KHAYRALLAH, Ali [US/US]; 113 Streamview Drive, Apex, NC 27502 (US).
(74) COATS & BENNETT, PLLC; 1400 Crescent Green, Suite 300, Cary, NC 27511 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (s) for all designations / pour toutes les désignations

(t) for the following designation / pour la désignation suivante : US; (t) for all designations / pour toutes les désignations

(51)⁷ H04B 7/00

(11) WO 02/078211 (13) A2

(21) PCT/US02/08733

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/816,481 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR UTILIZING CHANNEL STATE INFORMATION IN A WIRELESS COMMUNICATION SYSTEM

• PROCEDE ET APPAREIL DESTINES A UTILISER UNE INFORMATION D'ETAT DE CANAL DANS UN SYSTEME DE COMMUNICATIONS HERTZIENNES

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morhouse Drive, San Diego, CA 92121-1714 (US).

(72) LING, Funiyun; 11382 Wills Creek Road, San Diego, CA 92131 (US). WALTON, Jay, R.; 7 Ledgewood Drive, Westford, MA 01886 (US). HOWARD, Steven, J.; 75 Heritage Avenue, Ashland, MA 01721 (US). WALLACE, Mark; 4 Madel Lane, Bedford, MA 01730 (US). KETCHUM, John, W.; 37 Candleberry Lane, Harvard, MA 01451 (US).

(74) WADSWORTH, Philip, R. et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 7/005

(11) WO 02/078212 (13) A1

(21) PCT/KR02/00514

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 2001/15785 26 Mar/mar 2001 KR (26.03.2001)

(30) 2001/25348 4 May/mai 2001 KR (04.05.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF CONTROLLING REVERSE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM

• PROCEDE DE COMMANDE DE LA TRANSMISSION RETOUR DANS UN SYSTEME DE COMMUNICATION MOBILE

(71) SAMSUNG ELECTRONICS CO., LTD [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, Kyonggi-do 442-370 (KR).

(72) BAE, Beom-Sik; 373-1, Gusong-dong, Yuseong-gu, Taejeon-Kwangyokshi 305-338 (KR). PARK, Dong-Seek; Samchonri 2nd APT. #101-1101, Kwonson-dong, Kwonson-gu, Suwon-shi, Kyonggi-do 463-050 (KR). KOO, Chang-Hoi; 87, Sohyon-dong, Puntang-gu, Songnam-shi, Kyonggi-do 463-050 (KR). KIM, Dae-Gyun; 201-407, Taemyong 8-dong, Nam-gu, Taegu-Kwangyokshi 705-032 (KR).

(74) LEE, Keon-Joo; Mihwa Bldg. 110-2, Myongryun-dong 4-ga, Chongro-gu, Seoul 110-524 (KR).

(81) AU BR CA CN IN JP RU.

(51)⁷ H04B 7/01

(11) WO 02/078213 (13) A1

(21) PCT/SE02/00587

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/812,956 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR ESTIMATING DOPPLER SPREAD

• PROCEDE ET DISPOSITIF D'ESTIMATION DE L'ETALEMENT DOPPLER

(71) TELEFONAKTIEBOLAGET L M ERICSSON (publ) [SE/SE]; S-126 25 STOCKHOLM (SE).

(72) SANDBERG, David; Erik Sandbergs gata 8, S-169 34 Solna (SE).

(74) MAGNUSSON, Monica; Ericsson AB, Patent Unit Radio Access, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04B 7/08

(11) WO 02/078214 (13) A1

(21) PCT/DE02/01084

(22) 23 Mar/mar 2002 (23.03.2002)

(25) de (26) de

(30) 101 15 053.9 27 Mar/mar 2001 DE (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR SUPPRESSING MULTIPATH INTERFERENCE IN A RECEIVER OF ELECTROMAGNETIC WAVES

• PROCEDE ET DISPOSITIF PERMETTANT D'ELIMINER DES PERTURBATIONS DUES AUX TRAJETS MULTIPLES DANS UN RECEPTEUR D'ONDES ELECTRO-MAGNETIQUES

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

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(72, 75) VOGT, Lothar [DE/DE]; Uhlendweg 7, 31199 Barienrode (DE). NYENHUIS, Detlev [DE/DE]; Hauptstr. 7, 31079 Sibbesse (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 H04B 7/185

(11) WO 02/078215 (13) A1

(21) PCT/US02/08719

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/277,673 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR ANTENNA POSITIONING IN A SATELLITE USER TERMINAL

• PROCEDE DE POSITIONNEMENT D'ANTENNE DANS UN TERMINAL UTILISATEUR PAR SATELLITE

(71) HUGHES ELECTRONICS CORPORATION [US/US]; 200 North Sepulveda Boulevard, El Segundo, CA 90245 (US).

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(72, 75) KELLY, Frank [—/US]; 205 Tyler-ton Court, Walkersville, MD 21793 (US). KLOPER, David [—/US]; 1012 Leafy Hollow Circle, Mt. Airy, MD 21771 (US). OLARIU, Gabriel [—/US]; 17105 King James Way, Apt. 301, Gaithersburg, MD 20877 (US). PETRONIC, Mark [—/US]; 18409 Gardena Way, Gaithersburg, MD 20879 (US). DILLON, Douglas [—/US]; 1 Bell Bluff Court, Gaithersburg, MD 20879 (US).

(74) WHELAN, John, T. et al. / etc.; Hughes Electronics Corporation, Bldg. 001, MS A109, P.O. Box 956, El Segundo, CA 90245 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04B 7/185

(11) WO 02/078216 (13) A1

(21) PCT/US02/09016

(22) **21 Mar/mar 2002 (21.03.2002)**
(25) en (26) en
(30) 60/277,683 **21 Mar/mar 2001 US (21.03.2001)**
(30) 09/998,266 **30 Nov/nov 2001 US (30.11.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • SYSTEM AND METHOD FOR PROVIDING CLOSED-LOOP POWER CONTROL
• SYSTEME ET PROCEDE ASSURANT UNE COMMANDE DE LA PUISSANCE EN BOUCLE FERMEE
(71) **HUGHES ELECTRONICS CORPORATION** [US/US]; 200 North Sepulveda Boulevard, El Segundo, CA 90245 (US).
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(72, 75) **KELLY, Frank** [US/US]; 205 Tyler-ton Court, Walkersville, MD 21793 (US).
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DILLON, Douglas [US/US]; 1 Bell Bluff Court, Gaithersburg, MD 20879 (US).
(74) **WHELAN, John, T.** et al. / etc.; Hughes Electronics Corporation, Building 001, MS A109, P.O. Box 956, El Segundo, CA 90245 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 7/26, H04J 3/06
(11) **WO 02/078217** (13) A1
(21) PCT/US01/49194
(22) **19 Dec/déc 2001 (19.12.2001)**
(25) en (26) en
(30) 09/814,658 **21 Mar/mar 2001 US (21.03.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • TIMING DISTRIBUTION REDUNDANCY IN A WIRELESS NETWORK
• REDONDANCE DE DISTRIBUTION DE SYNCHRONISATION DANS UN RESEAU SANS FIL
(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; Patent Unit, KI/ECS/B/AP, S-164 80 Stockholm (SE).
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(72, 75) **CHUN, Dexter** [US/US]; 3904 Santa Nella Place, San Diego, CA 92130 (US).
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ZHANG, Jun [CD/US]; 7370 Calle Cristobal, #117, San Diego, CA 92126 (US).
(74) **BENNETT, David**; Coats and Bennett, P.L.L.C., 1400 Crescent Greet, Cary, NC 27511 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04B 10/04
(11) **WO 02/078218** (13) A1
(21) PCT/JP02/01121
(22) **8 Feb/fév 2002 (08.02.2002)**
(25) ja (26) ja
(30) 2001-85778 **23 Mar/mar 2001 JP (23.03.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • OPTICAL COMMUNICATION METHOD AND OPTICAL COMMUNICATION DEVICE
• PROCEDE ET DISPOSITIF DE TELECOMMUNICATION PAR FIBRE OPTIQUE
(71) **SUN UP INC.** [JP/JP]; Dream Core 318, 52-16, Imajuku 6-chome, Ogaki-shi, Gifu 503-0807 (JP).
DENSO TECHNO CORPORATION [JP/JP]; 11-27, Meieki 4-chome, Nakamura-ku, Nagoya-shi, Aichi 450-0002 (JP).
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(72, 75) **UEDA, Futoshi** [JP/JP]; c/o Sun Up Inc., Dream Core 318, 52-16, Imajuku 6-chome, Ogaki-shi, Gifu 503-0807 (JP).
MURAKAMI, Yasushi [JP/JP]; c/o Sun Up Inc., Dream Core 318, 52-16, Imajuku 6-chome, Ogaki-shi, Gifu 503-0807 (JP).
SHIOMIZU, Hidetoshi [JP/JP]; c/o Sun Up Inc., Dream Core 318, 52-16, Imajuku 6-chome, Ogaki-shi, Gifu 503-0807 (JP).
TAKEUCHI, Yoshitsugu [JP/JP]; c/o Denso Techno Inc., 188, Chuou-cho 2-chome, Obu-shi, Aichi 474-0025 (JP).
(74) **MANDA, Masayuki**; Dream Core 103, 52-16, Imajuku 6-chome, Ogaki-shi, Gifu 503-0807 (JP).
(81) JP US.

(51)⁷ H04B 10/08, H04L 1/24, 12/26
(11) **WO 02/078219** (13) A1
(21) PCT/US02/06505

(22) **4 Mar/mar 2002 (04.03.2002)**
(25) en (26) en
(30) 09/815,491 **23 Mar/mar 2001 US (23.03.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • INTELLIGENT PERFORMANCE MONITORING IN OPTICAL NETWORKS USING FEC STATISTICS
• SURVEILLANCE INTELLIGENTE DE PERFORMANCES DANS DES RESEAUX OPTIQUES FAISANT APPEL A DES STATISTIQUES FEC
(71) **AXE, INC.** [US/US]; 200 MetroWest Technology Dive, Maynard, MA 01754 (US).
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(72, 75) **JACOB, John, M.** [US/US]; 22 Loomis Street, Bedford, MA 01730 (US).
(74) **MILLS, Steven, M.** et al. / etc.; Mills & Onello LLP, Eleven Beacon Street, Suite 605, Boston, MA 02108 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)
(51)⁷ H04B 11/00, 13/02
(11) **WO 02/078220** (13) A1
(21) PCT/FR02/01048
(22) **25 Mar/mar 2002 (25.03.2002)**
(25) fr (26) fr
(30) 01/04001 **26 Mar/mar 2001 FR (26.03.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • DATA TRANSMISSION METHOD IN AN ACOUSTIC AND/OR MICROWAVE RADIO SYSTEM
• PROCEDE DE TRANSMISSION DE DONNEES DANS UN RESEAU ACOUSTIQUE ET/OU HERTZIEN
(71) **INSTITUT FRANÇAIS DE RECHERCHE POUR L'EXPLOITATION DE LA MER - IFRIMER (ETABLISSEMENT PUBLIC A CARACTERE INDUSTRIEL ET COMMERCIAL)** [FR/FR]; 155, rue Jean-Jacques Rousseau, F-92138 Issy-Les-Moulineaux Cedex (FR).
ETAT FRANÇAIS représenté par le DELEGUE GENERAL DE L'ARMEMENT [FR/FR]; Bureau de la Propriété Intellectuelle-DSP/SREA/DPI, 16 bis, avenue Prieur de la Côte d'Or, F-94114 Arcueil Cedex (FR).
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(72, 75) **PERSON, Roland** [FR/FR]; 17, rue Thibaudet, F-29200 Brest (FR). **LAPIERRE, Gérard** [FR/FR]; c/o Gesma, Boîte postale 42, F-29240 Brest Naval (FR). **AYELA, Gérard** [FR/FR]; c/o Orca Instrumentation, 5, rue Pierre Rivoalon, F-29200 Brest (FR). **CHEVALLIER, Ludovic** [FR/FR]; c/o Orca Instrumentation, 5, rue Pierre Rivoalon, F-29200 Brest (FR). **GALLAUD, Fabrice** [FR/FR]; c/o Orca Instrumentation, 5, rue Pierre Rivoalon, F-29200 Brest (FR).

(74) **BEAUFILS, Yves et al.** / etc.; Cabinet Ballet, 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04B 17/00, G01S 11/10

(11) WO 02/078221 (13) A1

(21) PCT/JP02/00965

(22) 6 Feb/fév 2002 (06.02.2002)

(25) ja (26) ja

(30) 2001-85832 23 Mar/mar 2001 JP (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROPAGATION PATH VARIATION ESTIMATING DEVICE AND PROPAGATION PATH VARIATION ESTIMATING METHOD

• DISPOSITIF ET PROCÉDE D'ESTIMATION DE LA VARIATION DU TRAJET DE PROPAGATION

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

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(72, 75) **MOTOYOSHI, Katsuyuki** [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) 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).

(51)⁷ H04B 17/02, 1/60

(11) WO 02/078222 (13) A1

(21) PCT/NL01/00255

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SEPARATE CONTROL LINE FOR MAINTENANCE OF REPEATERS OF A DIGITAL SUBSCRIBER LINE

• LIGNE DE SERVICE DISTINCTE DESTINÉE A LA MAINTENANCE DES REPÉTITEURS D'UNE LIGNE D'ABONNÉ NUMÉRIQUE

(71) **TELEFONAKTIEBOLAGET L M ERICSSON** [SE/SE]; Telefonvagen 30, S-126 25 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KERKHOF, Roger** [NL/NL]; Kamille 12, NL-5071 GM Udenhout (NL).

(74) **VAN DER AREND, A., G., A.**; Exter Polak & Charlouis 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 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 H04H

(11) WO 02/078223 (13) A2

(21) PCT/EP02/01588

(22) 14 Feb/fév 2002 (14.02.2002)

(25) de (26) de

(30) 101 14 670.1 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MOBILE MULTIMEDIA DEVICE

• DISPOSITIF MULTIMÉDIA MOBILE

(71) **TREND NETWORK AG** [DE/DE]; Graf-Adolf-Strasse 100, 40210 Düsseldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MÖLLER, Michael** [DE/DE]; Under den Eichen 55, 40625 Düsseldorf (DE). **SCHÄFFER, Christian** [DE/DE]; Edelweissring 23, 86343 Königsbrunn (DE).

(74) **ROX, Thomas**; Cohausz & Florack, Kanzlerstrasse 8a, 40472 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H04H

(11) WO 02/078224 (13) A2

(21) PCT/IB02/00873

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 09/817,716 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CENTRAL RADIO DEVICE AND ASSOCIATED APPLIANCE

• DISPOSITIF RADIO CENTRAL ET APPAREIL CORRESPONDANT

(71, 72) **LEI, Luiz** [—/CN]; House 18, Burlingame Garden, No.6A, Chuk Yeung Road, Sai Kung, N.T., Hong Kong (CN). **WONG, Chi, Bui** [—/CN]; Flat F, 7/F, On Ning Building, 145-153 Castle Peak Road, 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 US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H04H 7/00, H04N 7/08

(11) WO 02/078225 (13) A1

(21) PCT/JP02/02543

(22) 18 Mar/mar 2002 (18.03.2002)

(25) ja (26) ja

(30) 2001-77392 19 Mar/mar 2001 JP (19.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BROADCAST TRANSMISSION APPARATUS

• INSTALLATION POUR ÉMISSION DE PROGRAMMES

(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) **FUJITA, Mitsuko** [JP/JP]; 3-15-20, Nakameguro, Meguro-ku, Tokyo 153-0061 (JP). **YOSHIKAWA, Masaaki** [JP/JP]; 8-3-4-202, Nishi-shinjuku, Shinjuku-ku, Tokyo 160-0023 (JP). **TAKEUCHI, Yoshiyasu** [JP/JP]; 285-2-202, Noba-cho, Kounan-ku, Yokohama-shi, Kanagawa 234-0056 (JP). **IINO, Daisuke** [JP/JP]; 177-1-207, Aikawa-cho, Nishimabashi, Matsumoto-shi, Chiba 271-0045 (JP). **ISHIBASHI, Hiroyoshi** [JP/JP]; 3-9-2, Hinominami, Kounan-ku, Yokohama-shi, Kanagawa 234-0055 (JP).

(74) **ZOGO, Masahiro et al.** / etc.; Shuwa Kioicho TBR Building, 7, Kojimachi 5-chome, Chiyoda-ku, Tokyo 102-0083 (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 H04J
(11) WO 02/078226 (13) A2
(21) PCT/US01/48893
(22) 17 Dec/déc 2001 (17.12.2001)
(25) en (26) en
(30) 09/817,099 26 Mar/mar 2001 US (26.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD AND APPARATUS FOR EMERGENCY NOTIFICATION
• PROCEDE ET DISPOSITIF DE NOTIFICATION D'URGENCE
(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [—/US]; New Orchard Road, Armonk, NY 10504 (US).
(72) DUTTA, Rabindranath; 3401 Parmer Lane W, #835, Austin, TX 78727 (US). JANAKI-RAMAN, Janani; 9520 Aire Libre Drive, Austin, TX 78726 (US).
(74) ANDERSON, Jay, H.; 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 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 H04J 3/00
(11) WO 02/078227 (13) A2
(21) PCT/GB02/01291
(22) 19 Mar/mar 2002 (19.03.2002)
(25) en (26) en
(30) 09/816,969 23 Mar/mar 2001 US (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • A COMMUNICATION SYSTEM
• SYSTEME DE COMMUNICATION
(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
(71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB). (only for / seulement pour MG)
(72) MANN, Gregory; 501F Dalton Drive, Colchester, VT 05446 (US).
(74) LITHERLAND, David, Peter; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

- RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H04J 3/00
(11) WO 02/078228 (13) A2
(21) PCT/RU02/00120
(22) 26 Mar/mar 2002 (26.03.2002)
(25) en (26) en
(30) 0107692.6 27 Mar/mar 2001 GB (27.03.2001)
(30) 60/317,216 6 Sep/sep 2001 US (06.09.2001)
(30) 0131100.0 3 Jan/jan 2002 GB (03.01.2002)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • RECEIVER WITH AUTOMATIC SKEW COMPENSATION
• RECEPTEUR A COMPENSATION D'OBLIQUITE AUTOMATIQUE
(71, 72) ABROSIMOV, Igor Anatolievich [RU/RU]; Moskovsky pr., 36-7,, St.Petersburg, 190000 (RU).
(72) DEAS, Alexander, Roger; King's Gate Lodge, Dalkeith, Edinburgh EH22 1ST (GB).
(74) NILOVA, Maria Innokentievna et al. / etc.; PATENTICA LTD., Moika Embankment, 58, office 501, St.Petersburg, 190000 (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 UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H04J 3/06, H04L 12/56
(11) WO 02/078229 (13) A1
(21) PCT/US02/08671
(22) 21 Mar/mar 2002 (21.03.2002)
(25) en (26) en
(30) 60/277,716 21 Mar/mar 2001 US (21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • AN ACCESS AND ROUTING PROTOCOL FOR AD HOC NETWORKS USING SYNCHRONOUS COLLISION RESOLUTION AND NODE STATE DISSEMINATION
• PROTOCOLE D'ACCES ET D'ACHEMINEMENT POUR RESEAUX AD HOC, DANS LEQUEL LA RESOLUTION DE COLLISION ET LA DISSEMINATION D'ETATS DE NOEUDS SONT UTILISEES

- (71, 72) STINE, John, A. [US/US]; 9322 Eagle Court, Manassas, VA 20111 (US).
(74) ROBERTS, Jon, L. et al. / etc.; Roberts Abokhari & Mardula, LLC, Suite 1000, 11800 Sunrise Valley Drive, Reston, VA 20191 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04J 3/16, H04N 7/173, H04L 12/64
(11) WO 02/078230 (13) A1
(21) PCT/IB02/00503
(22) 18 Feb/fév 2002 (18.02.2002)
(25) en (26) en
(30) 01201097.1 23 Mar/mar 2001 EP (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • FIXED RATE DATA SLOT SCHEDULING
• ORDONNANCEMENT DE CRENEAUX DE DONNEES A VITESSE FIXE
(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(72) HEKSTRA-NOWACKA, Ewa, B.; 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ H04J 4/00, H04L 27/30
(11) WO 02/078231 (13) A1
(21) PCT/US02/04928
(22) 20 Feb/fév 2002 (20.02.2002)
(25) en (26) en
(30) 09/813,015 21 Mar/mar 2001 US (21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • COMMUNICATION DEVICE HAVING PROXIMITY CONTROLLED TRANSMISSION
• DISPOSITIF DE COMMUNICATION CAPABLE D'EFFECTUER DES TRANSMISSIONS A COMMANDE DE PROXIMITE
(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
(72) GLEESON, John, K.; 846 NE 78th Street, Boca Raton, FL 33487 (US).

(74) FULLER, Andrew, S. et al. / etc.; 8000 West Sunrise 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04J 11/00, H04L 27/10

(11) WO 02/078232 (13) A1

(21) PCT/KR02/00493

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 2001/15640 26 Mar/mar 2001 KR (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DATA COMMUNICATION APPARATUS AND METHOD BASED ON ORTHOGONAL FREQUENCY DIVISION MULTIPLE ACCESS

• APPAREIL ET PROCEDE DE COMMUNICATION DE DONNEES BASES SUR L'ACCES MULTIPLE PAR REPARTITION ORTHOGONALE DE FREQUENCE (OFDMA)

(71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do 442-373 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Yung-Soo [KR/KR]; 109-2401 Kachi Macul 1-danji, Daewoo Apt., 77 Migeum-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-510 (KR).

(74) LEE, Young-Pil; The Cheonghwa Building, 1571-18, Seocho-dong, Seocho-gu, Seoul 137-874 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04K

(11) WO 02/078233 (13) A2

(21) PCT/EP02/03306

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 01610031.5 26 Mar/mar 2001 EP (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR THE PRODUCTION OF A HEARING AID HOUSING AND A HEARING AID

• PROCEDE DE PRODUCTION D'UN BOITIER POUR PROTHESE AUDITIVE ET PROTHESE AUDITIVE CORRESPONDANTE

(71) WIDEX A/S [DK/DK]; Ny Vestergaardsvej 25, DK-3500 Varlose (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOPHOLM, Jan [DK/DK]; Paradisvænget 17, DK-2840 Holte (DK).

(74) RINDORF, Hans, Jorgen; Widex A/S, Ny Vestergaardsvej 25, DK-3500 Varlose (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 :

(t) for all designations / pour toutes les désignations

(51)⁷ H04K 1/00

(11) WO 02/078234 (13) A1

(21) PCT/US02/08844

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,049 22 Mar/mar 2001 US (22.03.2001)

(30) 09/895,867 28 Jun/juin 2001 US (28.06.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • QUANTIZATION-BASED DATA HIDING EMPLOYING CALIBRATION AND LOCALLY ADAPTIVE QUANTIZATION

• OCCULTATION DE DONNEES BASEE SUR UNE QUANTIFICATION ET METTANT EN APPLICATION UN ETALONNAGE ET UNE QUANTIFICATION ADAPTATIVE LOCALEMENT

(71) DIGIMARC CORPORATION [US/US]; 19801 SW 72nd Avenue, Suite 100, Tualatin, OR 97062 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STACH, John [US/US]; 4800 SW Saum Way, Tualatin, OR 97062 (US). BRUNK,

Hugh, L. [US/US]; 2871 SE Kelly St., Portland, OR 97202 (US). SHARMA, Ravi, K. [IN/US]; 2557 NW Overlook Drive, Apt. 536, Hillsboro, OR 97124 (US).

(74) MEYER, Joel, R.; Digimarc Corporation, 19801 SW 72nd Avenue, Suite 100, Tualatin, OR 97062 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04L

(11) WO 02/078235 (13) A2

(21) PCT/DE02/01009

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 101 14 322.2 23 Mar/mar 2001 DE (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • KEY ARRANGEMENT FOR A MOBILE COMMUNICATIONS DEVICE

• DISPOSITION DE TOUCHES SUR UN APPAREIL DE COMMUNICATION MOBILE

(71) SIEMENS BUSINESS SERVICES GMBH & CO. OHG [DE/DE]; Otto-Hahn-Ring 6, 81739 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOHENSOHN, Heidi [DE/DE]; Hinterten Knicken 24, 33154 Salzkotten (DE).

(74) SIEMENS BUSINESS SERVICES GMBH & CO. OHG; Berg, Peter, 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 CH CY DE DK ES FI FR GB GR IE 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) (u) for / pour US only / seulement

- (51)⁷ H04L
- (11) WO 02/078236 (13) A2
- (21) PCT/IB02/02107
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (30) 0107633.0 27 Mar/mar 2001 GB (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • A COMMUNICATION SYSTEM
 - SYSTEME DE COMMUNICATION
- (71) NOKIA CORPORATION [FI/FI]; Keilahdentie 4, FIN-02150 Espoo (FI). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VIRTANEN, Anu [FI/FI]; Riistatie 3 AS. 0, FIN-02900 Espoo (FI).
- (74) PAGE WHITE & FARRER et al. / etc.; 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 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 H04L
- (11) WO 02/078237 (13) A2
- (21) PCT/KR01/00458
- (22) 22 Mar/mar 2001 (22.03.2001)
- (25) en (26) en
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR TRANSMITTING MULTIMEDIA WIRELESS DATA TO A HOST SYSTEM
 - PROCEDE DE TRANSMISSION DE DONNEES SANS FIL MULTIMEDIA A UN SYSTEME HOTE
- (71) SEJIN ELECTRON INC. [KR/KR]; 60-19, Kasan-Dong, Keumchon-Gu, Seoul 153-801 (KR). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHUNG, Sun, A. [KR/KR]; 60-19, Kasan-Dong, Keumchon-Gu, Seoul 153-801 (KR). LEE, Keun-Seok [KR/KR]; 60-19, Kasan-Dong, Keumchon-Gu, Seoul 153-801 (KR). KIM, Byung-Tae [KR/KR]; 60-19, Kasan-Dong, Keumchon-Gu, Seoul 153-801 (KR).
- (74) JANG, Seong, Ku; KEC Building 17th Floor, 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 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.

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
- (11) WO 02/078238 (13) A2
- (21) PCT/US02/10030
- (22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
- (30) 60/279,287 27 Mar/mar 2001 US (27.03.2001)
- (30) 60/306,490 18 Jul/juil 2001 US (18.07.2001)
- (30) 60/309,340 31 Jul/juil 2001 US (31.07.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DISTRIBUTED, SCALABLE CRYPTOGRAPHIC ACCES CONTROL
 - COMMANDE D'ACCES CRYPTOGRAPHIQUE EVOLUTIVE NON CENTRALISEE
- (71) XDEGREES, INC. [US/US]; 2307 Leghorn Street, Mountain View, CA 94043 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOYEN, Xavier [Stateless / apatriote/US]; 1939 Rock Street, #19, Mountain View, CA 94043 (US). QIAN, Zhenyu [Stateless / apatriote/US]; 11592 Bridge Park Ct., Cupertino, CA 95014 (US). TEODOSIU, Dan [US/US]; 4151 #E El Camino Way, Palo Alto, CA 94305-4035 (US).
- (74) AUYEUNG, Aloysius, T., C. et al. / etc.; Columbia IP Law Group, PC, Suite 820, 10260 SW Greenburg Road, 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 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).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN 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 CH CY DE DK ES FI FR GB GR IE 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 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 CH CY DE DK ES FI FR GB GR IE 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 H04L
- (11) WO 02/078239 (13) A2
- (21) PCT/US02/07790
- (22) 5 Mar/mar 2002 (05.03.2002)
- (25) en (26) en
- (30) 09/810,932 16 Mar/mar 2001 US (16.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND APPARATUS FOR TRANSMISSION LINE ANALYSIS
 - PROCEDE ET APPAREIL D'ANALYSE D'UNE LIGNE DE TRANSMISSION
- (71) CONEXANT SYSTEMS, INC. [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660 (US).
- (72) JONES, Keith, R.; 16749 Vista Summit Drive, Ramona, CA 92065 (US). JONES, William, W.; 12501 Heatherton Court, #76, San Diego, CA 92128 (US). JONSSON, Ragnar, H.; Breidavik 39, ib 203, IS-112 Reykjavik (IS).
- (74) MILLER, Chad, W.; Weide & Miller, Ltd., 330 S. 3rd Street, Suite 1130, Las Vegas, NV 89101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/078240 (13) A2
- (21) PCT/US02/09207
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 60/278,557 23 Mar/mar 2001 US (23.03.2001)
- (30) 10/105,775 21 Mar/mar 2002 US (21.03.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PDSTUDIO DESIGN SYSTEM AND METHOD
 - SYSTEME ET PROCEDE DE CONCEPTION D'UN ATELIER DE DEVELOPEUR DE POLITIQUE DE SECURITE
- (71) SECURIFY, INC. [US/US]; 1157 San Antonio Road, Mountain View, CA 94043 (US).

- (72) VALENTE, Luis, Filipe, Pereira; 2903 SeyvsonCourt, Palo Alto, CA 94303 (US). GUZIK, John, R.; 163 Noyo Drive, San Jose, CA 95123 (US). PEARCY, Derek, P.; 250 Del Medio Avenue #109, Mountain View, CA 94040 (US).
- (74) GLENN, Michael et al. / etc.; Glenn Patent Group, Suite L., 3475 Edison Way, Menlo Park, CA 94025 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04L 1/00, H04B 7/005
(11) WO 02/078241 (13) A1
(21) PCT/IB02/00483
(22) 18 Feb/fév 2002 (18.02.2002)
(25) en (26) en
(30) 0107578.7 27 Mar/mar 2001 GB (27.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • RADIO COMMUNICATION SYSTEM
• SYSTEME DE RADIOCOMMUNICATION
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) BAKER, Matthew, P., J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). MOULSLEY, Timothy, 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) 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 H04L 1/00, 12/28, G06F 1/32, H04L 1/18
(11) WO 02/078242 (13) A1
(21) PCT/US01/31298
(22) 4 Oct/oct 2001 (04.10.2001)
(25) en (26) en
(30) 09/816,706 23 Mar/mar 2001 US (23.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • MECHANISM TO STRIP LARQ HEADER AND REGENERATE FCS TO SUPPORT SLEEP MODE WAKE UP
• MECANISME D'ELIMINATION DES EN-TETES LARQ ET DE REGENERATION DE LA SEQUENCE FCS POUR ASSURER L'ACTIVATION ET L'ABANDON DU MODE SOMMEIL
- (71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).
- (72) CHOW, Peter, Ka-Fai; 1416 Maxwell Way, San Jose, CA 95131 (US).
- (74) RODDY, Richard, J.; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 H04L 1/16, 1/00, 27/00
(11) WO 02/078243 (13) A1
(21) PCT/JP02/02456
(22) 15 Mar/mar 2002 (15.03.2002)
(25) ja (26) ja
(30) 2001-78467 19 Mar/mar 2001 JP (19.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • PACKET TRANSMISSION SYSTEM AND PACKET TRANSMISSION METHOD
• SYSTEME ET PROCEDE DE TRANSMISSION PAR PAQUETS
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UESUGI, Mitsuru [JP/JP]; 17-1-402, Anjindai, Yokosuka-shi, Kanagawa 238-0048 (JP). MIYOSHI, Kenichi [JP/JP]; 11-4-1305, Nokendaihigashi, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0058 (JP).
- (74) WASHIDA, Kimihito; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 : (a)
- (51)⁷ H04L 5/14, 27/26
(11) WO 02/078244 (13) A1
(21) PCT/US02/09411
(22) 27 Mar/mar 2002 (27.03.2002)
- (25) en (26) en
(30) 60/278,936 27 Mar/mar 2001 US (27.03.2001)
(30) 60/283,467 12 Apr/avr 2001 US (12.04.2001)
(30) 60/287,968 1 May/mai 2001 US (01.05.2001)
(30) 60/293,034 23 May/mai 2001 US (23.05.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • RECEIVER TRANSPARENT Q-MODE
• MODE Q TRANSPARENT POUR UN RECEPTEUR
- (71) AWARE, Inc. [US/US]; 40 Middlesex Turnpike, Bedford, MA 01730 (US).
- (72) TZANNES, Marcos, C.; 121 LaEspiral, Orinda, CA 94563 (US). FRIEDMANN, Arnon; 64 Simmons Street, Marlboro, MA 01752 (US).
- (74) VICK, Jason, H.; Nixon Peabody LLP, 8180 Greensborpo 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 CH CY DE DK ES FI FR GB GR IE 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 02/078245 (13) A1
(21) PCT/US02/06628
(22) 5 Mar/mar 2002 (05.03.2002)
(25) en (26) en
(30) 09/813,708 21 Mar/mar 2001 US (21.03.2001)
(43) 3 Oct/oct 2002 (03.10.2002)
(54) • TIMING SYNCHRONIZATION IN A COMMUNICATION DEVICE
• SYNCHRONISATION TEMPORELLE DANS UN DISPOSITIF DE COMMUNICATION
- (71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) RINDERKNECHT, William, J.; 173 North Oltendorf Road, Streamwood, IL 60107 (US). SCHOOLER, Anthony; 210 Faircroft Road, Bartlett, IL 60103 (US). ANDREWS, Kevin, M.; 2321-81st Street, Kenosha, WI 53143 (US). KIM, Yun; 1840 Huntington Blvd., Apt. 515, Hoffman Estates, IL 60195 (US).
- (74) VAAS, Randall, S. et al. / etc.; 600 North US Highway 45, AN475, Libertyville, IL 60048 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ 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
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ H04L 9/00
(11) WO 02/078246 (13) A2
(21) PCT/DE02/00877
(22) 12 Mar/mar 2002 (12.03.2002)
(25) de (26) de
(30) 10114157.2 22 Mar/mar 2001 DE
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • METHOD FOR THE COMPUTER-AS-
SISTED PRODUCTION OF PUBLIC
KEYS FOR ENCODING INFORMA-
TION AND DEVICE FOR CARRYING
OUT SAID METHOD
• PROCEDE DE PRODUCTION, AS-
SISTE PAR ORDINATEUR, DE CLES
PUBLIQUES POUR LE CRYPTAGE
D'INFORMATIONS, ET DISPOSITIF
POUR LA MISE EN OEUVRE DE CE
PROCEDE

(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) MERZENICH, Klaus [DE/DE]; Feldstr.
9a, 64319 Pfungstadt (DE).

(74) DEUTSCHE TELEKOM AG;
Rechtsabteilung (Patente) PA1, 64307
Darmstadt (DE).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ H04L 9/00
(11) WO 02/078247 (13) A2
(21) PCT/DE02/00999
(22) 20 Mar/mar 2002 (20.03.2002)
(25) de (26) de
(30) 101 14 034.7 22 Mar/mar 2001 DE
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR THE TRANSMISSION
OF ENCODED INFORMATION
• PROCEDE DE TRANSMISSION D'IN-
FORMATIONS CODEES

(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) SCHEPERS, Heiner [DE/DE];
Kranckestr. 8, 30161 Hannover (DE).
BERTRAM, Gerold [DE/DE]; Rintelner-
strasse 17, 30459 Hannover (DE). SCHOLZ,
Maik [DE/DE]; Unter den Weiden 18, 31185
Feldbergen (DE).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE).

(51)⁷ H04L 9/00, G06K 19/073, G06F 12/14
(11) WO 02/078248 (13) A1
(21) PCT/JP02/02316
(22) 12 Mar/mar 2002 (12.03.2002)
(25) ja (26) ja
(30) 2001-82054 22 Mar/mar 2001 JP
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PORTABLE INFORMATION STORAGE
MEDIUM AND ITS AUTHENTIFI-
CATION METHOD
• SUPPORT DE MEMORISATION D'IN-
FORMATION PORTABLE ET SON PRO-
CEDE D'IDENTIFICATION

(71) DAI NIPPON PRINTING CO., LTD.
[JP/JP]; 1-1, Ichigaya-kaga-cho 1-chome,
Shinjuku-ku, Tokyo 162-8001 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) Shinriki, Tetsuo [JP/JP]; c/o Dai Nippon
Printing Co., Ltd., 1-1, Ichigaya-kaga-cho
1-chome, Shinjuku-ku, Tokyo 162-8001
(JP). IRISAWA, Kazuyoshi [JP/JP]; c/o
Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-
kaga-cho 1-chome, Shinjuku-ku, Tokyo
162-8001 (JP). SHIBATA, Naoto [JP/JP];
c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-
kaga-cho 1-chome, Shinjuku-ku, Tokyo
162-8001 (JP).

(74) SHIMURA, Hiroshi; Belle Sierra Bldg.,
6-1, Minamikamata 2-chome, Ohta-ku,
Tokyo 144-0035 (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 H04L 9/32
(11) WO 02/078249 (13) A1
(21) PCT/SG01/00051
(22) 23 Mar/mar 2001 (23.03.2001)
(25) en (26) en
(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF USING BIOMETRIC IN-
FORMATION FOR SECRET GENERA-
TION
• PROCEDE D'UTILISATION DE DON-
NEES BIOMETRIQUES POUR LA
CREATION DE SECRET

(71) KENT RIDGE DIGITAL LABS [SG/SG];
21, Heng Mui Keng Terra, Singapore 119613
(SG).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WU, Yong, Dong [CN/CN]; Block 10,
Ghim Moh Road, #13-80, Singapore 270010
(CN).

(74) GREENE-KELLY, James, Patrick; Lloyd
Wise, Tanjong Pagar, P.O. Box 363, Singa-
pore 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 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 H04L 12/00
(11) WO 02/078250 (13) A2
(21) PCT/CA02/00424
(22) 27 Mar/mar 2002 (27.03.2002)
(25) en (26) en
(30) 60/279,099 27 Mar/mar 2001 US
(27.03.2001)
(30) 10/025,496 26 Dec/déc 2001 US
(26.12.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HIGH AVAILABILITY PACKET
FORWARDING APPARATUS AND
METHOD
• APPAREIL ET PROCEDE D'ACHEMI-
NEMENT DE PAQUETS A HAUTE DIS-
PONIBILITE

(71) NORTEL NETWORKS LIMITED
[CA/CA]; 2351 Boulevard Alfred-Nobel,
St. Laurent, Québec H4S 2A9 (CA).

(72) PEGRUM, Scott, S.; 34 Nanaimo Drive,
Nepean, Ontario K2H 6Y3 (CA). YUEN,
Matthew, M.; 1524 Blohm Drive, Ottawa,
Ontario K1G 4P4 (CA). OULD-BRAHIM,
Nabila; 21 Wynridge Place, Kanata, Ontario
K2M 2S8 (CA).

(74) WOOD, Max, R. et al. / etc.; OGLIVY RE-
NAULT, 1981 McGill College Avenue, Suite
1600, Montreal, Québec H3A 2Y3 (CA).

(81) CA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ H04L 12/00
(11) WO 02/078251 (13) A2
(21) PCT/DE02/00850
(22) 11 Mar/mar 2002 (11.03.2002)
(25) de (26) de
(30) 101 14 390.7 22 Mar/mar 2001 DE
(22.03.2001)
(30) 101 41 187.1 22 Aug/août 2001 DE
(22.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELECTRONIC SWITCHING CIRCUIT
AND METHOD FOR A COMMUNI-
CATION INTERFACE WITH BUFFER
STORAGE
• CIRCUIT DE COMMUTATION ELEC-
TRONIQUE ET PROCEDE DESTINES
A UNE INTERFACE DE COMMUNICA-
TION AVEC MEMOIRE TAMPON IN-
TERMEDIAIRE

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GÖTZ, Franz-Josef [DE/DE]; Laibstadt
48, 91180 Heideck (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) (u) for / pour US only / seulement

(51)⁷ H04L 12/00

(11) WO 02/078252 (13) A2

(21) PCT/DE02/00854

(22) 11 Mar/mar 2002 (11.03.2002)

(25) de (26) de

(30) 101 14 391.5 22 Mar/mar 2001 DE (22.03.2001)

(30) 101 41 424.2 23 Aug/août 2001 DE (23.08.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ELECTRONIC SWITCHING CIRCUIT AND METHOD FOR A COMMUNICATION INTERFACE HAVING A CUT-THROUGH BUFFER MEMORY

• CIRCUIT ELECTRONIQUE ET PROCEDE POUR INTERFACE DE COMMUNICATION A MEMOIRE TAMPON PSEUDO-TRANSIT

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GÖTZ, Franz-Josef [DE/DE]; Laibstadt 48, 91180 Heideck (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) (u) for / pour US only / seulement

(51)⁷ H04L 12/00

(11) WO 02/078253 (13) A2

(21) PCT/GB02/01104

(22) 12 Mar/mar 2002 (12.03.2002)

(25) en (26) en

(30) 0107638.9 27 Mar/mar 2001 GB (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ACCESS NETWORKS

• RESEAUX D'ACCES

(71) MARCONI COMMUNICATIONS LIMITED [GB/GB]; New Century Park, P.O. Box 53, Coventry CV3 1HJ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARDY, William, Geoffrey [GB/GB]; 87 Monks Road, Binley Woods, Coventry CV3 2BQ (GB). GRANDI, Vittorio

[GB/GB]; 31 Station Avenue, Tile Hill, Coventry CV4 9HR (GB).

(74) COLLIER, Ian, Terry; Marconi Intellectual Property, Marrable House, The Vineyards, Great Baddow, Chelmsford, Essex CM2 7QS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 12/00

(11) WO 02/078254 (13) A2

(21) PCT/US02/05858

(22) 21 Feb/fév 2002 (21.02.2002)

(25) en (26) en

(30) 09/816,344 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODOLOGY AND MECHANISM FOR REMOTE KEY VALIDATION FOR NGIO/INFINIBAND™ APPLICATIONS

• METHODOLOGIE ET MECANISME DESTINES A LA VALIDATION DE TOUCHE A DISTANCE DANS DES APPLICATIONS NGIO/INFINIBAND™

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

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(72, 75) PARTHASARATHY, Balaji [IN/US]; 5 NE Tandem Way, #110, Hillsboro, OR 97124 (US). LEITNER, Brian, M. [US/US]; 1293 NE Platt Street, Hillsboro, OR 97124 (US). GASBARRO, Dominic, J. [US/US]; 804 Roxe Drive, Forest Grove, OR 97116 (US).

(74) SKWIERAWSKI, Paul, J. et al. / etc.; Antonelli, Terry, Stout & Kraus LLP, Suite 1800, 1300 North Seventeenth Street, Arlington, VA 22209 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 12/00

(11) WO 02/078255 (13) A2

(21) PCT/US02/08692

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en

(26) en

(30) 09/816,709 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR RECEIVING INTERLEAVED STREAMS OF PACKETS THROUGH A CIRCULAR BUFFER

• PROCEDE ET APPAREIL DESTINES A RECEVOIR DES FLUX ENTRELACES DE PAQUETS VIA UN TAMPON CIRCULAIRE

(71) B2C2, INC. [US/US]; 1250 Marina Village Parkway, Alameda, CA 94501 (US).

(72) CARDOSO, Augusto; 578 Forest Street #4, Oakland, CA 94618 (US).

(74) PARK, Richard; Park, Vaughan & Fleming LLP, 508 2nd Street, Suite 201, Davis, CA 95616 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 12/14

(11) WO 02/078256 (13) A1

(21) PCT/FI02/00246

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 20010604 23 Mar/mar 2001 FI (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROXY FOR CONTENT SERVICE

• MANDATAIRE POUR SERVICE DE CONTENU

(71) NIXU OY [FI/FI]; Mäkelänkatu 91, FIN-00610 Helsinki (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PIPONIUS, Toni [FI/FI]; PL 661, FIN-00101 Helsinki (FI). AARNIO, Lauri [FI/FI]; Taivaanvuohentie 4 B 23, FIN-00200 Helsinki (FI). KIRAVUO, Timo [FI/FI]; Hakolahdentie 38 A 1, FIN-00200 Helsinki (FI). LEHTOVAARA, Riitta [FI/FI]; Otavantie 2 A 4, FIN-00200 Helsinki (FI). SILVENNOINEN, Tero [FI/FI]; Niemenmäenkuja 1 F, FIN-00350 Helsinki (FI). KARI, Hannu [FI/FI]; Itätulentie 6, FIN-02880 Veikkola (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O.Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI

(Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04L 12/14

(11) WO 02/078257 (13) A1

(21) PCT/NL02/00205

(22) 28 Mar/mar 2002 (28.03.2002)

(25) en (26) en

(30) 0107753.6 28 Mar/mar 2001 GB (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DATA PROCESSING SYSTEM FOR TIMING THE DURATION OF A SESSION

• PROCEDE ET SYSTEME DE TRAITEMENT DE DONNEES POUR LE CHRONOMETRAGE DE LA DUREE D'UNE SESSION

(71) ELECTRONIC, MOBILE AND GEOGRAPHIC B.V. [NL/NL]; Koningslaan 34, NL-1075 AD Amsterdam (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ELGRABLY, Eric [MA/MA]; Casablanca (MA).

(74) JORRITSMA, Ruurd; Nederlandsch Oecrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS THE HAGUE (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04L 12/18, 29/06

(11) WO 02/078258 (13) A2

(21) PCT/US02/07200

(22) 8 Mar/mar 2002 (08.03.2002)

(25) en (26) en

(30) 60/274,398 8 Mar/mar 2001 US (08.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • EFFICIENT LARGE SCALE BROADCASTING ON LOCAL AREA NETWORKS SERVED BY HIGH SPEED

TERRESTRIAL OR SATELLITE COMMUNICATION LINKS

• RADIODIFFUSION A GRANDE ECHELLE EFFICACE DANS DES RESEAUX LOCAUX SERVIS PAR DES LIAISONS DE COMMUNICATIONS TERRESTRES OU PAR SATELLITE A GRANDE VITESSE

(71) DESKTOP TV, INC. [US/US]; 130 West Union Street, Pasadena, CA 91103 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AHN, Myron [US/US]; 50-B Peninsula Center Drive #329, Rolling Hills Estates, CA 90274 (US). MORISON, Rodney [US/US]; 1272 E. Calaveras St., Altadena, CA 91001 (US).

(74) NATAUPSKY, Steven, J.; KNOBBE, MARTENS, OLSON AND BEAR, LLP, 620 Newport Center Drive, 16th Floor, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 12/22

(11) WO 02/078259 (13) A1

(21) PCT/US01/09581

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DYNAMIC CONTENT CERTIFICATION

• CERTIFICATION DYNAMIQUE D'UN CONTENU

(71) GEO TRUST, INC. [US/US]; 700 N.E. Mulnomah, Suite 1650, Portland, OR 97232 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COULTHARD, Christopher, M. [GB/US]; 88 Park Avenue #402, Arlington, MA 02476 (US). MCLEOD, Scott, C. [US/US]; 24 Carriage Drive, Chelmsford, MA 01824 (US). NORMAN, Peter, D. [US/US]; 56 Palmer Street, Arlington, MA 02174 (US). WILLOUGHBY, Kevin [US/US]; 10 Church Street, Framingham, MA 07102 (US).

(74) CANNAVALE, Stephen; Goodwin Procter LLP, 7 Becker Farm Road, Roseland, NJ 07068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK

LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY 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 H04L 12/24, 12/52, H04Q 11/04

(11) WO 02/078260 (13) A1

(21) PCT/SE02/00521

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 0101036-2 23 Mar/mar 2001 SE (23.03.2001)

(30) 0102075-9 12 Jun/juin 2001 SE (12.06.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND ARRANGEMENT FOR AUTOMATIC CONFIGURATION OF NODE IN A TIMESLOT ORIENTED NETWORK

• PROCEDE ET DISPOSITIF DE CONFIGURATION AUTOMATIQUE DE NOEUD DANS UN RESEAU ORIENTE INTERVALLE DE TEMPS

(71) TELEFONAKTIEBOLAG L M ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(71) WALDENFJORD, Märten [SE/SE]; Drevkarlstigen 2, S-192 53 Sollemtuna (SE).

(only for / seulement pour US)

(72, 75) YASSARATI, Akbar [SE/SE]; Bankvägen 6, S-191 47 Sollemtuna (SE).

(74) ALBIHNS STOCKHOLM AB; P O Box 5581, S-114 85 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 12/26, 12/24

(11) WO 02/078261 (13) A1

(21) PCT/IB02/02076

(22) 26 Feb/fév 2002 (26.02.2002)

(25) en (26) en

(30) 0104973.3 28 Feb/fév 2001 GB (28.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • QUALITY OF SERVICE MONITOR

- MODULE DE SURVEILLANCE DE QUALITÉ DE SERVICE
- (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) **RAISANEN, Vilho** [FI/FI]; Gyldenintie 8 A 20, FIN-00200 Helsinki (FI).
- (74) **BOAKES, J., Carrington 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 CH CY DE DK ES FI FR GB GR IE 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 12/26**
- (11) **WO 02/078262** (13) A1
- (21) PCT/US02/08902
- (22) **21 Mar/mar 2002 (21.03.2002)**
- (25) en (26) en
- (30) 09/815,557 **22 Mar/mar 2001 US (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND SYSTEM FOR REDUCING FALSE ALARMS IN NETWORK FAULT MANAGEMENT SYSTEMS
- PROCEDE ET SYSTEME DESTINES A REDUIRE LE NOMBRE DE FAUSSES ALARMES DANS DES SYSTEMES DE GESTION DES ANOMALIES EN RESEAU
- (71) **MICROMUSE, INC.** [US/US]; 139 Townsend Street, San Francisco, CA 94107 (US).
- (72) **STEINBERG, Louis, A.**; 14 Douglas Lane, New Fairfield, CT 06812 (US). **WETSTONE, Evan, R.**; 4946 Mill Stream Court, Dunwoody, GA 30338 (US). **BELOUSOV, Arkadiy**; 53 Riverside Avenue, Stamford, CT 06905 (US). **DEUEL, John**; 145 Cedar Lane, Ossining, NY 10562 (US).
- (74) **OSTROW, Seth, H.**; Brown Raysman Millstein Felder & Steiner, LLP, 900 Third Avenue, New York, NY 10022 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY 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).
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- (51)⁷ **H04L 12/28**
- (11) **WO 02/078263** (13) A1
- (21) PCT/CN02/00184
- (22) **21 Mar/mar 2002 (21.03.2002)**
- (25) zh (26) zh
- (30) 01111023.6 **22 Mar/mar 2001 CN (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND SYSTEM FOR MULTICASING CYCLE TRANSMISSION DATA IN DATA NETWORK
- PROCEDE ET SYSTEME PERMETTANT LA TRANSMISSION CYCLIQUE MULTI-DIFFUSION DE DONNEES DANS UN RESEAU DE DONNEES
- (71, 72) **GU, Hongbo** [CN/CN]; No.615, 36 Building, Bagua Third Road, Shenzhen, Guangdong 518000 (CN).
- (74) **LUNGTIN INT'L PATENT & TRADE-MARK 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ **H04L 12/28**
- (11) **WO 02/078264** (13) A2
- (21) PCT/DE02/00852
- (22) **11 Mar/mar 2002 (11.03.2002)**
- (25) de (26) de
- (30) 101 14 389.3 **22 Mar/mar 2001 DE (22.03.2001)**
- (30) 101 47 432.6 **26 Sep/sep 2001 DE (26.09.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND ELECTRONIC SWITCHING CIRCUIT FOR A SCALABLE COMMUNICATION INTERFACE IN AUTOMATION COMPONENTS
- PROCEDE ET CIRCUIT ELECTRONIQUE POUR INTERFACE DE COMMUNICATION DANS DES COMPOSANTS D'AUTOMATISATION
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FRANKE, Michael** [DE/DE]; Naturbadstr. 2 a, 91056 Erlangen (DE). **KIESEL, Martin** [DE/DE]; Jahnstr. 36, 91099 Poxdorf (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
(u) for / pour US only / seulement
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- (51)⁷ **H04L 12/28, 12/56, 12/24**
- (11) **WO 02/078265** (13) A1
- (21) PCT/EP01/03407
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CONFIGURATION METHOD AND SYSTEM
- PROCEDE ET SYSTEME DE CONFIGURATION
- (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) **LATVAKOSKI, Juhani** [FI/FI]; Vörkkelipiha 4, FIN-90830 Haukipudas (FI). **KOSKELA, Marko** [FI/FI]; Candelinintie 4B7, FIN-90570 Oulu (FI).
- (74) **ASSOCIATION NO. 15**; Eisenführ, Speiser & Partner, Arnulfstrasse 25, 80335 Munich (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H04L 12/28**
- (11) **WO 02/078266** (13) A1
- (21) PCT/JP02/02827
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) ja (26) ja
- (30) 2001-87481 **26 Mar/mar 2001 JP (26.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • POWER SUPPLY CONTROL APPARATUS
- APPAREIL DE COMMANDE D'ALIMENTATION
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MUNEZANE, Toshikazu** [JP/JP]; 1-24-3-1114, Senriyamatakezono, Suita, Osaka 565-0852 (JP).

(74) OKAMOTO, Yoshiki; c/o YASUDA & OKAMOTO, Shori Building, 7-7-19, Takaidahondori, Higasi-Osaka, Osaka 577-0066 (JP).

(81) CN KR US.

(84) EP (DE FR GB).

(51)⁷ H04L 12/28, 29/08

(11) WO 02/078267 (13) A1

(21) PCT/SE02/00556

(22) 21 Mar/mar 2002 (21.03.2002)

(25) sv (26) en

(30) 0101007-3 22 Mar/mar 2001 SE (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A METHOD OF COMMUNICATION BETWEEN A FIRST COMPUTER DEVICE AND A SECOND COMPUTER DEVICE; VIA A THIRD DEVICE

• PROCÉDÉ DE COMMUNICATION ENTRE UN PREMIER ORDINATEUR ET UN SECOND ORDINATEUR PAR L'INTERMÉDIAIRE D'UN TROISIÈME ORDINATEUR

(71) COLUMBITECH AB [SE/SE]; Box 38173, S-100 64 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RESENIUS, Lars [SE/SE]; Skalkvägen 1, S-128 69 Sköndal (SE). LAVÉN, Lars [SE/SE]; Kjulauddsvägen 2 A, S-183 60 Täby (SE).

(74) KARLSSON, Leif et al. / etc.; c/o. Groth & Co. KB, P.O. Box 6107, S-102 32 Stockholm (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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) (u) for / pour US only / seulement

(51)⁷ H04L 12/28, 29/08

(11) WO 02/078268 (13) A1

(21) PCT/SE02/00557

(22) 21 Mar/mar 2002 (21.03.2002)

(25) sv (26) en

(30) 0101008-1 22 Mar/mar 2001 SE (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF COMMUNICATION THROUGH A FIREWALL

• PROCÉDE DE COMMUNICATION A TRAVERS UN COUPE-FEU

(71) COLUMBITECH AB [SE/SE]; Box 38173, S-100 64 Stockholm (SE).

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(72, 75) RESENIUS, Lars [SE/SE]; Skalkvägen 1, S-128 69 Sköndal (SE). LAVÉN, Lars [SE/SE]; Kjulauddsvägen 2 A, S-183 60 Täby (SE).

(74) GROTH & CO. KB; Box 6107, S-102 32 Stockholm (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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) (u) for / pour US only / seulement

(51)⁷ H04L 12/28, 12/56, 12/66, H04J 1/00, 3/12, G06F 13/00, H04M 11/00

(11) WO 02/078269 (13) A1

(21) PCT/US02/07840

(22) 13 Mar/mar 2002 (13.03.2002)

(25) en (26) en

(30) 09/815,840 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM AND METHOD FOR EXTENDING THE RANGE OF XDSL SERVICES

• SYSTEME ET PROCÉDE PERMETTANT D'ETENDRE LA PORTEE DE SERVICES XDSL

(71) RAD DATA COMMUNICATIONS LTD. [IL/IL]; 24 Raoul Wellenberg St., Ziv Tower, 69719 Tel Aviv (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SILBERMAN, Hugo [IL/IL]; 12 Hakalanio St., Kefar Sirkin (IL). EITANE, Tsvi, Henri [IL/IL]; 13 Jabotinsky St., Notanva (IL). STEIN, Yaakov [US/IL]; 11 Moshe Kol St., Jerusalem (IL).

(74) HELFGOTT, Samson et al. / etc.; Rosenman & Colin LLP, 575 Madison Avenue, New York, NY 10022-2585 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04L 12/46

(11) WO 02/078270 (13) A1

(21) PCT/JP02/02126

(22) 7 Mar/mar 2002 (07.03.2002)

(25) ja (26) ja

(30) 2001-71366 14 Mar/mar 2001 JP (14.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ROUTER APPARATUS AND BAND CONTROL METHOD THEREOF

• APPAREIL DE ROUTAGE ET PROCÉDE DE REGULATION DE LA BANDE DUDIT APPAREIL

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIYASHITA, Shigehiro [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP).

(74) YAMASHITA, Johei; YAMASHITA & ASSOCIATES, Toranomom 40th Mori Bldg., 13-1, Toranomom 5-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CA 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 H04L 12/56, 12/28, 29/06, G06F 9/46

(11) WO 02/078271 (13) A1

(21) PCT/GB02/01219

(22) 15 Mar/mar 2002 (15.03.2002)

(25) en (26) en

(30) 01302654.7 21 Mar/mar 2001 EP (21.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ROUTING METHOD AND MOBILE AGENT FOR COMMUNICATION IN DYNAMIC NETWORKS
- PROCEDE DE ROUTAGE ET AGENT MOBILE PERMETTANT UNE COMMUNICATION SUR DES RESEAUX DYNAMIQUES
- (71) **BRITISH TELECOMMUNICATIONS public limited company** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
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- (72, 75) **SAFFRE, Fabrice, Tristan, Pierre** [BE/GB]; 24 Wilkes Court, Suffolk, IP5 2EQ (GB). **GHANEA-HERCOCK, Robert, Alan** [GB/GB]; 140 Dover Road, Ipswich IP3 8JJ (GB).
- (74) **ROBINSON, Simon, Benjamin**; BT Group Legal Services, Intellectual Property Dept., 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 12/56, 12/46, H04Q 7/38**
- (11) **WO 02/078272** (13) A1
- (21) PCT/SG01/00050
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • A METHOD AND SYSTEM FOR PROVIDING BRIDGED MOBILE AD-HOC NETWORKS
- PROCEDE ET SYSTEME DE FOURNITURE DE RESEAUX SPECIAUX MOBILES PONTES
- (71) **KENT RIDGE DIGITAL LABS** [SG/SG]; 21 Heng Mui Keng Terrace, Singapore 119613 (SG).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PILLAI, Radhakrishna Pillai Raghavan** [IN/SG]; Block 218, Petir Road #08-373, Singapore 670218 (SG). **BISWAS, Jit** [IN/SG]; Block 111, Clementi Street 13 #04-42, Singapore 120111 (SG). **ZHOU, Luying** [CN/SG]; Block 513, West Coast Road, #08-489, Singapore 120513 (SG). **TEO, Eng, Hwa** [MY/SG]; Block 16, Holland Drive #02-182, Singapore 271016 (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 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).
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- (51)⁷ **H04L 12/56, 29/06**
- (11) **WO 02/078273** (13) A1
- (21) PCT/US01/31210
- (22) **4 Oct/oct 2001 (04.10.2001)**
- (25) en (26) en
- (30) 09/814,812 **23 Mar/mar 2001 US (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • TAG GENERATION BASED ON PRIORITY OR DIFFERENTIATED SERVICES INFORMATION
- CREATION D'ETIQUETTES SUR LA BASE DE PRIORITES OU D'INFORMATIONS DE SERVICES DIFFERENTIES
- (71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).
- (72) **CHOW, Peter, Ka-Fai**; 1416 Maxwell Way, San Jose, CA 95131 (US). **TZENG, Shr-Jie**; 34263 Mimosas Terrace, Fremont, CA 94555 (US).
- (74) **RODDY, Richard, J. et al. / etc.**; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 12/56**
- (11) **WO 02/078274** (13) A1
- (21) PCT/US01/51161
- (22) **2 Nov/nov 2001 (02.11.2001)**
- (25) en (26) en
- (30) 09/814,815 **23 Mar/mar 2001 US (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SELECTIVE DATA FRAME DROPPING IN A NETWORK DEVICE
- REJET SELECTIF DE TRAME DE DONNEES DANS UN DISPOSITIF DE RESEAU
- (71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).
- (72) **TZENG, Shr-Jie**; 34263 Mimosas Terrace, Fremont, CA 94555 (US).
- (74) **RODDY, Richard, J.**; Advanced Micro Devices, Inc., One AMD Place Mail Stop 68, Sunnyvale, CA 94088-3453 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)
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- (51)⁷ **H04L 12/58, G06F 13/00**
- (11) **WO 02/078275** (13) A1
- (21) PCT/JP02/02640
- (22) **20 Mar/mar 2002 (20.03.2002)**
- (25) ja (26) ja
- (30) 2001-90699 **27 Mar/mar 2001 JP (27.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ELECTRONIC MAIL MONITORING SYSTEM AND METHOD
- SYSTEME ET PROCEDE DE CONTROLE DE COURRIER ELECTRONIQUE
- (71) **MITSUBISHI SPACE SOFTWARE CO., LTD.** [JP/JP]; 4-1, Hamamatsucho 2-chome, Minato-ku, Tokyo 105-6137 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SUEKI, Genichiro** [JP/JP]; c/o Mitsubishi Space Software, Co., Ltd. Kamakura Division, 524, Kami-machiya, Kamakura-shi, Kanagawa 247-0065 (JP). **FUJIKI, Hiroaki** [JP/JP]; c/o Mitsubishi Space Software, Co., Ltd. Kamakura Division, 524, Kami-machiya, Kamakura-shi, Kanagawa 247-0065 (JP). **OHYAMA, Tohru** [JP/JP]; c/o Mitsubishi Space Software, Co., Ltd. Kamakura Division, 524, Kami-machiya, Kamakura-shi, Kanagawa 247-0065 (JP). **TATENOI, Ryo** [JP/JP]; c/o Mitsubishi Space Software, Co., Ltd. Kamakura Division, 524, Kami-machiya, Kamakura-shi, Kanagawa 247-0065 (JP).
- (74) **SANO, Hiroshi**; 3F, Namisho Building, 3-7, Shinkawa 2-chome, Chuo-ku, Tokyo 104-0033 (JP).
- (81) 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 **H04L 12/64, 29/06, H04Q 11/04**
- (11) **WO 02/078276** (13) A1
- (21) PCT/NO02/00082
- (22) **27 Feb/fév 2002 (27.02.2002)**
- (25) no (26) en

(30) 2001 1022 28 Feb/fév 2001 NO
(28.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **ISSION OF CLASSIFIED AND PRIORITISED INFORMATION**

• **PROCEDE DE TRANSMISSION D'INFORMATIONS CLASSIFIEES ET CLASSEES PAR ORDRE DE PRIORITE**

(71, 72) **GUDESEN, Hans, Gude** [NO/BE]; 17, rue Fulton, B-1000 Brussels (BE).

(72, 75) **LEISTAD, Geirr, I.** [NO/NO]; Jongsstubben 19, N-1337 Sandvika (NO).

(74) **LEISTAD, Geirr, I.**; Th in Film Electronics ASA, P.O. Box 1872 Vika, N-0124 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 12/66

(11) WO 02/078277 (13) A2

(21) PCT/FR02/00971

(22) 20 Mar/mar 2002 (20.03.2002)

(25) fr (26) fr

(30) 01/03944 23 Mar/mar 2001 FR
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **METHOD FOR ESTABLISHING COMMUNICATION PATHS BETWEEN ACCESS POINTS OF A COMMUNICATION SYSTEM AND A COMMUNICATION SYSTEM USING SAID METHOD**

• **PROCEDE D'ETABLISSEMENT DE CHEMINS DE COMMUNICATION ENTRE DES POINTS D'ACCESS D'UN SYSTEME DE COMMUNICATION, ET SYSTEME DE COMMUNICATION METTANT EN OEUVRE LE PROCEDE**

(71) **EADS DEFENCE AND SECURITY NETWORKS** [FR/FR]; Rue Jean-Pierre Timbaud, Batiment Jean-Pierre Timbaud, F-78180 Montigny Le Bretonneux (FR).

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(72, 75) **MERCURIALI, Jean-Pierre** [FR/FR]; 10, rue de Chartres, F-91400 Orsay (FR). **CHEVRIER, Emmanuel** [FR/FR]; 12, Villa de l'Albatros, F-91470 Limours (FR).

(74) **LOISEL, Bertrand** et al. / etc.; 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04L 12/66, 12/56

(11) WO 02/078278 (13) A1

(21) PCT/US02/04985

(22) 15 Feb/fév 2002 (15.02.2002)

(25) en (26) en

(30) 09/812,994 20 Mar/mar 2001 US
(20.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **METHOD TO OPTIMALLY SELECT BANDWIDTH AND PRIORITY FOR VOICE MESSAGE PACKETS IN A VOICE OVER IP NETWORK**

• **PROCEDE DE SELECTION OPTIMALE DE BANDE PASSANTE ET DE PRIORITE POUR DES PAQUETS DE MESSAGE VOCAUX DANS UN RESEAU DE TRANSPORT DE LA VOIX SUR IP**

(71) **MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **DESHPANDE, Raj**; 1461 Della Drive, Hoffman Estates, IL 60195 (US). **ADY, Roger**; 728 W. Jackson, Unit 1102, Chicago, IL 60661 (US). **BACH, Chris**; 419 DuPage Street, Elgin, IL 60120 (US).

(74) **WOOD, J. Ray, 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 CH CY DE DK ES FI FR GB GR IE IT 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 25/497, H04B 10/04, H04J 14/08

(11) WO 02/078279 (13) A1

(21) PCT/JP02/02444

(22) 14 Mar/mar 2002 (14.03.2002)

(25) ja (26) ja

(30) 2001-74990 15 Mar/mar 2001 JP
(15.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **MULTIPLEXER**

• **MULTIPLEXEUR**

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

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(72, 75) **UEMURA, Aritomo** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **KOZAKI, Seiji** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **KUBO, Kazuo** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **ICHIBANGASE, Hiroshi** [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) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H04L 27/00

(11) WO 02/078280 (13) A2

(21) PCT/DE02/00929

(22) 15 Mar/mar 2002 (15.03.2002)

(25) de (26) de

(30) 101 15 221.3 28 Mar/mar 2001 DE
(28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **METHOD FOR FRAME AND FREQUENCY SYNCHRONIZATION OF AN OFDM SIGNAL AND METHOD FOR TRANSMITTING AN OFDM SIGNAL**

• **PROCEDE DE SYNCHRONISATION DE TRAME ET DE FREQUENCE DE SIGNAUX OFDM ET PROCEDE D'EMISSION DE SIGNAUX OFDM**

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
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(72, 75) **SCHAEFER, Wolfgang** [DE/DE]; Sensburger Ring 31, 31141 Hildesheim (DE). **HANSEN, Christian** [DE/DE]; Marienstrasse 104, 30171 Hannover (DE).

(81) AU CN HU ID IN 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 H04L 27/36, H03F 1/02, 1/32

(11) WO 02/078281 (13) A1

(21) PCT/IB02/00886

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 0107264.4 22 Mar/mar 2001 GB
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **DUAL-MODE TRANSMITTER**

• **EMETTEUR DOUBLE MODE**

(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) **NOORI, Basim** [US/US]; 1492 Via Cancion, San Jose, CA 95128 (US). **BHARJ, Jaspal** [GB/GB]; 101 Deanecroft Road, Eastcote, Middlesex HA5 1ST (GB). **GOSS,**

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(74) **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 CH CY DE DK ES FI FR GB GR IE IT 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 02/078282 (13) A2

(21) PCT/EP02/02973

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(30) 0107238.8 22 Mar/mar 2001 GB (22.03.2001)

(30) 60/278748 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MOBILE COMMUNICATION DEVICE
• DISPOSITIF DE COMMUNICATION MOBILE

(71) **TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)** [SE/SE]; S-126 25 Stockholm (SE).

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(72, 75) **HIRANI, Vishram, Laiji** [GB/GB]; 92 St. Andrews Drive, Stanmore, Harrow HA7 2ND (GB).

(74) **O'CONNELL, David, Christopher**; Haseltine Lake & Co., 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 CH CY DE DK ES FI FR GB GR IE IT 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 02/078283 (13) A2

(21) PCT/GB02/01108

(22) 12 Mar/mar 2002 (12.03.2002)

(25) en (26) en

(30) 0107639.7 27 Mar/mar 2001 GB (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NETWORK TUNNELLING

• TUNNELLISATION RESEAU

(71) **MARCONI COMMUNICATIONS LIMITED** [GB/GB]; New Century Park, P.O. Box 53, Coventry CV3 1HJ (GB).

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(72, 75) **HARDY, William, Geoffrey** [GB/GB]; 87 Monks Road, Binley Woods, Coventry CV3 2BQ (GB). **GRANDI, Vittoriano** [IT/GB]; 31 Station Avenue, Tile Hill, Coventry CV4 9HR (GB).

(74) **COLLIER, Ian, Terry**; Marconi Intellectual Property, Marrable House, The Vineyards, Great Baddow, Chelmsford, Essex CM2 7QS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/078284 (13) A2

(21) PCT/GB02/01428

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 0107403.8 26 Mar/mar 2001 GB (26.03.2001)

(30) 0112060.9 17 May/mai 2001 GB (17.05.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PEER TO PEER DATA TRANSFER BETWEEN WIRELESS INFORMATION DEVICES

• TRANSFERT DE DONNEES POINT-A-POINT ENTRE DISPOSITIFS DE TRAITEMENT D'INFORMATIONS SANS FIL

(71) **K TECHNOLOGIES LIMITED** [GB/GB]; 22 Dartmouth Hill, London SE10 8AJ (GB).

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(72, 75) **KEMP, Miles, Bonamy** [GB/GB]; 22 Dartmouth Hill, London SE10 8AJ (GB).

(74) **LANGLEY, Peter, James**; Origin Limited, 52 Muswell Hill Road, London N10 3JR (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/078285 (13) A2

(21) PCT/US01/45805

(22) 30 Oct/oct 2001 (30.10.2001)

(25) en (26) en

(30) 60/279,225 27 Mar/mar 2001 US (27.03.2001)

(30) 09/908,782 18 Jul/juil 2001 US (18.07.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INTERNET PROTOCOL (IP) ADDRESS PROXIMITY DETECTION AND APPLICATION TO PEER PROVIDER LOCATION

• DETECTION DE LA PROXIMITE D'UNE ADRESSE INTERNET (IP) ET APPLICATION A LA POSITION D'UN FOURNISSEUR D'HOMOLOGUES

(71) **XDEGREES, INCORPORATED** [US/US]; 2307 Leghorn Street, Mountain View, CA 94043 (US).

(72) **SOLES, Roger, L.**; P.O. Box 280785, San Francisco, CA 94128 (US). **BOYEN, Xavier**; 1939 Rock Street, Apt. 19, Mountain View, CA 94043 (US). **TEODOSIU, Dan**; 4151 #E El Camino Way, Palo Alto, CA 94306 (US).

(74) **AUYEUNG, Aloysius, T., C. et al. / etc.**; Columbia IP Law Group, PC, 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 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 all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ H04L 29/00

(11) WO 02/078286 (13) A2

(21) PCT/US02/09504

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/279,041 27 Mar/mar 2001 US (27.03.2001)

(30) Not furnished / non communiqué 27 Mar/mar 2002 (27.03.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM AND METHOD FOR MANAGING OBJECTS AND RESOURCES WITH ACCESS RIGHTS EMBEDDED IN NODES WITHIN A HIERARCHICAL TREE STRUCTURE

• SYSTEME ET PROCEDURE DE GESTION D'OBJETS ET DE RESSOURCES A

DROITS D'ACCES INTEGRES DANS
DES NOEUDS D'UNE STRUCTURE
HIERARCHISEE DE DONNEES

(71) BEA SYSTEMS, INC. [US/US]; 2315 N.
First Street, San Jose, CA 95131 (US).

(72) MOSES, Fred; ** (US).

(74) HAMILTON, John, A.; Choate, Hall &
Stewart, Exchange Place, 53 State Street,
Boston, MA 02109 (US).

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ H04L 29/06

(11) WO 02/078287 (13) A1

(21) PCT/CA02/00367

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(30) 09/817,878 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND SYSTEM FOR CON-
TENT DELIVERY CONTROL USING A
PARALLEL NETWORK

• PROCEDE ET SYSTEME PERMET-
TANT LA COMMANDE DE DISTRI-
BUTION DE CONTENU AU MOYEN
D'UN RESEAU PARALLELE

(71) BELL CANADA [CA/CA]; Beaver Hall Hill
1050, Montreal, Québec H2Z 1S4 (CA).

(72) WILLIAMS, L., Lloyd; 15 Brodeur Cres-
cent, Kanata, Ontario K2L 1Z2 (CA).
MARKMAN, Alexander; #1202 - 7420
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(CA). JOHNSTON, David, Edward; 25
Chatsworth Crescent, Whitby, Ontario L1R
1J4 (CA). CRAGO, William, B.; 110 San-
dale Road, Stouffville, Ontario L4A 1J9
(CA).

(74) WOOD, Max, R. et al. / etc.; Ogilvy Re-
nault, 1981 McGill College Avenue, Suite
1600, Montreal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CH CN CO CR CU CZ DE DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SD SE SG
SI SK SL TJ TM TN TR TT TZ UA UG UZ
VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 H04L 29/06, 9/32

(11) WO 02/078288 (13) A1

(21) PCT/EP01/03264

(22) 22 Mar/mar 2001 (22.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD, SYSTEM, AND END
USER DEVICE FOR IDENTIFYING
A SENDER IN A NETWORK

• PROCEDE, SYSTEME ET DISPO-
SITIF D'UTILISATEUR FINAL POUR
L'IDENTIFICATION D'UN EMETTEUR
DANS UN RESEAU

(71) INFOSIM NETWORKING SOLUTIONS
AG [DE/DE]; Sedanstrasse 27, 97082
Würzburg (DE).

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les États désignés sauf US)

(72, 75) BAIER SAIP, Herbert, Alexander
[DE/DE]; Heigern 11, 97286 Winter-
hausen (DE). HEULER, Marius [DE/DE];
Otto-Richter-Strasse 2, 97074 Würzburg
(DE).

(74) SCHMIDT, Steffen; Wuesthoff &
Wuesthoff, Patent- und Rechtsanwälte,
Schweigerstrasse 2, 81541 München (DE).

(81) AU BR CA CN IL IN JP KR MX NO SG US
ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ H04L 29/06, 12/56

(11) WO 02/078289 (13) A1

(21) PCT/EP02/02663

(22) 11 Mar/mar 2002 (11.03.2002)

(25) en (26) en

(30) 01 107 626.2 27 Mar/mar 2001 EP
(27.03.2001)

(30) 01 122 366.6 19 Sep/sep 2001 EP
(19.09.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR ACHIEVING
END-TO-END QUALITY OF SERVICE
NEGOTIATION FOR DISTRIBUTED
MULTIMEDIA APPLICATIONS

• PROCEDE PERMETTANT D'OBTENIR
UNE QUALITE DE SERVICE DE NE-
GOCIATION DE BOUT EN BOUT DES-
TINE A DES APPLICATIONS MULTI-
MEDIA DISTRIBUEES

(71) SONY INTERNATIONAL (EUROPE)
GMBH [DE/DE]; Kemperplatz 1, 10785
Berlin (DE). SIEMENS AG [DE/DE]; Wit-
telsbacher Platz 2, 80333 München (DE).

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les États désignés sauf US)

(72, 75) MANDATO, Davide [IT/DE]; Advanced
Technology Center Stuttgart, Sony Inter-
national (Europe) GmbH, Heinrich-Hertz-Str.
1, 70327 Stuttgart (DE). KASSLER, An-
dreas [DE/DE]; Department of Distributed
Systems, University of Ulm, Oberer Esels-
berg, 89069 Ulm (DE).

(74) RUPP, Christian; Mitscherlich & Partner,
Sonnenstrasse 33, 80331 München (DE).

(81) CN JP US.

Published / Publiée : (c)

(51)⁷ H04L 29/06, G06F 9/445, 15/177

(11) WO 02/078290 (13) A1

(21) PCT/FI02/00250

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 20010596 22 Mar/mar 2001 FI
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR SETTING UP COMMU-
NICATION PARAMETERS IN UPN US-
ING HARDWARE TOKEN

• PROCEDE D'ETABLISSEMENT DES
PARAMETRES DE COMMUNICATION
DANS UN RESEAU VPN AU MOYEN
DE JETONS MATERIELS

(71) SSH COMMUNICATIONS SECURITY
OYJ [FI/FI]; Fredrikinkatu 42, FIN-00100
Helsinki (FI).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KIVINEN, Tero [FI/FI]; Lukupuron-
rinne 2 i 17, FIN-02200 Espoo (FI). YLÖ-
NEN, Tatu [FI/FI]; Täysikuu 10 C 88,
FIN-02210 Espoo (FI). TEISTE, Marko
[FI/FI]; Aittakalliontie 227, FIN-01860 Pert-
tula (FI).

(74) SSH COMMUNICATIONS SECURITY
OYJ; Fredrikinkatu 42, FIN-00100 Helsinki
(FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 H04L 29/06

(11) WO 02/078291 (13) A1

(21) PCT/FI02/00253

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 20010619 26 Mar/mar 2001 FI
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS AND ARRANGEMENTS
FOR PROVIDING EFFICIENT IN-
FORMATION TRANSFER OVER A
LIMITED SPEED COMMUNICATIONS
LINK

• PROCEDES ET DISPOSITIFS PERMET-
TANT D'ASSURER UN TRANSFERT
D'INFORMATIONS EFFICACE SUR
UNE LIAISON DE COMMUNICATION
A VITESSE LIMITEE

(71) FIRST HOP OY [FI/FI]; Tekniikantie 12,
FIN-02150 Espoo (FI).

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les États désignés sauf US)

(72, 75) KUSTOV, Andrei [FI/FI]; Leilankuja
6 A 24, FIN-02230 Espoo (FI). AUVI-
NEN, Olli [FI/FI]; Kelloaarenkatu 4 b
40, FIN-00180 Helsinki (FI). HÄMÄLÄI-
NEN, Mikko [FI/FI]; Tyrskyvuori 11 c
23, FIN-02320 Espoo (FI). KARI, Hannu
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Poutamäentie 13 a 21, FIN-00360 Helsinki

- (FI). MALLAT, Hannu [FI/FI]; Tornitasa 1 as 41, FIN-02120 Espoo (FI). RÄSÄ-NEN, Juhana [FI/FI]; Törmänniityntie 18 s, FIN-02710 Espoo (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).

Published / Publiée : (c)

- (51)⁷ H04L 29/06
- (11) WO 02/078292 (13) A1
- (21) PCT/JP02/00770
- (22) 31 Jan/jan 2002 (31.01.2002)
- (25) ja (26) ja
- (30) 2001-134665 26 Mar/mar 2001 JP (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PROTOCOL DUPLEXER AND PROTOCOL DUPLEXING METHOD
- DUPLIXEUR DE PROTOCOLE ET PROCEDE DE DUPLIXAGE DE PROTOCOLE
- (71) DUAXES CORPORATION [JP/JP]; 22-2, Shinkawa 2-chome, Chuo-ku, Tokyo 104-0033 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAGOYA, Mitsugu [JP/JP]; c/o Duaxes Corporation, 22-2, Shinkawa 2-chome, Chuo-ku, Tokyo 104-0033 (JP).
- (74) SUZUKI, Hitoshi; Nakano JM Bldg. 5th Floor, 28-1, Nakano 2-chome, Nakano-ku, Tokyo 164-0001 (JP).
- (81) CA 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 H04L 29/06, G06F 9/445, 1/00
- (11) WO 02/078293 (13) A1
- (21) PCT/US02/09266
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) en (26) en
- (30) 60/278,828 26 Mar/mar 2001 US (26.03.2001)
- (30) 09/818,302 27 Mar/mar 2001 US (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND SYSTEM FOR SECURELY PERMITTING MOBILE CODE TO ACCESS NETWORK RESOURCES
- PROCEDE ET SYSTEME DESTINES A PERMETTRE A UN CODE MOBILE D'ACCEDE DE MANIERE SECURISSEE A DES RESSOURCES DE RESEAU

- (71) CURL CORPORATION [US/US]; 8th floor, 400 Technology Square, Cambridge, MA 02139 (US).
- (72) DAVIS, Donald, T.; 148 School Street, Somerville, MA 02143 (US). KRANZ, David, A.; 115 High Haith Road, Arlington, MA 02476 (US). MARTIN, Elizabeth, A.; 92 Lewis Street, Newton, MA 02458 (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 US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 29/08, H04B 7/26, G06F 13/00, H04L 12/28
- (11) WO 02/078294 (13) A1
- (21) PCT/JP01/02400
- (22) 26 Mar/mar 2001 (26.03.2001)
- (25) ja (26) ja
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • INFORMATION PROCESSING APPARATUS, COMMUNICATION CONTROL METHOD, COMMUNICATION CONTROL PROGRAM, AND COMPUTER-READABLE RECORDING MEDIUM ON WHICH THAT PROGRAM HAS BEEN RECORDED
- DISPOSITIF DE TRAITEMENT DE L'INFORMATION, PROCEDE DE COMMANDE DE COMMUNICATION, PROGRAMME DE COMMUNICATION ET SUPPORT D'ENREGISTREMENT LISIBLE SUR LEQUEL LEDIT PROGRAMME A ETE ENREGISTRE

- (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) KAZAMA, Satoshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SHIOTSU, Shinichi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SHIBA, Akira [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) 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 H04M 1/00, G06F 3/02
- (11) WO 02/078297 (13) A1
- (21) PCT/CN01/00140
- (22) 22 Feb/fév 2001 (22.02.2001)

- (51)⁷ H04M
- (11) WO 02/078295 (13) A2
- (21) PCT/US02/08823
- (22) 21 Mar/mar 2002 (21.03.2002)
- (25) en (26) en
- (30) 09/814,461 21 Mar/mar 2001 US (21.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PREPAID TELECOMMUNICATION CARD FOR HEALTH CARE COMPLIANCE
- CARTE DE TELECOMMUNICATION PREPAYEE DANS LE CADRE D'OBSERVANCE DES SOINS DE SANTE
- (71) BODNICK, David [US/US]; 305 West 28th Street, Apt. 5C, New York, NY 10001 (US).
- (74) HOPPIN, Ralph, F.; Brown Raysman Millstein Felder & Steiner LLP, 900 Third Avenue, New York, NY 10022 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H04M 1/00
- (11) WO 02/078296 (13) A2
- (21) PCT/CA02/00400
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) en (26) en
- (30) 09/815,934 23 Mar/mar 2001 US (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • HANDHELD WIRELESS COMMUNICATION DEVICE
- DISPOSITIF DE COMMUNICATION PORTATIF SANS FIL
- (71) SIERRA WIRELESS, INC. [CA/CA]; 13811 Wireless Way, Richmond, British Columbia V6V 3A4 (CA).
- (72) MURNAGHAN, Matthew, J.; 320 East Kensington Road, North Vancouver, British Columbia V7N 1P3 (CA). LARSEN, Bruce, D.; 2264 Gordon Avenue, West Vancouver, British Columbia V7V 1W3 (CA).
- (74) VERMETTE & CO.; Box 40 Granville Square, 230-200 Granville Street, Vancouver, British Columbia V6S 1C4 (CA).
- (81) CN KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ H04M 1/00, G06F 3/02
- (11) WO 02/078297 (13) A1
- (21) PCT/CN01/00140
- (22) 22 Feb/fév 2001 (22.02.2001)

- (25) zh (26) zh
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • MOBILE PHONE AND KEY SETTING THEREOF
 • TELEPHONE MOBILE ET REGLAGE DES TOUCHES
 (71, 72) CHOU, Ching-Hsiu [CN/CN]; 15F1-3, No. 5, Lane 11, Liyuan 1 St., Linkou Shiang, Taipei Hsien (CN).
 (74) CHINA SCIENCES PATENT & TRADE-MARK AGENT LIMITED; 16th Floor, Zhongke Building, No. 80, Haidian Road, Haidian District, Beijing 100080 (CN).
 (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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ H04M 1/00
 (11) WO 02/078298 (13) A2
 (21) PCT/HU02/00023
 (22) 27 Mar/mar 2002 (27.03.2002)
 (25) en (26) en
 (30) U0100078 28 Mar/mar 2001 HU (28.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • AUTOMATIC MESSAGING ACCESSORY WITH ACOUSTIC ACTUATION FOR TELEPHONES
 • ACCESSOIRE DE MESSAGERIE AUTOMATIQUE AVEC ACTIONNEMENT ACOUSTIQUE POUR TELEPHONES
 (71, 72) KUTHI, Zoltan [HU/HU]; Pest megye, Csokonai ut 27/A., H-2181 IKLAD (HU).
 (81) AE (Utility model / modèle d'utilité) AG AL (Utility model / modèle d'utilité) AM (Utility model / modèle d'utilité) AT 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 DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES (Utility model / modèle d'utilité) FI FI (Utility model / modèle d'utilité) GB GD GE (Utility model / modèle d'utilité) GH (Utility certificate / certificat d'utilité) GM HR HU (Utility model / modèle d'utilité) ID IL IN IS JP (Utility model / modèle d'utilité) KE (Utility model / modèle d'utilité) KG (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 SK (Utility model / modèle d'utilité) SL (Utility model / modèle d'utilité) TJ (Utility model / modèle d'utilité) TM TN TR (Utility model / modèle d'utilité) TT (Utility certificate / certificat d'utilité) TZ UA (Utility model / modèle d'utilité) UG (Utility certificate / certificat d'utilité) US UZ 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (Utility model / modèle d'utilité) (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 1/00

- (11) WO 02/078299 (13) A2
 (21) PCT/IB02/00902
 (22) 19 Mar/mar 2002 (19.03.2002)
 (25) en (26) en
 (30) 09/814,885 22 Mar/mar 2001 US (22.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • TELEPHONE MEMORY AID
 • AIDE-MEMOIRE TELEPHONIQUE
 (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
 (72) ESHELMAN, Larry; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). GUTTA, Srinivas, V., R.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HOEKEMA, James, A.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). MILANSKI, John; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). STRUBBE, Hugo, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 (74) CHAFFRAIX, Jean; Internationaal Octroibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 (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 H04M 1/00

- (11) WO 02/078300 (13) A2
 (21) PCT/ZA02/00056
 (22) 28 Mar/mar 2002 (28.03.2002)
 (25) en (26) en
 (30) 01/1280 28 Mar/mar 2001 ZA (28.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • COMMUNICATION LINE CONTROL DEVICE
 • DISPOSITIF DE COMMANDE DE LIGNE DE TELECOMMUNICATIONS
 (71) WENDLING, André, Joseph [ZA/ZA]; 127 Sharebrook, 5 Lopis Place, Edenglen, 1609 Edenvale (ZA).

(71, 72) THUYNSMA, Edward, John [ZA/ZA]; No. 6 Woodpecker Village, Blue Gill Estates, 1620 Vlei Road, Glen Marais, Kempton Park (ZA). HONEYWILL, Wayne, Stuart [ZA/ZA]; 8 Brenda Street, Edenglen, 1609 Edenvale (ZA).

(74) LE ROUX, Marius; D.M. Kisch Inc., P.O. Box 781218, 2146 Sandton (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 1/27, 1/2745

- (11) WO 02/078301 (13) A1
 (21) PCT/US02/08730
 (22) 22 Mar/mar 2002 (22.03.2002)
 (25) en (26) en
 (30) 09/815,523 23 Mar/mar 2001 US (23.03.2001)
 (43) 3 Oct/oct 2002 (03.10.2002)
 (54) • METHOD AND SYSTEM FOR MULTIPLE STAGE DIALING USING VOICE RECOGNITION
 • PROCEDE ET SYSTEME DESTINES A COMPOSER UN NUMERO EN PLUSIEURS ETAPES AU MOYEN DE LA RECONNAISSANCE VOCALE
 (71) QUALCOMM INCORPORATED [US/US]; 5775 Morhouse Drive, San Diego, CA 92121-1714 (US).
 (72) BARON, Jason, C.; 4805 Lamont Street, San Diego, CA 92109 (US). OPALSKY, Robert; 7693 Palmilla Drive #2417, San Diego, CA 92122 (US).
 (74) WADSWORTH, Philip, R. et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04M 1/60, H04B 1/38

- (11) WO 02/078302 (13) A2
 (21) PCT/DE02/00435
 (22) 6 Feb/fév 2002 (06.02.2002)

- (25) de (26) de
- (30) 101 14 109.2 **22 Mar/mar 2001** DE
(22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • HEADSET SYSTEM
• SYSTEME DE CASQUE RADIO
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BUSCH, Georg [DE/DE]; Feldmark 5, 48683 Ahaus (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) (u) for / pour US only / seulement
-
- (51)⁷ H04M 1/64, 3/00, 11/00, 15/00
- (11) WO 02/078303 (13) A1
- (21) PCT/US02/08891
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) en (26) en
- (30) 60/278,813 **26 Mar/mar 2001** US
(26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SYSTEM AND METHOD FOR PERFORMING SIGNALING-PLAN-SPECIFIC CALL PROGRESS ANALYSIS
• SYSTEME ET PROCEDE SERVANT A EFFECTUER UNE ANALYSE DE PROGRESSION D'APPEL SPECIFIQUE D'UN PLAN DE SIGNALISATION
- (71) SNOWSHORE NETWORKS, INC. [US/US]; 285 Billerica Road, Chelmsford, MA 01824 (US).
- (72) BURGER, Eric, W.; 6 Hemlock Hill Road, Amherst, NH 03031-2646 (US).
- (74) LEOVICI, Victor, B. et al. / etc.; Weingarten, Schurgin, Gagnebin & Lebovici, LLP, Ten Post Office Square, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04M 3/00
- (11) WO 02/078305 (13) A2
- (21) PCT/US02/04885
- (22) 19 Feb/fév 2002 (19.02.2002)
- (25) en (26) en
- (30) 09/815,685 **23 Mar/mar 2001** US
(23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHODS AND APPARATUS FOR DIALING AN EMERGENCY TELEPHONE NUMBER FROM A TELEWORKING CLIENT REMOTELY COUPLED TO A PBX
• PROCEDES ET DISPOSITIF DE COMPOSITION D'UN NUMERO D'APPEL D'URGENCE DEPUIS UN CLIENT DE TELETRAVAIL COUPLE A DISTANCE A UN PBX
- (71) SIEMENS INFORMATION AND COMMUNICATION NETWORKS, INC. [US/US]; 900 Broken Sound Parkway, Boca Raton, FL 33487-3587 (US).
- (72) STUMER, Peggy M.; 2350 North West 30th Road, Boca Raton, FL 33431 (US). OZERY, Nissim; 6503 North West 74th Drive, Parkland, FL 33067 (US). SWARTZ, David J.; 4820 North West 8th Drive, Plantation, FL 33317 (US). VANDER MEIDEN, David A.; 300 E. Conference Drive, Boca Raton, FL 33486 (US). GOODMAN, Charles; 658 Riviera Circle, Nipomo, CA 93444 (US). BUDZIAK, Joseph; 21319 Falls Ridge Way, Boca Raton, FL 33428 (US).
- (74) MONTGOMERY, Francis G. et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).
- (81) CA CN.
- (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 H04M 3/00
- (11) WO 02/078306 (13) A2
- (21) PCT/US02/05025
- (22) 20 Feb/fév 2002 (20.02.2002)
- (25) en (26) en
- (30) 09/816,830 **23 Mar/mar 2001** US
(23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHODS AND APPARATUS FOR TRANSMITTING OVER A PRIVATE NETWORK ACCURATE EMERGENCY LOCATION IDENTIFICATION NUMBERS (ELINS) FROM BEHIND A MULTI-LINE TELEPHONE SYSTEM (MLTS) UTILIZING PORT EQUIPMENT NUMBERS
• PROCEDES ET APPAREIL D'EMISSION SUR UN RESEAU PRIVE DE NUMEROS ELIN (EMERGENCY LOCATION IDENTIFICATION NUMBERS) DEPUIS L'ARRIERE D'UN SYSTEME TELEPHONIQUE MULTILIGNE (STML) PAR UTILISATION DES NUMEROS D'EQUIPEMENT DE POINTS DE CONNEXION
- (71) SIEMENS INFORMATION AND COMMUNICATION NETWORKS, INC. [US/US]; 900 Broken Sound Parkway, Boca Raton, FL 33487-3587 (US).
- (72) STUMER, Peggy, M.; 2350 North West 30th Road, Boca Raton, FL 33431 (US).
- (74) MONTGOMERY, Francis, G. et al. / etc.; Siemens Corporation, Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).
- (81) CA CN.
- (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 H04M 3/42, 3/00, 11/00, H04L 12/46, 12/56, H04B 7/26, H04Q 7/38
- (11) WO 02/078307 (13) A1
- (21) PCT/JP02/02905
- (22) 26 Mar/mar 2002 (26.03.2002)
- (25) ja (26) ja
- (30) 2001-88151 **26 Mar/mar 2001** JP
(26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND APPARATUS FOR PROVIDING COMMUNICATION SERVICE
• PROCEDE ET APPAREIL POUR FOURNIR UN SERVICE DE COMMUNICATION
- (71) NTT DOCOMO, INC. [JP/JP]; 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAKAJIMA, Takayuki** [JP/JP]; 63, Katabira-cho 2-chome, Hodogaya-ku, Yokohama-shi, Kanagawa 240-0013 (JP).

(74) **KAWASAKI, Kenji**; ASAHI PATENT OFFICE, 7th Fl., Toyo Bldg., 2-10, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP).

(81) CN JP KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H04M 3/42

(11) WO 02/078308 (13) A1

(21) PCT/US02/06655

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/277,656 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM AND METHOD FOR PROVIDING SIMPLIFIED CONFERENCING
• SYSTEME ET PROCEDE PERMETTANT LA TENUE D'UNE TELECONFERENCE SIMPLIFIEE

(71) **REMOTEABILITY INC.** [US/US]; 140 Sylvan Ave., Englewood Cliffs, NJ 07632 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COHEN, Alon** [US/US]; 4 Thatcher Road, Tenafly, NJ 07670 (US). **RUST, Tom** [US/US]; 330 Pennington Harborton Road, Pennington, NJ 08534 (US). **DENICOLA, Nancy** [US/US]; 23 Seminole Avenue, Lake Hiawatha, NJ 07034 (US). **SHARON, Ran** [US/US]; 39 Marconi Street, Tenafly, NJ 07670 (US).

(74) **POLLACK, Caleb, J.**; Eitan, Pearl, Latzer & Cohen-Zedek, Crystal Park, Suite 210, 2011 Crystal Drive, Arlington, NJ 22202-3709 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04M 3/436, H04Q 7/32

(11) WO 02/078309 (13) A1

(21) PCT/US02/09010

(22) 23 Mar/mar 2002 (23.03.2002)

(25) en (26) en

(30) 09/815,475 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INCOMING CALL HANDLING METHOD FOR MOBILE COMMUNICATIONS DEVICE INCORPORATING MOBILE ASSISTED MESSAGING ON DEMAND

• PROCEDE DE GESTION DES APPELS ENTRANTS POUR UN DISPOSITIF DE COMMUNICATION MOBILE POURVU D'UNE MESSAGERIE A LA DEMANDE ASSISTEE PAR LE MOBILE

(71) **ERICSSON INC.** [US/US]; 511 Davis Drive, Research Triangle Park, NC 27709 (US).

(72) **RODERIQUE, Benjamin, O.**; 112 Kings Grant Drive, Goode, VA 24556 (US).

(74) **COATS & BENNETT, PLLC**; 1400 Crescent Green Suite 300, Cary, NC 27511 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 H04M 3/46

(11) WO 02/078310 (13) A1

(21) PCT/GB02/01287

(22) 18 Mar/mar 2002 (18.03.2002)

(25) en (26) en

(30) 01302781.8 26 Mar/mar 2001 EP (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • COMPUTER TELEPHONY INTEGRATION

• COUPLAGE DE LA TELEPHONIE ET DE L'INFORMATIQUE

(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) **BOOTON, Laurence, Jon** [GB/GB]; 27 Portland Crescent, Woodbridge, Suffolk IP12 4DZ (GB).

(74) **SEMOS, Robert, Ernest, Vickers**; BT Group Legal Services, Intellectual Property Department, Holborn Centre, 8th Floor, 120 Holborn, London EC1N 2TE (GB).

(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 H04M 3/537, 3/54, 3/46, H04Q 7/22

(11) WO 02/078311 (13) A1

(21) PCT/US02/08454

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 09/815,859 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM AND METHOD FOR USER NOTIFICATION IN A COMMUNICATION SYSTEM

• SYSTEME ET PROCEDE DE NOTIFICATION D'UTILISATEURS DANS UN SYSTEME DE COMMUNICATION

(71) **SIEMENS INFORMATION AND COMMUNICATION MOBILE LLC** [US/US]; 16745 West Bernardo Drive, Suite 400, San Diego, CA 92127 (US).

(72) **MONROE, Robert, L.**; 8874 Bellevoe Circle, Colorado Springs, CO 80920 (US). **MENON, Narayan, P.**; 5910 Bay Springs Lane, Colorado Springs, CO 80918 (US). **GAY, Francis, A.**; 11818 Stoney Peak Drive, Apt. 734, San Diego, CA 92128 (US).

(74) **KALER, Stuart, P. 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04M 9/08

(11) WO 02/078312 (13) A1

(21) PCT/US02/07583

(22) 12 Mar/mar 2002 (12.03.2002)

(25) en (26) en

(30) 09/816,987 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM FOR CONVOLUTIONAL ECHO CANCELLATION BY ITERATIVE AUTOCORRELATION

• SYSTEME CONVOLUTIONNEL DE SUPPRESSION D'ECHOS PAR AUTOCORRELATION ITERATIVE

(71) **REPEATER TECHNOLOGIES, INC.** [US/US]; 1150 Morse Avenue, Sunnyvale, CA 94089 (US).

(72) PHAM, Tien; 312 Mullion Court, San Jose, CA 95116 (US).

(74) GLENN, Michael et al. / etc.; Glenn Patent Group, Suite L, 3475 Edison Way, Menlo Park, CA 94025 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04M 9/08

(11) WO 02/078313 (13) A1

(21) PCT/US02/07912

(22) 12 Mar/mar 2002 (12.03.2002)

(25) en (26) en

(30) 09/816,998 23 Mar/mar 2001 US (23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM FOR CONVOLUTIONAL ECHO CANCELLATION BY ITERATIVE AUTOCORRELATION
• SYSTÈME D'ANNULATION D'ÉCHO CONVOLUTIONNELLE PAR AUTO-CORRÉLATION ITÉRATIVE

(71) REPEATER TECHNOLOGIES, INC. [US/US]; 1150 Morse Avenue, Sunnyvale, CA 94089 (US).

(72) PHAM, Tien; 312 Mullion Court, San Jose, CA 95116 (US). FUERTER, Matthew, P.; 2815 Bowlin Avenue, San Ramon, CA 94583 (US).

(74) GLENN, Michael et al. / etc.; Glenn Patent Group, 3475 Edison Way, Suite L., Menlo Park, CA 94025 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04M 9/08

(11) WO 02/078314 (13) A2

(21) PCT/US02/09424

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 09/819,109 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • NETWORK ECHO SUPPRESSION IN MOBILE STATIONS

• SUPPRESSION D'ÉCHO DE RESEAU DANS DES STATIONS MOBILES

(71) QUALCOMM Incorporated [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(72) GUPTA, Samir; 11156 Corte Pleno Verano, San Diego, CA 92130 (US). OEI, Ivan K; 10881 Wallingford Road, San Diego, CA 92126 (US).

(74) WADSWORTH, Philip, R. et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 15/00, 15/28

(11) WO 02/078315 (13) A2

(21) PCT/DE02/01104

(22) 26 Mar/mar 2002 (26.03.2002)

(25) de (26) de

(30) 101 14 964.6 27 Mar/mar 2001 DE (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR PROVIDING PRICE INFORMATION TO SUBSCRIBERS OF A DIGITAL MOBILE COMMUNICATION NETWORK

• PROCEDE D'INFORMATIONS RELATIVES AUX TARIFS POUR DES ABONNES D'UN RESEAU DE COMMUNICATION MOBILE NUMERIQUE

(71) T-MOBILE DEUTSCHLAND GMBH [DE/DE]; Landgrabenweg 151, 53227 Bonn (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VÖHRINGER, Gerrit [DE/DE]; Paulstrasse 7, 53111 Bonn (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 :

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 15/00

(11) WO 02/078316 (13) A2

(21) PCT/EP02/02813

(22) 13 Mar/mar 2002 (13.03.2002)

(25) en (26) en

(30) 01107141.2 22 Mar/mar 2001 EP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF PROVIDING NETWORK SERVICES

• PROCEDE POUR FOURNIR DES SERVICES DE RESEAU

(71) NORTEL NETWORKS LIMITED [CA/CA]; World Trade Center of Montreal, 380 St. Antoine Street West, 8th floor, Montreal, Quebec H2Y 3Y4 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) REITH, Lothar [DE/DE]; Holbeinstr. 51, 60596 Frankfurt (DE). PUTALA, Marian [DE/DE]; Im Hirtengarten 20, 65817 Eppstein (DE).

(74) WIEBUSCH, Manfred; Artur-Ladebeck-Str. 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 CH CY DE DK ES FI FR GB GR IE IT 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 02/078317 (13) A2

(21) PCT/US02/11263

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/278,079 22 Mar/mar 2001 US (22.03.2001)

(30) 60/284,951 19 Apr/avr 2001 US (19.04.2001)

(30) 60/290,714 14 May/mai 2001 US (14.05.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PERSONAL VIDEO RECORDER SYSTEMS AND METHODS

• SYSTEME ET PROCEDES D'ENREGISTREUR VIDEO PERSONNEL

(71) UNITED VIDEO PROPERTIES, INC. [US/US]; 7140 South Lewis Avenue, Tulsa, OK 74136 (US).

(72) BAUMGARTNER, Joseph, P.; 2830 East 82nd Street, Tulsa, OK 74137 (US). CARPENTER, Kenneth, F., Jr.; 544 South Brentwood Drive, Mount Laurel, NJ 08054 (US). ELLIS, Michael, D.; 1300 Kingwood Place, Boulder, CO 80304 (US). GAYDOU, Danny, R.; 9731 S. Evanston Avenue East. #3008, Tulsa, OK 74137 (US).

(74) PIERRI, Margaret A. et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 1/00, G03G 15/00

(11) WO 02/078318 (13) A1

(21) PCT/EP02/02712

(22) 12 Mar/mar 2002 (12.03.2002)

(25) de (26) de

(30) 101 13 837.7 21 Mar/mar 2001 DE (21.03.2001)

(30) 101 13 836.9 21 Mar/mar 2001 DE (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • OFFICE MACHINE THAT CAN BE REMOTE-MAINTENANCED VIA A COMPUTER NETWORK AND A MANAGEMENT OR/AND SUPPORT OR/AND REPORT OR/AND INFORMATION SYSTEM COMPRISING A PLURALITY OF OFFICE MACHINES

• MACHINE DE BUREAU POUVANT ETRE ENTRETENU E A DISTANCE PAR L'INTERMEDIAIRE D'UN RESEAU INFORMATIQUE ET SYSTEME DE GESTION ET/OU D'ASSISTANCE ET/OU DE RAPPORT ET/OU D'INFORMATION COMPORTANT PLUSIEURS MACHINES DE BUREAU

(71) TOSHIBA TEC GERMANY IMAGING SYSTEMS GMBH [DE/DE]; Carl-Schurz-Strasse 7, 41460 Neuss (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LANDAU, Dirk [DE/DE]; Kirchfeldstrasse 106, 40215 Düsseldorf (DE). ANTZIOPOULOS, Philipp [DE/DE]; Grefrather Weg 91, 41464 Neuss 1 (DE). STOTTEMEISTER, Hans-Werner [DE/DE]; Maternusstrasse 44, 41352 Korschenbroich (DE).

(74) WEICKMANN & WEICKMANN; Postfach 860 820, 81635 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H04N 1/40

(11) WO 02/078319 (13) A2

(21) PCT/US02/06870

(22) 6 Mar/mar 2002 (06.03.2002)

(25) en (26) en

(30) 09/800,638 7 Mar/mar 2001 US (07.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DIGITAL IMAGE APPEARANCE ENHANCEMENT AND COMPRESSIBILITY IMPROVEMENT METHOD AND SYSTEM

• PROCEDE ET SYSTEME D'AMELIORATION D'ASPECT ET D'AMELIORATION DE COMPRESSIBILITE D'IMAGES NUMERIQUES

(71) HEWLETT-PACKARD COMPANY [US/US]; 3000 Hanover Street, Palo Alto, CA 94304-1112 (US).

(72) ATKINS, C, Brian; 104 Gladys Avenue, Apt. A, Mountain View, CA 94043 (US). GONDEK, Jay S.; 2322 NW Norwood Street, Camas, WA 98607 (US).

(74) HEMINGER, Susan E.; Hewlett-Packard Company, Legal Department, IP Section, P. O. Box 242400, 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/078320 (13) A2

(21) PCT/US02/08954

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 09/817,932 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DIGITAL HALFTONING

• CREATION DE GRISES NUMERIQUE

(71) POLAROID CORPORATION [US/US]; 784 Memorial Drive, Cambridge, MA 02139 (US).

(72) BYBELL, Daniel, P.; 40 Warren Street, Medford, MA 02155 (US). THORNTON, Jay, E.; 56 Lincoln Street, Watertown, MA 02472 (US). SCHUH, Dana, F.; 16 Partridge Road, Windham, NH 03087 (US).

(74) MACCARONE, Gaetano, D.; Polaroid Corporation, 784 Memorial Drive, Cambridge, MA 02139 (US).

(81) CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H04N 1/407

(11) WO 02/078321 (13) A1

(21) PCT/US02/08560

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 09/819,167 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR DYNAMIC ADJUSTMENT OF PRINT QUALITY

• PROCEDE ET APPAREIL DE REGLAGE DYNAMIQUE DE LA QUALITE D'IMPRESSION

(71) HEWLETT-PACKARD COMPANY [US/US]; 3000 Hanover Street, Palo Alto, CA 94304-1112 (US).

(72) TULLIS, Barclay, J.; 1795 Guinda Street, Palo Alto, CA 94303 (US).

(74) HEMINGER, Susan, E.; Hewlett-Packard Company, Legal Department, IP Section, 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 1/41

(11) WO 02/078322 (13) A1

(21) PCT/DE02/00995

(22) 19 Mar/mar 2002 (19.03.2002)

(25) de (26) de

(30) 101 13 881.4 21 Mar/mar 2001 DE (21.03.2001)

(30) 101 52 612.1 25 Oct/oct 2001 DE (25.10.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR COMPRESSION AND DECOMPRESSION OF IMAGE DATA

• PROCEDE DE COMPRESSION ET DE DECOMPRESSION DE DONNEES D'IMAGE

(71) **T-MOBILE DEUTSCHLAND GMBH** [DE/DE]; Landgrabenweg 151, 53227 Bonn (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOSSAKOWSKI, Gerd** [DE/DE]; Im Klosterskamp 8, 59227 Ahlen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

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 VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 3/36

(11) **WO 02/078323** (13) A1

(21) PCT/EP02/03254

(22) **22 Mar/mar 2002 (22.03.2002)**

(25) de (26) de

(30) 101 15 342.2 **28 Mar/mar 2001 DE (28.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **DEVICE FOR SCANNING FILMS**

• DISPOSITIF DE BALAYAGE DE FILMS

(71) **BTS HOLDING INTERNATIONAL BV** [NL/NL]; Kapittelweg 10, NL-4827 HG Breda (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STEINEBACH, Wolfgang** [DE/DE]; Mittelstr. 4, 56414 Salz (DE).

(74) **ROSSMANITH, Manfred**; Deutsche Thomson-Brandt GmbH, European Patent Operations, Karl-Wiechert-Allee 74, 30625 Hannover (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04N 5/00

(11) **WO 02/078324** (13) A2

(21) PCT/US02/08561

(22) **20 Mar/mar 2002 (20.03.2002)**

(25) en (26) en

(30) 09/818,922 **27 Mar/mar 2001 US (27.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **SINGLE SENSOR CHIP DIGITAL STEREO CAMERA**

• CAMERA STEREO NUMERIQUE A PUCE DE DETECTION SIMPLE

(71) **HEWLETT-PACKARD COMPANY** [US/US]; 3000 Hanover Street, Palo Alto, CA 94304-1112 (US).

(72) **SILVERSTEIN, D., Amnon**; 2178 University Avenue, Mountain View, CA 94040 (US).

(74) **HEMINGER, Susan**; Hewlett-Packard Company, Legal Department, IP Section, 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 5/222

(11) **WO 02/078325** (13) A2

(21) PCT/EP02/02775

(22) **13 Mar/mar 2002 (13.03.2002)**

(25) en (26) en

(30) 0104441 **26 Mar/mar 2001 FR (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **NUMBER DISPLAY DEVICE FOR A CAMERA**

• AFFICHEUR DE NUMERO POUR UNE CAMERA

(71) **THOMSON LICENSING SA** [FR/FR]; 46 Quai Alphonse Le Gallo, F-92100 Boulogne (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHAFFNER, Eric** [FR/FR]; 21 allée des Noisetiers, F-95250 Beauchamp (FR). **NGUYEN, Van Hiep** [FR/FR]; 33/35 avenue Ernest Reyze, F-75014 Paris (FR).

(74) **RUELLAN LEMONNIER, Brigitte**; THOMSON multimedia, 46 quai Alphonse Le Gallo, F-92100 Boulogne Billancourt (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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

(u) for / pour US only / seulement

(51)⁷ H04N 5/225, 5/262

(11) **WO 02/078326** (13) A1

(21) PCT/KR01/02210

(22) **19 Dec/déc 2001 (19.12.2001)**

(25) en (26) en

(30) 2001/15604 **26 Mar/mar 2001 KR (26.03.2001)**

(30) 2001/67016 **30 Oct/oct 2001 KR (30.10.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • **IMAGE TELECOMMUNICATION SYSTEM FOR PERSONAL DIGITAL ASSISTANT AND A CONTROL METHOD THEREOF**

• SYSTEME DE TELECOMMUNICATION D'IMAGE POUR ASSISTANT NUMERIQUE ET PROCEDE DE COMMANDE DUDIT SYSTEME

(71) **HANVIT INFORMATION TECHNOLOGY CO., LTD.** [KR/KR]; 62, Nonhyun-dong, Kangnam-ku, Seoul 135-010 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YANG, Do-Seung** [KR/KR]; Cheongdam-dong 117-14, Kangnam-ku, Seoul 135-010 (KR).

(74) **YOU ME PATENT AND LAW FIRM**; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR);

OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ H04N 5/232, 7/50

(11) WO 02/078327 (13) A1

(21) PCT/FI02/00259

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 20010629 27 Mar/mar 2001 FI
(27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD, SYSTEM, COMPUTER PROGRAM AND COMPUTER MEMORY MEANS FOR STABILISING VIDEO IMAGE

• PROCEDE, SYSTEME, PROGRAMME INFORMATIQUE ET MOYENS DE STOCKAGE INFORMATIQUES POUR STABILISER UNE IMAGE VIDEO

(71) HANTRO PRODUCTS OY [FI/FI]; Nahkatehtaankatu 2, FIN-90100 Oulu (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TULKKI, Jarno [FI/FI]; Lehmikentäntie 20 C 7, 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 AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04N 5/44

(11) WO 02/078328 (13) A1

(21) PCT/JP01/02423

(22) 26 Mar/mar 2001 (26.03.2001)

(25) ja (26) ja

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MULTI-CHANNEL INFORMATION PROCESSOR

• PROCESSEUR D'INFORMATIONS MULTICANAL

(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) AZAMI, Toshihiro [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kanagawa 211-8588 (JP). YANO, Katsutoshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kanagawa 211-8588 (JP). MATSUSHITA, Tomoharu [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kanagawa 211-8588 (JP). YASUMOTO, Tomonori [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) ONO, Yukio; South Forest Bldg., 1-4-19, Minamimori-machi, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).

(81) CN JP US.

(84) EP (DE FR GB).

(51)⁷ H04N 5/445

(11) WO 02/078329 (13) A1

(21) PCT/EP02/01665

(22) 16 Feb/fév 2002 (16.02.2002)

(25) en (26) en

(30) 01/03881 22 Mar/mar 2001 FR
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR CONTROLLING THE USE OF AN AUDIOVISUAL DISPLAY DEVICE, DISPLAY DEVICE FOR IMPLEMENTING THE METHOD, AND GRAPHICS INTERFACE

• PROCEDE PERMETTANT DE COMMANDER L'UTILISATION D'UN DISPOSITIF D'AFFICHAGE AUDIOVISUEL, DISPOSITIF D'AFFICHAGE DESTINE A METTRE EN OEUVRE LE PROCEDE, ET INTERFACE GRAPHIQUE

(71) THOMSON LICENSING SA [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) MINGOT, Jacques [FR/FR]; 1 La Gallarderie, F-78590 Noisy le Roi (FR). CAIAZZO-GONZALES, Nathalie [FR/FR]; 70 rue Bonaparte, F-75006 Paris (FR). RODENBUCHER, Robert [FR/FR]; Thomson Multimedia, 46, Quai Alphonse Le Gallo, F-92648 Boulogne (FR).

(74) KERBER, Thierry; Thomson Multimedia, 46, Quai Alphonse Le Gallo, F-92648 Boulogne (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH 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 H04N 5/445, G06F 17/30, H04N 5/14, G11B 27/10

(11) WO 02/078330 (13) A1

(21) PCT/IB02/00705

(22) 8 Mar/mar 2002 (08.03.2002)

(25) en (26) en

(30) 09/815,104 22 Mar/mar 2001 US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • APPARATUS AND METHOD FOR DETECTING SPORTS HIGHLIGHTS IN A VIDEO PROGRAM

• APPAREIL ET PROCEDE DE DETECTION D'EVENEMENTS SPORTIFS MARQUANTS DANS UN PROGRAMME VIDEO

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) DAGTAS, Serhan; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ H04N 5/45

(11) WO 02/078331 (13) A1

(21) PCT/IB02/00746

(22) 11 Mar/mar 2002 (11.03.2002)

(25) en (26) en

(30) 60/278,319 23 Mar/mar 2001 US
(23.03.2001)

(30) 09/969,003 2 Oct/oct 2001 US
(02.10.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHODS AND APPARATUS FOR SIMULTANEOUSLY VIEWING MULTIPLE TELEVISION PROGRAMS

- PROCEDES ET APPAREIL PERMETTANT DE VISIONNER SIMULTANEMENT PLUSIEURS PROGRAMMES DE TELEVISION
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) LORD, William, P.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BELLERS, Erwin, B.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN ZON, Cornelis, C., A., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JANSSEN, Johan; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) GRAVENDEEL, Cornelis; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ H04N 5/74, G03B 21/62, G02B 27/01, H04N 9/31
- (11) WO 02/078332 (13) A1
- (21) PCT/DE02/00936
- (22) 15 Mar/mar 2002 (15.03.2002)
- (25) de (26) de
- (30) 101 14 898.4 26 Mar/mar 2001 DE (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • HOLOGRAPHIC PROJECTION SYSTEM FOR A POWER STATION CONTROL ROOM
- SYSTEME DE PROJECTION HOLOGRAPHIQUE POUR POSTE DE CONTROLE DE CENTRALE 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) GERK, Uwe [DE/DE]; Abtsdorf 64, 96158 Frensdorf (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) (u) for / pour US only / seulement
-
- (51)⁷ H04N 5/76
- (11) WO 02/078333 (13) A1
- (21) PCT/IB02/00717
- (22) 11 Mar/mar 2002 (11.03.2002)
- (25) en (26) en
- (30) 09/817,978 27 Mar/mar 2001 US (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • TV RECORDER WITH INOPERATIVE SETTOP BOX FUNCTIONS
- ENREGISTREUR TV AVEC FONCTIONS PERMETTANT DE RECONNAITRE LE DEFAUT DE FONCTIONNEMENT D'UN BOITIER DECODEUR
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) HAKEN, Jack, E.; 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
-
- (51)⁷ H04N 5/76
- (11) WO 02/078334 (13) A1
- (21) PCT/IB02/00875
- (22) 19 Mar/mar 2002 (19.03.2002)
- (25) en (26) en
- (30) 01201073.2 22 Mar/mar 2001 EP (22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MEMORY CONTROL METHOD FOR A PERSONAL VIDEO RECORDING SYSTEM
- PROCEDE DE COMMANDE DE MEMOIRE POUR SYSTEME D'ENREGISTREMENT VIDEO PERSONNEL
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) PETERS, Marc, A.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN DEN BOOMEN, Wilhelmus, H., G., 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ H04N 5/91
- (11) WO 02/078335 (13) A1
- (21) PCT/JP02/02690
- (22) 20 Mar/mar 2002 (20.03.2002)
- (25) ja (26) ja
- (30) 2001-87707 26 Mar/mar 2001 JP (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • VIDEO SIGNAL PROCESSOR AND VIDEO CAMERA
- PROCESSEUR DE SIGNAL VIDÉO ET CAMÉRA VIDÉO
- (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) TAKEMOTO, Shinji [JP/JP]; 3-201, Myokenzaka 3-chome, Katano-shi, Osaka 576-0021 (JP).
- (74) OKADA, Kazuhide; Chiyoda Bldg. Kitakan, 13-38, Naniwa-cho, Kita-ku, Osaka-shi, Osaka 530-0022 (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).
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- (51)⁷ H04N 7/08, H04J 3/00
- (11) WO 02/078336 (13) A1
- (21) PCT/JP02/02824
- (22) 25 Mar/mar 2002 (25.03.2002)
- (25) ja (26) ja
- (30) 2001-85714 23 Mar/mar 2001 JP (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DATA TRANSMITTING METHOD, DATA RECEIVING METHOD, DATA TRANSMITTING DEVICE AND DATA RECEIVING DEVICE
- PROCEDE D'EMISSION DE DONNEES, PROCEDE DE RECEPTION DE DONNEES, DISPOSITIF D'EMISSION DE DONNEES ET DISPOSITIF DE RECEPTION DE DONNEES
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). 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) OKAMOTO, Hiroshige [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). HIROE, Tetsuya [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). MURAKOSHI, Sho [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). EJIMA, Naoki [JP/JP]; 12-10, Kitakuzuhaha-cho, Hirakata-shi, Osaka 573-1102 (JP). NISHIO, Toshiro [JP/JP]; 1-89-11, Higashifunahashi, Hirakata-shi, Osaka 573-1115 (JP). KAWAMURA, Akihisa [JP/JP]; 1-18-21-504, Higashinakaburi, Hirakata-shi, Osaka 573-0093 (JP). SUZUKI, Hidekazu [JP/JP]; 469-1, Tsutsui-cho, Yamatokoriyama-shi, Nara 639-1123 (JP).
- (74) HAYASE, Kenichi; Hayase & Co. Patent Attorneys, 13F, Nissay Shin-osaka Bldg., 3-4-30, Miyahara, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (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).
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- (51)⁷ H04N 7/10
- (11) WO 02/078337 (13) A1
- (21) PCT/KR02/00487
- (22) 22 Mar/mar 2002 (22.03.2002)
- (25) ko (26) en
- (30) 2001/0008137 U 23 Mar/mar 2001 KR (23.03.2001)
- (30) 2001/0024100 U 8 Aug/août 2001 KR (08.08.2001)
- (30) 2001/0024068 U 8 Aug/août 2001 KR (08.08.2001)

(30) 2002/0010248 26 Feb/fév 2002 KR
(26.02.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SPLITTING SYSTEM AND METHOD FOR CONTROLLING TRANSMITTING PATH IN ACCORDANCE WITH SUBSCRIBER'S IDENTITY

• SYSTEME DE DIVISION ET PROCEDE DE CONTROLE D'UNE VOIE DE TRANSMISSION CONFORMEMENT A L'IDENTITE DE L'ABONNE

(71) UNICSTECHNOLOGY CO., LTD. [KR/KR]; 3F Myeongseong Bldg., 545-7 Dogok-dong, Gangnam-gu, Seoul 135-270 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) KIM, Chang-Bok [KR/KR]; 110-803 Sindonga APT., 583-6 Pungmu-dong, Gimpo-si, Gyeonggi-do 415-755 (KR).

(74) LEE, Kyeong-Ran; 502 BYC Bldg., 648-1 Yeoksam 1-dong, Kangnam-ku, Seoul 135-081 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 H04N 7/14

(11) WO 02/078338 (13) A1

(21) PCT/US02/09137

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/278,305 22 Mar/mar 2001 US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HIGH RESOLUTION GRAPHICS SIDE CHANNEL IN VIDEO CONFERENCE

• CANAL LATERAL A GRAPHISME HAUTE RESOLUTION EN VIDEO-CONFERENCE

(71) POLYCOM, INC. [US/US]; 1565 Barber Lane, Milpitas, CA 95035 (US).

(72) KENOYER, Michael; 1565 Barber Lane, Milpitas, CA 95035 (US). VANDERWILT, Patrick; 1565 Barber Lane, Milpitas, CA 95035 (US).

(74) CARR & FERRELL LLP et al. / etc.; Susan Yee, 2225 East Bayshore Rd., Suite 200, Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 H04N 7/16, 5/445

(11) WO 02/078339 (13) A1

(21) PCT/IB02/00969

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 09/815,856 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR RECOMMENDING TELEVISION PROGRAMMING THROUGH A CELEBRITY OR USING A CELEBRITY PROFILE

• PROCEDE ET APPAREIL DE RECOMMANDATION DE PROGRAMMATION TELEVISUELLE PAR LE BIAIS D'UNE CELEBRITE OU LE RECOURS A UN PROFIL VEDETTE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) ZIMMERMAN, John; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) UITTENBOGAARD, Frank; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ H04N 7/167

(11) WO 02/078340 (13) A2

(21) PCT/EP02/03235

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 01201136.7 23 Mar/mar 2001 EP
(23.03.2001)

(30) 01203969.9 22 Oct/oct 2001 EP
(22.10.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MONITORING APPARATUS, COMPUTER PROGRAM AND NETWORK FOR SECURE DATA STORAGE

• DISPOSITIF DE SURVEILLANCE, PROGRAMME INFORMATIQUE ET RESEAU POUR STOCKAGE DE DONNEES PROTEGE

(71) KONINKLIJKE KPN N.V. [NL/NL]; Stationsplein 7, NL-9726 AE Groningen (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GELBORD, Boaz, Simon [CA/NL]; Nieuwe Prinsengracht 80, NL-1018 VV Amsterdam (NL). ROELOFSEN, Gerrit [NL/NL]; Rijndijk 60-A, NL-2331 AH Leiden (NL).

(74) WUYTS, Koenraad, Maria; Koninklijke KPN N.V., P.O. Box 95321, NL-2509 CH The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ H04N 7/167, H04L 9/08

(11) WO 02/078341 (13) A2

(21) PCT/US02/08884

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 60/277,486 21 Mar/mar 2001 US
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INTERFACE PROTECTION SYSTEM FOR PROTECTING COMMUNICATIONS BETWEEN INTEGRATED CIRCUITS

• SYSTEME DE PROTECTION D'INTERFACE DESTINE A PROTEGER DES COMMUNICATIONS ENTRE CIRCUITS INTEGRES

(71) THOMSON LICENSING S.A. [FR/FR]; 46, quai A. Le Gallo, 92648 Boulogne Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HORLANDER, Thomas, Edward [US/US]; 6234 Haverford Avenue, Indianapolis, IN 46220 (US). HORLANDER, Karl, Francis [US/US]; 9041 Buckthorne, Indianapolis, IN 46260 (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 TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/078342 (13) A2

(21) PCT/CA02/00396

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

- (30) 2,341,813 **22 Mar/mar 2001** CA
(22.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • A METHOD OF COMMUNICATING OVER AN INTERACTIVE MEDIUM
- PROCEDE DE COMMUNICATION DANS UN SUPPORT INTERACTIF
- (71) **3GENIUS CORPORATION** [CA/CA]; c/o Goodman and Carr LLP, 2300 - 200 King Street West, Toronto, Ontario M5H 3W5 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RITCHIE, Arlen** [CA/CA]; 1210 - 109 Front Street East, Toronto, Ontario M5A 4P7 (CA). **RITCHIE, Grant** [CA/CA]; 1210 - 109 Front Street East, Toronto, Ontario M5A 4P7 (CA). **WHITE, Jason** [CA/CA]; 168 King Street East, Suite 603, Toronto, Ontario M5A 4S4 (CA).
- (74) **NENNIGER, James, T.**; Piasetzki & Nenniger, Suite 2308, 120 Adelaide Street West, Toronto, Ontario M5H 1T1 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 7/173
- (11) **WO 02/078344** (13) A1
- (21) PCT/KR02/00511
- (22) **25 Mar/mar 2002 (25.03.2002)**
- (25) ko (26) en
- (30) 2001/15799 **26 Mar/mar 2001** KR
(26.03.2001)
- (30) 2002/14568 **18 Mar/mar 2002** KR
(18.03.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR PROCESSING MOVING PICTURES RESPONDING TO USER'S ACTION
- PROCEDE DE TRAITEMENT D'IMAGES ANIMEES EN REPOSE A L'ACTION DE L'UTILISATEUR
- (71, 72) **AN, Hyun-gi** [KR/KR]; 103-502, Indokwon Daewoo Apt., 75-2, Pyongchon-Dong, Dongan-Gu, Anyang-Si, Kyunggi-Do 431-070 (KR).
- (74) **L & K PATENT FIRM**; 701, Daekun Bldg., 822-5, Yeoksam-Dong, Kangnam-Gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/078343** (13) A1
- (21) PCT/EP02/02645
- (22) **11 Mar/mar 2002 (11.03.2002)**
- (25) en (26) en
- (30) 01400754.6 **23 Mar/mar 2001** EP
(23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD FOR ESTABLISHING A CONNECTION BETWEEN AN INTERACTIVE NETWORK ADAPTER AND A NETWORK INTERFACE UNIT AS WELL AS NETWORK INTERFACE UNIT AND INTERACTIVE NETWORK ADAPTER
- PROCEDE POUR ETABLIR UNE CONNEXION ENTRE UN ADAPTEUR DE RESEAU INTERACTIF ET UNE UNITE D'INTERFACE RESEAU ET UNITE D'INTERFACE RESEAU ET ADAPTEUR DE RESEAU INTERACTIF CORRESPONDANTS
- (71) **THOMSON LICENSING S.A.** [FR/FR]; 46 Quai A. le Gallo, F-92100 Boulogne-Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BURGUIERE, Guillaume** [FR/FR]; 1 rue du Portail, F-35135 Rennes (FR). **ADAM, Franck** [FR/FR]; 6 Place du Général Koenig, F-35000 Rennes (FR).
- (74) **SCHÄFERJOHANN, Volker**; Deutsche Thomson-Brandt GMBH, European Patent
- Operations, Karl-Wiechert-Allee 74, 30625 Hannover (DE).
- (81) 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).
-
- (51)⁷ H04N 7/173
- (11) **WO 02/078344** (13) A1
- (21) PCT/KR02/00511
- (22) **25 Mar/mar 2002 (25.03.2002)**
- (25) ko (26) en
- (30) 2001/15799 **26 Mar/mar 2001** KR
(26.03.2001)
- (30) 2002/14568 **18 Mar/mar 2002** KR
(18.03.2002)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND DEVICE FOR CORRECTING AN IMAGE, PARTICULARLY FOR OCCUPANT PROTECTION SYSTEMS
- PROCEDE ET DISPOSITIF POUR CORRIGER UNE IMAGE, EN PARTICULIER POUR SYSTEMES DE PROTECTION DE PASSAGERS
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOEHLER, Thorsten** [DE/DE]; Am Haslach 17, 93180 Deuerling (DE). **WAGNER, Ulrich** [DE/DE]; Neuprüll 5, 93051 Regensburg (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ H04N 7/24, 5/00
- (11) **WO 02/078347** (13) A1
- (21) PCT/EP02/02240
- (22) **1 Mar/mar 2002 (01.03.2002)**
- (25) en (26) en
- (30) 01250107.8 **24 Mar/mar 2001** EP
(24.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • A METHOD AND MICROPROCESSOR SYSTEM FOR FORMING AN OUTPUT DATA STREAM COMPRISING METADATA
- PROCEDE ET SYSTEME MICROPROCESSEUR SERVANT A ELABORER UN TRAIN DE DONNEES DE SORTIE COMPOSE DE METADONNEES
- (71) **THOMSON LICENSING S.A.** [FR/FR]; 46 Quai A. le Gallo, F-92100 Boulogne-Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HEPPER, Dietmar** [DE/DE]; Wernigeroder Weg 41, 30419 Hannover (DE).

(74) **HARTNACK, Wolfgang**; Deutsche Thomson-Brandt GmbH, European Patent Operations, Karl-Wiechert-Allee 74, 30625 Hannover (DE).

(81) CN IN 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).

(51)⁷ H04N 7/24

(11) **WO 02/078348** (13) A2

(21) PCT/IB02/02602

(22) **25 Mar/mar 2002 (25.03.2002)**

(25) en (26) en

(30) 60/278,193 **23 Mar/mar 2001 US (23.03.2001)**

(30) Not furnished / **25 Mar/mar 2002 US non communiqué (25.03.2002)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR STREAMING VIDEO

- PROCEDE ET APPAREIL DE DIFFUSION VIDEO EN CONTINU

(71) **POPWIRE.COM** [SE/SE]; Kungsbroplan 3A, S-112 27 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NORSTROM, Anders** [—/SE]; Trolivagen 5, S-152 70 Sodertalje (SE). **JOHANSSON, Kay** [—/SE]; c/o Larsson, Vastergarden 237, S-186 37 Vallentuna (SE). **KARLSSON, Kent** [—/SE]; Vinkelbacken 2, S-177 40 Jarfalla (SE). **PETTERSSON, Emil** [—/SE]; Vinkelbacken 2, S-177 40 Jarfalla (SE). **KJELL, Thomas** [—/SE]; Kantarellstigen 46, S-144 40 Ronninge (SE).

(74) **GLANZMAN, Gerald, H.**; Jenkins & Gilchrist, P.C., 1445 Ross Avenue, Suite 3200, Dallas, TX 75202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 7/24

(11) **WO 02/078349** (13) A2

(21) PCT/IB02/00867

(22) **11 Mar/mar 2002 (11.03.2002)**

(25) en (26) en

(30) 09/814,656 **22 Mar/mar 2001 US (22.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SMART QUALITY SETTING FOR PERSONAL TV RECORDING

- REGLAGE DE QUALITE INTELLIGENT POUR ENREGISTREMENT TV PERSONNEL

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **CHEN, Yingwei**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octroobureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H04N 7/26, 7/50

(11) **WO 02/078350** (13) A1

(21) PCT/CN02/00110

(22) **25 Feb/fév 2002 (25.02.2002)**

(25) zh (26) zh

(30) 01 1 09026.X **27 Feb/fév 2001 CN (27.02.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A METHOD FOR PRE-DELETING NOISE OF IMAGE

- PROCEDE DE PRESUPPRESSION DU BRUIT D'UNE IMAGE

(71) **HUAWEI TECHNOLOGIES CO., LTD.** [CN/CN]; Science-Based Industrial Park, Huawei Service Centre Building Kefa Road, Nanshan District, Shenzhen, Guangdong 518057 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **XIONG, Lianhuan** [CN/CN]; Science-Based Industrial Park, Huawei Service Centre Building, Kefa Road, Nanshan District, Shenzhen, Guangdong 518057 (CN). **CHEN, Zhen** [CN/CN]; Science-Based Industrial Park, Huawei Service Centre Building, Kefa Road, Nanshan District, Shenzhen, Guangdong 518057 (CN). **WANG, Jing** [CN/CN]; Science-Based Industrial Park, Huawei Service Centre Building, Kefa Road, Nanshan District, Shenzhen, Guangdong 518057 (CN). **WANG, Hongyuan** [CN/CN]; Science-Based Industrial Park, Huawei Service Centre Building, Kefa Road, Nanshan District, Shenzhen, Guangdong 518057 (CN).

(74) **KANGXIN & PARTNERS**; Suite 2313, Xinlong Mansion, A33 Erlonglu, Xicheng District, Beijing 100032 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04N 7/26, G06K 9/00, H04N 7/52

(11) **WO 02/078351** (13) A1

(21) PCT/DE02/01139

(22) **27 Mar/mar 2002 (27.03.2002)**

(25) de (26) de

(30) 201 05 360.8 **27 Mar/mar 2001 DE (27.03.2001)**

(30) 201 05 531.7 **28 Mar/mar 2001 DE (28.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND DEVICE FOR TRANSMITTING VIDEO AND/OR AUDIO DATA

- PROCEDE ET DISPOSITIF DE TRANSMISSION DE DONNEES VIDEO ET / OU AUDIO

(71) **VOXAR AG** [DE/DE]; Hanebergerstrasse 2, 80637 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAMMER, Daniel** [DE/DE]; Hanebergerstrasse 2, 80637 München (DE).

(74) **LINDNER, Manfred, K.**; Gottfried-Böhm-Ring 25, 81369 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04N 7/26

(11) **WO 02/078352** (13) A1

(21) PCT/DE02/00987

(22) **19 Mar/mar 2002 (19.03.2002)**

(25) de (26) de

(30) 101 13 880.6 **21 Mar/mar 2001 DE (21.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR COMPRESSING AND DECOMPRESSING VIDEO DATA

- PROCEDE DE COMPRESSION ET DE DECOMPRESSION DE DONNEES VIDEO

(71) **T-MOBILE DEUTSCHLAND GMBH** [DE/DE]; Landgrabenweg 151, 53227 Bonn (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOSSAKOWSKI, Gerd** [DE/DE]; Im Klosterskamp 8, 59227 Ahlen (DE).

(74) **T-MOBILE DEUTSCHLAND GMBH**; Patentabteilung, Landgrabenweg 151, 53227 Bonn (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG

SI SK SL TJ TM TN TR TT TZ UA UG US
UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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)

Declaration / Déclaration :

(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DK DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA
ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ
TM) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT 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 7/26, 7/50, 7/36

(11) WO 02/078353 (13) A1

(21) PCT/SE02/00608

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/818,043 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • LOW COMPLEXITY VIDEO DECODING
• DÉCODAGE VIDÉO DE FAIBLE COMPLEXITÉ

(71) TELEFONAKTIEBOLAGET L M ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) BRUSEWITZ, Harald; Vivelvägen 31, S-125 33 Älvsjö (SE).

(74) GULLSTRAND, Malin; Ericsson Radio Systems AB, Patent Unit Research, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04N 7/26, 7/50

(11) WO 02/078354 (13) A2

(21) PCT/US02/07384

(22) 11 Mar/mar 2002 (11.03.2002)

(25) en (26) en

(30) 09/816,290 21 Mar/mar 2001 US
(21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • TRACK FOR IMPROVED VIDEO COMPRESSION

- PISTE POUR COMPRESSION AMÉLIORÉE DE DONNÉES VIDÉO

(71) APPLE COMPUTER, INC. [US/US]; Infinite Loop, Cupertino, CA 95014-2084 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CULBERT, Michael, F. [US/US]; 18500 Hillview Drive, Monte Sereno, CA 95030 (US).

(74) VILLENEUVE, Joseph, M.; BEYER WEAVER & THOMAS, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ 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 7/30 // G06T 9/00

(11) WO 02/078355 (13) A1

(21) PCT/FI02/00249

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 60/278,383 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • VARIABLE LENGTH CODING
• CODAGE A LONGUEUR VARIABLE

(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) KARCZEWICZ, Marta [PL/US]; 1224 Hidden Ridge, #3097, Irving, TX 75038 (US).

(74) TAMPEREEN PATENTTITOIMISTO OY; Hermiankatu 6, FIN-33720 Tampere (FI).

(81) AE AG AL AM AT AT (Utility model /
modèle d'utilité) AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ CZ (Utility
model / modèle d'utilité) DE DE (Utility
model / modèle d'utilité) DK DK (Utility
model / modèle d'utilité) DM DZ EC EE EE
(Utility model / modèle d'utilité) ES FI FI
(Utility model / modèle d'utilité) GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD
MG MK MN MW MX MZ NO NZ OM PH
PL PT RO RU SD SE SG SI SK SK (Utility
model / modèle d'utilité) SL TJ TM TN TR
TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 9/64

(11) WO 02/078356 (13) A1

(21) PCT/JP02/02835

(22) 25 Mar/mar 2002 (25.03.2002)

(25) ja (26) ja

(30) 2001-86778 26 Mar/mar 2001 JP
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • IMAGE PROCESSING SYSTEM, INFORMATION STORAGE MEDIUM, AND IMAGE PROCESSING METHOD

- SYSTEME ET PROCÉDE DE TRAITEMENT D'IMAGES, ET SUPPORT DE STOCKAGE D'INFORMATIONS

(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WADA, Osamu [JP/JP]; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) INOUE, Hajime et al. / etc.; 2nd Floor, Ogikubo TM Bldg., 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167-0051 (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 H04N 9/79

(11) WO 02/078357 (13) A1

(21) PCT/IB02/00761

(22) 8 Mar/mar 2002 (08.03.2002)

(25) en (26) en

(30) 01201159.9 26 Mar/mar 2001 EP
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • STORAGE OF MULTI-MEDIA ITEMS
• STOCKAGE D'ÉLÉMENTS MULTIMÉDIA

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) VAN DER VLEUTEN, Renatus, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
KLEIHORST, Richard, P.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Internationale Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(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 H04N 17/00, 7/52

(11) WO 02/078358 (13) A1

(21) PCT/GB02/01074

(22) 8 Mar/mar 2002 (08.03.2002)

(25) en (26) en

(30) 01302689.3 23 Mar/mar 2001 EP
(23.03.2001)

- (43) 3 Oct/oct 2002 (03.10.2002)
(54) • MULTIMODAL QUALITY ASSESSMENT
• EVALUATION MULTIMODALE DE LA QUALITE

(71) BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; 81 Newgate Street, London, Greater London EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HANDS, David, Sneddon [GB/GB]; 2 Sheridan Walk, Lexden, Colchester, Essex CO3 4HB (GB).

(74) LLOYD, Barry, George; Intellectual Property Dept, Holborn Centre, 8th Floor, 120 Holborn, London, Greater 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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 1/00

(11) WO 02/078359 (13) A2

(21) PCT/US02/09196

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/815,386 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • INSULATION STRIP FOR A POTS SPLITTER CARD
• BANDE ISOLANTE POUR CARTE FILTRE

(71) ADC TELECOMMUNICATIONS, INC. [US/US]; 13625 Technology Drive, Eden Prairie, MN 55344-2252 (US).

(72) WITTY, Amy; 14765 Cherry Court N.E., Prior Lake, MN 55372 (US). PIEHL, Jason; 13937 Euclid Court, Apple Valley, MN 55124 (US).

(74) DAIGNAULT, Ronald, A.; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 1/14

(11) WO 02/078360 (13) A2

(21) PCT/US02/08907

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/815,161 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CARD REINFORCING SYSTEM FOR A POTS SPLITTER CHASSIS

• SYSTEME DE RENFORCEMENT DE CARTES POUR CHASSIS DE DIVISEUR DE SERVICE TELEPHONIQUE TRADITIONNEL

(71) ADC TELECOMMUNICATIONS, INC. [US/US]; 13625 Technology Drive, Eden Prairie, MN 55344-2252 (US).

(72) WITTY, Amy; 14765 Cherry Court N.E., Prior Lake, MN 55372 (US). BADE, Todd, M.; 3815 63rd St. East, Inver Grove Heights, MN 55076 (US).

(74) DAIGNAULT, Ronald, A.; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 3/00

(11) WO 02/078361 (13) A1

(21) PCT/CN02/00148

(22) 13 Mar/mar 2002 (13.03.2002)

(25) zh (26) zh

(30) 01112519.5 28 Mar/mar 2001 CN (28.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A METHOD OF MULTILANGUAGE PROMPTS IN INTELLIGENT NETWORK

• PROCEDE DE PRODUCTION D'INVITES MULTILINGUES DANS UN RESEAU INTELLIGENT

(71) HUAWEI TECHNOLOGIES CO., LTD. [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZHANG, Wei [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). YING, Jian [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). MO, Xiaojun [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). TANG, Jingen [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). MEI, Shaojie [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).

(74) KANGXIN & PARTNERS; Suite 2313, Xinlong Mansion, A33 Erlonglu, Xicheng District, Beijing 100032 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 3/00, H04L 12/64, 11/04

(11) WO 02/078362 (13) A1

(21) PCT/EP01/03305

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A METHOD FOR TRANSMITTING DATA IN A COMMUNICATION NETWORK

• PROCEDE DE TRANSMISSION DE DONNEES DANS UN RESEAU DE COMMUNICATION

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WALLENIUS, Jukka [FI/FI]; Keinutie 8 G 41, FIN-00940 Helsinki (FI). VITIKAINEN, Timo [FI/FI]; Sinitiaisenpolku 4 A3, FIN-02660 Espoo (FI). VESIKIVI, Petri [FI/FI]; Kyyhkysmäki 22 A9, FIN-02660 Espoo (FI).

(74) LESON, Thomas, Johannes, Alois; 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 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 H04Q 3/00

(11) WO 02/078363 (13) A1

(21) PCT/EP02/01022

(22) 31 Jan/jan 2002 (31.01.2002)

(25) de (26) de

(30) 01107189.1 22 Mar/mar 2001 EP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR THE SELECTIVE AND COLLECTIVE TRANSMISSION OF MESSAGES IN A TMN NETWORK

- PROCEDE DE REACHEMINEMENT SELECTIF ET COLLECTIF DE MESSAGES DANS UN RESEAU DE GESTION DE TELECOMMUNICATIONS

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURGER, Alan [US/DE]; Am Winkel 6, 82407 Wielenbach (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AU 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 : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AU CN 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 H04Q 3/00, H04M 3/22

(11) WO 02/078364 (13) A1

(21) PCT/EP02/02525

(22) 7 Mar/mar 2002 (07.03.2002)

(25) de (26) de

(30) 01107062.0 21 Mar/mar 2001 EP (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR MANAGING MONITORING DATA

- PROCEDE DE GESTION DE DONNEES DE CONTROLE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STIFTER, Helmut [DE/DE]; Taulerstr. 12, 81739 München (DE). KREUSCH, Norbert [DE/DE]; Ammerseeestr. 4, 82061 Neuried (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) BR CN RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : BR CN RU 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 H04Q 3/00

(11) WO 02/078365 (13) A1

(21) PCT/US02/09094

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/277,689 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • PROGRAMMABLE NETWORK SERVICE NODE

- NOEUD DE SERVICE DE RESEAU PROGRAMMABLE

(71) PELAGO NETWORKS, INC. [US/US]; 260 Cedar Hill Street, Marlborough, MA 01752 (US).

(72) DUBOIS, Jean, F.; 7 Blanchard Road, Harvard, MA 01451 (US). STAUB, Ronald, E.; 3 Rawson Place, Shrewsbury, MA 01545 (US).

(74) GAUDET, Daniel, P. et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 3/66, H04M 15/00

(11) WO 02/078366 (13) A2

(21) PCT/CA02/00379

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/277,628 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND SYSTEM FOR MULTI-PROVIDER COMPETITIVE TELECOMMUNICATIONS SERVICES

- PROCEDE ET SYSTEME D'APPEL D'OFFRES DE SERVICES DE TELECOMMUNICATIONS A PLUSIEURS PRESTATAIRES

(71) INTERNET OPERATOR (ASIA) PTE. LTD. [SG/SG]; 92 Riverina View, Singapore 518441 (SG).

(71, 72) LANG, Alexander, C. [CA/CA]; 46 McGill Street, Toronto, Ontario M5B 1N2 (CA).

(74) WOOD, Max, R. et al. / etc.; Ogilvy Renault, 1981 McGill College Avenue, Suite 1600, Montreal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 7/00

(11) WO 02/078367 (13) A2

(21) PCT/DE02/01007

(22) 20 Mar/mar 2002 (20.03.2002)

(25) de (26) de

(30) 101 13 839.3 21 Mar/mar 2001 DE (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • ADDITIONAL ANTENNA FOR MOBILE RADIO DEVICES

- ANTENNE SUPPLEMENTAIRE POUR POSTES RADIOTELEPHONIQUES 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) PAN, Sheng-Gen [DE/DE]; Wilhelm-Raabe-Strasse 9, 47475 Kamp-Lintfort (DE). NEVERMANN, Peter [DE/DE]; Kolpingstrasse 69, 47647 Kerken (DE). LARKAMP, Markus [DE/DE]; Uerdingerstrasse 333, 47800 Krefeld (DE).

(81) CN IN 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 H04Q 7/00

(11) WO 02/078368 (13) A2

(21) PCT/IB01/02298

(22) 4 Dec/déc 2001 (04.12.2001)

(25) en (26) en

(30) 60/251,042 5 Dec/déc 2000 US (05.12.2000)

(30) 60/255,897 18 Dec/déc 2000 US (18.12.2000)

(30) 60/266,341 5 Feb/fév 2001 US (05.02.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MOBILE BRANCH EXCHANGE

- CENTRAL SECONDAIRE MOBILE

(71, 72) PLAhte, Ivar [NO/GB]; 4 Bristol Gardens, London W9 2JG (GB). EVENSEN, Sven [NO/GB]; 1 Woodlodge, Woodfield Lane, Ashted, Surrey KT21 2DJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR

HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA
UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ H04Q 7/00, H04B 7/212

(11) WO 02/078369 (13) A1

(21) PCT/US01/50272

(22) 19 Dec/déc 2001 (19.12.2001)

(25) en (26) en

(30) 09/818,423 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND SYSTEM TO PROVIDE
INCREASED DATA THROUGHPUT IN
A WIRELESS MULTI-HOP NETWORK

• PROCEDE ET SYSTEME PERMET-
TANT D'AUGMENTER LE DEBIT DE
DONNEES DANS UN RESEAU SANS
FIL A PLUSIEURS BONDS

(71) FHP WIRELESS, INC. [US/US]; 1730
South Amphlett Boulevard, Suite 114, San
Mateo, CA 94402 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SRIKRISHNA, Devabhaktuni
[IN/US]; 63 Bovet Road #418, San Mateo,
CA 94402 (US). CHARI, Amalavoyal
[IN/US]; 1730 S. Amphlett Boulevard,
Suite 114, San Mateo, CA 94402 (US).
BEHROOZI, Cyrus [US/US]; 530 Webster
Street #7, Palo Alto, CA 94301 (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 CH CY DE DK ES
FI FR GB GR IE IT 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 7/00

(11) WO 02/078370 (13) A2

(21) PCT/US02/04884

(22) 19 Feb/fév 2002 (19.02.2002)

(25) en (26) en

(30) 09/815,858 22 Mar/mar 2001 US
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND SYSTEM FOR PROVID-
ING MESSAGE SERVICES IN A COM-
MUNICATION SYSTEM

• PROCEDE ET SYSTEME PERMET-
TANT DE FOURNIR DES SERVICES
DE MESSAGERIE DANS UN SYSTEME
DE COMMUNICATION

(71) SIEMENS INFORMATION AND COM-
MUNICATION MOBILE LLC [US/US];
16745 West Bernardo Drive, Suite 400, San
Diego, CA 92127 (US).

(72) BROOKING, Michael A.; 410 Rangely
Drive, Colorado Springs, CO 80921 (US).
Williams, Jr., William H.; 5932 Bestview
Way, Colorado Springs, CO 80918 (US).

(74) KALER, Stuart P. 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 UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 7/00

(11) WO 02/078371 (13) A2

(21) PCT/US02/08731

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/816,558 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • TIME MULTIPLEXED TRANSMIS-
SION SCHEME FOR A SPREAD SPEC-
TRUM COMMUNICATION SYSTEM

• SCHÉMA DE TRANSMISSION À MUL-
TIPLEXAGE TEMPOREL DESTINÉ À
UN SYSTÈME DE COMMUNICATION
À ÉTALEMENT DU SPECTRE

(71) QUALCOMM INCORPORATED
[US/US]; 5775 Morehouse Drive, San Diego,
CA 92121-1714 (US).

(72) BENDER, Paul; 2879 Angell Avenue, San
Diego, CA 92122 (US). JALALI, Ahmad;
5624 Willowmere Lane, San Diego, CA
92130 (US). JUDSON, Bruce; 66 High-
land Drive, San Luis Obispo, CA 93405
(US). PADOVANI, Roberto; 13593 Penfield
Point, San Diego, CA 92130 (US). WHEAT-
LEY, Charles, E., III; 570 Torrey Point
Road, Del Mar, CA 92014 (US).

(74) WADSWORTH, Philip, R. et al. / etc.;
Qualcomm Incorporated, 5775 Morehouse
Drive, San Diego, CA 92121-1714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 7/00

(11) WO 02/078372 (13) A2

(21) PCT/US02/08732

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/816,559 23 Mar/mar 2001 US
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • WIRELESS COMMUNICATIONS
WITH AN ADAPTIVE ANTENNA
ARRAY

• COMMUNICATIONS SANS FIL AVEC
RESEAU D'ANTENNE ADAPTATIVE

(71) QUALCOMM INCORPORATED
[US/US]; 5775 Morehouse Drive, San Diego,
CA 92121-1714 (US).

(72) CHEN, Tao; 5415 Harvest Run Drive, San
Diego, CA 92130 (US). SIMON, Harris;
13937 Dodder Court, Poway, CA 92064 (US).

(74) WADSWORTH, Philip, R. et al. / etc.;
Qualcomm Incorporated, 5775 Morehouse
Drive, San Diego, CA 92121-1714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 7/00

(11) WO 02/078373 (13) A1

(21) PCT/US02/09159

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 60/278,785 26 Mar/mar 2001 US
(26.03.2001)

(30) 09/834,800 13 Apr/avr 2001 US
(13.04.2001)

(30) 10/015,104 11 Dec/déc 2001 US
(11.12.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR PROACTIVE PERSON-
ALIZATION AND ALERTS TO MOBILE
DEVICES

• PROCEDE DE PERSONNALISATION
PROACTIVE ET DE NOTIFICATIONS
AUX DISPOSITIFS MOBILES

(71) AGEA CORPORATION [US/US]; 5918
West Courtyard Drive, Suite 250, Austin, TX
78730 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NELS, Michael, J. [US/US]; 3314 Look-
out Lane, Austin, TX 78746 (US). BONA,

Louis, V. [US/US]; 7631 U.S. Highway 290 West, Apt. 226, Austin, TX 78736 (US).

(74) MEYER, George, R.; Gray Cary Ware & Freidenrich LLP, 1221 S. MoPac Expressway, Suite 400, Austin, TX 78746-6875 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 7/22

(11) WO 02/078374 (13) A1

(21) PCT/DE02/01055

(22) 22 Mar/mar 2002 (22.03.2002)

(25) de (26) de

(30) 101 14 112.2 22 Mar/mar 2001 DE (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR ADDRESSING SHORT MESSAGES TO AT LEAST ONE TERMINAL SUITABLE FOR RECEIVING THE SAME IN A FIXED NETWORK

• PROCEDE D'ADRESSAGE DE MESSAGES COURTS A AU MOINS UN TERMINAL DE RESEAU FIXE, APPROPRIE POUR LA RECEPTION DUDIT MESSAGE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOERTZ, Werner [DE/DE]; An der Seikenkapelle 19, 46282 Dorsten (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
(u) for / pour US only / seulement

(51)⁷ H04Q 7/32

(11) WO 02/078375 (13) A1

(21) PCT/FR02/01024

(22) 22 Mar/mar 2002 (22.03.2002)

(25) fr (26) fr

(30) 01/03909 22 Mar/mar 2001 FR (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RADIOCOMMUNICATION MODULE HOSTING AND EXECUTING

A CLIENT SOFTWARE, AND CORRESPONDING METHOD FOR IMPLEMENTING A DRIVING CLIENT SOFTWARE

• MODULE DE RADIOCOMMUNICATION HEBERGEANT ET EXECUTANT UN LOGICIEL CLIENT, ET PROCEDE CORRESPONDANT DE MISE EN OEUVRE D'UN LOGICIEL CLIENT DE PILOTAGE

(71) WAVECOM SA [FR/FR]; 39 rue du Gouverneur Général Eboué, F-92442 Issy-Les-Moulineaux Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MONTES, Jacques [FR/FR]; 36 Ile de Beauté, F-94130 Nogent sur Marne (FR).

(74) CABINET PATRICE VIDON; Patrice VIDON et al, 2 Allée Antoine Becquerel, Le Nobel - Bât. A, BP 90333, F-35703 Rennes 7 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 7/32

(11) WO 02/078376 (13) A1

(21) PCT/FR02/01028

(22) 22 Mar/mar 2002 (22.03.2002)

(25) fr (26) fr

(30) 01/03909 22 Mar/mar 2001 FR (22.03.2001)

(30) 01/12693 2 Oct/oct 2001 FR (02.10.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RADIOCOMMUNICATION MODULE EXECUTING A MAIN SOFTWARE AND A CLIENT SOFTWARE COMPRISING SEVERAL CLIENT APPLICATIONS

• MODULE DE RADIOCOMMUNICATION EXECUTANT UN LOGICIEL PRINCIPAL ET UN LOGICIEL CLIENT COMPRENANT PLUSIEURS APPLICATIONS CLIENTES

(71) WAVECOM SA [FR/FR]; 12 Boulevard Garibaldi, F-92442 ISSY-LES-MOULINEAUX (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MONTES, Jacques [FR/FR]; 36 Ile de Beauté, F-94130 NOGENT SUR MARNE (FR).

(74) CABINET PATRICE VIDON; Patrice VIDON et al, 2 Allée Antoine Becquerel, Le Nobel - Bât. A, F-35703 RENNES 7 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 7/36

(11) WO 02/078377 (13) A1

(21) PCT/US01/09747

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en (26) en

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND SYSTEM FOR MODELING A RADIO COMMUNICATIONS NETWORK
• PROCEDE ET SYSTEME DE MODELISATION D'UN RESEAU DE RADIOCOMMUNICATION

(71) VERIZON LABORATORIES INC. [US/US]; 600 Hidden Ridge Drive, Irving, TX 75038 (US).

(72) FREEMAN, David; 24 Kenmar Drive #228, Billerica, MA 01821-4811 (US). BOYER, Pete, A.; 88 Beacon Street #53, Somerville, MA 02143 (US). VICHARELLI, Pablo; 151 Munroe Hill Road, Carlisle, MA 01741 (US).

(74) SUCHYTA, Leonard, C.; c/o Christian R. Andersen, 600 Hidden Ridge Drive, Mailcode HQE03H01, Irving, TX 75038 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/38, 7/22

(11) WO 02/078378 (13) A1

(21) PCT/FR02/00972

(22) 20 Mar/mar 2002 (20.03.2002)

(25) fr (26) fr

(30) 01/03872 22 Mar/mar 2001 FR (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • LOCATION DATA MONITORING SYSTEM FOR DEVICES THAT CAN BE GEOLOCATED
• SYSTEME DE SUPERVISION DE DONNEES DE LOCALISATION DE DISPOSITIFS GEOLocalISABLES

(71) **ALTERNIS** [FR/FR]; 3, Avenue Galliéni, F-92000 Nanterre (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAKOWSKI, Wojciech** [PL/FR]; 13, rue Franklin Roosevelt, F-78360 Montesson (FR).

(74) **LOISEL, Bertrand et al.** / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris 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 CH CY DE DK ES FI FR GB GR IE 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 **H04Q 7/38, H04J 13/00**

(11) **WO 02/078379** (13) A1
(21) PCT/JP02/02839
(22) **25 Mar/mar 2002 (25.03.2002)**
(25) ja (26) ja
(30) 2001-88095 **26 Mar/mar 2001 JP (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CDMA RADIO BASE STATION APPARATUS AND DUPLEXING SYSTEM THEREOF
• STATION RADIO FIXE AMCR ET SYSTEME DE DUPLEXAGE S'Y RAPPORTANT

(71) **NEC CORPORATION** [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OHWADA, Hideki** [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP).

(74) **YAMASHITA, Johei**; Yamashita & Associates, Toranomom 40th Mori Bldg., 13-1, Toranomom 5-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CA 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 **H04Q 7/38, 7/32**

(11) **WO 02/078380** (13) A1
(21) PCT/KR02/00145
(22) **31 Jan/jan 2002 (31.01.2002)**
(25) en (26) en
(30) 2001/15601 **26 Mar/mar 2001 KR (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CDMA TERMINAL FOR PROVIDING ROAMING SERVICE TO GSM SERVICE SUBSCRIBER IN CDMA SERVICE AREA

• TERMINAL CDMA DESTINE A FOURNIR UN SERVICE D'ITINERANCE A UN ABONNE AU SERVICE GSM DANS UNE ZONE DE SERVICE CDMA

(71) **KTFREETEL CO., LTD.** [KR/KR]; 890-20, Daechi-dong, Gangnam-ku, 135-280 Seoul (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AHN, Byung-Ik** [KR/KR]; 1102, Jayang2-cha Hyundai apt., 761, Jayang3-dong, Kwangjin-ku, 143-878 Seoul (KR).
YUN, Chan-Ho [KR/KR]; 202-108, Munchonlife, Juyep2-dong, Ilsan-ku, 411-372 Koyang-city, Kyungki-do (KR).
JEUNG, Yuon-Pil [KR/KR]; Na-301, Daemong-ju-taek, 954-16, Simwol7-dong, Yangcheon-ku, 158-097 Seoul (KR).
LEE, Kwang-Wouk [KR/KR]; 305-1203, Hyundai apt., 881, Janghang2-dong, Ilsan-ku, 411-382 Koyang-city, Kyungki-do (KR).
KANG, Cheol-Hyun [KR/KR]; A-203, Kyungun-villa, 1038-37, Sadang1-dong, Dongjak-ku, 156-091 Seoul (KR).
CHOI, Seong-Jin [KR/KR]; 104-1103, Hanshin2-cha apt., Jamwon-dong, Seocho-ku, 137-030 Seoul (KR).

(74) **YOU ME PATENT AND LAW FIRM**; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, 135-080 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 02/078381** (13) A1
(21) PCT/SE02/00504
(22) **15 Mar/mar 2002 (15.03.2002)**
(25) en (26) en
(30) 0101087-5 **26 Mar/mar 2001 SE (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM FOR DELIVERING LOCATION RELATED INFORMATION TO MOBILE TELECOMMUNICATION DEVICES

• SYSTEME DELIVRANT A DES DISPOSITIFS DE TELECOMMUNICATION MOBILES DES DONNEES RELATIVES A UNE POSITION

(71) **OBNEX TECHNOLOGIES HB** [SE/SE]; Vera Sandbergs allé 8, S-412 96 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRIES, Henrik** [SE/SE]; Obnex Technologies HB, Vera Sandbergs allé 8, S-412 96 Göteborg (SE).

(74) **OBNEX TECHNOLOGIES HB**; Vera Sandbergs Allé 8, S-412 96 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 CH CY DE DK ES FI FR GB GR IE 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 **H04Q 7/38**

(11) **WO 02/078382** (13) A1
(21) PCT/SE02/00572
(22) **22 Mar/mar 2002 (22.03.2002)**
(25) en (26) en
(30) 0101062-8 **26 Mar/mar 2001 SE (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • DEVICES AND METHODS FOR POSITIONING MOBILE COMMUNICATION UNITS

• DISPOSITIFS ET PROCÉDES DE POSITIONNEMENT D'UNITES DE COMMUNICATION MOBILES

(71) **TELIA AB (publ)** [SE/SE]; Mårbackagatan 11, S-123 86 Farsta (SE).

(72) **BERGENDORFF, Hans**; Ishockeyvägen 12, S-175 45 Järfälla (SE).

(74) **SVENSSON, Peder**; Telia Research AB, Vitsandsgatan 9, S-123 86 Farsta (SE).

(81) EE LT LV NO.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H04Q 7/38**

(11) **WO 02/078383** (13) A1
(21) PCT/US02/08073
(22) **18 Mar/mar 2002 (18.03.2002)**
(25) en (26) en
(30) 09/818,827 **27 Mar/mar 2001 US (27.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SHORT ACCESS FOR REALIZING A SIGNALING RADIO BEARER IN GERAN

• ACCES LIMITE SERVANT A REALISER UN SUPPORT RADIO DE SIGNALISATION DANS UN SYSTEME GERAN

(71) **ERICSSON INC.** [US/US]; 6300 Legacy Drive, Plano, TX 75024 (US).

(72) **DIACHINA, John**; 505 Kristin Drive, Garner, NC 27529 (US).
JOHANSSON, Mathias; Skalbuvagen 18A, S-19149 Sollentuna (SE).

(74) **BENNETT, David**; Coats & Bennett, 1400 Crescent Green, Cary, NC 27511 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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)

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU AZ
BA BB BG BR BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH 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 H04Q 7/38, H04K 3/00

(11) WO 02/078384 (13) A1

(21) PCT/ZA01/00070

(22) 29 May/mai 2001 (29.05.2001)

(25) en (26) en

(30) 2001/2366 22 Mar/mar 2001 ZA
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • METHOD AND APPARATUS OF DIS-
ABLING OPERATION OF A CELLU-
LAR TELEPHONE IN A CELLULAR
COMMUNICATION SYSTEM
• PROCEDE ET DISPOSITIF SERVANT A
DESACTIVER UN TELEPHONE CEL-
LULAIRE DANS UN SYSTEME DE
COMMUNICATION CELLULAIRE

(71) TELEGENIX TRADING 323 CC
[ZA/ZA]; 1126 Blou Sysic Street, 0159
Montana Park (ZA).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HOLM, Johann, Erich, Wolfgang
[ZA/ZA]; 7 Faerie View, Mayor Street, Faerie
Glen, 0043 Pretoria (ZA).

(74) HAHN & HAHN INC.; 222 Richard Street,
Hatfield, 0083 Pretoria (ZA).

(81) AE AG AL AM AT AT (Utility model /
modèle d'utilité) AU AZ BA BB BG BR BY
BZ CA CH CN CR CU CZ CZ (Utility model /
modèle d'utilité) DE DE (Utility model /
modèle d'utilité) DK DK (Utility model /
modèle d'utilité) DM DZ EC EE EE (Utility
model / modèle d'utilité) ES FI FI (Utility
model / modèle d'utilité) GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ 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 H04Q 9/00

(11) WO 02/078385 (13) A1

(21) PCT/JP02/02723

(22) 20 Mar/mar 2002 (20.03.2002)

(25) ja (26) ja

(30) 2001-86441 23 Mar/mar 2001 JP
(23.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • APPARATUS SETTING UPDATING
SYSTEM
• SYSTEME DE MISE A JOUR DES PA-
RAMETRES D'UN APPAREIL

(71, 72) FUJII, Tatsuya [JP/JP]; 4-31 Kashi-
wado-machi, Nishinomiya-shi, Hyogo
662-0097 (JP).

(74) TORII, Hiroshi; 20-10, Toyosaki 3-chome,
Kita-ku, Osaka-shi, Osaka 531-0072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 11/00

(11) WO 02/078386 (13) A2

(21) PCT/NO02/00113

(22) 19 Mar/mar 2002 (19.03.2002)

(25) en (26) en

(30) 20011455 22 Mar/mar 2001 NO
(22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • METHOD FOR MAPPING DATA BE-
TWEEN DIFFERENT COMMUNICA-
TION SYSTEMS
• ÉTABLISSEMENT DE CORRESPON-
DANCES ENRE DONNÉES DE SYS-
TÈMES DE COMMUNICATION DIFFÉ-
RENTS

(71) TELEFONAKTIEBOLAGET LM ERIC-
SSON [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SCHUMANN-OLSEN, Reider
[NO/NO]; Nøtteknekkeren 14, N-3400 Lier
(NO).

(74) OSLO PATENTKONTOR AS; Postboks
7007, N-0306 Oslo (NO).

(81) AE AG AL AM AT AT (Utility model /
modèle d'utilité) AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ CZ (Utility
model / modèle d'utilité) DE DE (Utility

model / modèle d'utilité) DK DK (Utility
model / modèle d'utilité) DM DZ EC (Utility
model / modèle d'utilité) EE ES FI FI (Utility
model / modèle d'utilité) GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT
RO RU SD SE SG SI SK SK (Utility model
/ modèle d'utilité) SL TJ TM TN TR TT TZ
UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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)
(u) for / pour US only / seulement

(51)⁷ H04Q 11/04, H04L 12/56

(11) WO 02/078387 (13) A1

(21) PCT/CH01/00185

(22) 26 Mar/mar 2001 (26.03.2001)

(25) de (26) de

(43) 3 Oct/oct 2002 (03.10.2002)

- (54) • METHOD AND SYSTEM FOR EF-
FICIENT MANAGEMENT OF RE-
SOURCE IN MPLS NETWORKS
• PROCEDE ET SYSTEME PERMET-
TANT UNE GESTION EFFICACE DES
RESSOURCES DANS DES RESEAUX
MPLS

(71) SWISSCOM AG [CH/CH]; Ostermundigen-
strasse 93, CH-3000 Bern 29 (CH).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LAMTI BEN-YACOUB, Leila
[TN/CH]; Waldsträtterstrasse 18, CH-3014
Bern (CH).

(74) BOVARD AG; Optingenstrasse 16, CH-3000
Bern 25 (CH).

(81) AE AG AL AM AT AT (Utility model /
modèle d'utilité) AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ CZ (Utility
model / modèle d'utilité) DE DE (Utility
model / modèle d'utilité) DK DK (Utility
model / modèle d'utilité) DM DZ EE EE
(Utility model / modèle d'utilité) ES FI FI
(Utility model / modèle d'utilité) GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD
MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SK (Utility model
/ modèle d'utilité) 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 GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) *for / pour US only / seulement*

(51)⁷ H04R

(11) WO 02/078388 (13) A2

(21) PCT/GB02/01472

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 0107699.1 27 Mar/mar 2001 GB (27.03.2001)

(30) 0200291.3 8 Jan/jan 2002 GB (08.01.2002)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS TO CREATE A SOUND FIELD

- PROCEDE ET APPAREIL PERMETTANT DE CREER UN CHAMP ACOUSTIQUE

(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) TROUGHTON, Paul, Thomas [GB/GB]; 71 Gwydir Street, Cambridge CB1 2LG (GB). HOOLEY, Anthony [GB/GB]; 79 De Freville Avenue, Cambridge CB4 1HP (GB). GOUDIE, Angus, Gavin [GB/GB]; 2 Canterbury Close, Cambridge CB4 3QQ (GB). EASTON, Mark, George [GB/GB]; 70 Ditton Walk, Cambridge CB5 8QE (GB). BIENEK, Irving, Alexander [GB/GB]; 26 Badminton Close, Cambridge CB4 3NW (GB). DAVIES, James [NZ/GB]; 73 Eden Street, Cambridge CB1 1EL (GB). RYAN, Damon, Thomas [GB/GB]; 41 Maitland Avenue, Cambridge CB4 1TA (GB). WINDLE, Paul, Raymond [GB/GB]; 10 Blacklands Close, Saffron Walden, Essex CB11 4BX (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 VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H04R

(11) WO 02/078389 (13) A2

(21) PCT/IB02/00862

(22) 15 Mar/mar 2002 (15.03.2002)

(25) en (26) en

(30) 01201074.0 22 Mar/mar 2001 EP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF DERIVING A HEAD-RELATED TRANSFER FUNCTION

• PROCÉDÉ DE DÉRIVATION D'UNE FONCTION DE TRANSFERT EN RELATION AVEC LA TÊTE

(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) SCHOBLEN, Daniel, W., E. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) SCHOENMAKER, Maarten; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(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 H04R 3/00, 1/40, H04M 1/19

(11) WO 02/078390 (13) A2

(21) PCT/IL02/00234

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 60/277.611 22 Mar/mar 2001 US (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A METHOD AND SYSTEM FOR TRANSMITTING AND/OR RECEIVING AUDIO SIGNALS WITH A DESIRED DIRECTION

- PROCEDE ET SYSTEME DE TRANSMISSION ET/OU DE RECEPTION DE SIGNAUX AUDIO DANS LE SENS SOUHAITE

(71) D-START ADVANCED TECHNOLOGIES LTD. [IL/IL]; 7 Boyer Abraham Street, 69127 Tel Aviv (IL).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) ZLOTNICK, David [IL/IL]; 9 Eliyahu Hakim Street, 69120 Tel Aviv (IL).

(74) REINHOLD COHN AND PARTNERS; P. O. Box 4060, 61040 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04R 7/00

(11) WO 02/078391 (13) A2

(21) PCT/GB02/00993

(22) 13 Mar/mar 2002 (13.03.2002)

(25) en (26) en

(30) 0107314.7 23 Mar/mar 2001 GB (23.03.2001)

(30) 0130469.0 20 Dec/déc 2001 GB (20.12.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BENDING WAVE ACOUSTIC RADIATOR

- ELEMENT ACOUSTIQUE RAYONNANT A ONDES DE FLEXION

(71) NEW TRANSDUCERS LIMITED [GB/GB]; 37 Ixworth Place, London SW3 3QH (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AZIMA, Henry [GB/GB]; New Transducers Limited, Cygnet House, Kingfisher Way, Hinchingsbrooke Business Park, Huntingdon, Cambridgeshire PE29 6FW (GB).

BANK, Graham [GB/GB]; New Transducers Limited, Cygnet House, Kingfisher Way, Hinchingsbrooke Business Park, Huntingdon, Cambridgeshire PE29 6FW (GB).

FORDHAM, Julian [GB/GB]; New Transducers Limited, Cygnet House, Kingfisher Way, Hinchingsbrooke Business Park, Huntingdon, Cambridgeshire PE29 6FW (GB).

COLLOMS, Martin [GB/GB]; New Transducers Limited, Cygnet House, Kingfisher Way, Hinchingsbrooke Business Park, Huntingdon, Cambridgeshire PE29 6FW (GB).

BREAM, Charles [GB/GB]; New Transducers Limited, Cygnet House, Kingfisher Way, Hinchingsbrooke Business Park, Huntingdon, Cambridgeshire PE29 6FW (GB).

MAGUIRE BOSS; 5 Crown Street, St. Ives, Cambridgeshire PE27 5EB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(74) MAGUIRE BOSS; 5 Crown Street, St. Ives, Cambridgeshire PE27 5EB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H04R 25/00

(11) WO 02/078392 (13) A2

(21) PCT/EP02/03307

(22) 21 Mar/mar 2002 (21.03.2002)

(25) en (26) en

(30) 01610033.1 26 Mar/mar 2001 EP (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • HEARING AID WITH A PROTRUSION AND METHOD FOR MANUFACTURING A HEARING AID

- APPAREIL AUDITIF COMPRENANT UNE SAILLIE ET PROCEDE DE FABRICATION D'UN APPAREIL AUDITIF

(71) WIDEX A/S [DK/DK]; Ny Vestergaardsvej 25, DK-3500 Varlose (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOPHOLM, Jan [DK/DK]; Paradisvænget 17, DK-2840 Holte (DK).

(74) RINDORF, Hans, Jorgen; Widex A/S, Ny Vestergaardsvej 25, DK-3500 Varlose (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility

model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EC EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 :

(t) for all designations / pour toutes les désignations

(51)⁷ H04R 25/00, 1/40

(11) WO 02/078393 (13) A2

(21) PCT/US02/09361

(22) 27 Mar/mar 2002 (27.03.2002)

(25) en (26) en

(30) 60/279,163 27 Mar/mar 2001 US (27.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • A DIRECTIONAL RECEIVER FOR HEARING AIDS
• RECEPTEUR DIRECTIONNEL DESTINE A DES APPAREILS AUDITIFS

(71) SENSIMETRICS CORPORATION [US/US]; 48 Grove Street, Somerville, MA 02144-2500 (US).

(72) ZUREK, Patrick, M.; 115 Overlook Drive, Arlington, MA 02174 (US).

(74) DIENER, Michael, A. 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 PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04R 25/00, H04M 1/00, H04Q 7/32

(11) WO 02/078394 (13) A1

(21) PCT/US02/09616

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/816,417 26 Mar/mar 2001 US (26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • RETRACTABLE CORD FOR A MOBILE PHONE OR OTHER WIRELESS DEVICE

• CORDON ESCAMOTABLE POUR UN TELEPHONE MOBILE OU POUR UN AUTRE DISPOSITIF SANS FIL

(71, 72) HANNA, Tania, W. [US/US]; 8529 West Oak Place, Vienna, VA 22182 (US). LONG, Christopher, T. [US/US]; 8529 West Oak Place, Vienna, VA 22182 (US).

(74) VIETZKE, Lance, L. et al. / etc.; Suite 4700, 370 Seventeenth Street, Denver, CO 80202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)⁷ H04S

(11) WO 02/078395 (13) A2

(21) PCT/IB02/00864

(22) 15 Mar/mar 2002 (15.03.2002)

(25) en (26) en

(30) 01201076.5 22 Mar/mar 2001 EP (22.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF REPRODUCING MULTI-CHANNEL AUDIO SOUND VIA SEVERAL REAL AND AT LEAST ONE VIRTUAL SPEAKER

• PROCEDE PERMETTANT DE REPRODUIRE UN SON AUDIO MULTICANALUX VIA PLUSIEURS ENCEINTES ACOUSTIQUES REELLES ET AU MOINS UNE ENCEINTE ACOUSTIQUE VIRTUELLE

(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) SCHOBEN, Daniel, W., E. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BOERS, Paulus, M. [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) SCHOENMAKER, Maarten; International Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(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 H04S

(11) WO 02/078396 (13) A2

(21) PCT/US02/08682

(22) 20 Mar/mar 2002 (20.03.2002)

(25) en (26) en

(30) 09/813,722 21 Mar/mar 2001 US (21.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • SYSTEM AND METHOD FOR AUTOMATICALLY ADJUSTING THE SOUND AND VISUAL PARAMETERS OF A HOME THEATRE SYSTEM

• SYSTEME ET PROCEDE PERMETTANT DE REGLER AUTOMATIQUEMENT LES PARAMETRES SONORES ET VISUELS D'UN SYSTEME DE CINEMA A DOMICILE

(71) HARMAN INTERNATIONAL INDUSTRIES, INC. [US/US]; 8500 Balboa Boulevard, Northridge, CA 91329 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JORDAN, Richard, J. [US/US]; 3152 Shad Court, Simi Valley, CA 93063-1094 (US).

(74) OH, Sung, I. 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 CH CY DE DK ES FI FR GB GR IE IT 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 H05B 3/74, 3/00, 3/14

(11) WO 02/078397 (13) A1

(21) PCT/EP02/01751

(22) 20 Feb/fév 2002 (20.02.2002)

(25) de (26) de

(30) 101 12 235.7 6 Mar/mar 2001 DE
(06.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CERAMIC COOKTOP

•

(71) SCHOTT GLAS [DE/DE]; Hatten-
bergstrasse 10, 55122 Mainz (DE).
*(for all designated States except / pour tous les
États désignés sauf AU GB IE IL IN JP KE KP
KR NZ OM SG TN TZ UG US ZA ZM)*

(71) CARL-ZEISS-STIFTUNG trading
as SCHOTT GLAS [DE/DE]; Hatten-
bergstrasse 10, 55122 Mainz (DE).
*(only for / seulement pour AU BB BF BJ BZ
CF CG CI CM GA GB GD GE GH GM GN
GQ GW IE IL IN KE KG KP KR KZ LC LK
LR LS MG ML MN MR MW MZ NE NZ SD
SG SL SN SZ TD TG TT TZ UG VN ZA ZM
ZW)*

(71) CARL-ZEISS-STIFTUNG [DE/DE];
89518 Heidenheim/Brenz (DE).
*(only for / seulement pour BB BF BJ BZ CF
CG CI CM GA GD GE GH GM GN GQ GW
JP KE KG KZ LC LK LR LS MG ML MN MR
MW MZ NE SD SL SN SZ TD TG TT TZ UG
VN ZM ZW)*

(72, 75) WERMBTER, Karsten [DE/DE]; Hei-
dersheimer Strasse 79A, 55257 Budenheim
(DE). KILLINGER, Andreas [DE/DE]; Eug-
enstrasse 58, 70794 Filderstadt-Bernhausen
(DE). FRIEDRICH, Christian [DE/DE];
Wengleinstrasse 1, 81477 München (DE). LI,
Chuanfei [CN/DE]; Im Lauchhau 15, 70569
Stuttgart (DE). GADOW, Rainer [DE/DE];
Lärchenstrasse 5A, 84544 Aschau am Inn
(DE).

(74) GAHLERT, Stefan et al. / etc.; Witte, Weller
& Partner, Postfach 105462, 70047 Stuttgart
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT 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 H05B 3/74

(11) WO 02/078398 (13) A1

(21) PCT/EP02/02062

(22) 27 Feb/fév 2002 (27.02.2002)

(25) de (26) de

(30) 101 10 793.5 6 Mar/mar 2001 DE
(06.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CERAMIC COOKING SYSTEM WITH
GLASS CERAMIC PLATE, INSULA-
TION LAYER AND HEATING ELE-
MENTS

• SYSTEME DE CUISSON CERAMIQUE
A PLAQUE VITROCERAMIQUE,
COUCHE D'ISOLATION ET ELE-
MENTS CHAUFFANTS

(71) SCHOTT GLAS [DE/DE]; Hatten-
bergstrasse 10, 55122 Mainz (DE).

*(for all designated States except / pour tous les
États désignés sauf AU GB IE IL IN JP KE KP
KR SG UG US ZA)*

(71) CARL-ZEISS-STIFTUNG trading as
SCHOTT GLAS [DE/DE]; Hattenbergstr.
10, 55122 Mainz (DE).

*(only for / seulement pour AU BB BF BJ BZ
CF CG CI CM GA GB GD GE GH GM GN
GQ GW IE IL IN KE KG KP KR KZ LC LK LR LS
MG ML MN MR MW MZ NE NZ SD SG SL
SN SZ TD TG TT TZ UG VN ZA ZM ZW)*

(71) CARL-ZEISS-STIFTUNG [DE/DE];
89518 Heidenheim an der Brenz (DE).

*(only for / seulement pour BB BF BJ BZ CA
CF CG CI GA GD GE GH GM GN GW JP
KE KG KZ LC LK LR LS MG ML MN MR
MW MZ NE SD SL SN SZ TD TG TT TZ UG
VN ZM ZW)*

(72, 75) WERMBTER, Karsten [DE/DE]; Hei-
desheimer Str. 79A, 55257 Budenheim (DE).

KÖBRICH, Holger [DE/DE]; Frankfurter
Str. 23, 65439 Flörsheim (DE).

(74) FLECK, Hermann-Josef; Klingengasse 2,
71665 Vaihingen/Enz (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US
UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).

(51)⁷ H05B 3/84

(11) WO 02/078399 (13) A1

(21) PCT/US02/09097

(22) 25 Mar/mar 2002 (25.03.2002)

(25) en (26) en

(30) 09/816,757 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD OF MAKING A HEATABLE
VEHICLE WINDOW

• PROCEDE DE FABRICATION D'UNE
FENETRE DE VEHICULE CHAUF-
FANTE

(71) CENTRE LUXEMBOURGEOIS DE
RECHERCHES POUR LE VERRE
ET LA CERAMIQUE S.A. (C.R.V.C.)
[LU/LU]; Zone Industrielle Wolser, Grand
Duchy, L-3452 Dudelange (LU).

(72) SOL, Jean-Marc; 6, place de l'Eglise,
F-Thionville (FR).

(74) RHOA, Joseph, A.; Nixon & Vanderhye
P.C., 1100 North Glebe Road, Suite 800,
Arlington, VA 2201-4714 (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 CH CY DE DK ES
FI FR GB GR IE 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 H05B 3/84, 3/86

(11) WO 02/078400 (13) A1

(21) PCT/US02/09246

(22) 26 Mar/mar 2002 (26.03.2002)

(25) en (26) en

(30) 09/816,667 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • BUS BAR ARRANGEMENT FOR
HEATABLE VEHICLE WINDOW

• DISPOSITIF DE BARRE OMNIBUS
POUR VITRE DE VEHICULE CHAUF-
FANTE

(71) GUARDIAN INDUSTRIES CORP.
[US/US]; 2300 Harmon Road, Auburn Hills,
MI 48326-1714 (US).

(72) BALDWIN, Craig, A.; 17 Fairwood Boule-
vard, Pleasant Ridge, MI 48069 (US).

(74) RHOA, Joseph, A.; Nixon & Vanderhye
P.C., 1100 North Glebe Road, Suite 800,
Arlington, VA 22201-4714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE 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 H05B 33/08

(11) WO 02/078401 (13) A1

(21) PCT/IB02/00880

(22) 22 Mar/mar 2002 (22.03.2002)

(25) en (26) en

(30) 09/816,050 26 Mar/mar 2001 US
(26.03.2001)

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MULTIREGULATOR CIRCUIT AND
LAMP

- CIRCUIT ET LAMPE À RÉGULATIONS MULTIPLES
- (71, 72) **ROLLER, Philip, C.** [US/US]; 1425 Blockville, Watts Flats Road, Ashville, NY 14710 (US). **DIPENTI, Timothy** [US/US]; Rd#1, Box 1559, Russel, PA 16345 (US). **KAHANIC, Paul, J., Jr.** [US/US]; 2899 Carpenter-Pringle Road, Ashville, NY 14710 (US).
- (74) **LOHRMAN, Richard, C., Esq.**; The Bilicki Law Firm, P.C., Furniture Mart Building, Suite 1000, 111 West Second Street, Jamestown, NY 14701 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE 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 **H05B 41/16, 41/282**
- (11) **WO 02/078402** (13) A1
- (21) PCT/JP01/02371
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) ja (26) ja
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • DEVICE FOR OPERATING DISCHARGE LAMP
- DISPOSITIF D'EXPLOITATION D'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) **KINOSHITA, Hidehiko** [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) 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 **H05B 41/282, 41/288, H01J 61/78**
- (11) **WO 02/078403** (13) A1
- (21) PCT/IB02/00718
- (22) **11 Mar/mar 2002 (11.03.2002)**
- (25) en (26) en
- (30) 09/815,089 **22 Mar/mar 2001 US (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • SYSTEM FOR DRIVING A CAPACITIVELY COUPLED FLUORESCENT LAMP
- SYSTEME PERMETTANT DE PILOTER UNE LAMPE FLUORESCENTE CAPACITIVEMENT COUPLEE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **BRUNING, Gert, W.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **CHANG, Chin**; 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 KR.
- (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 **H05B 41/282**
- (11) **WO 02/078404** (13) A2
- (21) PCT/IB02/00866
- (22) **11 Mar/mar 2002 (11.03.2002)**
- (25) en (26) en
- (30) 09/814,603 **22 Mar/mar 2001 US (22.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CAPACITIVELY COUPLED FLUORESCENT LAMP PACKAGE
- ENVELOPPE DE LAMPE FLUORESCENTE CAPACITIVEMENT COUPLEE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **BRUNING, Gert, W.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **CHANG, Chin**; 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 KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **H05B 41/285**
- (11) **WO 02/078405** (13) A2
- (21) PCT/IB02/00966
- (22) **20 Mar/mar 2002 (20.03.2002)**
- (25) en (26) en
- (30) 09/817,970 **27 Mar/mar 2001 US (27.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • PANIC PROTECTION FROM FAULT CONDITIONS IN POWER CONVERTERS
- PROTECTION D'URGENCE CONTRE DES ETATS DEFECTUEUX DANS DES CONVERTISSEURS DE PUISSANCE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **GIANNOPOULOS, Demetri**; 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) JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **H05B 41/39**
- (11) **WO 02/078406** (13) A1
- (21) PCT/JP02/02706
- (22) **20 Mar/mar 2002 (20.03.2002)**
- (25) ja (26) ja
- (30) 2001-84033 **23 Mar/mar 2001 JP (23.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ELECTRIC DISCHARGE LAMP AND ELECTRIC DISCHARGE LAMP DRIVE APPARATUS
- LAMPE A DECHARGE ELECTRIQUE ET APPAREIL D'ALIMENTATION DE LAMPE A DECHARGE ELECTRIQUE
- (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).
- (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **H05H 3/02**
- (11) **WO 02/078407** (13) A2
- (21) PCT/JP02/02747
- (22) **22 Mar/mar 2002 (22.03.2002)**
- (25) en (26) en
- (30) 2001-88859 **26 Mar/mar 2001 JP (26.03.2001)**
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • NEUTRAL PARTICLE BEAM PROCESSING APPARATUS
- APPAREIL DE TRAITEMENT D'UN FAISCEAU NEUTRALISE DE PARTICULES
- (71) **EBARA CORPORATION** [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP). **JAPAN AS REPRESENTED BY PRESIDENT OF TOHOKU UNIVERSITY** [JP/JP]; 2-1-1, Katahira, Aoba-ku, Sendai-shi, Miyagi 980-8577 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAMUKAWA, Seiji** [JP/JP]; c/o Tohoku University, 2-1-1, Katahira, Aoba-ku, Sendai-shi, Miyagi 980-8577 (JP). **ICHIKI, Katsunori** [JP/JP]; c/o Ebara Research Co., Ltd., 2-1, Honfujisawa 4-chome, Fujisawa-shi, Kanagawa 251-8502 (JP). **YAMAUCHI, Kazuo** [JP/JP]; c/o Ebara Research Co., Ltd., 2-1, Honfujisawa 4-chome,

Fujisawa-shi, Kanagawa 251-8502 (JP).
HIYAMA, Hirokuni [JP/JP]; c/o Ebara Research Co., Ltd., 2-1, Honfujisawa 4-chome, Fujisawa-shi, Kanagawa 251-8502 (JP).

(74) **WATANABE, Isamu** et al. / etc.; GOWA Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 **H05H 9/00, 5/02**
(11) **WO 02/078408** (13) A1
(21) PCT/JP01/02395
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) ja (26) ja
(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD AND APPARATUS FOR REMOVING HEAT FROM HIGH VOLTAGE POWER SUPPLY UNIT OF PARTICLE ACCELERATOR
• PROCEDE ET DISPOSITIF POUR ELIMINER LA CHALEUR PROVENANT D'UNE UNITE D'ALIMENTATION HAUTE TENSION D'ACCELERATEUR DE PARTICULES

(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) **JIMBO, Kouichi** [JP/JP]; 7-20, Biwadaai 3-chome, Uji-shi, Kyoto 611-0024 (JP). **KATO, Yutai** [JP/JP]; 1414, Fujinomori apt., Fukakusaikenouchi-machi, Fushimi-ku, Kyoto-shi, Kyoto 612-0031 (JP). **KOHYAMA, Akira** [JP/JP]; 4-231, Nishibugyo-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8104 (JP).

(74) **SHIMIZU, Mamoru**; Ohzono Bldg. 7-10, Kanda-mitoshiro-cho, Chiyoda-ku, Tokyo 101-0053 (JP).

(81) JP US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H05K 1/18**
(11) **WO 02/078409** (13) A1
(21) PCT/SE02/00582
(22) **22 Mar/mar 2002 (22.03.2002)**
(25) en (26) en
(30) 0101006-5 **22 Mar/mar 2001 SE (22.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)
(54) • A TO-CAN HAVING A LEADFRAME
• DOUILLE D'INTERFACE AVEC CHASSIS DE BROCHAGE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; Telefonvägen 30, S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BLOM, Claes** [SE/SE]; Sankta Ingrid's väg 8, S-596 31 Skänninge (SE). **ALBORNOZ DAVILA, Nivardo** [SE/SE]; Brantholmsgränd 64, S-127 46 Skärholmen (SE).

(74) **ERICSSON MICROELECTRONICS AB, DEPARTMENT FOR INTELLECTUAL PROPERTY RIGHTS**; Isafjordsgatan 16, S-164 81 Kista - Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H05K 3/00, 1/02**
(11) **WO 02/078410** (13) A1
(21) PCT/JP01/04630
(22) **31 May/mai 2001 (31.05.2001)**
(25) ja (26) ja
(30) 2001-87635 **26 Mar/mar 2001 JP (26.03.2001)**
(30) 2001-87620 **26 Mar/mar 2001 JP (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • MULTI-PIECE SUBSTRATE AND METHOD OF MANUFACTURING THE SUBSTRATE
• SUBSTRAT A ELEMENTS MULTIPLES ET SON PROCEDE DE PRODUCTION

(71) **IBIDEN CO., LTD.** [JP/JP]; 1, Kanda-machi 2-chome, Ogaki-shi, Gifu 503-8604 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YANASE, Makoto** [JP/JP]; c/o IBIDEN ELECTRONICS CO., LTD., 300, Aoyanagi-cho, Ogaki-shi, Gifu 503-8503 (JP). **SAGISAKA, Katsumi** [JP/JP]; c/o IBIDEN CO., LTD., 300, Aoyanagi-cho, Ogaki-shi, Gifu 503-8503 (JP). **SHIMADA, Isao** [JP/JP]; c/o IBIDEN CO., LTD., 300, Aoyanagi-cho, Ogaki-shi, Gifu 503-8503 (JP). **OKUNISHI, Tatsuya** [JP/JP]; c/o IBIDEN CO., LTD., 300, Aoyanagi-cho, Ogaki-shi, Gifu 503-8503 (JP).

(74) **OKADO, Akiyoshi** et al. / etc.; 2nd Floor, Nagoya Center Building, Annex, 2-22, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (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 **H05K 3/24, 3/46, 3/28, 1/16**
(11) **WO 02/078411** (13) A1
(21) PCT/DE02/01053
(22) **22 Mar/mar 2002 (22.03.2002)**
(25) de (26) de
(30) 101 14 111.4 **22 Mar/mar 2001 DE (22.03.2001)**
(43) 3 Oct/oct 2002 (03.10.2002)

(54) • CIRCUIT SUPPORT ELEMENT FOR ELECTRONIC DEVICES, IN PARTICULAR FOR COMMUNICATION TERMINALS
• ELEMENT SUPPORT DE CIRCUIT POUR APPAREILS ELECTRONIQUES, EN PARTICULIER POUR TERMINAUX DE COMMUNICATION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUSCH, Georg** [DE/DE]; Feldmark 5, 48683 Ahaus (DE).
(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (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).

Published / Publiée : (c)

(51)⁷ **H05K 3/28, 3/00, 1/02, G03F 7/075, 7/004, 7/20, 7/40**
(11) **WO 02/078412** (13) A1
(21) PCT/JP02/02634
(22) **20 Mar/mar 2002 (20.03.2002)**
(25) ja (26) ja
(30) 2001-88158 **26 Mar/mar 2001 JP (26.03.2001)**

(43) 3 Oct/oct 2002 (03.10.2002)

(54) • METHOD FOR PRODUCING PRINTED WIRING BOARD AND RESIST MATERIAL
• PROCEDE DE PRODUCTION D'UNE CARTE IMPRIMEE ET MATERIAU DE RESERVE

(71) **NIPPON PAINT CO., LTD.** [JP/JP]; 1-2, Oyodokita 2-chome, Kita-ku, Osaka-shi, Osaka 531-8511 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUSHIMA, Hiroshi** [JP/JP]; c/o NIPPON PAINT CO., LTD., 19-17, Ikedanakamachi, Neyagawa-shi, Osaka 572-8501 (JP).

(74) **METSUGI, Makoto** et al. / etc.; Nishimura Bldg., 6-5, Tanimachi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

(81) KR US.
(84) EP (DE).

(51)⁷ **H05K 7/00**
(11) **WO 02/078413** (13) A2
(21) PCT/CA02/00401
(22) **20 Mar/mar 2002 (20.03.2002)**

- (25) en (26) en
 (30) 09/816,758 **23 Mar/mar 2001** US
 (23.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • MODEM EJECTION ASSEMBLY FOR A HANDHELD WIRELESS COMMUNICATION DEVICE
 • ENSEMBLE D'EJECTION DE MODEM POUR DISPOSITIF DE COMMUNICATION SANS FIL
- (71) SIERRA WIRELESS, INC. [CA/CA]; 13811 Wireless Way, Richmond, British Columbia V6V 3A4 (CA).
- (72) MURNAGHAN, Matthew, J.; 320 East Kensington Road, North Vancouver, British Columbia V7N 1P3 (CA). LARSEN, Bruce, D.; 2264 Gordon Avenue, West Vancouver, British Columbia V7V 1W3 (CA).
- (74) VERMETTE & CO.; Box 40, Granville Square, 230-200 Granville Street, Vancouver, British Columbia V6S 1C4 (CA).
- (81) CN KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ H05K 7/00
 (11) WO 02/078414 (13) A2
 (21) PCT/EP02/01615
 (22) 15 Feb/fév 2002 (15.02.2002)
 (25) de (26) de
 (30) 101 14 960.3 **27 Mar/mar 2001** DE
 (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • HOUSING FOR ACCOMMODATING AT LEAST ONE ENERGY ACCUMULATOR DEVICE
 • BOITIER DESTINE A CONTENIR AU MOINS UN DISPOSITIF D'ACCUMULATION D'ENERGIE
- (71) KNÜRR AG [DE/DE]; Mariakirchener Strasse 38, 94424 Arnstorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EBERMANN, Heiko [DE/DE]; An der Winkelwiese 13, 01109 Dresden (DE).
- (74) HEIM, Hans-Karl et al. / etc.; Weber & Heim, Irmgardstrasse 3, 81479 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H05K 7/00, G11B 33/06
 (11) WO 02/078415 (13) A1
 (21) PCT/JP02/02793
 (22) 22 Mar/mar 2002 (22.03.2002)
 (25) ja (26) ja
- (30) 2001-83321 **22 Mar/mar 2001** JP
 (22.03.2001)
- (30) 2001-197543 **28 Jun/juin 2001** JP
 (28.06.2001)
- (30) 2001-214552 **13 Jul/juil 2001** JP
 (13.07.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • ELECTRONIC DEVICE AND INFORMATION REPRODUCING SYSTEM
 • DISPOSITIF ELECTRONIQUE ET SYSTEME DE REPRODUCTION D'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) YANO, Kazuyoshi [JP/JP]; c/o Sony Engineering Corporation, 9-17, Nishigotanda 3-chome, Shinagawa-ku, Tokyo 141-0031 (JP). YABUKI, Keiko [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). HASHIMOTO, Takaaki [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
- (74) MATSUKUMA, Hidemori; Shinjuku Bldg., 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (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 H05K 7/20, B25F 5/02
 (11) WO 02/078416 (13) A1
 (21) PCT/DE02/01059
 (22) 22 Mar/mar 2002 (22.03.2002)
 (25) de (26) de
 (30) 101 14 574.8 **24 Mar/mar 2001** DE
 (24.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • CONTROL DEVICE FOR AN ELECTRIC MOTOR
 • DISPOSITIF DE COMMANDE POUR UN MOTEUR ELECTRIQUE
- (71) MARQUARDT GMBH [DE/DE]; Schlossstrasse 16, 78604 Rietheim-Weilheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BROGHAMMER, Peter [DE/DE]; Weissdornweg 5, 78573 Wurmlingen (DE). HAFEN, Daniel [DE/DE]; Dreifaltigkeitsbergstrasse 15, 78595 Hausen o.V. (DE).
- (74) OTTEN, Herbert 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 VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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 H05K 7/20
 (11) WO 02/078417 (13) A1
 (21) PCT/KR02/00526
 (22) 26 Mar/mar 2002 (26.03.2002)
 (25) ko (26) en
 (30) 2001/15808 **26 Mar/mar 2001** KR
 (26.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • HEAT SINK AND METHOD FOR MANUFACTURING THE SAME
 • PLAQUE DE REFROIDISSEMENT ET PROCEDE DE FABRICATION
- (71, 72) LEE, Jong-Mahn [KR/KR]; 108-203 Daclim Durac Apt., Sinsung-dong, Yuseong-gu, Daejeon 305-720 (KR).
- (72, 75) JUNG, Goo-Bong [KR/KR]; 1133-12 Seryu-dong, Kweconsun-gu, Suwon-si, Gyeonggi-do 441-110 (KR). PARK, Se-Jeong [KR/KR]; 541-1201 Sinnamusil Ssangyong Apt., Youngtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-727 (KR).
- (74) YOON, Yeo-Pyo et al. / etc.; Honesty & Patent, Kukdong Bldg. 20Fl., 60-1, Chungmuro 3-ka, Chung-ku, Seoul 100-705 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
-
- (51)⁷ H05K 10/00
 (11) WO 02/078418 (13) A1
 (21) PCT/US02/07526
 (22) 13 Mar/mar 2002 (13.03.2002)
 (25) en (26) en
 (30) 09/817,299 **27 Mar/mar 2001** US
 (27.03.2001)
- (43) 3 Oct/oct 2002 (03.10.2002)
- (54) • METHOD AND PROGRAM PRODUCT FOR DETECTING BUS CONFLICT AND FLOATING BUS CONDITIONS IN CIRCUIT DESIGNS
 • PROCEDE ET PROGICIEL PERMETTANT DE DETECTER UN CONFLIT DE BUS ET DES ETATS DE BUS FLOTTANTS DANS LES MODELES DE CIRCUITS
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(for all designated States except / pour tous les États désignés sauf US)
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE CH CY DE DK ES
FI FR GB GR IE IT LU MC NL PT SE TR);
OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG).